ÇUKUROVA ÜNİVERSİTESİ
FEN BİLİMLERİ ENSTİTÜSÜ

DOKTORA TEZİ

Emine AÇAR

NARDA (*Punica granatum* L.) MEYVE ÇATLAMA MEKANİZMASININ MOLEKÜLER YÖNTEMLERLE ARAŞTIRILMASI

BİYOTEKNOLOJİ ANABİLİM DALI

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ÖZ

DOKTORA TEZİ

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Nar (*Punica granatum* L.), 2n=16 kromozoma sahip, besin içeriği ve antioksidan özelliği bakımından önemli bir bitki türüdür. Sahip olduğu özellikler nedeni ile insan beslenmesinde vazgeçilmez olduğu kadar sağlık, kozmetik ve endüstriyel alanlarda da kullanımı yaygın, değerli bir meyvedir. Bu özellikler narın talebinde artışlara neden olmakta ve artan talepler üretimin arttırılmasına yönelik baskılar oluşturmaktadır fakat meyve üretiminde mevcut olan birçok problem üretim miktarında düşüşlere ve ciddi ekonomik kayıplara yol açmaktadır. Bu problemlerin en önemlisi meyve çatlamasıdır. Kültürel uygulamalar ve genetik faktörler probleme neden olan unsurlardır. Meyve çatlama probleminin genetik mekanizmasının aydınlatılması ve elde edilen bilgilerin ıslah programlarına entegre edilmesiyle, besin kompozisyonu yüksek, verimli, çevresel koşullara dayanıklı, katma değeri yüksek ticari çeşitlerin geliştirilmesi mümkündür. Günümüzde RNA Sekanslama (RNA-Seq) Teknolojisi, organizmalara ait genetik bilginin kısa zamanda etkin olarak aydınlatılmasına ve tüm moleküler regülasyonların, fizyolojik, metabolik ve biyokimyasal fonksiyonların ve bu fonksiyonlarla ilişkili yolakların belirlenmesine olanak tanımaktadır. Bu amaçla, narda meyve çatlama mekanizmasının aydınlatılması ve mekanizması ile ilişkili genlerin tespit edilmesi için Illumina HiSeq^{TM} 2000 platformundan yararlanılmış ve İzmir-15 ile Hicaz çeşitlerine ait farklı dönemlerde alınan meyve kabuğu dokularında transkriptom analizi yapılmıştır. Dizileme sonucunda toplam 519 milyon baz okuma ve 22 000 Unigen tespit edilmiştir. Transkriptom analizi ile belirlenen transkriptlerin, hücresel organeller, hücre duvarı ve membranı, organel membranları, abiyotik stres cevapları, intra ve ekstraselüler aktivite ve katalitik aktivite ile ilişkili olduğu belirlenmiştir. Gen ontoloji analizi ile hücre duvarı, hücre ve organel membranları, nükleaz aktivitesi, sinyal iletim sistemiyle ilişkili transkriptlerin ekspresyon profillerinde farklılıklar görülmüştür.

Anahtar kelimeler: Bitki Islahı, Meyve Çatlaması, RNA-Seq, Transkriptom, Unigen

ABSTRACT

PhD THESIS

INVESTIGATION OF FRUIT CRACKING MECHANISM BY MOLECULAR METHODS IN POMEGRANATE (*Punica granatum L.*)

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Pomegranate (*Punica granatum* L.) is an important fruit species in terms of nutrient content and antioxidant properties. It is a common and valuable plant for use in health, cosmetic and industrial fields as well as indispensable in human nutrition. These characteristics lead to increases in pomegranate demand and increasing demands create pressures to increase production. However, many problems in fruit production cause decrease in production and serious economic losses. The most important of these problems is fruit cracking. Cultural practices and especially genetics are the factors causing the problem. By clarifying the genetic mechanism of fruit cracking problem and integrating the information obtained in breeding programs, it will make significant contributions to the development of commercial varieties with high nutritional composition, high yield, resistance to environmental factors and high added value. Nowadays, RNA Sequencing technology enables the effective elucidation of genetic information in a short time, genetic regulation, molecular elements, physiological, metabolic and biochemical functions and pathways related to functions. Illumina HiSeqTM 2000 sequencing platform was used to clarify the mechanism of fruit cracking in pomegranate and to identify the genes associated with the mechanism, transcriptome analysis was performed on fruit peel tissues of crack-sensitive İzmir-15 and crack-resistant Hicaznar cultivars. A total of 519 milion base readings and 22000 Unigen were determined as a result of sequencing. Transcriptome analysis revealed differences in expression profiles of cellular organelles, cell wall and membrane, organelle membranes, abiotic stress responses, intra and extracellular activity, cellulase catabolic process, vacuolar membrane, nuclease activity, chloroplast and plastid activity.

Keywords: Fruit cracking, Plant Breeding, RNA-Seq, Transcriptome, Unigene

GENİŞLETİLMİŞ ÖZET

Nar (*Punica granatum* L.), ekonomik değeri ve besin içeriği yüksek, binlerce yıldır üretimi ve tüketimi yapılan, tropik ve subtropik iklim bitkisidir. *Punica granatum ile Punica protopunica* olmak üzere iki türle temsil edilen nar, Lythraceae familyasına dahil olup, genom büyüklüğü yaklaşık 330 MB'dir. Bitkisinin, kuraklığa, düşük sıcaklığa ve hastalıklara dayanıklı olması, anavatanı olan Ortadoğu ve Kafkasya dışında çok geniş bir coğrafyaya dağılım göstermesine olanak tanımıştır. Akdeniz havzasında yer alması ve narın anavatanı olması nedeniyle Türkiye'de hemen her bölgede nar yetiştiriciliği yoğun olarak yapılmaktadır.

Narın tedavi edici özelliği, meyve kompozisyonunun zenginliği ve sahip olduğu biyoaktif bileşenlerden dolayı son zamanlarda popülaritesi artmıştır. Özellikle doğal antioksidanlar bakımından zengin bir meyve olması nara olan talebin artmasına dolayısıyla yetiştiricilik faaliyetlerinin artmasına ve nar üretim miktarının hızla yükselmesine olanak tanımıştır. Dünyada yaklaşık 3 milyon ton, Türkiye'de yaklaşık 550 000 ton nar üretimi yapılmasına karşın, nar yetiştiriciliğinde ciddi sorunlar yaşanmaktadır.

Nar yetiştiriciliğinde yaşanan sorunların başında meyve çatlama problemi gelmektedir. Meyve çatlaması fizyolojik bir sorundur ve meyve çatlamasının birçok nedeni vardır. Ekolojik koşullar, kültürel uygulamalar ve genetik faktörler bunlardan bazılarıdır. Genetik faktörler çatlamaya neden olan en önemli unsurdur. Aynı koşullar altında yetiştirilen çeşitlere ait çatlama oranları farklılığı, çatlama sorununu genetik yapıyla ilişkilendirmektedir. Narda meyve çatlama problemi nar yetiştiriciliğinde en önemli sorunlardan biri olmasına karşın çatlamanın genetik temellerinin araştırılmasına yönelik moleküler çalışmalar bulunmamaktadır. Narda meyve çatlama probleminin genetik yapısının anlaşılması ve yaşanan ekonomik kayıpların önüne geçilmesi için sorunun, moleküler temellerinin araştırılması ve

elde edilecek bilgilerin ıslah programlarına entegre edilerek çatlamaya dayanıklı çeşitlerin geliştirilmesi gerekmektedir.

Moleküler biyoloji alanında yaşanan hızlı ve etkili gelişmeler, bu alanda birçok yeni teknolojinin geliştirilmesine olanak tanımıştır. Son yıllarda geliştirilen Yeni Nesil Dizileme (YND) teknolojileri, sistem biyolojisi ve postgenomik alanın hızla gelişmesine olanak tanıyarak, farklı organizmalara ve spesifik dokulara ait genom ve transkriptom bilgilerinin edinilmesine, ploidi seviyesinin belirlenmesine, moleküler markör geliştirilmesine ve traskriptom analizi (RNA-Seq) ve gen ekspresyon profillerinin oluşturulmasını kısa sürede, kolay ve düşük maliyetle erişimine imkan vermektedir.

Kompleks gen ekspresyon ağının kontrol edilmesinde, biyolojik ve fizyolojik reaksiyonlarla fenotip arasında ilişki kurulmasında, çevre ile biyolojik sistemler arasında adaptasyonun sağlanmasında görev alan genlere ait ekspresyon düzeyinin belirlenmesinde ve biyolojik proseslerle ilişkili moleküler mekanizmanın aydınlatılmasında, gen ekspresyon analizleri çok önemlidir. RNA-Seq yöntemi, bir hücrenin sahip olduğu tüm genlerin (Transkriptom) ekspresyon düzeyini belirleyebilen ve fonksiyonu bilinmeyen yeni genlerin tespit edilmesine olanak tanıyan son yılların en yoğun kullanılan teknolojisidir.

Moleküler biyoloji alanında kullanılan RNA-Seq teknolojisi, birçok alanda olduğu gibi ziraat alanında da yoğun bir şekilde kullanılmaktadır. Sekans teknolojileri, birçok bitkiye ait genom, transkriptom ve regülatif mekanizmalar hakkında yeni bilgilerin edinilmesine ve elde edilen bilgilerin bitki ıslahı alanında kullanılmasına olanak tanımaktadır. İklim değişikliği, tarımsal alanlara ayrılan arazilerin azalması, dünya nüfusundaki artış ve yaşanan besin yetersizliği üreticileri ekolojik koşullara dayanıklı, verimli ve besin içeriği zengin çeşitlere yönlendirmiş, bu durum değişen koşullara uygun çeşitlerin geliştirilmesini zorunlu kılmıştır. Son yıllarda geliştirilen ve bitki ıslahı alanına entegre edilen moleküler yöntemler kısa sürede ve düşük maliyetle yeni çeşitlerin geliştirilmesine olanak tanımaktadır. Sekans teknolojileri, moleküler düzeyde verilerin üretilmesine, üretilen verilerin

ıslah programlarına entegre edilmesine ve değişen iklim koşullarına dayanıklı, hastalık ve zararlılardan etkilenmeyen ve besin kompozisyonu zengin çeşitlerin kısa sürede geliştirilmesine imkan vermektedir.

Bugüne kadar yapılan çalışmalar incelendiğinde, narda meyve çatlama problemi ile ilgili sınırlı sayıda anatomik ve fizyolojik incelemeler bulunmasına karşın, moleküler düzeyde bir araştırma bulunmamaktadır. Meyve çatlama problemini tüm yönleri ile değerlendirebilmek amacıyla, meyve çatlama mekanizmasının moleküler düzeyde araştırılması önem arz etmektedir. Bu nedenle narda meyve çatlama problemine neden olan moleküler mekanizmaların aydınlatılması ve meyve çatlama mekanizmasında görev alan genlerin belirlenmesi için RNA-Seq teknolojisinden yararlanılmış ve meyve çatlama problemi detaylı olarak analiz edilmiştir.

Tez kapsamında, meyve çatlamasına karşı hassas olduğu bildirilen İzmir 15 ve meyve çatlamasına karşı dayanıklı olduğu bildirilen Hicaznar çeşidi kullanılmıştır. Çeşitlere ait meyve kabuğu dokusu kullanılarak, RNA-Seq (transkriptom) analizi yapılmıştır. Çalışmada çeşitlere ait olgunlaşmamış, olgun çatlamamış ve olgun çatlamış meyve kabuğu dokuları kullanılmıştır. RNA-Seq analizinde, İllumina HiSeq 2000 dizileme platformundan yararlanılmıştır. Dizileme sonucunda sekanslamada kullanılan her kütüphaneye ait yaklaşık 58 milyon baz ham okuma elde edilmiştir. Ham okumaların filtrelenmesi ile her kütüphaneye ait yaklaşık 55 milyon baz temiz okuma (8,30 GB) ve toplamda yaklaşık 519 milyon baz temiz okuma elde edilmiştir. Temiz okumaların referans genom *Punica granatum* L'ye haritalanması sonucunda, 18372 kodlanan (coding) bölgelere ait transkript, 3629 kodlanmayan (noncoding) bölgelere ait transkript, 5959 izoform transkript ve 2413 daha önce tanımlanmamış yeni (nowel) transkript olmak üzere toplamda 22001 transkript tespit edilmiştir. Analiz sonucunda her kütüphanede yaklaşık 22 bin SNP ve 5000 İndel bölgesi belirlenmiştir.

Gen ekspresyon analiziyle, kütüphaneler arasında yaklaşık 160000 genin ekspresyon düzeyi benzer, 4000 genin ekspresyon düzeyinde değişimler

görülmüştür. Belirlenen transkriptlere ait Gen Ontoloji analizleri ve KEGG analizleri yürütülmüştür.

Gen ontoloji analizleri sonucunda metabolik işlev, hücresel aktivite, membran ve membran kısımları, sinyal iletim sistemleri, katalitik aktivite ve DNA bağlanma elementleri ile ilgili fonksiyonların ön plana çıktığı görülmüştür.

KEGG analizleri ile yaklaşık 18000 genin 150 metabolik yolakla ilişkili olduğu belirlenmiştir. Metabolik yolak, Flavonoid biyosentez yolağı, MAPK sinyal yolağı, Hormon sinyal metabolizması, Protein proses metabolizması, RNA degredasyon metabolizması, Sekonder metabolit biyosentez metabolizması ve RNA transport metabolizması önemli bulunan bazı yolaklardır.

Analiz sonucunda kütüphaneler arasında ekspresyon düzeyinde değişim görülen Transkripsiyon Faktörleri belirlenmiş ve ekspresyon düzeyinde önemli değişimler görülen transkripsiyon faktörlerinin *WRYK, NAC, MYB-realeted, MYB, MAD-BOX, GRAS, bHLH ve AP2-ERBEp* gen ailelerine ait olduğu tespit edilmiştir.

TEŞEKKÜR

Doktora eğitimim boyunca kıymetli bilgi ve tecrübelerini benden esirgemeyen, değerli katkıları ile her an yanımda olan, tezimin yürütülmesinde maddi ve manevi yönden beni destekleyen, değerli hocam Prof. Dr. Yıldız AKA KAÇAR'a, sonsuz teşekkürlerimi sunarım.

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SİMGELER VE KISALTMALAR

%	: Yüzde
°C	: Santigrat Derece
µl	: Mikrolitre
2,4-D	: Dikolorofenoksiasetik asit
2 *MYB*	: Transkripsiyon faktörü
4CL	: 4-kumarat-CoA ligaz
9 Aux/IAA	: Oksin/İndol Asetik Asit Gen ailesi
A6PR	: Aldoz-6-fosfat redüktaz
ABC	: ATP-bağlayıcı kaset
AFLP	: Amplified Fragment Length Polymorphism
ATP	: Adenozin Tri Fosfat
BGI	: Beijing Genomik Enstitüsü
BLAST	: Basic Local Aligment Search Tool
CAD	: Sinnamil alkol dehidrogenaz enzimi
CAE	: Koniferol alkol eşdeğeri
CHI	: Kalkon izomeraz
CHS	: Kalkon sentaz
COMT	: Kafeik asit o-metil transferaz
CTAB	: Sietiltrimetil amniyum bromid
CuAO	: Bakır aminoksidaz
ddNTP	: Dideoksinükleotid trifosfat
DEG	: Differentially Expression Gene
DFR	: Dihidroflavonol 4-redüktaz
DGE	: Dijital gen ifade profili
dNTP	: Deoksinükleotid trifosfat
dsDNA	: Çift zincirli Deoksiribo Nükleik Asit
EDTA	: Etilen daimin tetra asedik asit

EST : Expressed Sequence Tag
F3'H : Flavanon 3'-hidroksilaz
F3H : Flavanon-3-hidroksilaz
FPA : Formaldehit Propionik Asit
FPKM : Fragments Per Kilobase of Exon Per Million Fragments Mapped
FTIR : Forurier İnfrared Transformasyonu
GO : Gene Ontoloji
GC-MS : Gaz Kromatografisi-Kütle Spektrometresi
H-NMR : Hidrojen nükleer manyetik rezonans
HPLC : High Performance Liquid Chromatography
KAl_3SO_4 : Potasyum aliminyum sülfat
KEGG : Kyoto Encyclopedia of Genes and Genomes
$KMnO_4$: Potasyum permanganat
LiCl : Lityum Klorür
mRNA : Mesajcı Ribo Nükleik Asit
NaCl : Sodyum Klorür
NADPH : Nikotinamidadenindinükleotid fosfat
NaOAc : Sodyum asetat
NBS-LRR : Nükleotid bağlayıcı
PCR : Polymerase Chain Reaction
PIC : Polimorfizm bilgi içeriği
PNRSV : Prunus nekrotik ringspot virüs
POD : Yüksek peroksik aktivitesi
PVP : Polyvinilpirolidon
qPCR : quantitive PCR
QTL : Quantitativetraitlocus
RAPD : Randomly Amplified Polymporhism of DNA
RNA-Seq : RNA Sekanslama
ROS : Oksijen tutucu

SDS	: Sodyum Doesil Sulfat
SNP	: Single Nucleotide Polymorphism
SRAP	: Sequence-relatedAmplifiedPolymorphism
ssDNA	: Tek zincirli Deoksiribo Nükleik Asit
SSR	: Simple Sequence Repeat
Tas	: TranscriptiomAssemblies
TBA	: Tersiyer Bütil Alkol
Tris-HCL	: Hidroksimetilaminometan Hidroklorik asit
UGT UDPG	: Glikosiltransferaz
UV	: Ultraviyole Işınları

1. GİRİŞ

Nar (*Punica granatum* L.), antik ve mistik özelliklerinin yanı sıra sahip olduğu çekici, güzel meyvelerinden dolayı yaklaşık 5000 yıl önce kültüre alınmış, kültür tarihi en eski bitki türlerinden birisidir. Genom büyüklüğü yaklaşık 330 Mb, kromozom sayısı 2n=16'dır (Yuan ve ark, 2018).

Nar, sistematik sınıflandırmada ilk önce Punicaceae familyasına dahil edilmiştir. *Punicaceae* familyası bir cins ve *Punica granatum ile Punica protopunica* olmak üzere iki türle temsil edilmektedir. *Punica* cinsi, ovaryum ve meyvenin benzersiz yapısı nedeniyle ailesindeki tek cins olarak sınıflandırılmıştır. Huang ve Shi (2002) tarafından yürütülen filogenetik araştırmalar, bu cinsin Lythraceae familyasına dahil edilmesi gerektiğini vurgulamıştır (Chauhan ve Kanwar, 2012). Nitekim yapılan morfolojik ve moleküler analizler ve APG IV (Angıosperm Phylogeny) sistemindeki sınıflandırma *Punica* cinsinin Punicaceae yerine Lythraceae'nin bir üyesi olduğunu göstermiştir (Yuan ve ark, 2018; Huang ve Shi, 2002).

Alem: Bitkiler
Bölüm: *Magnoliophata* (Kapalı Tohumlular)
Sınıf: *Magnoliopsida* (İki Çenekliler)
Takım: *Myrtales*
Familya: *Lythraceae* (Kınagiller)
Cins: *Punica*
Tür: *Punica granatum*

Narın anavatanı, Güneybatı Asya, Güney Asya, Orta Doğu, İran, Afganistan, Güney Kafkasya ve Anadolu'dur (Yılmaz ve Özgüven, 2009). Besin değeri yüksek ve çekici güzellikte meyvelerinden dolayı anavatanı dışında çok geniş bir coğrafyaya dağılım göstermiştir. Günümüzde, Türkiye, Afganistan, Mısır,

İtalya, Hindistan, Malezya, Çin, Amerika Birleşik Devletleri, Peru, Şili, İsrail ve İspanya dahil çok geniş bir coğrafyada yetiştiriciliği yapılmaktadır (Zhao ve ark, 2013).

Nar bitkisinin, kuraklığa, – 10˚C 'ye kadar düşük sıcaklığa ve hastalıklara karşı dayanıklı olması dünyada geniş bir alana yayılım göstermesine dolayısıyla genetik çeşitliliğinin oldukça yüksek olmasına olanak tanımıştır (Mars, 2000). Amerika Birleşik Devletleri (Georgia) 35 aksesyondan oluşan koleksiyona, Azerbaycan, Ukrayna, Özbekistan ve Tacikistan yaklaşık 200-300 aksesyondan oluşan bir koleksiyona, Türkmenistan 1117 aksesyondan oluşan bir genetik koleksiyona ve İran 760 çeşit ve genotipten oluşan bir genetik koleksiyona sahiptir (Parvaresh ve ark, 2012). Nar yetiştiriciliği, özellikle Akdeniz'e kıyısı olan ülkelerde yaygın olarak yapılmaktadır. Dünyada nar yetiştiriciliğinin yapıldığı ailanların görüldüğü harita Şekil 1.1.'de verilmiştir.

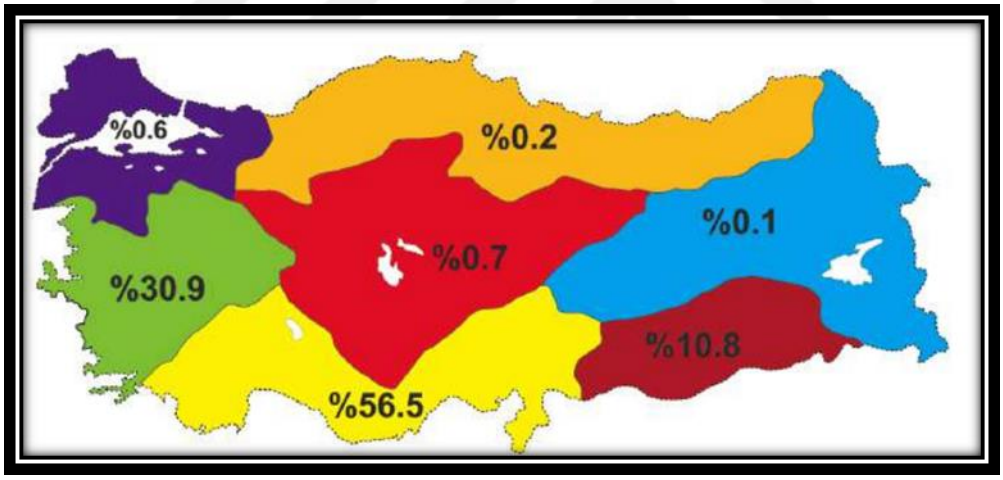


Şekil 1.1. Dünyada Nar Yetiştiriciliğinin Yapıldığı Bölgeler

Dünyada nara olan talep, yıldan yıla artış göstermektedir. Dünyada nar üretiminde ilk sırada 1.789.310 ton ile Hindistan yer almaktadır. Hindistan çok geniş bir coğrafyaya sahip olması nedeniyle ülkede, her mevsim nar hasadı

yapılabilmektedir. Nar üretiminde ikinci sırada 1.000.000 ton ile İran, üçüncü sırada 800.000 ton ile Çin ve dördüncü sırayı 537.000 ton ile Türkiye yer almaktadır (Dursun ve ark, 2019).

Türkiye, Akdeniz havzasında yer alan ve narın anavatanı olan bir ülkedir. Aynı zamanda uygun iklim ve coğrafi özelliklere sahip olması nedeniyle ülkemizde her bölgede nar yetiştiriciliği yapılmaktadır. Ülkemizde her bölgede nar yetiştiriciliği yapılmasına karşın Akdeniz, Ege ve Güneydoğu Anadolu bölgelerinde yetiştiricilik yaygındır (Özgüven ve Yılmaz, 2000; Şimşek, 2018). Akdeniz Bölgesi yıllık nar üretiminin yaklaşık % 56'sını karşılayarak ilk sırada yer almaktadır. Ege Bölgesi % 31 ile ikinci sırada ve Güneydoğu Anadolu Bölgesi % 11'lik oranla üçüncü sırada yer almaktadır (Dursun ve ark., 2019). Ülkemizde nar üretiminin yapıldığı yerler ve üretim oranları, Şekil 1.2'de verilmiştir.



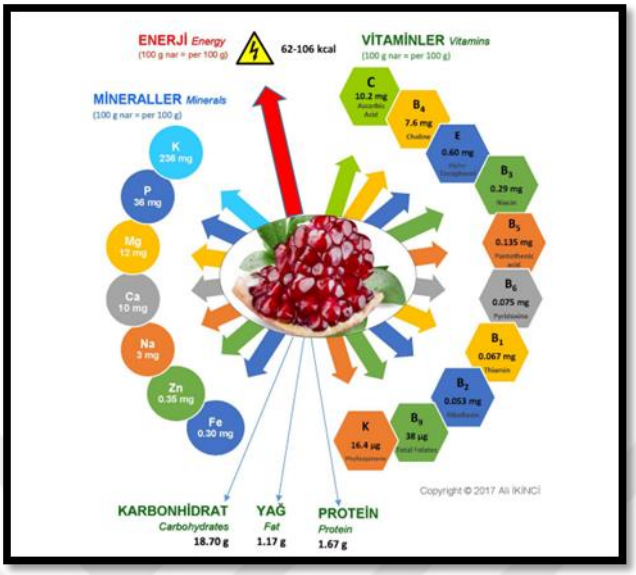
Şekil 1.2. Türkiye'de Nar Yetiştiriciliği Yapılan İller (TÜİK, 2019)

Türkiye, dünya nar üretiminde dördüncü sırada yer almasına karşın dünya nar ihracatı sıralamasında üçüncü sırada yer almaktadır. 2019 yılı verilerine göre ülkemizde 559.171 ton nar üretimi yapılmıştır ve bu miktarın üçte biri (200 bin

ton) ihraç edilmiştir. Irak, Rusya, Almanya ve Ukrayna başta olmak üzere farklı birçok ülkeye nar ihracatı yapılmaktadır (TÜİK, 2019).

Türkiye'de yaklaşık 300 bin dekarlık alanda nar yetiştiriciliği yapılmaktadır. Yaklaşık 600 bin tonluk üretimde en büyük pay Antalya iline aittir. Antalya, 130.031 ton ile ilk sırada yer almaktadır. 87.239 ton ile Mersin, ikinci, 71.066 ton ile Adana, üçüncü ve 59.608 ton ile Muğla, dördüncü sırada yer almaktadır (TÜİK, 2019).

2002 yılı nar üretim miktarı 60 bin ton iken, 2019 yılı üretim miktarı 559 bin tondur (TÜİK, 2019). Özellikle 2000'li yıllardan sonra üretiminde önemli artışlar olmuştur. Talepte yaşanan artışlar yetiştiriciliğe ilgiyi arttırmış ve üretim miktarlarında ciddi yükselmelere neden olmuştur. Talepte yaşanan artışların en büyük nedeni narda bulunan değerli fitokimyasallardır. Nar meyvesi, mineral, vitamin, antioksidan polifenol ve tanenler bakımından oldukça değerlidir (Zhao ve ark, 2013). Yüksek miktarda biyoaktif bileşenler içeren gıdalar sınırlıdır. Nar, sağlıklı gıda ve gıda ürünleri için en iyi örneği temsil etmektedir. Nar meyveleri, taze ve farklı işlenmiş şekillerde (meyve suyu, reçel, jöle, sirke, şarap, yağ ve ekstre olarak) yaygın olarak tüketilmektedir (Şimşek ve İkinci, 2017; Khan ve ark, 2018: Mena ve ark, 2011; Tehranifar ve ark, 2010; Zaouay ve ark, 2012).



Şekil 1.3. 100 gr Narda Bulunan Besin İçerikleri (Şimşek ve İkinci, 2017)

Narın tedavi edici özelliğinden dolayı son zamanlarda popülaritesi artmıştır. Özellikle doğal antioksidanlar olarak görev alan punikalajin, ellagik asit, gallotanninler, antosiyaninler gibi bazı fenolik bileşikler bakımından zengin ve serbest radikallere karşı koruyucu fonksiyona sahiptir. Nar, temel olarak hem düşük hem de yüksek yoğunluklu lipoproteinin ve oksidasyonunun önlenmesinde koruyucu bir rol üstlenmektedir. Ayrıca kan basıncını düzenlemede, enfeksiyonları ve aterosklerozu önlemede, prostat kanseri dahil birçok kanser türünde, kardiovasküler hastalıklarda ve HIV-1'den kaynaklanan problemlere karşı olumlu yararları bulunmaktadır. Bu yararlı etkiler, yüksek antioksidan aktiviteye, fenolik asitlere, antosiyanin ve askorbik asit dahil birçok vitamin, organik asit, fenolik bileşikler, şekerler, suda çözünür vitaminler ve minerallere bağlıdır (Zhaove ark, 2013: Khan ve ark, 2018; Mena ve ark, 2011; Tehranifar ve ark, 2010; Zaouay ve ark, 2012).

Nar talebinde artışların görülmesi yetiştiricilik faaliyetlerinin artmasına ve nar üretim miktarının hızla yükselmesine olanak tanımıştır. Nar yetiştiriciliğinde

artışların görülmesi yetiştiricilikte var olan problemlerinde gündeme gelmesine neden olmuştur. Nar yetiştiriciliğinde diğer meyve türlerinde olduğu gibi pek çok sorun vardır. Nar yetiştiricilikte yaşanan sorunların başında meyve çatlama problemi gelmektedir. Meyve çatlaması fizyolojik bir sorundur ve birçok meyve türünde görülmektedir. Elma, armut, erik, şeftali, kayısı, kiraz, vişne, portakal, mandarin, liçi, ananas ve nar meyve çatlama problemi görülen türlerden bazılarıdır.

Meyve çatlaması meyve kabuğunda görülen ani kırıklar veya yırtılmalardır. Meyve çatlaması nar yetiştiriciliğinde görülen en önemli problemdir. Narda meyve çatlaması, meyve olgunluk döneminde görülmektedir ve olgunluk süresi ilerledikçe çatlama oranı da artmaktadır. Meyve çatlaması, genellikle olgunluk döneminde nar danelerinin su içeriğinde artışların olması ve meyve iç gelişiminin kabukta basınçlar oluşturarak meyve kabuğunda fiziksel hasara neden olmasıdır. Narda meyve çatlamasının birçok nedeni vardır. Derimin gecikmesi, derim dönemi yağışlar, olgunluk döneminde aşırı ve düzensiz sulama, güneş yanıkları, fiziksel hasarlar, bazı hastalık ve zararlıların etkileri ve genetik özellikler çatlamaya neden olan faktörlerden bazılarıdır (Yilmaz ve Özgüven, 2012).

Genetik faktörler çatlamaya neden olan en önemli unsurdur. Meyve çatlama oranları çeşitten çeşide farklılıklar göstermektedir. Aynı ekolojik şartlarda ve aynı kültürel koşullarda yetiştirilen farklı çeşitlerde meyve çatlama oranlarının farklılık göstermesi sorunun genetik yapıyla ilişkili olduğunu göstermektedir (Yilmaz ve Özgüven, 2012; Khadivi-Khub, 2015). Narda meyve çatlama problemi nar yetiştiriciliğinde en önemli sorunlardan biri olmasına karşın çatlama ile ilgili resmi istatistiksel veriler bulunmamaktadır. Bilimsel kaynaklar narda meyve çatlama probleminin toplam verim üzerinde % 50'ye varan kayıplara neden olduğunu bildirilmektedir (Yazıcı ve Ercişli, 2017; Bakeer, 2016). Narda meyve çatlama probleminin genetik yapısının anlaşılması ve yaşanan ekonomik kayıpların önüne geçilmesi için çatlama probleminin moleküler düzeyde incelenmesi ve elde edilecek bilgilerin ıslah programlarına entegre edilerek çatlamaya dayanıklı çeşitlerin geliştirilmesi ile mümkündür (Sekse, 1997).

Moleküler biyoloji alanında yaşanan hızlı ve etkili gelişmeler, bu alanda birçok yeni tekniğin ve teknolojinin geliştirilmesine olanak tanımıştır. PCR'ın keşfi, Sanger dizileme ve sonrasında geliştirilen Yeni Nesil Dizileme (YND) teknolojileri, moleküler biyoloji alanında önemli gelişmelere olanak tanımıştır. Özellikle ''İnsan Genom Projesi'' sonrasında dizileme teknolojilerinde yaşanan gelişmeler, sistem biyolojisi ve postgenomik alanın hızla gelişmesine, farklı organizmalara ait genom ve transkriptom bilgilerinin edinilmesine olanak tanımıştır (Açar ve Kaçar, 2021; Behjati ve Tarpey, 2013; Dölarslan ve ark., 2017; Dönmez ve ark, 2015; Mullis ve ark, 1986; Sanger ve ark, 1977; Üstek ve ark, 2011).

YND teknolojileri, masif paralel sekanslama veya derin sekanslama olarak tanımlanmaktadır. YND teknolojileri, organizmaya ait tüm genetik bilgilerin ve genetik bilgilere ait sekans dizilerinin elde edilmesine olanak tanıyan ileri bir teknolojidir. Dizileme teknolojileri genom, ekzon, transkriptom (RNA-Seq) dizileme, DNA-protein etkileşim analizine, mRNA ve mikro RNA profillerinin çıkarılmasına, DNA metilasyon bölgelerinin, RNA ve transkripsiyon faktörü bağlanma bölgelerinin karakterizasyonuna ve metagenomik analizlere olanak tanıyan ve son geliştirilen platformlar sayesinde kromozom yapısının ve yapıya ait sekans bilgisinin elde edilmesine fırsat tanıyan teknolojilerdir. YND teknolojileri ile organizma veya spesifik dokulara ait genetik bilgiler, kısa sürede, kolay ve düşük maliyetle elde edilmektedir (Behjati ve Tarpey, 2013; Liu ve ark, 2012).

YND teknolojileri farklı kimyasal reaksiyonları temel alan çok farklı platformları içermektedir. Roche 454 GS FLX, Illumina Genome Analyzer, Pasific BioScience, Helicos BioScience, Applied BioSystem SOLİD, Ion Toren, Complete Genomics, Oxford Nanopor önde gelen dizileme platformlarıdır. Her platformun kendine özgü birtakım özellikleri mevcuttur. Sentez özelliği okuma uzunluğu, okuma derinliği, okuma boyutu (veri boyutu), okuma süresi ve maliyeti platformları farklı kılan özelliklerdir. Dizileme platformlarına ait özellikler, Şekil 1.4'te verilmiştir (Derelli Tüfekçi, 2016).

Platform	Roche 454 GS FLX	Illumina	ABI/SOLID	Helicos Biocience	Pacific Biocience	Ion Torrent	Oxford Nanopore
Yeni nesil dizileme	İkinci nesil	İkinci nesil	İkinci nesil	İkinci nesil	Üçüncü nesil	Üçüncü nesil	Dördüncü nesil
Dizileme yolu	Pirodizileme	Sentez yoluyla dizileme	Ligasyon yoluyla dizileme	Tek molekül dizileme	Gerçek zamanlı dizileme	Sentez yoluyla dizileme	Tek molekül dizileme
Tespit kimyası	Kemilüminesans	Floresans	Floresans	Floresans	Floresans	Proton salınımı	Elektrik akımı
Okuma uzunluğu (nt)	400-750	150	25-35	25-30	10,000	100-200	5,400
Dizileme verimi (Gb)	0.70	1,000-1,200	120	25	0.5-1.0	100	Bilinmiyor
Verimliliği	Yüksek	Çok yüksek	Çok yüksek	Yüksek	Yüksek	Çok yüksek	Bilinmiyor
Hata oranı	%0.1	%0.1	%0.01	%0.1	%10	%2	%4
Çalışma süresi	10 saat	1-10 gün	8 gün	8 gün	0.5-2.0 saat	2 saat	0.25-6.0 saat
Avantajı	-Ürün okuma uzunluğu >400 nt	-100 pg'dan az örnek miktarı -Yüksek verim ve doğruluk	-Yüksek doğruluk	-Protik örnek hazırlama -Doğrudan nükleik asit dizileme	-DNA çoğaltımına ihtiyaç duymaması	-Yüksek doğruluk -Kısa çalışma süresi	-En hızlı genom dizileme platformu
Dezavantajı	-Homopolimerik bölgelerde hata oranı -Ürün ve yorucu örnek hazırlama aşamaları	-Kısa okuma uzunluğu <200 nt	-Yüksek başlangıç materyali -Ürün okuma süresi -Kısa okuma uzunluğu <40 nt	-Ürün okumalar için yüksek hata oranı	-Yüksek hata oranı	-Tekrarlı diri bölgelerde yüksek hata oranı	-Yüksek hata oranı

Şekil 1.4. Dizileme Platformlarına Ait Özellikler (Derelli Tüfekçi, 2016).

Illumina Genome Analyzer, sentez yoluyla dizileme yapan bir platformdur. Sekanslama tekniği, her biri farklı floresan boyalarla etiketlenmiş nükleotidlerin dizileme-sentez prensibine dayanmaktadır. Sentez basamağı, adaptörlerin takılı olduğu DNA molekülünün katı bir zemine tutturulması ve sonrasında tamamlayıcı adaptörlerle hibridize olan ipliklerin sentezine dayanır. Köprü PCR amplifikasyonundan sonra 40 milyondan fazla küme ile akım hücresi oluşturulur ve her bir küme tek kalıptan 1000 kopya üretir. Sonlandırıcılar dört farklı floresans etiketli nükleotidi baz uzunluğuna göre birbirinden ayırır. Illumina tekniği, homopolimerk dizileri uzatmada etkin bir tekniktir. Ayrıca kısa okumalar yaparak 100 bazdan daha küçük fragmentlerin okunmasına ve sekanslanmasına olanak

tanımaktadır. Diğer dizileme platformları gibi Illumina platformuyla da, genom dizileme, ekzon dizileme ve RNA-Seq gibi farklı birçok çalışma başarılı bir şekilde yürütülmektedir (Behjati ve Tarpey, 2013; Dönmez ve ark, 2015; Üstek ve ark, 2011; Drelli Tüfekçi, 2016).

RNA Sekanslama (RNA-Seq), bir doku veya hücreye ait transkriptom profilinin oluşturulmasına, ploidi seviyesinin belirlenmesine, moleküler markör geliştirilmesine ve mRNA profilinin belirlenmesine olanak tanıyan YND teknolojisi tabanlı ileri bir tekniktir (Conesa ve ark, 2016). RNA'nın keşfi ve sonrasında DNA ile protein arasında oluşturduğu interaksiyon nedeniyle RNA her zaman ilgi kaynağı olmuştur. RNA'lar kompleks gen ekspresyon ağını kontrol eden, biyolojik ve fizyolojik reaksiyonlarla fenotip arasında ilişki kuran, çevre ile biyolojik sistemler arasında adaptasyonu sağlayan moleküllerdir. Tüm biyolojik proseslerle ilişkili genetik ve moleküler mekanizmanın aydınlatılmasında gen ekspresyon analizleri çok önemlidir. Gen ekspresyon analizlerinde Northern Blot, RT-PCR, qRT-PCR, SAGE ve Mikroarray ve RNA-Seq yöntemleri kullanılmaktadır. Northern Blot tekniği hibridizasyona dayanan eski bir tekniktir, RT-PCR ve qRT-PCR teknikleri, sınırlı sayıda genin ekspresyon düzeyinin belirlenebildiği tekniklerdir. Microarray, çok fazla genin ekspresyon düzeyinin belirlenmesine olanak tanıyan ileri bir tekniktir fakat ekspresyon düzeyi belirlenen genlerin sekans bilgisini (genom bilgisi) gerektirmektedir. RNA-Seq yöntemi ile herhangi bir referans genoma ihtiyaç duymadan, bir hücrenin sahip olduğu tüm transkiptlerin (Transkriptom) ekspresyon düzeyi belirlenebilir ve fonksiyonu bilinmeyen yeni genler tespit edilebilir. Bu nedenle son yıllarda gen ekspresyon çalışmalarının büyük bir kısmı RNA-Seq teknolojisi kullanılarak gerçekleştirilmektedir (Conesa ve ark, 2016; Guénin ve ark, 2009; Marguerat & Bähler, 2010; Velculescu ve ark, 1995).

Moleküler biyoloji alanında kullanılan RNA-Seq teknolojisi, temel bilimler başta olmak üzere tıp, eczacılık, veterinerlik ve ziraat alanında yoğun bir şekilde kullanılmaktadır (Saraç ve Yüksel, 2016; Yangın ve ark, 2019). Sekans

teknolojileri ile elde edilen çarpıcı ve devasa veriler birçok alanda olduğu gibi bitki ıslahı alanında da çok önemli bilgiler edinilmesine olanak tanımaktadır. Sekans teknolojileri, birçok bitkiye ait genom, transkriptom ve regülatif mekanizmalar hakkında yeni bilgilerin edinilmesine ve elde edilen bilgilerin özellikle bitki ıslahı alanında kullanılmasına olanak tanımaktadır. Küresel ısınma, tarımsal alanlara ayrılan arazilerin azalması, dünya nüfusundaki artış ve paralelinde yaşanan besin yetersizliği üreticileri ekolojik koşullara dayanıklı, hastalık ve zararlılardan etkilenmeyen, verimi yüksek ve minimum alandan yüksek verim alınan çeşitlere yönelimini zorunlu kılmıştır. Aynı zamanda değişen yaşam koşulları nedeniyle tüketiciler, sağlıklı ve besin içeriği zengin tarımsal ürünlere yönelmiştir. Üretici ve tüketici talebinde yaşanan tüm bu değişimler, değişen koşullara uygun çeşitlerin geliştirilmesini zorunlu kılmaktadır. Klasik ıslah yöntemleri ile var olan sorunlara yönelik çeşitlerin geliştirilmesi emek ve maliyet yoğun bir süreçtir. En önemli zorluk istenen özelliklere sahip çeşitlerin geliştirilmesinin çok uzun bir süreci kapsamasıdır. Bu nedenle son yıllarda geliştirilen ve bitki ıslahı alanına entegre edilen biyoteknolojik ve moleküler yöntemler kısa sürede ve düşük maliyetle çeşit geliştirilmesine olanak tanımaktadır. Çeşit geliştirilmesinde en önemli basamak bitkilerin sahip olduğu genetik yapının aydınlatılması, bitkilerin ekolojik ve kültürel koşullara verdikleri moleküler düzeydeki cevapların bilinmesi ve bitkilerde görülen fizyolojik, anatomik ve morfolojik problemlerin genetik temellerle olan ilişkisinin belirlenmesidir. Bu anlamda sekans teknolojileri sayılan tüm durum ve problemlerin aydınlatılmasında moleküler düzeyde devasa verilerin elde edilmesinde oldukça güçlü bir araçtır. Sekans teknolojileri ile elde edilen verilerin ıslah programlarına entegre edilmesi, değişen iklim koşullarına dayanıklı, hastalık ve zararlılardan etkilenmeyen, biyotik ve abiyotik stres koşullarına tolerant ve besin kompozisyonu zengin çeşitlerin kısa sürede geliştirilmesine olanak tanıyacak güçlü bir potansiyele sahiptir (Dolarslan ve ark, 2017; Dresselhaus ve Hückelhoven, 2018; Fu ve ark, 2017; Malik, 2016; Martin ve ark, 2013; Simsek ve ark, 2017; Türktaş ve ark, 2015; Vlk ve Řepková, 2017).

Bugüne kadar yapılan çalışmalar incelendiğinde, narda meyve çatlama problemi anatomik ve fizyolojik olarak incelenmesine karşın moleküler düzeyde bir araştırma bulunmamaktadır. Meyve çatlamasını tüm yönleri ile değerlendirebilmek için mekanizmanın moleküler düzeyde araştırılması önem arz etmektedir. Tez kapsamında, narda meyve çatlamasında görev alan genlerin RNA-Seq tekniği ile belirlenmesi, meyve çatlama problemine neden olan mekanizmanın ve mekanizmaya dahil olan genlerin tespit edilerek çatlamayla ilişkili olan moleküler temellerin aydınlatılması amaçlanmıştır.

2. ÖNCEKİ ÇALIŞMALAR

Narda meyve çatlamasıyla ilgili morfolojik, pomolojik, fizyolojik ve histolojik çalışmalar bulunmasına karşın moleküler çalışmalar oldukça sınırlıdır.

2.1. Narda Meyve Çatlaması ile İlgili Yürütülen Pomolojik ve Fizyolojik Çalışmalar

Hepaksoy ve ark (1998), bazı nar çeşitlerinde fizyolojik tepkiler, yaprak özellikleri ve besin içeriği ile meyve çatlama arasındaki ilişkiyi incelemişlerdir. Denemede Köyceğiz (çatlamaya duyarlı), Siyah (duyarlı), Çekirdeksiz (orta duyarlı), Feyiz (orta duyarlı), Kadı (dayanıklı) ve Lefon (dayanıklı) çeşitleri kullanılmıştır. Sonuçta, makro besin maddeleri arasında azotun meyve çatlaması üzerine etkili olduğu, yaprakta N (azot) düzeyinin artmasıyla meyve çatlama oranının da arttığı, meyve kabuğu N içeriğinin, yapraklardaki N içeriğinden önemli bir şekilde etkilendiği rapor etmişlerdir.

Mostafa (1998), yürüttüğü çalışmada, Manfolouty nar çeşidinde glutathione uygulamasının meyve çatlaması, verim ve meyve gelişimi üzerine etkilerini incelemiştir. Çalışmada, 25, 50 ve 75 ppm glutathione dozları, çiçeklenmeden 3 ve 4 hafta sonra uygulanmıştır. Araştırmada, gulutahione uygulamasının meyve ağırlığı ve erken olgunlaşma üzerine olumlu etkisinin olduğu, meyve suyunun kuru madde miktarını arttırdığı ve tüm uygulamaların meyve çatlamasını azalttığı bildirilmiştir.

Zhu ve ark (1998), Tiepiqing ve Hongpitian nar çeşidi meyvelerini torbalara almanın kabukta oluşan lekelenmeyi, kullanılan torba çeşidine göre % 10-58.5 oranında ve meyve çatlamasını ise % 2-3 oranında azalttığını bildirmişlerdir.

Prasad ve Bankar (2000), Jodhpur Red, Ganesh, Basin Seedless, Dholka, GKVK-1, G-137, P-23, P-26 ve Jalore Seedles nar çeşitlerinin 4 yıl boyunca kurak koşullarda performanslarını incelemişlerdir. İncelemeler sonucunda elde edilen verilere göre Jalore Seedless nar çeşidi, yumuşak çekirdekli, en iri meyveleri veren

ve en yüksek su içeriğine sahip çeşit olarak belirlenirken en düşük meyve çatlama oranı da yine Jalore Seedless çeşidinde görüldüğünü tespit etmişlerdir.

Prasad ve ark (2002), kurak bir bölgede damla sulamanın narda gelişme, verim ve meyve kalitesi üzerine etkilerini inceledikleri araştırmalarında, damlama sulama ile sulanan narların sürgünlerinin, geleneksel sulama ile sulananlara göre daha güçlü geliştiği, meyve çatlamasını azalttığı, meyve ağırlığını, meyve boyutlarını ve meyve su içeriğini iyileştirdiğini bildirmişlerdir. Aynı zamanda damlama sulama ile kuru madde içeriğinin önemli bir düzeyde azaldığını belirlemişlerdir.

Singh ve ark (2003), yapmış oldukları çalışmada, Jalore çekirdeksiz nar çeşidini kullanmışlar ve narda meyve çatlaması üzerine bor (% 0.1, 0.2, 0.3 ve 0.4) ve GA_3 (10, 20, 50 ve 100 ppm)'ün etkisini araştırmışlardır. Deneme sonucunda en az çatlama oranının % 0.2 bor konsantrasyonu uygulamalarında görüldüğünü tespit etmişlerdir.

Yılmaz ve Özgüven (2006), narda hasat öncesi meyve çatlamasının bitki hormon içeriğini incelemişlerdir. Denemelerde İzmir 10, İzmir 15, İzmir 16, İzmir 23, İzmir 26, Silifke Aşısı ve Hicaz çeşitlerini kullanılmıştır. Çalışma kapsamında kullanılan tüm çeşitlerin meyve kabuğunda ABA, IAA ve GA_3 içeriği ölçülmüştür. Aynı zamanda verim ve meyve çatlama oranları belirlenmiştir. Araştırma sonuçlarına göre, en düşük meyve çatlama oranı İzmir 16 çeşidinde görülmüştür. Meyve kabuğu ABA içeriği genellikle çatlamış meyvelerde çatlama olmayan meyvelere oranla daha yüksek olarak tespit edilmiştir.

Yılmaz ve Özgüven (2009), meyve çatlama oranını azaltmak amacıyla, Hicaz ve Silifke Aşısı nar çeşitlerinde farklı besin elementleri (borik asit, magnezyum sülfat ve potasyum nitrat), GA_3 ve Pinolen uygulamaları yapmışlardır. Çalışmada, meyve çatlama oranı hasat döneminde belirlenmiş, pomolojik analizler hasattan sonra yapılmıştır. Çalışma sonunda meyve çatlamasına karşı en etkili uygulamanın GA_3 olduğu tespit edilmiştir. Ayrıca çalışmada uygulanan 150 ve 200

mg/L GA_3 konsantrasyonunun meyve olgunlaşmasını ve yaprak dökülmesini geciktirdiğini bildirmişlerdir

Abd El-Rhman (2010), Manfaluty nar çeşidinde kontrollü sulama ile birlikte kaolin (% 6) ve çinko sülfat (% 1) uygulamalarının meyve kalitesine ve meyve çatlama oranına olan etkilerini araştırmıştır. Yapılan çalışmada tüm uygulamaların meyve çatlama oranlarını azalttığı fakat en düşük meyve çatlama oranının kontrollü sulama ve çinko sülfat uygulaması ile elde edildiğini bildirmiştir

Prativa ve ark (2013), Kandhari nar çeşidinde *in situ* toprak nemi koruma, forchlorfenuron (CPPU) ve borun meyve çatlaması üzerine etkisini araştırmışlardır. Meyve çatlama oranı 5 ppm CPPU uygulamasında en az seviyede olduğu tespit etmişlerdir

Abubakar ve ark (2013), Kandahari nar çeşidinde biyostümilantların yapraklara sprey olarak uygulanmasının meyve çatlaması ve kalite üzerine etkilerinin araştırıldığı çalışmada vipul, spic sitozim, homobrassinolidler, biyomim ve vipul + homobrassinolidle biyostümülantlarını kullanılmıştır. Çalışma sonucunda en yüksek meyve uzunluğu, meyve çapı, meyve ağırlığı, meyve hacmi ve minimum meyve çatlama oranının spic sitozimle (4 mg/L) uygulanan ağaçlarda kaydedildiğini bildirmişlerdir.

Bakeer (2016), tarafından 2013-2014 yılları arasında yürütülen çalışmada Manfalouty nar çeşidinde dört farklı orandaki amonyum nitrat gübresinin (600, 900, 1200 ve 1500 g/ağaç) ve üç farklı konsantrasyondaki kalsiyum uygulamalarının (% 0, 1 ve 2) büyüme parametreleri, verim ve meyve çatlaması ile güneş yanığı hasarı üzerine etkilerini araştırmıştır. Çalışma sonucunda amonyum nitrat gübresinin ve kalsiyum klorürün tek başına veya kombinasyon halinde bitkiye verilmesinin vejetatif gelişme parametrelerini, verimi ve meyve kalitesini arttırdığını buna karşın meyve çatlama oranını ve güneş yanığı hasarını azalttığını bildirmiştir

Farag ve ark (2018), 2014 ve 2015 yıllarında Mısır'da, Nubaria bölgesinde damlama sulama sistemi ile kurulan özel bir bahçede Wonderful nar çeşidine,

meyve çatlama oranını azaltmak amacıyla kalsiyum borat (100-200 ppm), EDTA (100-200 ppm) ve şelatlı çinko + kalsiyum nitrat (% 1) uygulamaları yapmışlardır. Ayrıca, meyvelerin renklenmesini arttırmak için, olgun meyvelere 100 ppm ProTone + % 1 ABA, 100 ppm ProTone + % 1 gliserol, 100 ppm ProTone + % 1 potasyum sülfat, 100 ppm ProTone + % 1 potasyum sülfat + % 1 gliserol uygulamaları yapmışlardır. Yapılan çalışmada 200 ppm kalsiyum borat uygulamasının meyve çatlamasını ve güneş yanıklığını azaltmada etkili olduğu bildirilmiştir. Ayrıca ProTone + potasyum sülfat + gliserol içeren kombinasyonun kabuktaki antosiyanin içeriğini ve meyve suyundaki toplam şeker miktarını arttırmada tutarlı bir etkiye sahip olduğu rapor edilmiştir

Bashir ve ark (2019), kurak koşullar altında meyve çatlamasını azaltmak amacı ile Golden nar çeşidine borik asit (% 0.05), potasyum nitrat (% 1.0) ve magnezyum sülfat (% 1.0) uygulamaları yapılmıştır. Çalışmada uygulamaların verim parametrelerinde (maksimum meyve sayısı, ortalama meyve ağırlığı ve bitki başına verim) parametrelerinde olumlu sonuçlar gözlendiğini ve minimum meyve çatlaması (% 3.9) kaydedildiği belirtilmiştir. Böylece, borik asit + potasyum nitrat + magnezyum sülfat uygulamasının yarı kurak koşullar altında meyve çatlamasını azaltmak ve nar meyvelerinin verim ve kalitesini artırmak için kullanılabileceğini önermişlerdir

2.2. Narda Yürütülen Moleküler Çalışmalar

Durgaç vd. (2008), Hatay yöresinden selekte edilen 6 yerel çeşidin genetik yakınlıklarının belirlenmesi amacıyla RAPD markör sistemlerinden yararlanışlardır. Çalışada, İncekabuk, Ekşi nar, Kan narı, Katırbaşı, Şerife ve Tatlı nar çeşitleri kullanılmıştır. Yapılan kümele analizinde Katırbaşı ve Kan narı çeşitlerinin genetik olarak benzerlik gösterdiği ve diğer çeşitlerden farklı bir küme oluşturduğu belirtilmiştir. Çalışmada kullanılan 22 RAPD primerinden toplamda 106 band elde edildiği ve bu bantların % 22'sinin polimorfik olduğu rapor

edilmiştir. Çalışmada kullanılan Şerife ve Tatlı nar çeşidinin genetik olarak çok yakın olduğu vurgulanmıştır.

Attanayake vd. (2017), Sri Lanka'da bulunan yerel genotiplerin genetik yakınlıklarının belirlenmesi amacıyla yürüttükleri çalışmada ISSR markörlerinden yararlanmışlardır. Çalışmada Sri Lanka'nın farklı bölgelerinden selekte edilen 120 nar genotipi 20 ISSR markörü ile taranmıştır. Analizlerde ISSR markörlerinden 107 lokus amplifiye edildiği ve elde edilen polimorfizim oranının % 3 olduğu bildirilmiştir. Analizler sonucunda nar genotiplerine ait genetik yakınlık düzeyinin 0.141 ile 0.149 arasında değiştiği vurgulanmıştır.

Amar ve El-Zayat (2017), Mısır'da yetişen 6 yerel nar genotipi (Manfalouti, Nab El-Gamal, Hegazy, Wardi, Assuity, Araby) ile Wonderful çeşidinin genetik yakınlıklarını araştırmışlardır. Çalışmada genetik yakınlıkların belirlenmesi amacıyla 24 STR, 16 ISSR ve 30 SRAP marköründen yararlanılmıştır. Çalışmada SRAP markörlerinden toplamda 1411 allel elde edildiği ve bu allelerin 312 adedinin polimorfik olduğu bildirilmiş ve analiz sonucunda PIC değerinin 0.94 olduğu vurgulanmıştır. Analizlerde STR markör sonuçları ile SRAP sonuçlarının çok benzerlik gösterdiği belirtilmiştir. Çalışmada kullanılan markör sistemlerinden elde edilen bilgiler doğrultusunda, Mısır'da yaygın olan 6 nar genotipinden Manfalouti ve Nab El-Gama genotiplerinin Wonderful çeşidi ile benzerlik gösterdiği ve genetik olarak yakın olduklarını rapor edilmiştir.

Zarei ve Sahraroo (2018) yürüttükleri bir çalışmada, beş farklı bölgeden selekte edilen 50 farklı nar genotipinin moleküler karakterizasyonunu yapmak amacıyla 15 farklı SSR markörü kullanmışlar ve nar genotiplerinin filogenetik analizi yapmışlardır. Analiz sonucunda nar genotiplerinin polimorfizim oranını 0.18 - 0,58 arasında bir değere sahip olduğunu bildirmişlerdir. Ayrıca SSR markörleri kullanılarak gerçekleştirilen kümeleme analizinde, genotiplerin coğrafi bölgelerine göre kümelendiğini bildirmişlerdir.

Sonawane vd. (2018) Hindistana'da bulunan yerel genotiplerin moleküler karakterizasyonunu yapmak amacıyla yürüttükleri çalışmada SSR markörlerinden

yararlanmışlardır. Çalışmada 16 farklı nar genotipi kullanılmıştır. Yapılan analiz sonucunda genotipler arasında 0.80 – 1 oranında benzerlik olduğu bildirilmiştir.

Dong vd. (2021), narda tuz stresi altında *NHX* gen ailesine ait bazı genlerin eksprsyon düzeyindeki değişimleri qRT-CPR ile analizi ile belirlemişlerdir. Analiz için 10 farklı *NHX* geni kullanılmıştır. *NHZ* gen ailesi Na ve H iyonlarının transportunda sorumlu gen ailesidir. Tuz stresinde Na ve H iyonlarının regülasyonunu gerçekleştirerek bitkide toksik durumların oluşmasını önleme fonksiyonundan sorumludurlar. Çalışmada 0, 100, 200 ve 300 mM konsantrasyona sahip tuz çözeltileri kullanılmıştır ve stres denemesi 18 gün sürdürülmüştür. Dene sonunda bitkilerden alınan kök ve yaprak dokuları kullanılmıştır. Yapılan analiz sonucunda bitkilerde oluşan ekspresyon düzeyindeki değişimlerin dokuya özgü olduğu ve yaprakta, birçok genin ekspresyon düzeyinde artışların olduğu, kökte ise azalış olduğu bildirilmiştir.

Zhao vd. (2020), narda *MAD-BOX* gen ailesinin tanımlanması, filogenetik kökeni ve bazı MAD-BOX genlerinin ekspresyon düzeyinin belirlenmesini amaçlamışlardır. Çalışmada *MAD-BOX* genlerine ait sekans verileri NCBI veri bankasından alınmıştır. NCBI veri bankasından alınan verilerin biyoinformatik analizleri sonucunda 36 *MAD-BOX* geninin tanımlandığı ve tanımlanan genlerin 14 altsınıftan oluştuğu bildirilmiştir. Çalışmada, belirlenen *MAD-BOX* genlerinden bazıları qRT-PCR reaksiyonlarında kullanılmıştır. Reaksiyonlarda yaprak, kök, çiçek, meyve, endokarp ve perikarp dokuları kullanılmıştır. Analizler sonucunda tohum, kabuk, perikarp ve endokarp dokularında MAD-BOX genlerinin ekspresyon düzeyi diğer dokulara kıyasla daha yüksek çıktığı vurgulanmıştır.

Zhao vd. (2020), NCBI veri bankasından temin edilen transkriptom verilerinden yararlanarak *YABBY* transkripsiyon faktörü gen ailesine ait genlerin filogenetik analizini, motif analizini ve bazı *YABBY* genlerin ekspresyon düzeyini analiz etmişlerdir. *YABBY* gen ailesi, çiçek gelişimi, hormon regülasyonu, ve stres yanıtlarının oluşumundan sorumlu gen ailesidir. Çalışmada farklı gelişme dönemlerinde alınan erkek ve dişi çiçek dokuları kullanılmıştır. Yapılan filogenetik

analizler sonucunda *YABBY* gen ailesinin beş farklı gruptan oluştuğu belirlenmiştir. qRT-PCR reaksiyonlarından yararlanılarak 8 *YABBY (YABBY 1, YABBY2, YABBY3, YABBY5, INO, PgCRC*) geninin ekspresyon düzeyi belirlenmiştir. Çalışmada *YABBY1* ve *YABBY3* genine ait ekspresyon düzeyinin dişi çiçek oluşumunun ilk aşamalarında oldukça düşük olduğu ve erkek çiçekte meydana gelen gen ekspresyon düzeyinin ise dişi çiçekten düşük olduğu bildirilmiştir. *YABBy5* ve *PgCRC* gen ekspresyon düzeyinin özelikte dişi çiçekte çok yüksek olduğu ve bu yükselişin özellikle çiçeklenmenin ilk safhalarında görüldüğü bildirilmiştir. *INO* genine ait ekspresyon düzeyinin diğer genlerden farklılık gösterdiği ve *INO* geninin ekspresyon düzeyindeki artışların özellikle çiçeklenmenin son safhalarında görüldüğü bildirilmiştir. Analizler sonucunda YABBY transkripsiyon faktörü gen ailesinin çiçek gelişimi, çiçek morfogenezizi ile çiçek organlarının büyüme ve gelişme sürecini regüle ettiğini ve gen ailesine ait üyelerin farklı çiçek gelişim safhaları ile ilişkili olduğunu vurgulamışlardır.

Lui vd. (2020), narda kök, gövde ve yaprak dokularında *CLC* gen ailesine ait bazı genlerin ekspresyon düzeyini araştırmışlardır. *CLC* gen ailesi bitki dokularında, özellikle tuz stresi koşullarında bitkide Cl^- anyonları dahil birçok anyonun regülasyonundan ve bitkide oluşturacağı toksik durumların giderilmesinden sorumlu gen ailesidir. Çalışmada 0, 100, 200 ve 300 mM konsatrasyona sahip tuz çözeltileri kullanılarak stres denemesi kurulmuştur. qRT-PCR reaksiyonları sonucunda dokulara ait gen ekspresyon analizinde gen ekspresyon düzeyinin dokuya spesifik oluştuğu bildirilmiştir. Alınan sonuçlara göre genlere ait ekspresyon düzeyi yaprak ve gövde dokularında yüksek olduğu, kök dokusunda ise düşük seviyede kaldığı rapor edilmiştir.

Zhang vd. (2021), gen bankasında mevcut olan nar genom bilgisini kullanarak *OMT (O-methyltransferases)* gen ailesinin tanımlanmasını ve gen ailesinin filogenetik yapısını analiz etmişlerdir. Gen ailesinin tanımlanmasına yönelik biyoinformatik analizler yapılmıştır. Biyoinformatik analizler sonucunda nar genomunda beş farklı gruptan oluşan 58 *OMT* geni tanımladıklarını

bildirmişlerdir. *OMT* gen ailesinin genom boyunca oluşan duplikasyonlarla meydana geldiğini vurgulamışlardır. OMT gen ailesi, antosiyanin metilasyonundan, antosiyanin biyosentez regülasyonundan ve ekolojik stres koşullarına karşı bitkinin korunmasından sorumludur. Analizler sonucunda belirlenen bazı genlerin ekspresyon düzeyinin belirlenmesi amacıyla qRT-PCR reaksiyonları yapmışlardır. Analizlerde meyve kabuğu ile meyve danesi doku olarak kullanılmış ve analizler sonucunda *OMT* genlerinin ekspresyon düzeyinin dokuya spesifik olarak değişiklik gösterdiği bildirilmiştir. Analizlerde kullanılan beş farklı *OMT* geninden (*OMT01, OMT02* ve *OMT03*) bazı genlerin yalnızca kabukta, bazı genlerin *(OMT07 ve OMT10*) yalnızca danede eksprese olduğu bildirilmiştir. Analiz edilen genlerin ekspresyon düzeyi incelendiğinde *OMT* gen ailesine ait bazı genlerin, antosiyanin metilasyonunda görev aldıkları ve bazı genlerin ise antosiyanin biyosentez regülasyonundan sorumlu oldukları vurgulanmıştır

2.3. Narda Yürütülen RNA-Seq Çalışmaları

Ona ve ark (2011), insan beslenmesinde oldukça önemli bir meyve türü olan narda, doğal fitokimyasal biyosentezi ile ilişkili moleküler mekanizmanın aydınlatılması amacıyla Genom Analyzer platformu kullanılarak dizileme çalışması yürütmüşlerdir. Dizile sonucunda yaklaşık 100 milyon ham sekans okuması ve 9389 transkript bilgisine ulaşılmıştır. Çalışma sonucunda hidrolize edilebilir tanin, antosiyanin, terpenoid ve flavonoid aday genleri ve biyosentez regülasyonları ile ilgili mekanizmalar aydınlatılmıştır. Ayrıca üç lipid transfer proteini ile ilişkili 115 SSR markör belirlenmiştir.

Ophir ve ark (2014), fenotip olarak farklılık gösteren iki farklı nar genotipinde detaylı bir dizileme çalışması yürütmüşler ve çalışmada RNA-Seq analizinden yararlanmışlardır. RNA dizileme çalışmalarında yaprak, kök, çiçek ve meyve dokuları kullanılmıştır. Dizilemede 454-GS-FLX Titanium teknolojisi kullanılmıştır. Sekanslamada *de novo* analizlerinden yararlanılarak karşılaştırmalı

transkriptom analizini yapılmıştır. Analizler sonucunda 7155 SSR ve 6500 SNP markörü belirlenmiştir. Belirlenen SNP'ler arasından 450 tanesi, 105 farklı nar genotipinin genetik çeşitliliğini araştırmak amacı ile kullanılmıştır.

Akgöl (2016), narda yumuşak-sert çekirdek oluşum mekanizmasını moleküler, histolojik ve biyokimyasal yöntemler kullanarak araştırmıştır. Çalışmada sert çekirdekli olarak bilinen Hicaz nar çeşidi ile yumuşak çekirdekli 33N26 nar çeşidine ait dane dokuları kullanılmıştır. Çalışmada iki nar çeşidinde kendileme çalışması gerçekleştirilmiştir. Kendileme çalışmalarını takiben belirli safhalarda alınan tohum dokularında lignin oluşumu incelenmiştir. Lignin oluşumunu histolojik ve biyokimyasal yöntemler kullanılarak belirlenmiştir. Lignin oluşumunun başladığı ve arttığı dönemlerde alınan tohumlar kullanılarak RNA-Seq analizleri yürütülmüştür. RNA-Seq analizi sonucunda toplamda 59 264 baz okuma elde edilmiştir. Okumaların genoma haritalanması sonucunda 12328 Unigen tespit edilmiştir. Transkriptom analizi ile lignin oluşumunda rol oynayan fenilproponoid biyosentez mekanizması önemli bulunmuş ve lignin biyosentezi ile ilişkili genler tespit edilmiştir.

Saminathan ve ark (2016), post-transkripsiyonel regülasyonlarda görev alan mikro RNA'ların (miRMA), büyüme ve gelişme üzerine olan etkilerinin araştırılması amacıyla mikro RNA dizileme çalışması yürütmüşlerdir. Çalışmada farklı gelişme dönemlerine ait nar meyve kabuğu ve daneleri, yaprak, dişi ve erkek çiçek dokuları kullanılmıştır. Sekanslama sonucunda örneklere ait 29, 948, 480 okuma elde edilmiştir. Elde edilen okumaların yaklaşık % 50'si 24 bp uzunluğundaki miRNA'lara ait olduğu tespit edilmiştir. Yapılan sekans analizleri sonucunda, mir 157, mir 156, mir 166 ve mir 168 gen ailelerinin en yoğun gen aileleri oldukları tespit edilmiştir. Ayrıca yaprak, erkek ve dişi çiçek ile farklı gelişme dönemlerine ait dokularda miR156, miR156a, miR159a, miR159b ve miR319b mikro RNA'larına ait ekspresyon düzeyinin yüksek olduğu bulunmuştur. Çalışmada mir 156'nın meyve gelişimine pozitif yönde katkı sağladığı bildirilmiştir.

Qin ve ark (2017), narda bulunan değerli metabolitleri tanımlamak ve bu metabolitlere özellikle de punikalagin metabolitine ait biyosentez mekanizmasının belirlenmesi amacıyla narın genomu yeni nesil dizileme teknolojisinden yararlanılarak dizilenmiştir. Dizileme sonucunda nar genomunun yaklaşık 328 Mb boyutunda olduğu ve bu genomik bölgelerin 9 psodo-kromozoma bağlantılı olduğu belirlenmiştir. Analizde 29229 gen tespit edilmiştir. Ayrıca punikalgin biyosentez mekanizması ve mekanizmada görev alan genler tespit edilmiştir

Yuan ve ark (2018), narda meyve kalitesi ve ovul gelişimi ile ilgili biyolojik prosesin aydınlatılması ve prosesle ilişkili mekanizmanın belirlenmesi amacıyla genomik ve transkriptomik analizler yapılmıştır. Analizlerde yeni nesil dizileme teknolojilerinden yararlanılmıştır. Analizler sonucunda, genomunun yaklaşık % 81,5'lik kısmını karşılayan 274 Mb boyutunda yüksek kalitede genomik okuma elde edilmiştir. Ayrıca, 30913 gen, tespit edilmiştir. Genomik ve transkriptomik analizler sonucunda ellagin ve ellagin temelli metabolitlerin meyvenin gelişimi döneminde dane ve kabuk renklenmesinde ve ovül gelişiminin karakteristik şeklinin oluşturulmasında etkili olduğu bildirilmiştir. Analizlerle narda önemli biyolojik proseslerle ilişkili birçok biyosentez mekanizmasının aydınlatıldığı ve moleküler düzeyde önemli bilgiler elde edildiği bildirilmiştir.

Yan ve ark (2019), narın filogenetik kökeninn tanımlaması ve özellikle Lythraceae familyasına genetik yakınlık derecesinin belirlenmesi amacıyla yürüttükleri çalışmada, nar kloroplast DNA'sını yeni nesil dizileme teknolojilerinde yararlanarak dizilemişlerdir. Dizileme çalışmalarında post-transktipsiyonel farklılıkları analiz etmek amacıyla kodon usage analizinden yararlanarak, potansiyel RNA olgunlaştırma sekans bölgelerinin tanımlanmasını hedeflemişlerdir. Çalışmada sekans sonucunda, 156,638-156,639 bp uzunluğunda okumalar elde edilmiş ve elde edilen verilerin angiosprem kloroplast genomuyla benzerlik gösterdiği bildirilmiştir. Ayrıca sekanslama ile 113 unigen ve 17 duplikatif bölge tespit edilmiştir. Sekans sonucu elde edilen bilgilerin çok az farklılık gösterdiği ve farklılıkların çok düşük tanımlayıcı bilgiler içerdiği

vurgulanmıştır. Filogenetik analizler için kullanılan RNA analizi, nar ve Lythracea kloroplast genom bilgilerinin çok fazla ilişkili olduğu, nar ile Lythracea kloroplast genomunda benzer korunmuş bölgelerin yüksek olduğu vurgulanmıştır. Çalışma sonucunda nar kloroplast genomu ve Lythracea kloroplast genomunun yalnızca bir grup gen bakımından farklılık gösterdiği ve *Punica granatum*'un *Myrtales* takımıyla ilişkisinin anlaşılmasına önemli katkılar sunduğu bildirilmiştir.

Qian ve ark (2020), narda, absisik asit uygulamalarının kuraklık stresine olan etkilerini ve ABA'nın kuraklık stresi toleransına neden olan moleküler mekanizmayı belirlemek amacıyla transkriptom analizi yapılmıştır. Çalışmada farklı konsantrasyona sahip (30, 60 ve 90 µM) ABA uygulamaları yapılmış ve uygulama yapılan bitkilere ait yaprak dokuları kullanılmıştır. Transkriptom analizi sonucunda ABA'nın kuraklığa karşı dayanıklılık sağladığı bildirilmiştir. ABA'nın kuraklık toleransını fizyolojik bazı cevaplar oluşturarak gerçekleştirdiği bildirilmiştir. Yapılan karşılaştırmalı transkriptom analizi ile ABA uygulamalarının özellikle bazı metabolit yolaklarını uyardığı bildirilmiştir. Brasimosteroidler, peroksizom biyosentez yolağı, fotosentez ve heniseliloz biyosentez yolaklarının en fazla uyarılan ve kuraklık stresi cevapları oluşturan yolaklar olduğu bildirilmiş ve yapılan çalışma ile ABA'nın kuraklık stresine karşı moleküler mekanizmasının aydınlatıldığı vurgulanmıştır.

2.4. Diğer Bitki Türlerinde Meyve Çatlaması ile İlgili Yürütülen Moleküler Çalışmalar

Wakasa ve ark (2003), elmada expansin geni ihtiva eden 6 cDNA izole etmişlerdir (MdExp1, MdExp2, MdExp3, MdExp4, MdExp5 ve MdExp6). Meyve gelişimi süresince bu expansin genlerinin ifadelerini belirlemişlerdir. MdExp3 geninin ifadesi meyve olgunlaşması aşamasında artmıştır. Araştırıcılar çalışma sonunda elma meyvesinin gelişimi sırasında en az 5 expansin geninin gerektiğini öne sürmüşlerdir.

Lu ve ark (2006), hücre duvar gevşemesinin kontrolü ile ilişkili üç xyloglucan endotransglycosylase (XET) geninin ekspresyon düzeyi ile meyve çatlaması arasındaki ilişkiyi araştırmışlardır. Bu amaçla farklı gelişme dönemlerine ait meyve dokuları ile çatlamış ve çatlamamış liçi meyveleri kullanılmıştır. Çalışmada LcXET1, LcXET2 ve LcXET3 genin ifade düzeyleri Northern blot, RT-PCR ve RACE-PCR teknikleri kullanılarak analiz edilmiştir. Northern blot analizleri, LcXET1 mRNA birikiminin çatlayan liçi meyvelerinin perikarp dokularında antezisten 73 gün sonra, çatlamayan liçi meyvelerinin perikarplarında antezisten 66 gün sonra meydana geldiğini göstermiştir. Çalışma sonunda LcXET1 geninin çatlayan ve çatlamayan meyvelerin perikarp dokularında farklı miktarlarda birikimi meyve çatlaması ile yakından ilişkili bulunmuştur.

Yong ve ark (2006), meyve çatlamasına duyarlı ve tolerant liçi genotiplerinde iki expansin geninin ifade seviyelerini karşılaştırmışlardır. LcExp1 ve LcExp2 olarak adlandırılan 2 expansin geni RT-PCR ve RACE-PCR metotları kullanılarak araştırılmıştır. Çatlamaya tolerant liçi genotipinde LcExp1geninde, mRNA birikimi meyve gelişiminin ilk aşamalarında (Antezisten 59 gün sonra) tespit edilmiştir. LcExp2 birikimi sadece çatlamaya tolerant liçi genotipinin meyvelerinin perikarpında tespit edilmiştir. Çalışma sonunda elde edilen bulgular iki expansin geninin liçi meyvelerinde çatlama ile ilişkili olduğunu göstermiştir.

Ishimaru ve ark (2007), Vlexp1, Vlexp2 ve Vlexp3 expansin geninin Kyoho üzüm meyvelerinde ifade profilleri analiz edilmiştir. Analiz sonucunda Vlexp3 gen birikiminin meyve olgunlaşması ile yakın korelasyon gösterdiği bildirilmiştir. Vlexp1 ve Vlexp2 gen birikiminin meyve gelişiminin genişleme aşaması sırasında başladığını bildirmişlerdir. Elde edilen bu bulgular 3 expansin geninin hücre bölünmesi, hücre genişlemesi ve meyve olgunlaşması ile ilişkili olduğunu desteklediğini bildirmişlerdir.

Feng ve ark (2008), longan meyve gelişimi ile XET gen ifade düzeyi arasındaki ilişkiyi araştırmışlardır. Bu amaçla farklı gelişim dönemlerinde alınan meyvelere ait meyve dokuları kullanılmıştır. Çalışmada, DlXET1, DlXET2 ve

DlXET3 genlerinin ifade profilleri RT-PCR ve RACE-PCR teknikleri kullanılarak analiz edilmiştir. Analiz sonucunda, üç XET geninin meyve gelişimi sırasında farklı ifade düzeyleri sergilediğini göstermiştir.

Kasai ve ark (2008), Fuji elma çeşidinde, meyve gelişimi ve meyve çatlamasında MdEXPA3 geninin ekspresyon düzeyi araştırılmıştır. Çalışmada meyve perikarp ve mezokarp dokuları kullanılmıştır. MdEXPA3 gen ifade düzeyi artışları mezokarpta, tam çiçeklenmeden 30 gün sonra ortaya çıkmış, tam çiçeklenmeden 95 gün sonra maksimum seviyeye ulaşmış ve ardından azalmıştır. Perikarpta gen ifade seviyesi, tam çiçeklenmeden 109. güne kadar artış göstermiştir. Çalışma sonunda perikarpta MdEXPA3 gen ifade düzeyinin meyve çatlama duyarlılığını azalttığı bildirilmiştir.

Alkio ve ark (2012), kirazda kütikula oluşumu ile ilgili aday genleri RNA-Seq analizleri ile tanımlamışlardır. RNA-Seq analizleri temel alınarak kütikül membran oluşumu ile ilişkili 18 aday gen tespit edilmiştir. Tespit edilen bu genler, % 100 oranında *Prunus persica* (şeftali)'ya ait genlerle, % 98 oranında *Arabidopsis thaliana*'ya ait genlerle benzerlik göstermiştir.

Li ve ark (2014), liçide meyve çatlaması ile ilişkili genlerin belirlenmesi için RNA-Seq teknolojisinden yararlanılmıştır. Çalışmada çatlamış ve çatlamamış meyve dokularında karşılaştırmalı transkriptomik analizler gerçekleştirilmiştir. Sekans okumaları ile çatlamış ve çatlamamış meyve dokularında toplamda, 26 milyon ve 29 milyon yüksek kalitede baz okumaları elde edilmiştir ve ortalama 993 bç uzunluğunda 46.641 unigen belirlenmiştir. Sekans okumaları sonucunda su iletimi ile ilişkili 4 gen (LcAQP, 1; LcPIP, 1; LcNIP, 1; LcSIP, 1), GA_3 metabolizması ile ilişkili 5 gen (LcKS, 2; LcGA2ox, 2; LcGID1, 1), ABA metabolizması ile ilişkili 21 gen (LcCYP707A, 2; LcGT, 9; Lcβ-Glu, 6; LcPP2C, 2; LcABI1, 1; LcABI5, 1), Ca taşınımı ile ilişkili 13 gen (LcTPC, 1; Ca2+/H+ exchanger, 3; Ca2+-ATPase, 4; LcCDPK, 2; LcCBL, 3) ve hücre duvarı metabolizması ile ilişkili 24 gen (LcPG, 5; LcEG, 1; LcPE, 3; LcEXP, 5; Lcβ-Gal,

9; LcXET, 1) çatlamış meyvelerde çatlamamış meyvelere oranlara farklı seviyelerde ifade olduğunu bildirmişlerdir.

Yong-Xiang ve ark (2017), hünnap (*Zizyphus jujuba* Mill.) bitkisinde meyve çatlama mekanizma mekanizmasının aydınlatılması için RNA-Seq teknolojisinden yararlanmışlardır. Çalışmada çatlamış ve çatlamamış meyve dokuları kullanılmıştır. Sekans okumaları ile 4,5 ve 4,6 Gb'den fazla kaliteli baz okumaları elde edilmiş ve 391 transkriptin ifade düzeylerinde farklılıklar tespit edilmiştir. Çalışmada meyve çatlamasında Aquaporin PIP, Tubulin, Calreticulin ve Calmodulin genleri ile ilişkili olabileceği bildirilmiştir

3. MATERYAL VE YÖNTEM

3.1. Materyal

3.1.1. Bitkisel Materyal

Tez kapsamında Çukurova Üniversitesi, Ziraat Fakültesi, Bahçe Bitkileri Bölümü Nar Genetik Koleksiyonu'nda bulunan ve daha önce çatlama oranları tespit edilmiş 18 yaşındaki Hicaznar ve İzmir15 çeşitlerine ait meyve kabuğu dokuları RNA-Seq analizlerinde kullanılmıştır. Özgüven ve ark. (1997) ile Yılmaz (2005) Hicaznar çeşidinin çatlamaya tolerant/dayanıklı, İzmir 15 çeşidinin ise hassas/duyarlı olduğunu bildirmiştir. Yıllara göre değişmekle birlikte, Hicaznar çeşidinin % 0.99 - % 14, İzmir 15 çeşidinin ise % 22 - % 42 meyve çatlama oranlarına sahip olduğu rapor edilmiştir.

3.1.1.1. İzmir 15

Ağacı orta kuvvetlidir. Meyve şekli köşeli yuvarlaktır. Meyve kabuk rengi şeker pembe, dane rengi pembedir. Şıra rengi kırmızıdır. Meyve ağırlığı ortalama 260 gramdır. Bin dane ağırlığı 46,98 gramdır. Dane randımanı yaklaşık % 60, şıra randımanı yaklaşık % 40'dır. Çekirdek oranı yaklaşık % 16 'dır. Yumuşak çekirdekli ve tatlıdır. Orta verimlilikte bir çeşittir (Yılmaz, 2007). Yılmaz (2005), farklı nar çeşitlerine ait çatlama oranlarının belirlenmesi amacıyla yürüttüğü çalışmada, İzmir 15 çeşidine ait çatlama oranlarının yıllara göre değiştiğini rapor etmiştir. Çalışmada, İzmir 15 çeşidine ait çatlama oranlarının % 9.1-%33,4 olduğunu ve meyve çatlamasına karşı hassas olduğunu bildirmiştir. Aynı çalışmada, İzmir 15 çeşidine ait çatlama oranlarının Hicaznar çeşidine kıyasla daha yüksek olduğunu belirtmiştir. İzmir 15 çeşidine ait meyve ve ağaç yapısının sunulduğu görseller, Şekil 3.1'de verilmiştir.



Şekil 3.1. İzmir 15 çeşidine ait meyve ve ağaç yapısına ait görseller

3.1.1.2. 07 N 08 (Hicaznar)

Antalya Batı Akdeniz Tarımsal Araştırma Enstitüsü (BATEM) tarafından, Antalya'da bir kapama bahçeden selekte edilmiştir. İç ve dış pazarda oldukça ilgi gören bir çeşittir. Türkiye nar ihracatının büyük bir kısmını hicaznar nar çeşidi oluşturmaktadır. Geççi bir çeşittir. Ağaç yapısı kuvvetlidir. Dip sürgün verme eğilimi oldukça yüksektir. Dikenlilik durumu orta-sık şeklindedir. Meyve iriliği çok büyüktür. Meyve kabuk rengi kırmızı, dane rengi koyu kırmızıdır. Orta-sert çekirdekli olup, mayhoş bir tada sahiptir. Sofralık olarak tüketilir. Verim > 41 kg/ağaç 'tır (Anonim, 2017). Hicaznar çeşidine ait çatlama oranları, %7,9- %14.3 arasında değiştiği bildirilmiştir (Yılmaz, 2005). Meyve çatlama oranları bakımından İzmir 15 çeşidinden çok daha düşük meyve çatlama oranına sahip olduğu ve meyve çatlamasına karşı dayanıklı bir çeşit olduğu bildirilmiştir (Yılmaz, 2005). Hicaznar çeşidine ait meyve ve ağaç yapısının görüldüğü görseller, Şekil 3.2'de verilmiştir.

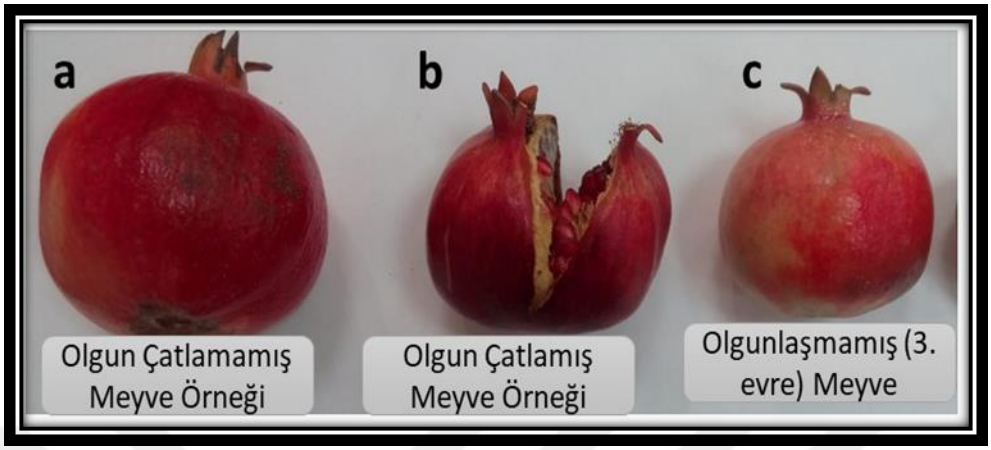


Şekil 3.2. 07 N 08 (Hicaz nar) çeşidine ait meyve yapısı

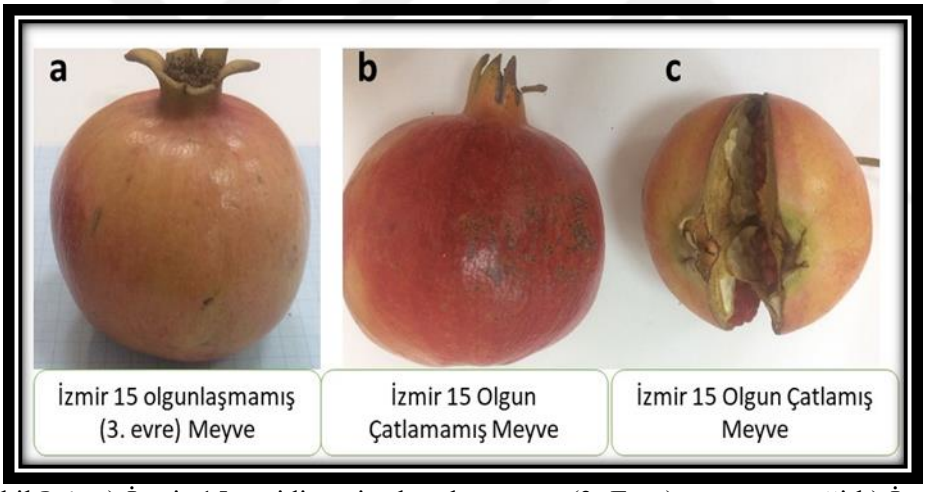
3.2. Yöntem

3.2.1. Moleküler Analizler İçin Örneklerin Alınması

Hicaznar ve İzmir 15 nar çeşitlerinde meyve çatlama mekanizmasının moleküler düzeyde araştırılması amacıyla, RNA-Seq analizleri gerçekleştirilmiştir. Narda meyve çatlama mekanizmasının araştırılmasında iki farklı gelişme aşamasındaki meyve kabuğu örnekleri kullanılmıştır. Çalışmada, hücre genişlemesi döneminde (olgunlaşma aşamasından önceki evre) ve meyve olgunluk döneminde meyve örnekleri alınmıştır. Meyve örnekleri üç tekerrür olacak şekilde alınmıştır. Her tekerrürden toplam 5 meyve örneği alınarak depolanmıştır. Çalışmada, hücre genişlemesi döneminde (3. evre) alınan meyve örneklerine ait kabuk dokuları ve olgun çatlamış ve çatlamamış meyve örneklerine ait kabuk dokuları kullanılmıştır (Şekil 3.3 ve Şekil 3.4). Belirlenen dönemlere ait meyve kabuğu dokuları alınarak sıvı azot içerisinde dondurulmuş ve analiz aşamasına kadar -80°C'de muhafaza edilmiştir. Analizlerde kullanılan meyvelere ait görseller, Şekil 3.3 ve Şekil 3.4'de verilmiştir.



Şekil 3.3. a) Hicaznar çeşidine ait olgun çatlamamış meyve örneği b) Hicaznar çeşidine ait olgun çatlamış meyve örneği c) Hicaznar çeşidine ait olgunlaşmamış (3. Evre) meyve örneği



Şekil 3.4. a) İzmir 15 çeşidine ait olgunlaşmamış (3. Evre) meyve örneği b) İzmir 15 çeşidine ait olgun çatlamamış meyve örneği c) İzmir 15 çeşidine ait olgun çatlamış meyve örneği

3.2.2. RNA İzolasyonu

Narda, meyve çatlamasında görev alan genlerin belirlenmesi amacıyla yürütülen RNA-Seq analizinde kullanılmak üzere meyve kabuğu dokuları kullanılarak RNA izolasyonu yapılmıştır. RNA izolasyonunda CTAB RNA

izolasyon protokolü kullanılmıştır (Zarei, 2021). CTAB protokölü modifiye ediilerek kullanılmıştır. İzole edilen RNA örnekleri analiz aşamasına kadar –80°C'de muhafaza edilmiştir.

3.2.2.1 RNA Örneklerine Ait Kalite ve Kantite Tayini

Izole edilen RNA örneklerinin kalitesinin ve konsantrasyonu belirlenmesi amacıyla NanoDrop spektrofotometre cihazından, izole edilen örneklere ait RIN değerinin ölçülmesi, saflık derecesinin tespit edilebilmesi ve fragmentasyon aşamasında fragmentlerin uzunluklarının tespit edilmesi amacıyla, Aglient 2100 Bio Analyzer (Agilent RNA 6000 Nano Kit) cihazından yararlanılmıştır. RNA örneklerinin 28S ve 18S ribozomal RNA (rRNA) alt birimlerinin varlığının tespit edilmesi için agaroz jel elektoroforez sistemlerinden yararlanılmıştır. Bu amaçla % 1,5'luk konsantrasyona sahip agaroz gel hazırlanmıştır. Hazırlanan agaroz jele izole edilen RNA örneklerinden 5 µl, yükleme boyasından 2 µl yüklenmiştir. Agaroz jel 100 voltta, 60 dakika süreyle koşturulmuştur. Elektroforez işlemi sonrasında agaroz jel, U.V transluminatör ışık altında görüntülenmiştir.

3.2.3. RNA Sekanslama (RNA-Seq) Analizleri

3.2.3.1. mRNA İzolasyonu ve mRNA Fragmentasyonu

RNA dizileme çalışmaları Beijing Genomics Institute (BGI) bünyesinde gerçekleştirilmiştir. Tez çalışmasında kullanılan dokulara ait total RNA izolasyonu yapılmıştır. Dizileme öncesinde izole edilen total RNA örnekleri kullanılarak mRNA izolasyonu gerçekleştirilmiştir. Total RNA örneklerinden mRNA izole etmek amacıyla, Oligo dT tekniği kullanılmıştır. İzole edilen mRNA'ların belirli fragment aralıklarına sahip olabilmesi için fragmentasyona tabi tutulmuştur. Fragmentasyon işlemi ile elde edilen mRNA fragmentleri cDNA kütüphanelerinin oluşturulmasında kullanılmıştır.

3.2.3.2. cDNA Kütüphanelerinin Hazırlanması

mRNA fragmentlerinin kalıp olarak kullanılmasıyla, cDNA sentezi gerçekleştirilmiştir. Sentezlenen kısa cDNA zincirlerinin onarımı ve adenin nükleotidlerinin eklenmesi amacıyla EB (10 mM Tris-Cl, pH 8.5) buffer kullanılmıştır. Kısa cDNA zincirleri, EB buffer içerisinde çözülerek saflaştırılmıştır. İşlem sonrasında cDNA fragmentlerine adaptörler takılmıştır. Böylelikle dizilemede kullanılacak cDNA kütüphaneleri oluşturulmuştur. cDNA kütüphaneleri, Illumina HiSeq™ 2000 dizileme platformu kullanılarak sekanslanmıştır.

3.2.3.3. Sekansların Filtrelenmesi

Dizileme sonrasında elde edilen sekans okumaları, ham veri olarak adlandırılmaktadır. Sekans sonrasında elde edilen ham verilerden adaptör sekansların, kalitesiz okumaların ve okunmayan bölgelerin çıkartılması amacıyla okumalar filtrelemeye tabi tutulmuştur. Filtreleme işlemi için SOAPnuke (SOAPnuke version v1.5.2 software) programı kullanılarak,

1. Sekanslardan adaptörlerin uzaklaştırılması,
2. Sekanslardan okunmayan veya yanlış okumaların uzaklaştırılması,
3. Sekanslardan düşük kaliteli okumaların uzaklaştırılması (% 10'dan küçük kalitede olan okumalar) gerçekleştirilmiştir.

Filtreleme işleminden sonra ham sekanslar temiz sekanslar veya okumalar (Clean Reads) olarak ifade edilmektedir. Elde edilen temiz okumalar kullanılarak biyoinformatik analizler gerçekleştirilmiştir.

3.2.4. Biyoinformatik Analizler

3.2.4.1. Sekansların Referans Genoma Haritalanması

Dizileme ile elde edilen temiz okumalar, nar (*Punica granatum* L.) genomuna haritalanmıştır. Genom bilgisine NCBI veri bankası üzerinden erişim sağlanmıştır. Haritalama işlemi için HISAT (HISAT version: v2. 0.4 software)

programı kullanılmıştır. Genoma haritalama işleminden sonra Resequencin analizi için StringTie (Sitring Tie v1: 0.4 software) programı kullanılmış, elde edilen transkriptlerin belirlenmesi ve referans genoma anotasyonu amacıyla Cuffcompare (Cufflinks version: v2.2.1 software) programı kullanılmıştır. Cuffcompare programı ile yeni transkriptlerin belirlenmesi, bilinmeyen intergenik transkriptlerin belirlenmesi, referans genom intron bölgesine dahil gibi görünen transkriptlerin belirlenmesi, referans transkriptle çakışan ekzonik bölgelerin belirlenmesi ve yeni izoform transkriptlerin tespit edilmesi sağlanmıştır. CPC (CPC version: v0.9-r2 software) programı ile downstream analizi yapılmıştır. Analizlerde SNP ve İNDEL bölgelerinin belirlenmesi için GAK programı kullanılmıştır. İzoform transkriptleri belirlemek, izoform transkriplerin yoğunluğunu belirlemek ve bu transkriplerin ekspresyon düzeyini belirlemek için rMATS (rMARS version:v3.2.5 software) programı kullanılmıştır.

3.2.4.2. Gen Ekspresyon Analizi

Referans genoma haritalanan temiz okumalara ait gen ekspresyon seviyesinin belirlenmesi amacıyla RSEM (version: v1.2.12) paket program kullanılmıştır. Programla, RNA-Seq datasında mevcut olan genlerin ifade düzeyleri, izoform genlere ait ifade düzeyleri hesaplanmıştır. Kullanılan paket programla, örnekler arasındaki korelasyonun belirlenmesi, hiyerarşik kümeleme analizinin yapılması ve örneklere ait diyagramların oluşturulması sağlanmıştır.

3.2.4.3. Farklı Seviyelerde İfade Olan Genlerin Belirlenmesi (DEG)

Kütüphaneler arasındaki gen ifade düzeyinde görülen değişimler FPKM (Fragments Per Kilobase of Millions Mapped) değerine göre analiz edilmiştir. FPKM değeri;

FPKM = $(10^6 XC)/(NL/10^3)$ formülü kullanılarak hesaplanmıştır.

C: Referans genomla eşleşen fragment sayısı,

N: Tüm genlerle eşleşen fragment sayısı,

L: Hedef genin baz sayısı,

FPKM değeri, cDNA kütüphanelerinde mevcut olan tüm genlere ait ekspresyon düzeyi ve genler arasında oluşan ekspresyon düzeyindeki farklılıkların hesaplanmasına olanak tanımaktadır. DEseq2 programı, FPKM değeri temel alınarak analiz yapmaktadır. Örnekler arasında farklı seviyelerde ifade olan genlerin belirlenmesi ve bu genlere ait ekspresyon düzeyinin analiz edilmesi amacıyla DEseq2 programı kullanılmıştır. Bu programla tüm örneklere ait genlerin ekspresyon düzeyi, örnekler arasında ekspresyon düzeyinde görülen farklılıklar, izoform gen ekspresyon düzeyindeki farklılıklar hesaplanmıştır. Ayrıca örnekler arasında farklı seviyelerde ifade olan genlere ait gen ekspresyonu düzeyi temel alınarak, cluster analizleri gerçekleştirilmiştir.

3.2.4.4. Gen Ontoloji (GO) Analizi

Kütüphaneler arasında farklı seviyede ifade olan genlerin rol aldığı biyolojik işlev (biological process), hücresel komponent (cellular comonent) ve moleküler fonksiyon (moleculer function) hakkında bilgi edinmek amacıyla gen ontoloji analizleri yapılmıştır. Gen ontoloji analizleri için R paket programının bir fonksiyonu olan phyper kullanılmıştır. Analiz sonucunda farklı ifade düzeylerine sahip genler fonksiyonlarına göre gruplandırılmıştır.

3.2.4.5. Genlerin Metabolik Yolak Analizi (KEGG Analizi)

Örnekler arasında farklı seviyelerde ifade olan genlerin hangi metabolik yolaklarla ilişkili olduğunu belirlemek amacıyla KEGG (Kyoto Encyclopedia of Genes and Genomes) analizleri yapılmıştır. KEGG analizleri için R paket programının bir fonksiyonu olan phyper kullanılmıştır.

3.2.5. Kantitatif Real Time PCR (qRT PCR) Analizi

RNA-Seq analizleri sonucunda önemli bulunan genler arasından 10 adet gen seçilmiştir. Seçilen genler RNA-Seq datasının validasyonu amacıyla, qRT-

PCR reaksiyonlarında kullanılmıştır. qRT-PCR reaksiyonlarında kullanılmak üzere seçilen genlere ait primerler tasarlanmıştır.

3.2.5.1. qRT PCR Analizlerinde Kullanılan Primerlerin Tasarlanması

RNA-Seq sonucunda önemli bulunan genlerin qRT-PCR reaksiyonlarında kullanılması amacıyla belirlenen genlere ait gen bölgelerine ait spesifik primerler dizayn edilmiştir. Primerler, Primer3 programı (Rozen ve Skaletsky, 2000) kullanılarak tasarlanmıştır.

3.2.5.2. qRT- PCR (Real Time PCR) Analizleri

qRT-PCR analizlerinde RNA-Seq analizi için izole edilen RNA örnekleri kullanılmıştır. RNA örnekleri kullanılarak dokulara ait cDNA sentezi gerçekleştirilmiştir. Sentezlenen cDNA örnekleri kullanılarak, qRT-PCR reaksiyonları yapılmıştır. Reaksiyonlarda, endojen kontrol olarak *Punica granatum* L. 18S rRNA (ribozomal RNA) geni kullanılmıştır

cDNA Sentez Aşaması

Dokulara ait RNA örnekleri kullanılarak cDNA sentez reaksiyonu kurulmuştur. cDNA sentezi için Applied Bıosystems Hıgh Capacity cDNA Reverse Transcription Kit (LOT:00756490) kullanılmıştır. cDNA reaksiyonu için kullanılan reaktifler, 0,2'lik ependorf tüplere aktarılmıştır. Reaktiflerin bulunduğu tüpler Thermalcycler cihazına alınmıştır. cDNA sentezi amacıyla kullanılan PCR döngü koşulları 25°C 'de 10 dakika, 37 °C'de 120 dakika, 80°C'de 5 dakika ve +4 °C 'de ∞ şeklindedir. Sentezlenen cDNA'lar qRT-PCR reaksiyonları aşamasına kadar -20°C 'de muhafaza edilmiştir. cDNA sentezinde kullanılan reaktifler ve hacimleri Çizelge 3.1.'de verilmiştir.

Çizelge 3.1. cDNA Sentezinde Kullanılan Reaktifler

REAKTİF	1X (µl)
10x RT Buffer	2
dNTP Mix	0,8
Random Primer	2
Reverse Transkriptaz	1
Total RNA	10
H_2O	4,2
Toplam	20

qRT-PCR Reaksiyonları

qRT-PCR reaksiyonlarında önceden belirlenen genlere ait primerler ve 18S rRNA geni kullanılmıştır. Reaksiyonlarda ayrıca floresans ışıma özelliğine sahip SYBR GREEN (SensiFAST SYBR Lo-ROX Kit) kitinden yararlanılmıştır. Reaksiyonlar kit protokolüne göre yürütülmüş, PCR döngü koşullarıda yine kit protokolüne göre programlanmıştır. Reaksiyonlarda kullanılan döngü programı 50°C ‘de 2 dk, 95°C ’de 10 dk, 95°C ’de 15 sn, 60°C ‘de 1dk, 95°C ‘de 15 sn, 60°C’de 1dk, 95°C’de 30 sn ve 60°C’de 1 sn şeklindedir. Reaksiyonlar sonucu elde edilen CT değerleri 2-ΔΔCt formülüne göre değerlendirilerek örnekler arasındaki gen ekspresyon düzeyindeki farklılıklar tespit edilmiştir. Çalışmada kullanılan reaktifler ve hacimsel oranları, Çizelge 3.2’de verilmiştir.

Çizelge 3.2. qRT-PCR Reaksiyonlarında Kullanılan Reaktifler

REAKTİF	1X(µl)
SYBR Green	10
Forward Primer	0.8
Rewerse Primer	0.8
Template	6
H_2O	2.4
TOPLAM	20

4. BULGULAR VE TARTIŞMA

Narda meyve çatlama mekanizmasının aydınlatılması, çatlama mekanizmasıyla ilişkili yolakların tespit edilmesi, yolaklara dahil olan genlerin belirlenmesi ve meyve çatlama mekanizmasının moleküler temellerinin detaylı olarak incelenmesi amacıyla, RNA-Seq çalışması yürütülmüştür. RNA-Seq analizinde, İllumina HiSeq 2000 platformu kullanılmıştır. RNA-Seq analizinde, çatlamaya dayanıklı Hicaznar ve çatlamaya hassas olan İzmir 15 çeşitleri kullanılmıştır. RNA-Seq analizinde, iki farklı gelişme dönemine ait meyve kabuğu dokuları kullanılarak transkriptom analizi yapılmıştır. Analiz sonucunda, çatlama mekanizması ile ilişkili olduğu düşünülen genler tespit edilmiş ve tespit edilen bazı genler, qRT-PCR reaksiyonlarında kullanılmıştır. qRT-PCR analizi ile sekans verilerinin validasyonu yapılmış, aynı zamanda çeşitlere ve çeşitlere ait dokuların gen ekspresyon profili oluşturulmuştur. Tez kapsamında yürütülen çalışmalara ait bulgular, Transkriptom (RNA-Seq) analizi ve qRT-PCR analizi başlıkları altında sunulmuştur.

4.1. Transkriptom (RNA-Seq) Analizi

4.1.1. RNA İzolasyonu

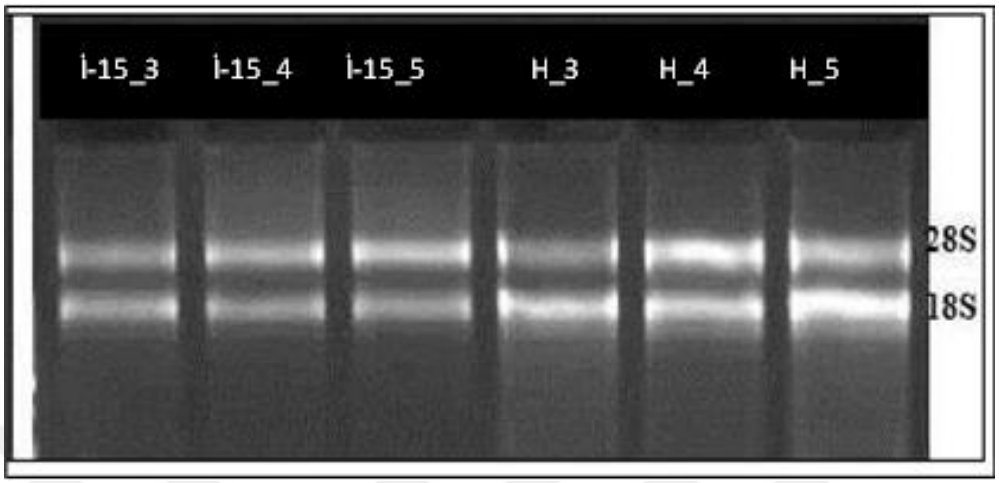
Meyve çatlama mekanizmasının moleküler temellerinin belirlenmesi amacıyla yürütülen RNA sekanslama çalışmasında kullanılan RNA örneklerinin kalitesi ve konsantrasyonu, dizileme çalışmalarının başarısını etkileyen ön önemli başlangıç aşamasıdır. İzole edilen RNA örneklerinin, belirli parametrelere uygun olması gerekmektedir. Dizileme reaksiyonlarında, izole edilen RNA örneklerinin protein ve sekonder metabolit kontaminasyonundan uzak, konsantrasyonu yüksek kaliteli RNA örnekleri kullanılmalıdır. Dizileme reaksiyonlarında kullanılmak üzere Hicaznar ve İzmir 15 çeşitlerine ait meyve kabuğu dokuları kullanılarak RNA izolasyonu yapılmıştır. RNA izolasyonu, CTAB protokolüne göre gerçekleştirilmiştir. İzole edilen total RNA örneklerinin kalite ve konsantrasyonu

kantitatif olarak ölçülmüştür. Kantitatif ölçüm için Nanodrop fotospektrometre cihazından yararlanılmış ve RNA örneklerine ait kalite ve konsantrasyonlar belirlenmiştir (Çizelge 4.1). Dizileme reaksiyonlarında 260/280 değeri 1,8-2,2 ve 260/230 değeri 1,7-2,2 arasında olan RNA örnekleri kullanılmaya uygun bulunmuştur. Dizilemede kullanılan RNA örneklerine ait Nanodrop sonuçları, Çizelge 4.1'de verilmiştir.

Çizelge 4.1. RNA-Seq Analizi için Kullanılan Dokulara ait RNA Konsantrasyonları

Çeşitler	Dokular	Konsantrasyon	260/280	260/230
İzmir-15 (İ-15_3)	Olgunlaşmamış meyve	1314,03	1,94	2,32
İzmir-15 (İ-15_4)	Çatlamayan meyve	1502,66	1,71	2,05
İzmir-15 (İ-15_5)	Çatlayan meyve	1838,58	1,85	2,19
Hicaznar (H_3)	Olgunlaşmamış Meyve	880,44	1,84	1,97
Hicaznar (H_4)	Çatlamayan meyve	903,22	1,87	2,28
Hicaznar (H_5)	Çatlayan meyve	1650,41	1,88	2,04

İzole edilen RNA örneklerinin kalitatif analizi için agaroz jel elektroforez sistemlerinden yararlanılmıştır. Kalitatif analizde amaç, izole edilen RNA örneklerine ait 28S ve 18S ribozonal RNA alt ünitelerinin varlığının ve kalitesinin belirlenmesidir. Kalitatif analiz için RNA örnekleri, % 1,5'luk konsantrasyona sahip agaroz jelde yürütülmüş ve ardından UV ışığı altında görüntülenmiştir. Agaroz jele ait görüntü, Şekil 4.1'de verilmiştir.



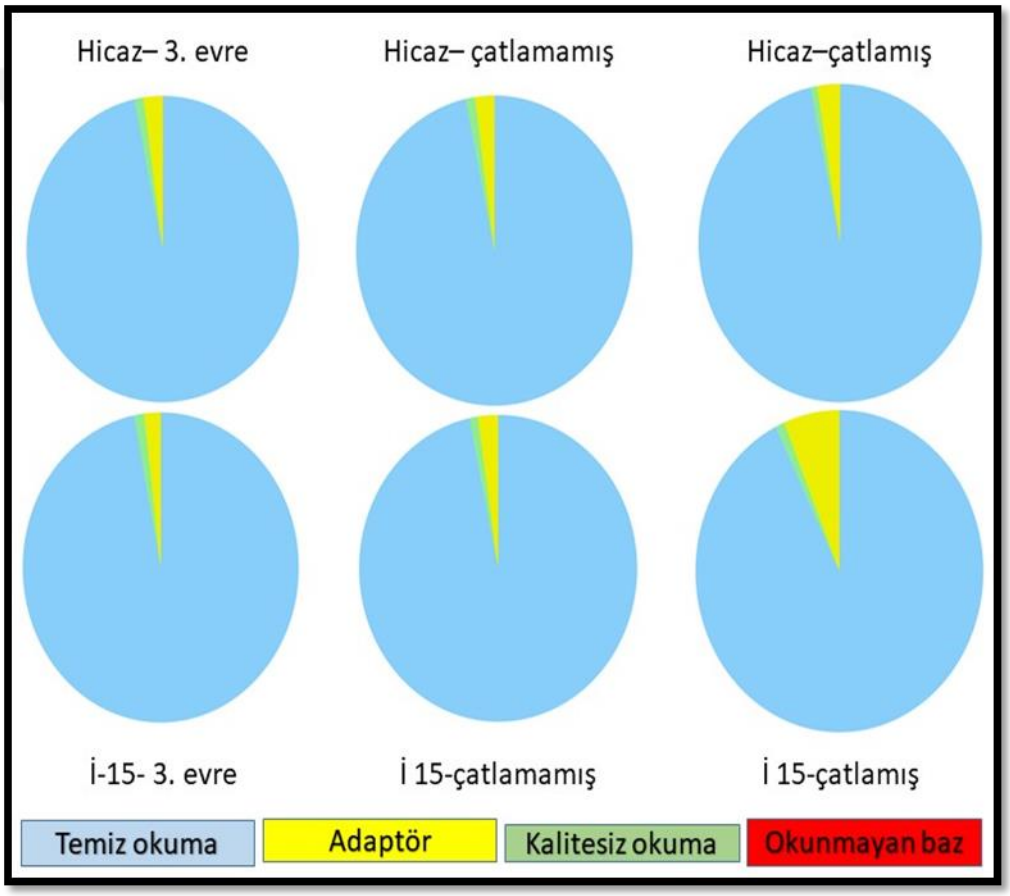
Şekil 4.1. İzole edilen RNA örneklerine ait agaroz jel görüntüsü

Kantitatif ölçümler incelendiğinde, elde edilen spektrofotometrik değerlerin dizileme reaksiyonları için uygun değerlere sahip olduğu ve RNA örneklerine ait saflık değerlerinin de, 260/280 ve 260/230 parametrelerini uygun olduğu görülmektedir. Kalitatif analiz için kullanılan agaroz jel görüntüleri incelendiğinde RNA örneklerine ait 18S ve 28S rRNA alt ünitelerinin varlığı belirlenmiştir. rRNA alt ünitelerinde herhangi bir degredasyon tespit edilmemiş ve dizileme için uygun olduğu belirlenmiştir.

4.1.2. RNA Sekanslama (RNA-Seq)

RNA sekanslama, meyve çatlama mekanizmasının aydınlatılması amacıyla Illumina HiSeq 2000^{TM} platformu kullanılarak gerçekleştirilmiştir. Dizilemede İzmir-15 ve Hicaz çeşitleri kullanılmıştır. Dizileme, çeşitlere ait olgunlaşmamış meyve, olgunlaşmış sağlam meyve ve olgunlaşmış çatlamış meyve örneklerine ait cDNA kütüphaneleri kullanılarak yürütülmüştür. Sekanslama sonrasında her kütüphaneye ait yaklaşık 57,470000-59,110000 baz arasında değişen ham okumalar elde edilmiştir. Sekanslama ile toplam 350 milyon baz ham okuma elde edilmiştir. Elde edilen ham okumalardan, adaptör bölgeleri, bilinmeyen baz

okumaları (Okunmayan bölgeler, N) ve düşük kaliteli okumalar çıkarılarak filtrelenmiş ve temiz okumalar elde edilmiştir. Sekanslama sonucunda elde edilen ham okumaların % 2,2'sini adaptör bölgeleri, % 1,07'sini düşük kaliteli okumalar ve % 0,0'ını bilinmeyen (okunmayan) baz bölgelerinin oluşturduğu belirlenmiştir. Kütüphanelere ait ham okumalar ve ham okumalardan çıkarılan bölgelerin grafiksel gösterim,i Şekil 4.2'de verilmiştir.



Şekil 4.2. Kütüphanelere ait ham okumalar ve çıkarılan bölgelere ait grafik

Filtreleme işlemi sonrasında elde edilen temiz okumalar, ham okumaların yaklaşık % 92,71 - % 96,69'lık kısmını oluşturmaktadır. Filtreleme sonucunda her

kütüphaneye ait yaklaşık 54,92 ile 56,54 milyon baz temiz okuma elde edilmiştir. Elde edilen temiz okuma miktarı her kütüphane için yaklaşık 8.30 GB büyüklüğündedir. Dizileme ile toplamda 49,8 GB büyüklüğünde sekans bilgisi elde edilmiştir. Dizileme sonucunda elde edilen kütüphanelere ait ham (Raw) ve temiz okumalar (clean data/read), Çizelge 4.2'de verilmiştir.

Çizelge 4.2. Sekans Sonucu Elde Edilen Kütüphanelere ait Veriler

Örnekler	Toplam Ham Okuma (Mb)	Toplam Temiz Okuma (Mb)	Toplam Temiz bç (Gb)	Temiz Okuma Q20 (%)	Temiz Okuma Q30 (%)	Temiz Okuma Oranı (%)
Hicaznar Olgunlaşmamış	57.47	55.56	8.33	98.58	95.95	96.67
Hicaznar Çatlamayan	57.47	56.54	8.33	98.52	96.07	96.65
Hicaznar Çatlayan	57.47	55.59	8.35	98.58	95.99	96.61
İzmir-15 Olgunlaşmamış	57.47	55.57	8.33	98.65	95.13	96.69
İzmir-15 Çatlamayan	59.11	55.80	8.22	98.53	95.01	92.71
İzmir-15 Çatlayan	57.47	54.92	8.24	98.52	95.01	95.56

Liu ve ark (2020), narda, tuz stresine karşı oluşturulan cevapların moleküler düzeyde araştırılması amacıyla RNA-Seq çalışması yürütmüşlerdir. Çalışmada Illumina dizileme platformundan yararlanılmıştır. 18 farklı kütüphane kullanılarak yapılan dizileme çalışmasında, toplamda 519 milyon okuma ve 155.8 GB büyüklüğünde temiz okuma elde ettiklerini bildirmişlerdir. Yapılan dizileme çalışmasında her kütüphaneye ait yaklaşık 34 milyonluk ham okuma elde edilmiştir.

Belay ve ark (2020), soğuk koşullarda depolanan narlarda, meyve kabuğunda meydana gelen değişimleri fizyolojik ve moleküler düzeyde incelemiştlerdir. Çalışmada 6 farklı örnek kullanılarak yapılan RNA-Seq analizinde, yaklaşık 98 milyon ham okuma elde edildiği ve her kütüphane için yaklaşık 14 milyonluk ham okuma üretildiği bildirilmiştir. Analizler sonucunda, yaklaşık 14989 genin referans genoma haritalanabildiği ve yalnızca 622 gende ekspresyon düzeyinde farklılıkların tespit edildiği rapor edilmiştir.

Luo ve ark (2018), narda meyve kabuğu renklenmesini kontrol eden mekanizmaların aydınlatılması amacıyla iki farklı çeşide ait dokular kullanılarak proteom ve transkriptom analizi yapmışlardır. Yapılan transkriptom analizi sonucunda 4 kütüphaneye ait yaklaşık 60 milyon ham okuma elde edildiği fakat adaptör ve kalitesiz okumaların çıkarılması ile her kütüphaneye ait yaklaşık 30 milyon temiz okuma üretildiği bildirilmiştir. Çalışmada elde edilen temiz okumaların, yaklaşık % 40-50 oranında referans genoma haritalandığı ve haritalama işleminden sonra, yaklaşık 20 000 genin tespit edildiği bildirilmiştir. Literatür kaynakları ile kıyaslandığında tez çalışması kapsamında üretilen sekans verilerinin yüksek olduğu görülmektedir. Ayrıca üretilen sekans verilerine ait kalitesiz okuma oranlarının çok düşük olduğu ve kütüphanelere ait elde edilen temiz okumaların yüksek olduğu açıkça görülmektedir.

4.1.3. Sekansa Ait Haritalanma Sonuçları

Dizileme sonrası elde edilen temiz okumalar, referans genoma haritalanmıştır. Referans genom olarak *P. Granatum'a* ait yaklaşık 320 Mb boyuta sahip genom kullanılmıştır (Yuan ve ark, 2018). Referans genom, NCBI (National Center for Biotechnology Information)'da mevcut olan genom veri tabanından çekilmiştir. Analiz sonucu elde edilen 54,802,378 - 55,693,780 baz temiz okuma referans genoma hizalanmıştır Kütüphanelere aitt temiz okumaların yaklaşık % 90'nı referans genoma haritalanmıştır. Haritalanan temiz okumaların yaklaşık %

77'si referans genomla eşleşme göstermiştir. Temiz okumalar ve genoma haritalama oranları, Çizelge 4.3'te verilmiştir.

Çizelge 4.3. Kütüphanelere ait okumaların referans genoma haritalanma oranları

Örnekler	Toplam Temiz Okuma (Mb)	Toplam Haritalama Oranı (%)	Eşleşme Oranı (%)
Hicaznar-3. Evre (H_3)	55,557,366	91.18	76.15
Hicaznar- çatlamayan (H_4)	55,544,148	91.32	77.51
Hicaznar-çatlayan (H_5)	55,693,780	91.31	76.92
İzmir-15- 3. Evre (İ-15_3)	55,566,172	91.59	77.15
İzmir-15-çatlamayan (İ-15_4)	54,802,378	88.38	74.57
İzmir-15 -çatlayan(İ-15_5)	54,919,264	90.80	77.11

Temiz okumaların referans genoma haritalanması sonucu kontigler oluşturulmuştur. Oluşturulan kontiglerin birleştirilmesi ile her kütüphaneye ait transkriptler belirlenmiştir. Böylelikle kütüphanelere ait intron, ekzon, intergenik ve İnDel bölgeleri belirlenmiş, transkript ve izoform transkript sayısı tespit edilmiştir. Temiz okumaların genoma haritalaması sonrasında, transkriptlerin oluşturulması sağlanmış ve anotasyon işlemleri olarak ifade edilen bu prosesle yeni genler tanımlanmıştır.

Analizler sonucunda, toplamda 22 001 (Unigen) transkript belirlenmiştir. Belirlenen transkriptlerin 18 372 tanesini, kodlanan (coding) bölgelere ait transkriptler, 3 629 tanesini ise kodlanmayan (noncoding) bölgelere ait transkriptler oluşturmaktadır. Analiz sonucunda, 15 959 adet izoform transkript belirlenirken, 2413 adet daha önce tanımlanmamış yeni (nowel) transkriptler belirlenmiştir. Belirlenen transkriptlere ait veriler, Çizelge 4.4'te verilmiştir.

Çizelge 4.4. Haritalama Sonucu Belirlenen Transkriptlere ait Veriler

Total Yeni Transkript sayısı	Kodlanan Transkript Sayısı	Kodlanmayan Transkript Sayısı	Yeni İzoform Transkript Sayısı	Yeni (Novel) Transkript Sayısı
22,001	18,372	3,629	15,959	2,413

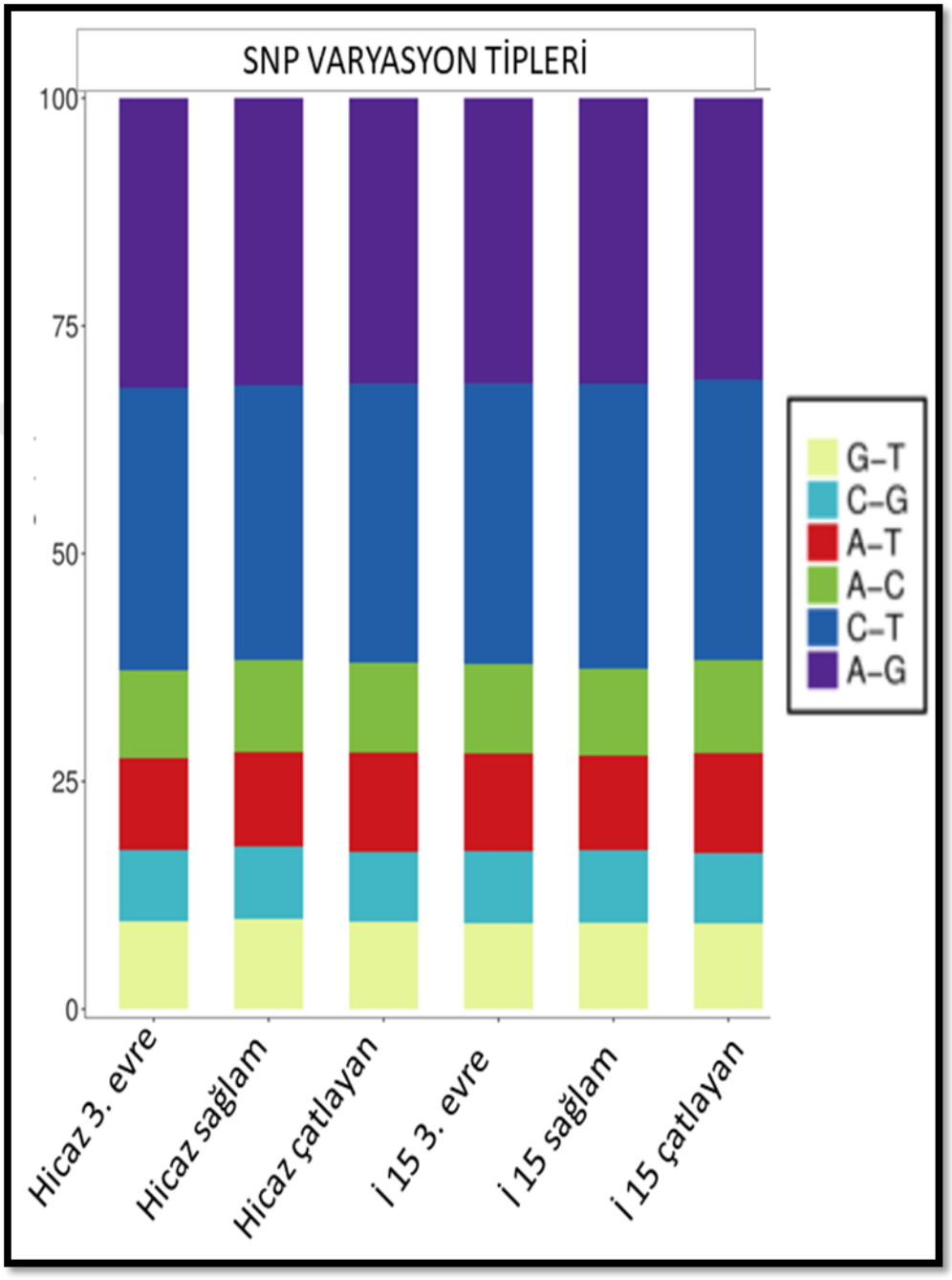
Anotasyon ile her kütüphanede mevcut olan SNP (nokta mutasyon veya tek nükleotid polimorfizm bölgeleri) sayıları ve bu SNP'lerin türleri de belirlenmiştir. Her kütüphanede yaklaşık 22 bin SNP belirlenmiştir.

Transisyon kökenli SNP oranlarının Transversiyon kökenli SNP oranlarına kıyasla daha yüksek olduğu belirlenmiştir. Analizler sonucunda, en yüksek SNP miktarının 25 762 ile İzmir 15 çeşidine ait çatlamış ve çatlamamış meyve dokusunda görüldüğü, en düşük SNP miktarının ise 21 338 ile Hicaznar çeşidine ait olgunlaşmamış meyve dokunda görüldüğü tespit edilmiştir. En yüksek transisyon kökenli SNP miktarı 16 135 ile İzmir 15 çatlayan meyve dokusunda, en az transisyon kökenli SNP miktarı 13 000 ile İzmir 15 çeşidine ait olgunlaşmamış meyve dokusunda olduğu belirlenmiştir.

Transversiyon kökenli SNP oranları incelendiğinde, en yüksek miktarın 9 647 ile Hicaznar çeşidine ait çatlamış meyve dokusunda, en düşük miktarın ise 8 196 ile Hicaznar çeşidine ait çatlamamış meyve dokusunda olduğu tespit edilmiştir. Kütüphanelere ait SNP miktarları Çizelge 4.5 'te verilirken, SNP tiplerine ait oransal dağılıma ait grafik, Şekil 4.3'de verilmiştir.

Çizelge 4.5.Kütüphanelerde Mevcut Olan SNP Çeşitlerine ve Oranlarına ait Veriler

Örnekler	Transisyon	Transversiyon	Toplam
Hicaznar-3. evre	14,285	8,463	22,748
Hicaznar- çatlamayan	13,192	8,196	21,388
Hicaznar-çatlayan	15,718	9,647	25,365
İzmir-15- 3. evre	13,600	8,298	21,898
İzmir-15-çatlamayan	16,135	9,627	25,762
İzmir-15 -çatlayan	14,924	9,272	25,762

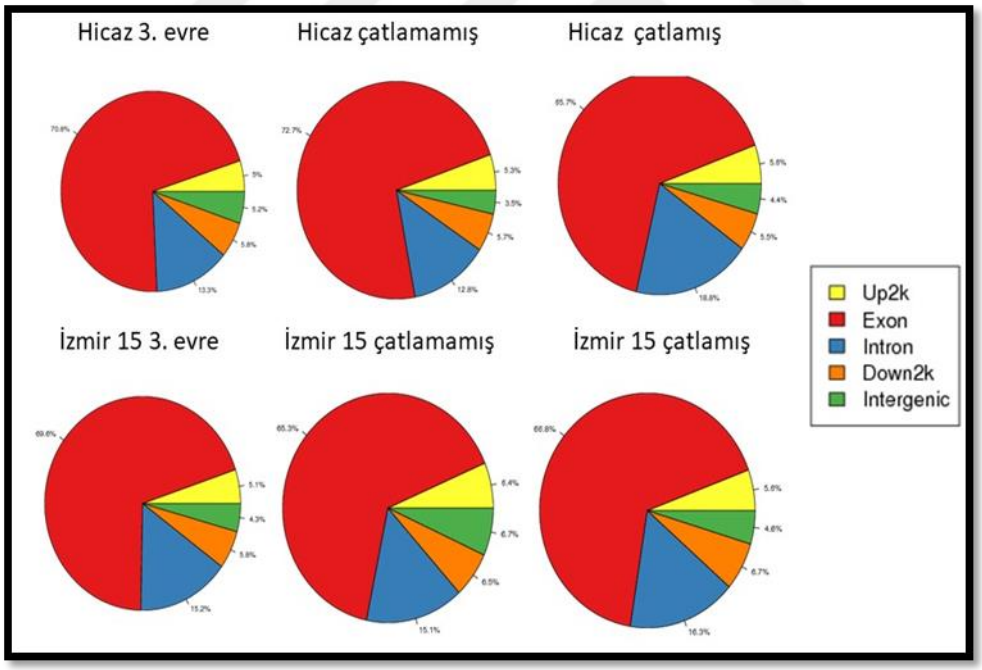


Şekil 4.3. SNP tiplerine ait oransal dağılıma ait grafik

Anotasyon ile genomda up stream, down stream, ekzon, intron ve intergenik bölgelerde birçok indel (İNDEL; insesiyon-delesyon) bölgeleri tespit edilmiştir. Elde edilen indel verileri incelendiğinde en yüksek indel oranı İzmir 15 çeşidine ait olgun çatlamamış meyve dokusunda, en düşük indel oranı ise Hicaznar çeşidine ait olgunlaşmamış meyve dokusunda olduğu tespit edilmiştir. Kütüphanelere ait indel sayıları, Çizelge 4.6'de verilirken indel oranlarının dağılımını gösteren grafikler, Şekil 4.4'te sunulmuştur.

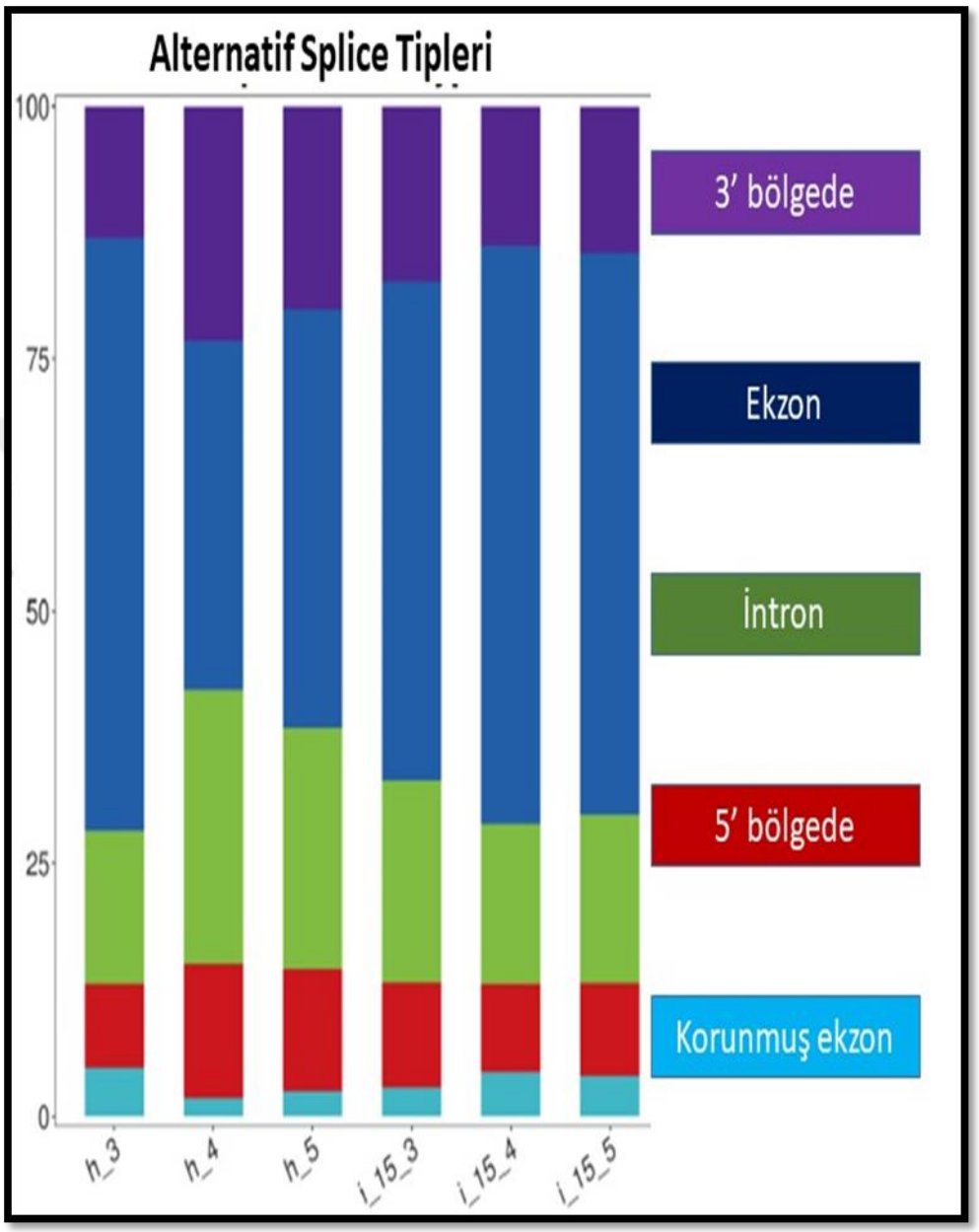
Çizelge 4.6. Kütüphanelere ait İndel Sayıları

Hicaznar 3. evre	Hicaznar çatlamamış	Hicaznar Çatlamış	İzmir-15 3. evre	İzmir-15 Çatlamamış	İzmir-15 Çatlamış
4358	4550	5386	4597	4522	5026



Şekil 4.4. Örneklere ait indel dağılım grafiği

Temiz okumaların referans genoma haritalanması sonucu çok sayıda izoform gen tespit edilmiştir. İzoform genler, bir genin sahip olduğu ekzonların farklı kombinasyonlarla birleşmeleri sonucunda oluşan genlerdir. Bu durum, alternative splicing olarak adlandırılan proses sonucu oluşmaktadır. Analiz sonucu ekzon, intron. 5' bölge, 3' bölge ve korunmuş ekzon bölgelerinde izoform genler tespit edilmiştir. En düşük izoform gen oranlarının korunmuş ekzon bölgelerinde, en yüksek oranların ise ekzon bölgelerinde oluştuğu belirlenmiştir. İntron bölgelerinde oluşan izoform gen oranları incelendiğinde, en yüksek oranın hicaznar çeşidine ait çatlamayan ve çatlayan meyve dokusunda görüldüğü tespit edilmiştir. Örneklerde mevcut olan İzoform prosese ait oranlar ve bulundukları bölgelere ait dağılım grafiği, Şekil 4.5'de verilmiştir.



Şekil 4.5. Kütüphanelerde mevcut olan izoform genlere ait dağılım grafiği

Farklı tür ve çeşitlerde birçok fizyolojik. biyolojik ve genetik mekanizmanın aydınlatılması amacıyla yürütülmüş RNA-Seq analizleri mevcuttur. Özellikle son yıllarda birçok aktiviteyle ilişkili proseslerin aydınlatılması ve moleküler temellerinin belirlenmesi amacıyla transkriptom analizi yoğun olarak kullanılmaktadır (Garg ve Jain, 2013; R. Liu ve ark, 2014; Martin ve ark, 2013; Schliesky ve ark, 2012). Sekanslama çalışmalarında, dizilemeden sonra farklı baz sayıları ve okuma oranları elde edilebilir. Okuma oranlarının farklılık göstermesinin temel nedenlerinden biri, her dokunun ve her hücrenin farklı gen kompozisyonuna sahip olmasıdır (Wolf, 2013). Farklılığı oluşturan bir diğer neden ise dizilemede kullanılan platform, okuma kalitesi, okuma uzunluğu, haritalama oranlarıdır. Okuma oranlarında görülen farklılıklar, transkript sayısı, izoform gen sayısı, SNP ve indel oranlarını da etkilemektedir. RNA-Seq analizlerinde okuma oranlarının yüksek olması gerekmektedir. Böylelikle transkriptom analizinde gen sayılarının, izoform genlerin, SNP ve indel gibi bölgelerin detaylı analizi mümkün olmaktadır (Schliesky ve ark, 2012).

Luo ve ark (2020), sert ve yumuşak çekirdekli nar çeşitlerinin genomik analizini yapmak ve sert/yumuşak çekirdeklilik durumunun genetik temellerini aydınlatmak amacıyla genom ve transkriptom analizi yapmışlardır. Genom analizi sonucuna, nar genomunun yaklaşık 320 MB boyutta olduğu vurgulanmıştır. Transkriptom analizi sonucunda, yaklaşık 33 000 protein kodlayan gen belirlenmiş ve bu genlerden yaklaşık 23 000'ni transkriptom analizi ile teyit edilebildiği rapor edilmiştir.

Yuan ve ark (2018), narda ovul gelişim biyolojisinin moleküler temellerinin belirlenmesi amacıyla bazı nar çeşitlerinde genomik ve transkriptomik analizler yapmışlardır. Çalışma sonucunda nar genomunun yaklaşık 336 MB büyüklüğünde olduğu ve tahmini gen sayısının 30903 olduğu fakat 22426 genin teyit edildiği bildirilmiştir. Teyit edilen genlerin 13 000 gen ailesi oluşturduğu ve bu gen ailelerinin *E. grandis'e* (11 992) ait gen aileleri ile benzerlik gösterdiği vurgulanmıştır.

Belay ve ark (2020), RNA-Seq analizi sonucunda 6 farklı kütüphanede toplamda 98 milyon baz okuma elde ettiklerini ve her kütüphane için 15 000 000 ham okuma ürettiklerini ifade etmişlerdir. Analiz sonucunda, 14 989 gen tespit edebildiklerini vurgulamışlardır. Literatür kaynakları ile kıyaslandığında, tez kapsamında elde edilen sekans verilerinin yüksek olduğu, okuma oranlarının kalite parametreleri ile örtüştüğü, transkriptom analizi ile elde edilen 22 000 genin ve her kütüphane için üretilen 55 milyonluk temiz okumanın daha önce yayınlanan nar genomlarına ait gen sayıları ile benzerlik gösterdiği görülmektedir.

SNP ve indeller genetik farklılıkların belirlenmesinde, evrimsel süreçlerin aydınlatılmasında ve bazı fenotipik karakterlerin tanımlanmasında oldukça önemli bilgiler edinilmesine olanak tanımaktadırlar Genom boyunca çok yoğun olarak dağılım göstermeleri, genetik farklılıkların aydınlatılmasında geniş bir bilgi sunmaktadırlar. Bu nedenle transkriptomik ve epigenetik farklılıkların tanımlanmasında SNP ve İndellerden yararlanılmaktadır (Mielczarek ve Szyda, 2016). Tez kapsamında elde edilen transkriptom verileri incelendiğinde, yüksek miktarda SNP ve İndel tespit edildiği ve tespit edilen SNP ve İndellerin, ekzon bölgelerinde yoğunlaştığı görülmektedir. Kütüphaneler arasında SNP ve indel sayılarında, farklılık görülmektedir. Bunun nedeni, kütüphanelere ait transkriptomik verilerin farklılığından kaynaklanmaktadır.

Kütüphaneler arasında transkriptomik verilerin farklılığı, farklı ekspresyon düzeyine sahip genlerle ve gen sayıları ile ilişkilidir. Bu nedenle kütüphanelere ait SNP ve İndel sayıları farklılık göstermektedir. Tespit edilen SNP ve İndel'lerin ekzonik bölgelerde bulunması, diğer bir ifadeyle eksprese olan genlerin yapılarında bulunması, meyve dokularında oluşan fizyolojik, metabolik ve moleküler cevapların oluşmasına neden olan genlerle ilişkili olabileceğini de göstermektedir. Nitekim abiyotik stres cevapları oluşturan genler ve bu genlerle bağlantılı olan SNP ve İndel'lerin bazı karakterlerin tanımlanmasına olanak tanıdığı ve özellikle ıslah programları için geniş bilgiler sundukları bildirilmiştir (Rostoks ve ark, 2005). Bu nedenle tez kapsamında alınan veriler incelendiğinde, çeşitlere ait çatlamış

meyve dokularında, çatlamamış meyve dokularına oranla daha yüksek SNP ve İndel tespit edilmesi, fizyolojik bir problem olan çatlama sorununun SNP ve indel oluşumunu tetikleediği düşünülmektedir.

Çeşitler, sahip oldukları genetik farklılıklar nedeni ile aynı koşullara farklı moleküler cevaplar vermektedirler. Gen ekspresyon düzeyinde meydana gelen değişimler, birçok koşul ve uyarıcıya bağlı olarak değişmektedir. Çeşitli uyarıcılara karşı oluşturulan yanıtların, genotiplerin sahip olduğu gen kompozisyonu ve genlerde dağılım gösteren SNP ve indel farklılıkları veya benzerlikleri ile ilişkilendirilmektedir. Bu nedenle son yıllarda genom boyunca çok sayıda dağılım göstermeleri nedeniyle SNP ve indel'lerden yararlanılmaktadır (Daniel ve ark, 2015; Kim ve ark, 2014; Kumar ve ark, 2012; Nielsen ve ark, 2011).

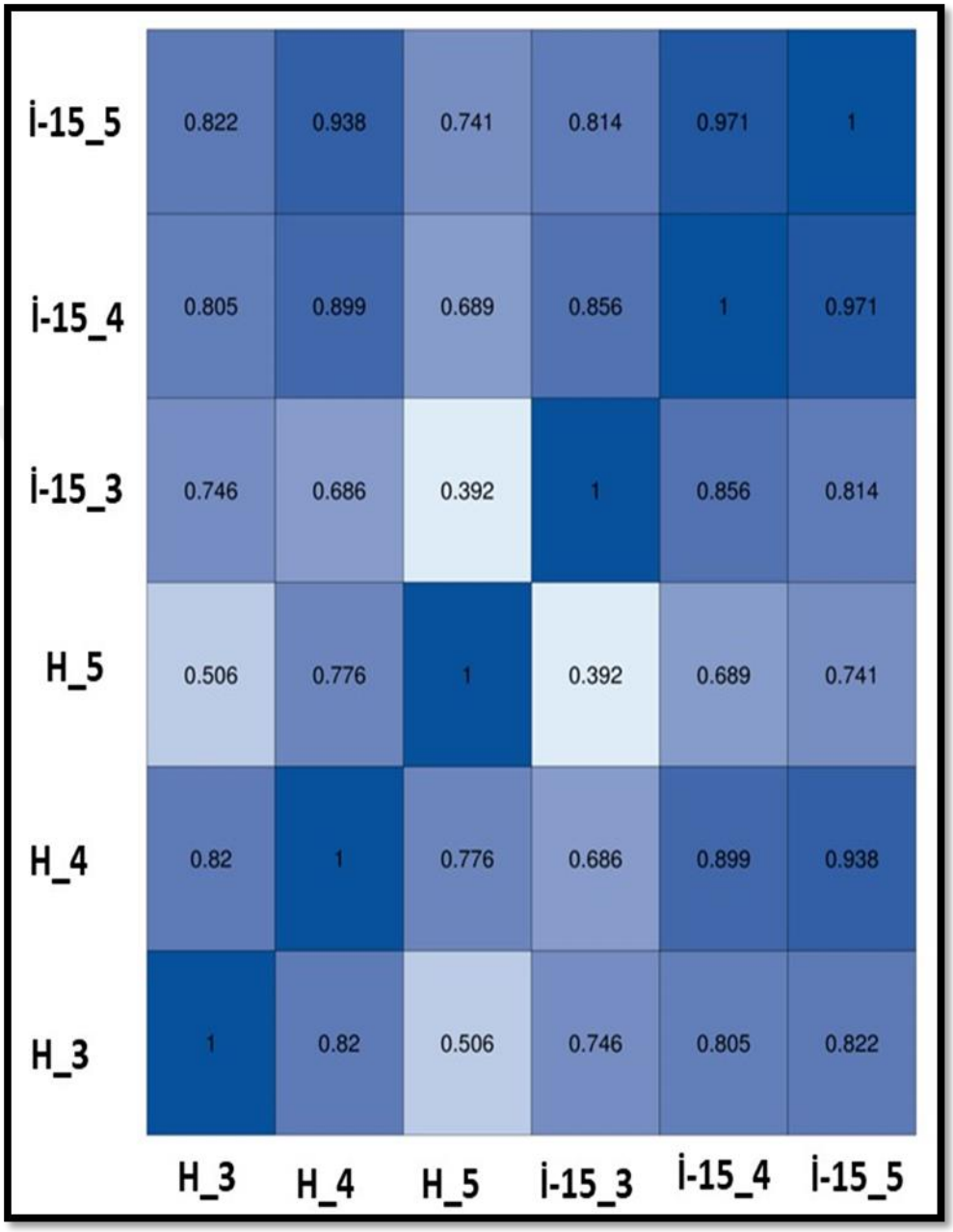
Tez kapsamında, RNA-Seq analizi ile elde edilen SNP ve İndel oranlarının diğer kütüphanelere kıyasla çeşitlere ait çatlamış meyve dokularında daha yoğun olması ve sayısal olarak yine bu dokularda artışlar görülmesi çevresel koşulların meyve dokularında SNP ve İndel'lere neden olduğu ve bu farklılıkların meyve çatlamasına karşı hassasiyeti arttırmış olabileceği düşünülmektedir. Nitekim abiyotik stres koşullarının meyve çatlamasına neden olduğu veya çatlama şiddetini arttırdığı bildirilmiş olup, bitkinin bu fizyolojik soruna karşı bazı biyokimyasal yanıtlar oluşturduğu (Yılmaz ve Özgüven (2006), SNP ve indel'lerin bazı fenotipik karakterin oluşmasına yol açtığı rapor edilmiştir (Kumar ve ark, 2012; Telem ve ark, 2016).

4.1.4. Gen Ekspresyon Analizi

Temiz okumaların referans genoma haritalanmasından sonra belirlenen transkriptlere ait gen ekspresyon düzeyleri tespit edilmiştir. Ekspresyon düzeyinin belirlenmesi amacıyla FPKM (Fragments Per Kilobase of Exon Per Million Fragments Mapped) değerinden yararlanılmış ve belirlenen her transkripte ait gen ifade düzeyi oluşturulmuştur. Böylece örnekler arasında ifade olan ortak ve farklı

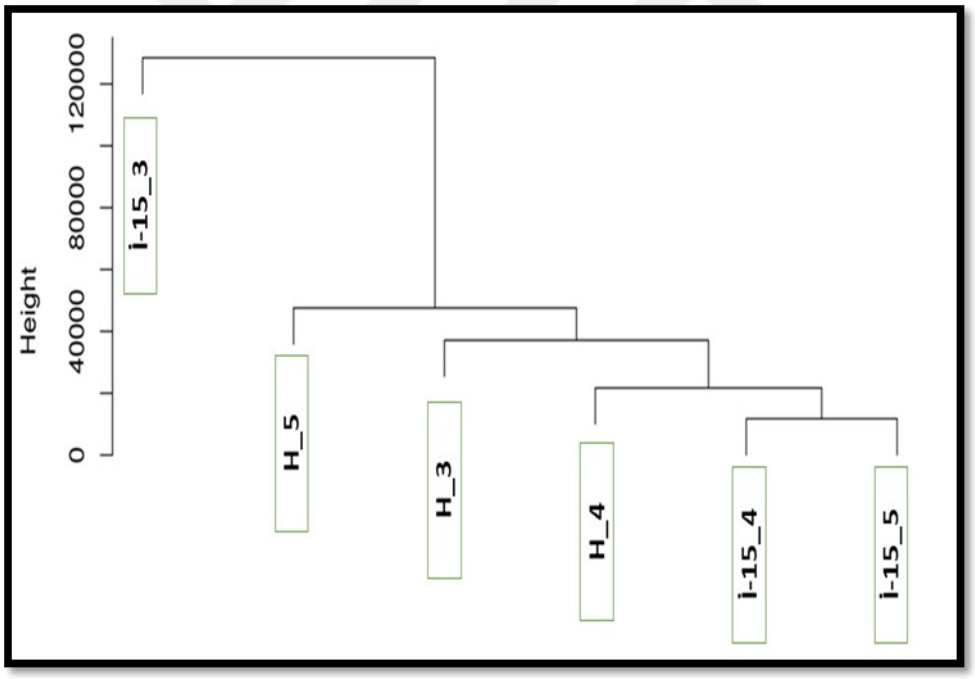
genler ortaya çıkarılmıştır. Tüm örneklere ait FPKM değerleri, Ek 1'de sunulmuştur.

FPKM değerleri temel alınarak yapılan analiz sonucunda, örneklere ait gen ifade düzeyleri belirlenmiş aynı zamanda her örneğe ait korelasyon değerleri hesaplanmıştır (Şekil 4.6). Öneklere ait korelasyon değerleri incelendiğinde, en düşük benzerlik ilişkisinin 0,392 korelasyon değeri ile İzmir 15 çeşidine ait olgunlaşmamış (İ 15_3) örnek ile Hicaznar çeşidine ait olgun çatlamış (H_5) örnek arasında olduğu belirlenmiş ve örnekler arasında zayıf bir benzerlik olduğu tespit edilmiştir. Analiz sonucunda en yüksek benzerlik ilişkisinin 0,971 korelasyon değeri ile İzmir 15 çeşidine ait olgun çatlamamış örnek ile İzmir 15 çeşidine ait olgun çatlamış meyve arasında olduğu görülmüştür.



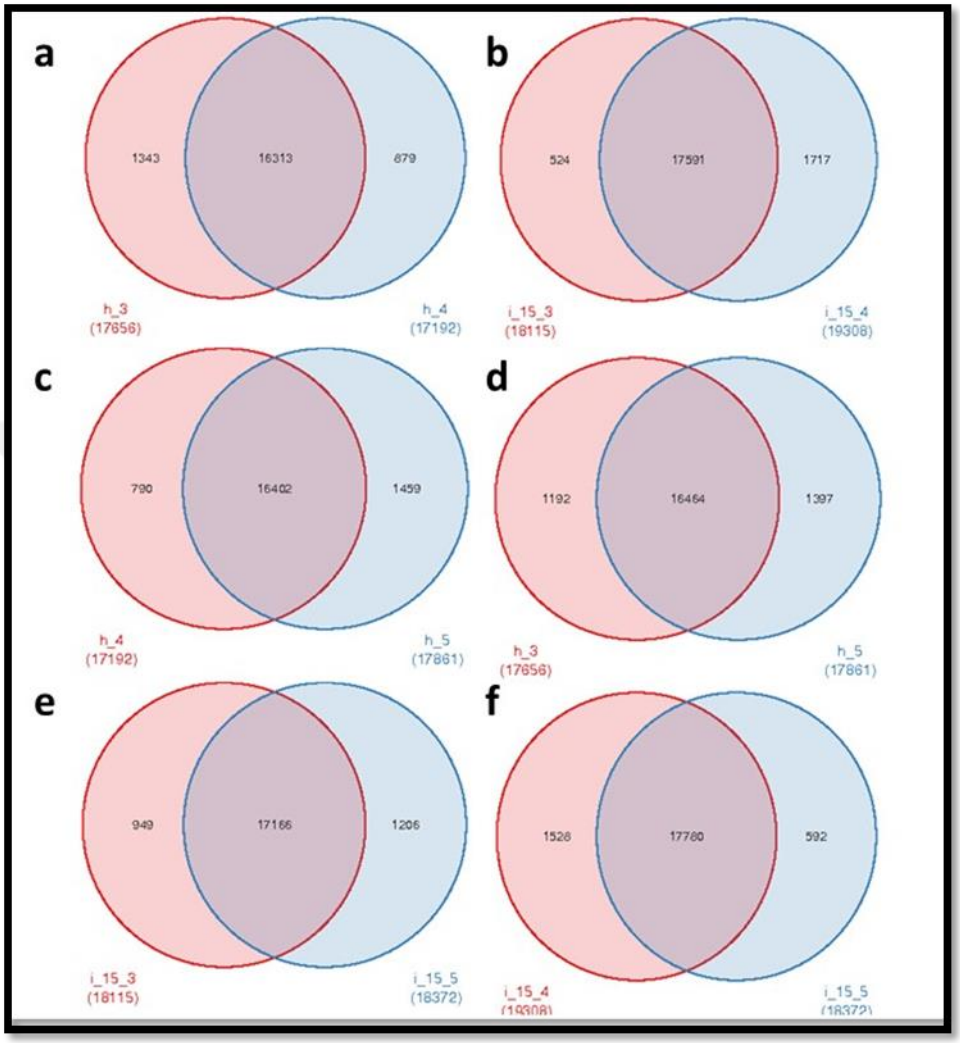
Şekil 4.6. Örneklere ait korelasyon değerleri

FPKM değerlerinden yararlanılarak, örneklere ait ifade olan genlerin benzerlik indeksleri belirlenmiştir. Benzerlik indeksleri kullanılarak örneklere ait kümeleme (cluster) analizi yapılmış ve dendogram oluşturulmuştur. Kümeleme analiziyle örneklerin iki gruba ayrıldığı belirlenmiş olup İzmir 15 çeşidine ait olgunlaşmamış örneğin (İ-15_3) diğer örneklerden ayrıldığı ve farklı bir grup oluşturduğu tespit edilmiştir. Hicaznar çatlamamış örnek (H_4), Hicaznar çatlamış örnek (H_5), İzmir 15 çatlamamış örnek (İ-15_4) ve İzmir 15 çatlamış (İ-15_5) örneğin aynı grupta yer aldığı fakat Hicaznar çatlamış örneğin (H_5) diğer örneklerden farklılık gösterdiği ve ayrı bir grup oluşturduğu görülmüştür. Gen ifade düzeyindeki benzerlik ve farklılıklar temel alınarak oluşturulan dendogram, Şekil 4.7'de sunulmuştur.



Şekil 4.7. Örneklere ait dendrogram

Gen ekspresyon analizi ile örnekler arasında ortak ve farklı ifade olan genler sayısal olarak tespit edilmiştir ve bu sayısal değerler temel alınarak örneklere ait venn diyagramları oluşturulmuştur. Örneklere ait veriler incelendiğinde Hicaznar olgunlaşmamış örnek (H_3) ile Hicaznar olgun çatlamamış örnek (H_4) arasında 16 313 genin benzer ifade düzeyine sahip olduğu, 1 343 genin yalnız Hicaznar olgunlaşmamış örnekte, 879 genin ise yalnız Hicaznar çatlamamış örnekte farklı seviyede ifade olduğu belirlenmiştir. Örnekler arasında ortak ve farklı ifade düzeyine sahip gen sayısı incelendiğinde, yaklaşık 16 000 genin ortak ve benzer ifade düzeyine sahip olduğu, yaklaşık 3000 genin ise örnekler arasında farklı ifade düzeylerine sahip olduğu görülmüştür. Örnekler arasında farklı ifade düzeylerine sahip gen sayıları, Şekil 4.8'de verilmiştir



Şekil 4.8. Örnekler arasında ortak ve farklı ifade olan gen sayılarına ait diyagramlar

Örneklere ait korelasyon değerleri ve benzerlik indeksleri temel alınarak oluşturulan dendrogram incelendiğinde, İzmir 15 çeşidine ait olgunlaşmamış meyve dokusunun korelasyon değerinin diğer örneklerden farklı olduğu ve diğer örneklerle benzerlik oranının çok düşük olduğu görülmüştür. İzmir 15 olgunlaşmamış örneğin benzerlik oranının çok düşük olduğu, örneklere ait dendrogramda da görülmektedir. İzmir 15 olgunlaşmamış örneğin diğer

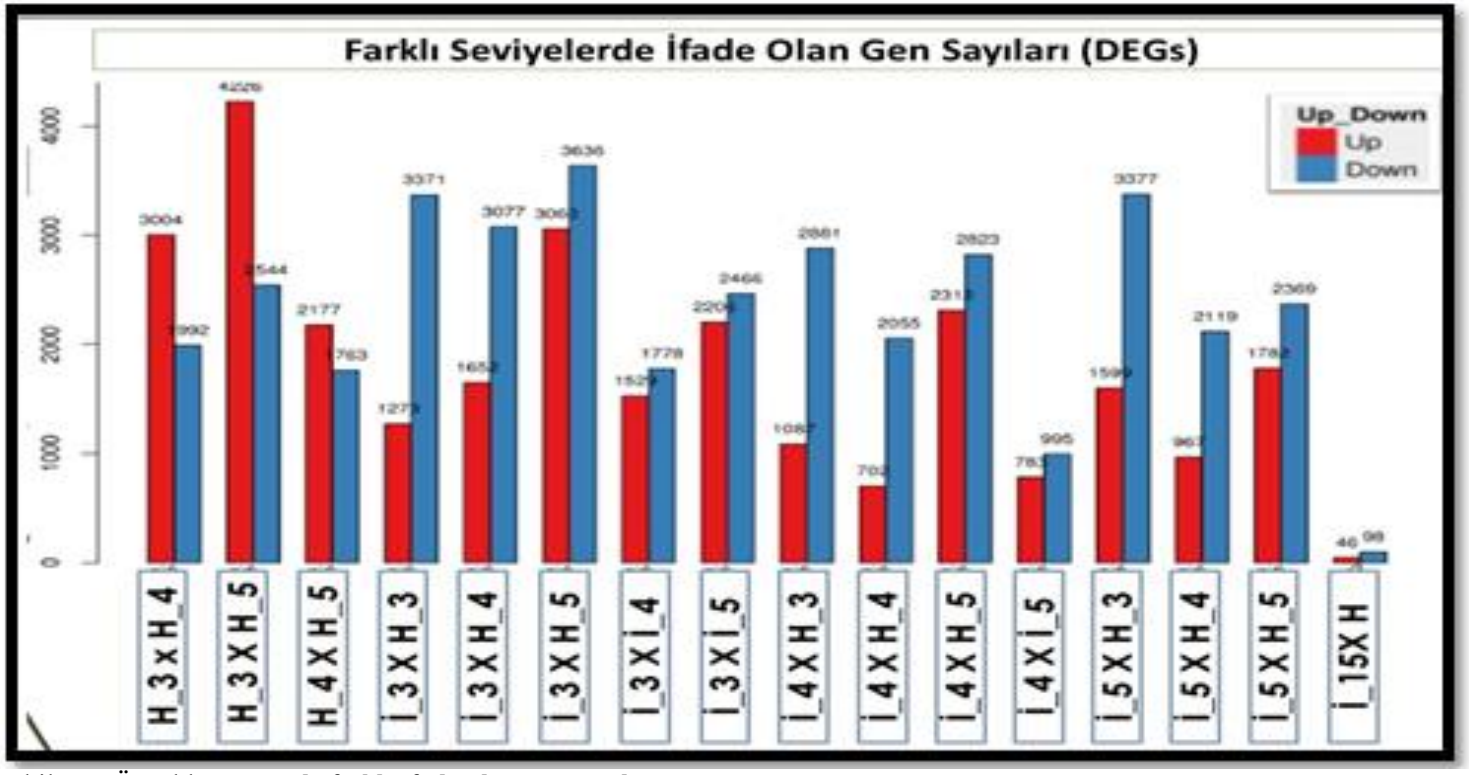
örneklerden farklılık göstermesinin nedeni eksprese olan gen sayısı ve bu genlere ait ekspresyon düzeyi farklılıklarıdır. Elde edilen veriler incelendiğinde, İzmir 15_3 örneğinin aynı evreye sahip Hicaz_3 örneğinden 1 282 gen bakımından farklılık gösterdiği ve bu genlerin Hicaz_3 örneğinde eksprese olmadığı görülmüştür. Yine H_3 örneğine ait 823 genin, İzmir-15_3 örneğinden farklılık gösterdiği bu genlerin İzmir-15_3 örneğinde eksprese olmadığı tespit edilmiştir. Bu farklılıklar, kütüphanelerde özellikle olgunlaşma sürecine dahil olan gen sayısı ve bu genlere ait ekspresyon düzeyindeki farklılıklarla ilişkilidir. Yine örneklere ait benzerlik oranları incelendiğinde, Hicaznar çatlamış meyve örneğine ait benzerlik oranlarının H_3, H_4, İ-15_4 ve İ-15_5 örneklerine ait benzerlik oranlarından düşük olduğu ve bu örneklerle orta düzeyde bir benzerliğe sahip olduğu görülmüş, bu durum dendrogramla da teyit edilmiştir. Hicaznar çatlamış meyve dokusuna ait bu farklılık, meyve çatlama probleminine karşı H_5 örneğinin oluşturduğu moleküler cevapların farklılığından kaynaklandığı, oluşturulan cevapların bazı mekanizmaların uyarılmasına ve bu mekanizmalarla ilişkili olan genlerin ekspresyon düzeyinde değişimlerin oluşturulmasına neden olması ile açıklanabilir. Çeşitler arasında çatlamış meyve örneklerine ait gen sayısı ve bu genlere ait ekspresyon düzeyi farklılıkları ise çeşitlerin sahip olduğu genetik farklılıkla ilişkilendirilmektedir. Nitekim fizyolojik, metabolik ve moleküler mekanizmalarla ilişkili genlerin ekspresyon düzeyinde meydana gelen değişimlerin çok farklı sebepleri olduğunu bildiren çok sayıda yayın bulunmaktadır. Gelişim dönemleri, genotiplere ait genetik farklılıklar, biyotik ve abiyotik koşullar ve bu koşulların dokular üzerinde farklı etkiler yaratması bu değişimlerin yalnızca bazılarıdır (Aguilar ve ark, 2008; Chinnusamy ve ark, 2007; O'donnell ve ark, 1996; Parvaresh ve ark, 2012; Qian ve ark, 2020). İzmir 15 olgunlaşmamış örnek ve Hicaznar çatlamış örneğin diğer örneklerden farklılık göstermesinin nedeni ise çeşide bağlı genetik farklılıklar ve çeşitlere ait gelişim dönemlerindeki farklılıklarla ilişkili olduğu anlaşılmaktadır

Luo ve ark (2018), narda meyve kabuğu renklenmesinin moleküler temellerini araştırmak için kırmızı ve beyaz renkli meyve kabuğuna sahip iki farklı çeşit kullanılarak RNA-Seq analizi yapmışlardır. RNA-Seq analizi için çeşitlere ait iki farklı gelişme döneminde alınan dokular kullanılmıştır. Gelişim dönemine ait dokular, gen sayısı ve ifade düzeyinde değişim görülen gen sayısı bakımından kıyaslandığında, beyaz nara ait dokularda kırmızı nara kıyasla 4 073 gende farklılık olduğu ve 1 447 genin ekspresyon düzeyinde artış, 2 626 genin ekspresyon düzeyinde düşüş olduğu görülmüştür. Yine olgun beyaz ve kırmızı nar dokularına ait gen sayıları ve ifade düzeyinde değişim görülen gen sayıları kıyaslandığında 7 225 genin ifade düzeyinde değişimlerin olduğu bildirilmiştir. Yapılan çalışmada gelişim dönemine kıyasla olgun meyve dokusunda ekspresyon düzeyi değişen gen sayılarının farklı olduğu bu oranının arttığı bildirilmiştir. Anlaşılacağı gibi, tez kapsamında analiz edilen örnekler arasında ekspresyon düzeyinde farklılıklar görülmektedir, bunun nedeni genlerin dokuya, hücreye, strese ve gelişim dönemlerine bağlı olarak değişmesinden kaynaklanmaktadır.

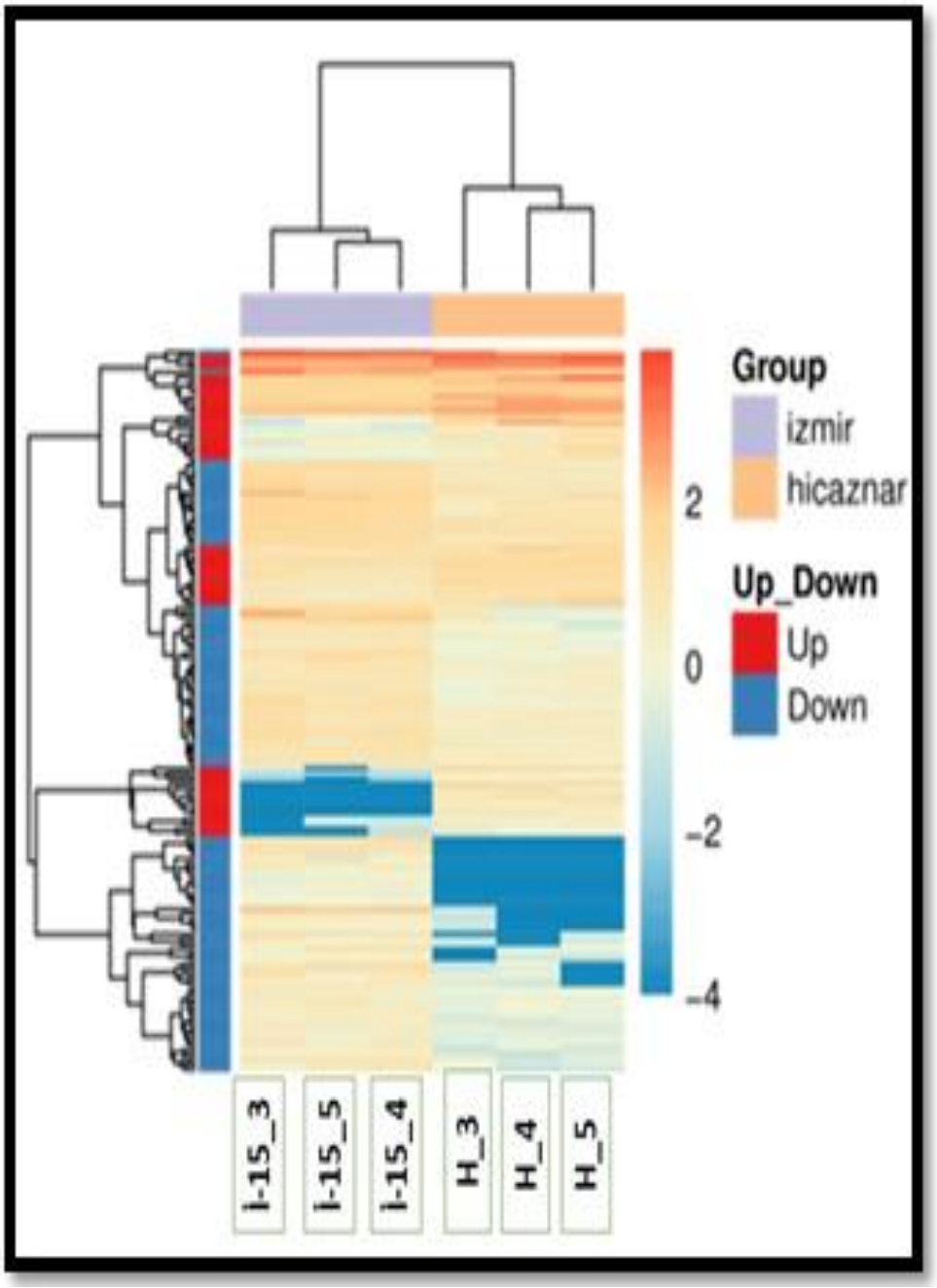
4.1.5. Farklı Seviyelerde İfade Olan Genlerin (DEGs) Belirlenmesi

Sekans verileri kullanılarak elde edilen transkriptler ve transkriptlere ait gen ekspresyon seviyesinin belirlenmesinin ardından, transkriptlere ait FPKM değerleri baz alınarak her transkript için ifade değişim değeri (fold cange) hesaplanmıştır. Böylelikle her kütüphaneye ait ifadesi değişen transkript sayısı ve bu transkriptlerin değişim yönü belirlenerek, örneklere ait ekspresyon profili oluşturulmuştur. Ekspresyon profili ile gen ekspresyon düzeyi artan (up regüle) veya ekspresyon düzeyi azalan (down regüle) gen sayısı tespit edilmiştir. Analiz ile örnekler arasında up regüle veya down regüle olan gen sayıları karşılaştırılmış ve örneklere ait detaylı transkriptom analizi yapılmıştır. Analiz sonucunda en yüksek ifade değişim oranları Hicaznar olgunlaşmamış (H_3) örnek ve Hicaznar çatlamış (H_5) örnek arasında görülmüştür. H_3 ve H_ 5 kütüphaneleri arasında 4 226 genin ifade düzeyinin arttığı (up regüle), 2 544 genin ise ifade düzeyinin azaldığı

(down regüle) görülmüştür. Yine İzmir 15 çeşidine ait olgunlaşmamış (İ-15_3) örnek ile İzmir 15 çeşidine ait çatlamış (İ-15_5) örnek arasında 3 060 genin ifade düzeyinde artış, 3 636 genin ifade düzeyinde azalış görülmüştür. En düşük ifade değişim oranı İzmir 15 çeşidine ait çatlamamış (İ-15_4) örnek ile İzmir 15 çatlamış (İ-15_5) örnek arasında görülmüştür. İzmir-15 çatlamamış örnek (İ-15_4) ile İzmirİ-15 çatlamış örnek (İ-15_5) arasında 783 genin ifade düzeyinde artışlar olduğu, 995 genin ifade düzeyinde ise düşüşler olduğu belirlenmiştir. Kütüphanelere ait ekspresyon düzeyi değişen gen sayıları Şekil 4.9'da verilmiştir. Kütüphanelere ait çoklu gen karşılaştırmalarının yapıldığı Heatmap haritası ise Şekil 4.10'da verilmiştir.



Şekil 4.9. Örnekler arasında farklı ifade olan gen sayıları



Şekil 4.10. Kütüphanelere ait farklı seviyelerde ifade olan genlerin Heatmap haritası

Ekspresyon düzeyi değişen transkriptler, NCBI (National Center for Biotechnolgy Information) veri tabanı kullanılarak tanımlanmıştır. Tanımlamalar sonucunda bazı kütüphaneler arasında, ekspresyon düzeyinde değişim görülen önemli genler belirlenmiştir. Kütüphaneler arasında ekspresyon düzeyinde farklılık görülen bazı genler *LLR-RI*, *LLR* gen ailesi, *ABC 2* traansport gen ailesi, *NB–ARC* domain gen ailesi, transmembran reseptör protein gen ailesi, *MLO gen ailesi*, Sulfotransferaz gen ailesi, *PLN00113*, Melactin (Di-glukose_binding), *STK-IRAK* (catalytic domain kinase), *İnterleukin-1* reseptor kinase, Salt stress response/antifungal gen ailesi, *Ring-Ubox*, transporter ATP binding, B_lectine gen ailesi, glycoside hydrolase gen ailesi, *Cyclin*, *Cyclin N terminal domain*, *Cupin 1*, *Cupin oxox gen ailesi*, *No apical meristem (NAM) gen ailesi*, *TIR* domain, *Ribozomal_L18*, Double bond reductase, Auxin_IAA, Metiltransferaz gen ailesi, Naringenin 2-oxoglutarate 3-dioxygenase, P450, Endoglukonaz, FBA_1 (Ubikinon), Purine nükleobaz transmembran, transport glucose-1-phosphate, adenylyltransferase, adenozin metiltransferaz, 4-coumarate-CoA ligase, peroxidase, GNS1/SUR4 gen ailesi (ELO), Selüloz sentaz, Oksidoreduktaz, Pürivat kinaz, PUNUT- transmembrane proteins, Vascular transport ssistem, PLN02241-şeker transferaz, Glikozil hidrolaz, SRG1, HAD_VSP, SANT gen ailesi, Hydrolases- Ca, fosfat regülasyonu, (Calsiyum/fosfatsinyal iletim) HLH-ACT sinyal iletim, F-Box (LRR-WD, ilişkili polyubiquitination, transcription elongation)'tır.

Önemli bulunan genlerin birçok kütüphanede ekspres olduğu görülmüştür fakat sayılan bazı genlerin İzmir 15 çatlamış örnek ile Hicaznar çatlamış örnek arasında ekspresyon düzeylerinde önemli farklılıkların olduğu tespit edilmiştir. Önemli bulunan bazı genlerin bir kısmı savunma ve dayanıklılık mekanizmaları ile ilişkili olması, biyotik ve abiyotik stres cevaplarının oluşturulması proseslerinde görev almaları, İzmir 15 çeşidinin ve Hicaznar çeşidinin meyve çatlama problemine karşı farklı düzeyde moleküler cevaplar oluşturduğunu göstermektedir. Önemli bulunan genlerin ekspresyon düzeyleri incelendiğinde, bu genlerin İzmir

15 çeşidinde Hicaznar çeşidine kıyasla daha düşük eksprese olduğu, Hicaznar çeşidinde ise bu genlerin ekspresyon düzeyinin daha yüksek olduğu belirlenmiştir. Çeşitler arasında görülen bu ekspresyon farklılıkları, meyve çatlama problemine karşı çeşitlerin göstermiş oldukları dayanıklılık düzeyi ile ilişkili olduğu düşünülmektedir. Nitekim savunma sistemi ile ilişkili olan genlerin ekspresyon düzeyinde düşüşlerin olması, dayanıklılık cevaplarının yetersiz kalmasına veya cevapların oluşmamasına neden olacaktır. Bu durum bitkilerde fizyolojik ve metabolik olarak birçok fonksiyonunda yetersizliklere ve bitkinin maruz kaldığı sorunla mücadelesinde hassasiyetlere neden olabilmektedir. Bitkide yeterli düzeyde cevapların oluşturulamaması fizyolojik, metabolik ve anatomik problemlerin ortaya çıkmasına veya var olan problemlerin şiddetlenmesine yol açabilmektedir. Çalışmamızda elde ettiğimiz veriler incelendiğinde, İzmir 15 çeşidinde dayanıklılık cevaplarının Hicaznar çeşidine kıyasla daha yetersiz olduğu ve bu durumun İzmir 15 çeşidinde çatlama oranını arttırdığı düşüncesini oluşturmaktadır. Önemli bulunan ve İzmir 15 çeşidinde ekspresyon düzeyi düşük olan genlerin fonksiyonları incelendiğinde, meyve çatlama sorununa karşı İzmir 15 çeşidinde görülen hassasiyetin ve Hicaznar çeşidinde görülen dayanıklılığın temelinin, moleküler düzeyde oluşturulan cevapların güçlü ve/veya zayıf olması, bu durumun bitki ümmin sistem yanıtlarını tetikleme düzeyi ile ilişkili olduğu net olarak görülmektedir. Meyve çatlamasında önemli bulunan genlerin büyük bir kısmının dayanıklılık ve ümin sistem yanıtları ile ilişkili olması bu durumu açıkça desteklemektedir.

MLO gen ailesi, dayanıklılıkla ilişkili olan gen ailelerine dahil olup, korunmuş transmembarn domanine (kalmodilin) sahip, bitkiye direnç kazandıran önemli bir gendir. Bitkide büyüme ve gelişim fizyolojisi, biyotik ve abiyotik stres cevapları oluşturulması, hücre ölümünü ve hücresel degredasyonun yeniden düzenlenmesi ve transmembran proteinlerin kodlanması gibi önemli fonksiyonlara sahiptir (Deshmukh ve ark, 2014, 2016). Özellikle perikarp dokusunu, olumsuz

ekolojik koşulların etkilerine ve çeşitli patojen ataklarına karşı koruyucu cevapların oluşturmasına olanak tanıdığı bildirilmiştir (Islam ve Yun, 2016).

Siklinler, hücre ve hücresel döngüleri kontrol eden önemli bir gen ailesidir. Hücre gelişimi, DNA replikasyonu, mitoz ve mitoz döngülerinin kontrolünde rol oynamaktadırlar. Sahip olduğu fonksiyonlarla fizyolojik regülasyonlarda görev almakta ve birçok metabolik fonksiyonun kontrolünü üstlenmektedir (Kaldis ve ark, 2000; Levine ve Cross, 1995).

LRR gen ailesi, özellikle hastalıklara karşı dayanıklılık sağlayan önemli bir gendir. Birçok üyesi mevcuttur ve her üyenin aktif olduğu spesifik görevleri vardır. Hastalıklara karşı bitkiye direnç kazandırmanın yanı sıra patojen ataklarına karşı da bitkiye dayanıklılık kazandıran bir fonksiyona sahiptir. Bitki savunma sisteminde sinyallerin oluşturulmasına yardımcı olan, enfekte olmuş hücrelerin apoptosis proseslerini uyararak hücresel ölümlere neden olan gen ailesidir. *LLR* gen ailesi bitki immün sistem uyarılarının oluşmasında ve kontrolünde rol oynayan ve bu fonksiyonu türe dokuya ve enfeksiyona karşı spesifik olarak yürüten gen ailesidir (Gonzalez ve ark, 2015; Jupe ve ark, 2012; Shao ve ark, 2019).

NB–ARC domain gen ailesi, savunma ve dayanıklılık proteinleri olarak adlandırılmaktadır. Bitkinin spesifik adaptif ve savunma ümmin sistem proteinleridirler ve R genleri (R-resistant gene) olarak bilinen genlere dahildirler. Özellikle sinyal oluşturma ve sinyallerin iletilmesi ile bitkide dayanıklılık cevaplarının oluşturulmasına ve bitkinin olumsuz koşullara karşı dayanıklılık kazanmasına yardımı olurlar (Cokeroft ve ark, 2000; Kitsioscve Dooman, 2011; Mironov ve ark, 1999).

Cuupin, hücrelerde germinasyondan ve germinasyonunun kontrolünden, germinasyon sürecinde termostabil proteinlerin üretilmesinden sorumludur. Ayrıca hücre duvarı modifikasyonlarından, protein katlanmalarından, protein katlanmaları prosesleri ile hücre zarı ve hücre duvarı dayanıklılıklarını oluşturulmasından sorumludur. Abiyotik stresse ve çeşitli ekolojik koşullara dayanıklılık sağlama amacıyla ekzopolisakkarit üretimi gerçekleştirme, proteaz degredasyonunu

önlemede hücre yüzeyini ve hücre duvarını mikrobiyal ataklara ve proteazlara karşı koruma, proteazların enzimatik reaksiyonlarını durdurma, embriyo gelişi ve hücresel çoğalma için amina asit üretme gibi birçok fonksiyona sahiptir (Duwell ve ark, 2001).

U-Box gen ailesi, bitkide savunma sistemini pozitif yönde uyaran ve çeşitli faktörlere karşı bitkiye dayanıklılık sağlayan genlerdir. Ayrıca hücre ölümünü kontrol eden fonksiyona sahiptir. *U-box* genlerinin bir diğer fonksiyonu ise salisilik asit regülasyonundan sorumludur. Salisilik asit biyosentez regülasyonu ile bitkide sinyal iletimini regüle edip bitkinin savunma cevapları oluşturmasına veya transkripsiyon için sinyal oluşturmasına olanak tanımaktadır. Temel hücresel prosese, polinasyon sürecinin regülasyonu, kendi kendine döllenme sürecinde sinyallerin oluşturulması, stigma hücrelerinin S lockus kinazlarla birlikte etkileşimi, hücre gelişimi ve büyümesi, hücre genişlemesi, apoptosis, abiyotik ve biyotik cevapların oluşturulmasında görev almaktadırlar (Han ve ark, 2019; Hu ve ark, 2019). Salisilik asit uygulamalarının meyve çatlama oranının azalmasına ve meyve kalitesinin artmasına yardımcı olduğunu bildiren çalışmalar mevcuttur (Sayyari ve ark. 2009; Sayyari ve ark. 2011). Bitkide U-box geninde görülen ekspresyon düzeyindeki düşüşlerin salisilik asit biyosentezini azaltması ve dokuda oluşan salisilik asit yetersizliğinin meyve kabuğunda yırtılmaları veya çatlamaları tetiklemesi ile açıklanabilir. Nitekim, salisilik asit uygulamalarının dokuda meydana gelen salisilik asit yetersizliğini gidererek, meyve çatlama oranlarının azalmasına yardımcı olduğu fikrini oluşturmaktadır. Ayrıca salisilik asit uygulamalarının U-box geninin ekspresyonunu pozitif yönde etkileyerek, hücre hasarını veya hücre ölüümünü azalttığı bu durumun meyve çatlama oranını azalttığı düşünülmektedir.

NAM (No apical meristem) gen ailesi, morfogenesiz ile ilişkili genlerdir. Bu gen ailesinin temel fonksiyonu çiçek ve çiçek yapıları ile ilişkili fonksiyonların regülasyonu ve kontrolüdür. Floral yapıda meydana gelen değişimleri yönetmek ve regüle etmek, sepal, petal oluşum sürecini düzenlemek, stamnele ile ilgili

regülasyonları yürütmek, çiçekte siklohekzamid üretimini bloke etmek dahil çiçek ve çiçek organları ile ilgili çok geniş fonksiyonlara sahiptir. Bu genin ekspresyonunda azalmaların olması, yıpranmış (defekt) organ veya doku oluşumuna yol açmaktadır (Bowma ve Esled, 2000; Cleng ve ark, 2012; Sablowski ve Meyerowitz, 1998).

Transmembran reseptör protein, fosforilasyon prosesisyle ilişkilidir. Biyokimyasal efektörlerle ilişkili fizyolojik reaksiyonların regülasyonundan sorumludur. Hücre yüzeyine lokalize olan ve hücresel sinyal iletimini sağlayan transmembran proteinleridir. Birçok fizyolojik cevapların oluşmasında sinyal iletininde görev almaktadır. Bu genin ekspresyonunda düşüşlerin olması, hücrede birçok fonksiyonun yetersizliğine neden olmaktadır (Braun ve ark, 1997; Shiu ve Bleeker, 2003; Torii ve ark, 1996; Walker, 1994).

Tez kapsanımda önenli bulunan genler ve genlere ait fonksiyonlar incelendiğinde, meyve çatlamasının bitkide fizyolojik ve metabolik stres oluşturduğu bu nedenle dokuda biyotik/abiyotik stres, savunma ve dayanıklılık mekanizmaları ile ilişkili genlerin, sinyal iletim ve transport mekanizmaları ile ilişkili genlerin ekspresyon düzeyinde değişimlerin olduğu görülmektedir. *Mlo, LRR, TIR* dayanıklılık ve programlı hücre ölümü (apoptosis) prosesinin regülasyonunan sorumlu transmembran proteinlerdir ve aralarında interaksiyonlar bulunmaktadır (Islam ve Yun, 2016; Bayle ve ark., 2006; Van Ooijen ve ark., 2008). Bu genlerin en önemli özellikleri biyotik, abiyotik stres koşullarına ve çeşitli patojen atajlarına karşı bitkiye ve/veya dokuya dayanıklılık kazandırmaktır. Bu genlerin bir diğer ortak özellikleri ise hücre ölümü mekanizmasını regüle etmektir. Membran proteinleri olarak adlandırılan bu genlerin ekspresyonunda meydana gelen düşüşler, özellikle ekolojik ve patojen ataklarına karşı bitkiyi savunmasız bırakmakta, olumsuz koşullara karşı bitkinin zarar olmasına yol açmaktadır (Islam ve Yun, 2016: Van Ooijen ve ark., 2008: Bayle ve ark., 2006). *Mlo, LRR, TIR, Nb-ARC* gen ailelerine ait genlerin ekspresyonunda meydana gelen düşüşler veya bu genlerin hiç eksprese olmaması hücre ölümlerine dolayısı ile

doku zedelenmesine ve hasarına yol açmaktadır. Ooijen ve ark., (2008), *Mlo, LRR, TIR, Nb-ARC* genlerinde meydana gelen mutasyonların, hücre ölümü üzerine etkilerini araştırmışlardır. Yapılan çalışmada mutant genlere sahip dokularda zedelenmelerin oluştuğu, dokularda yaralanmaların ve hasarların meydana geldiğini bildirilmiştir.

ABC transport, membranlara lokalize olan ve lipit, karbonhidrat, sekonder metabolit, inorganik asit ve hormonların transportundan sorumludur. Özellikle çevresel koşullara karşı adaptif yanıtların oluşturulmasında önemli fonksiyonlara sahiptir (Kretzschmar ve ark., 2011). Kuromori ve ark., (2010), ABC gen ailesine ait bazı genlerde mutasyon oluşturmuşlardır. Mutasyon görülen genlere sahip bitkilerde ABA ile ABC transportunun önemli derecede ilişkili olduğunu vurgulamıştır. Yapılan çalışmada, ABC geni bakımından mutant olan bitkilerde ABA sinyal iletiminin düşük olduğu, hücrelere ABA alımının düştüğü ve buna pararlel olarak hücrelere su alımının azaldığı bildirilmiştir. Yapılan çalışmada mutant bitkilerde çimlenme oranının ve dokusal gelişimin çok düşük olduğu bildirilmiştir. ABC transport mekanizmasının bir diğer fonksiyonu ise hücre duvarı yapısına katılan lignin misselerinin monomerlerini taşımaktır. Lignin, fenilpropanoid biyosentez metabolizması bünyesinde sentezlenen ve biyosentezisırasında ATP-binding, kumaril alkol, glkoziltransferaz, glikozilhidrolaz, P450 ve endoplamik retikulum sisteminin interaksiyonu sonucu sentezlenmekte ve taşınmaktadır. Yapılan çalışmalar ABC transportunun, sekonder metabolitlerin taşınımında polisakarit ve lipit taşınımında, sinyal moleküllerinin taşınımında aktif rol oynadığını ve penilpraponoid biyosentezi ile ilişkili birçok genin ekspresyonunu etkilediğini bildirmiştir (Sibout ve Höfte, 2012). ABC transport genlerde meydana getirilen mutasyonların lignin biyosentezini azattığı, birçok sekonder metabolitin biyosentezini azalttığı, flavonid biyosentezini azaltığı ve birçok biyosentez mekanizmasıyla ilişkili enzimin eksprsyon düzeyinde düşüşlere neden olduğu bildirilmiştir (Sibout ve Höfte, 2012). Bu durum ABC transportunun hücre membranı ve hücre duvarı mekanizmasıyla sıkı bir bağ içinde

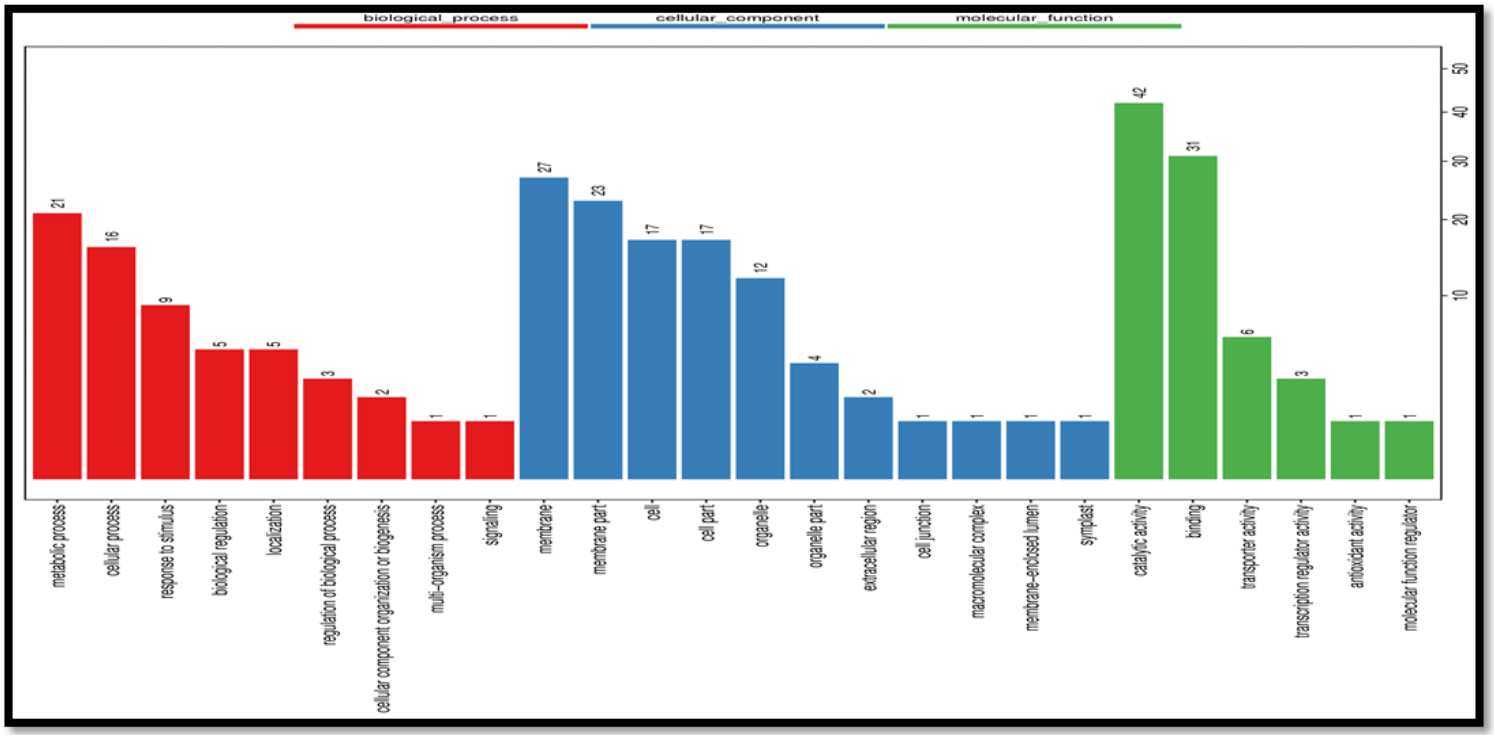
olduğunu göstermektedir. Bu transport mekanizmasına dahil olan genlerin ekspresyonunda meydana gelen düşüşler hücre membranı ve hücre duvarı dayanıklılılına yardımcı olan tüm biyotenzez mekanizmalarını etkilelemte ve hücreye ve dokuya hassasieyt kazandırmakta veya doku hasarına yol açmaktadır.

Gen ekspresyon analizi sonucunda önemli bulunan genlerin fonksiyonları göz önüne alındığında, meyve çatlamasına karşı İzmir 15 çeşidinin hassasiyetinin nedeni, çeşidin sinyal oluşturma ve sinyal iletiminde görülen yetersizliğin fizyolojik ve metabolik problemlere neden olmasıyla ilişkilendirilebilir. Sinyal iletiminde görülen aksaklık, fizyolojik ve metabolik reaksiyonların yetersizliği ve ümmin sistem cevaplarının oluşmamasına veya oluşan cevapların yetersiz kalmasına yol açtığı düşünülmektedir. Bu olumsuz koşulların, fizyolojik bir problem olan meyve çatlama sorununa karşı bitkiyi savunmasız bıraktığı ve dayanıklılık cevaplarının oluşmasını sınırlayarak meyve çatlama oranını şiddetlendirdiği ve meyve kabuğu dokusunda hasarlara yol açtığı düşünülmektedir. Hicaznar çeşidinin ise çatlamaya karşı dayanıklılığının temelinde yine aynı proseslerin dahil olduğu fakat savunma sistemi ve dayanıklılık mekanizması ile ilişkili güçlü cevapların oluşturulduğu bu nedenle daha düşük çatlama oranlarına sahip olduğu düşünülmektedir.

4.1.6. Gen Ontoloji (GO) Analizi

Tez kapsamında kullanılan örnekler arasında farklı seviyelerde ifade olan genlere ait gen ontoloji analizleri, http://www.geneontology.org veri bankası kullanılarak gerçekleştirilmiştir. Gen ontoloji, herhangi bir organizmaya ait genlerin özelliklerini ve ürünlerini tanımlayan fonksiyonel sınıflandırma sistemidir. Genlerin sahip olduğu ffonksiyonların anlaşılabilmesi ve aynı fonksiyona sahip genlerin bir arada görüntülenebilmesi için Gen ontoloji analizi oldukça önemli bir aşamadır. Gen ontoloji analizi ile genler moleküler fonksiyon, hücresel komponent ve biyolojik proses olarak üç farklı grupta incelenmektedir. Gen ontoloji analizi sonucunda metabolik prosesle ilişkili 21 gende, hücresel prosesle ilişkili 16 gende,

membranla ilişkili 27 gende, membran kısımları ile ilişkili 23 gende, katalitik aktivite ile ilişkili 42 gende ve DNA bağlanma elementi ile ilişkili 33 gende ekspresyon düzeyinde farklılıklar görüldüğü tespit edilmiştir. Gen ontoloji analizi sonucunda tespit edilen genlerin dahil oldukları prosesler ve gen sayıları, Şekil 4.11'de verilmiştir.



Şekil 4.11. İzmir 15 ve Hicaznar çeşidine ait Gen ontoloji analiz sonuçları

Gen ontoloji analizi sonucunda biyolojik proses, hücresel komponent ve moleküler prosesle ilişkili olan genlerin ekspresyon profili oluşturulmuştur. Fonksiyonlarına göre gruplandırılan genler incelendiğinde metabolik prosesle ilişkili yaklaşık 20 genin ekspresyon düzeyinde düşler olduğu, 8 tane genin ise ekspresyon düzeyinde artışlar olduğu görülmüştür. Hücresel prosesle ilişkili yaklaşık 15 genin ekspresyon düzeyinde düşüşlerin olduğu, 8 tane genin ise ekspresyon düzeyinde artışların olduğu görülmüştür. Hücresel komponentlerle ilişkili genler analiz edildiğinde, membranlarla ilişkili yaklaşık 25 genin ekspresyonunda azalışlar olduğu, 10 genin ekspresyonunda ise artışlar olduğu belirlenmiştir. Membran kısımları ile ilişkili yaklaşık 25 genin ekspresyonda düşler olduğu, 8 genin ekspresyonunda ise artışlar olduğu görülmüştür. Moleküler fonksiyonla ilişkili genler incelendiğinde katalitik aktivite ve DNA bağlanma elementleri ile ilişkili yaklaşık 30 genin ekspresyonunda düşüşlerin olduğu gözlenmiştir. Kütüphaneler arasında görülen gen ekspresyon düzeyindeki farklılıklar ve farklılıklara ait gen ontoloji analizleri, Şekil 4.12-4.17'de verilmiştir.

Hicaznar çeşidine ait kütüphanelerin Gen Ontoloji analizleri incelendiğinde, Hicaznar olgunlaşmamış örnek ve Hicaznar olgunlaşmış örneğe ait gen ontoloji sonuçlarının Hicaznar olgunlaşmamış örnek ve Hicaznar çatlamış örneğe ait Gen Ontoloji analiz sonuçları ile benzerlik gösterdiği görülmektedir. Biyolojik işlev, hücresel komponent ve moleküler proseslere dahil olan genlerin ekspresyon düzeyinde, yoğun olarak bir artış olduğu gözlenmiştir. Bu proseslere dahil olan ve ekspresyon düzeyinde artışlar görülen gen sayılarınında birbirine yakın olduğu ve benzer profillere sahip olduğu görülmüştür. Biyolojik işlev ile ilgili metabolik, hücresel ve biyolojik proseslere dahil olan genlerin ekspresyonunda yoğun artışların görülmesinin nedenini meyve dokularının büyüme ve gelişeme dönemlerinde olması ve bu işlevlerle ilişkili genlerin aktif olarak biyolojik ve metabolik görevlerde yer alması ile açıklanabilir. Nitekim büyüme, gelişme ve olgunlaşma sürecinde fizyolojik, metabolik anatomik birçok yapının ve reaksiyonun pozitif yönde farklılaştığı bilinmektedir. Dolayısı ile örneklere ait

genlerin ekspresyon düzeyinde görülen artışların temel nedeni yapım, gelişim ve olgunlaşma sürecine dahil olan proseslerle ilişkili olmaları ile açıklanmaktadır.

Hicaznar çatlamamış örnek ve Hicaznar çatlamış örneğe ait gen ontoloji analizleri incelendiğinde biyolojik işlev, hücresel komponent ve moleküler proseslerle ilişkili birçok genin ekspresyonunda ciddi düşüşlerin olduğu görülmüştür. Biyolojik işlevle ilgili metabolik proses, hücresel proses ve biyolojik regülasyonlara dahil birçok genin ekspresyonunda düşüşlerin olduğu görülmüştür. Yine hücresel işlev ile ilgili membran, membran kısımları, hücre ve hücre kısımları ile ilgili proseslere dahil olan çok sayıda genin ekspresyon düzeyinde azalışların olduğu görülmüştür. Moleküler fonksiyonla ilişkili katalitik aktivite ve DNA bağlanma elementi proseslerine dahil olan gen sayılarının birbirine yakın olduğu, gen ekspresyon değişimi bakımından benzer bir profil oluşturdukları görülmüştür. Hicaznar çatlamamış ve Hicaznar çatlamış örnekler arasında görülen farklılıkların temelinin olgunlaşma ve meyve çatlama sürecinde dokuda görülen metabolik ve katabolik aktivite yoğunluğu ile açıklanabilir.

Biyolojik aktiviteyle ilişkili metabolik ve biyolojik regülasyonlara dahil genlerin ekspresyon düzeyinde görülen düşüşler, bu proseslerin işleyişlerinde sorunların yaşandığını göstermektedir. Hücresel komponentlerle ilişkili prosesler incelendiğinde, membran, membran kısımları, hücre ve hücre kısımları ile ilişkili genlerin ekspresyon düzeyinde düşüşlerin olduğu görülmüştür. Bu genlere ait ekspresyon düzeyinde yaşanan düşüşler görev aldıkları fonksiyonların ve işlevlerin yetersiz kalmasına veya bozulmasına yol açmış olabilir hatta organ, hücre ve membran gibi yapıların degrede olmasına yol açmış olabilir. Biyolojik, hücresel ve moleküler proseslerle ilişkili genlerin ekspresyonunda yaşanan düşüşler, ilgili fonksiyonların aktif ve sağlıklı olarak yerine yetirilememesine ve fizyolojik bir sorun olan meyve çatlamasının görülmesine neden olabilir.

İzmir 15 çeşidinde, kütüphanelere ait GO analizi incelendiğinde, İ-15_3 ve İ-15_4 örneğe ait GO sonuçları ile H_3 ve H_4 örneklerine ait verilerin yakınlık gösterdiği göstermektedir. Fakat İ-15_ 3 ve İ-15_ 5 ile İ-15_4 ve İ-15_5

örneklerine ait GO analizleri Hicaznar çeşidine ait örneklerden farklılık göstermektedir.

İzmir 15_3 ve İzmir 15_5 örneklerine ait analizlerde biyolojik aktivite, hücresel komponent ve moleküler prosesle ilişkili tüm genlerin ekspresyon düzeyinde önemli derecede düşüşlerin olduğu görülmektedir. Proseslere ait gen sayılarının da yine çok yüksek olduğu ve ekspresyon düzeyi düşen gen sayılarının ekspresyonu artan gen sayılarından oldukça yüksek olduğu görülmektedir. Benzer gen ekspresyon profili, İzmr-15 çatlamamış örnek ve İzmir-15 çatlamış örnek arasında da görülmektedir. Yine bu kütüphanelerde biyolojik, hücresel ve moleküler işlevlere dahil olan proseslerin gen ekspresyon düzeyinde önemli düşüşlerin olduğu tespit edilmiştir.

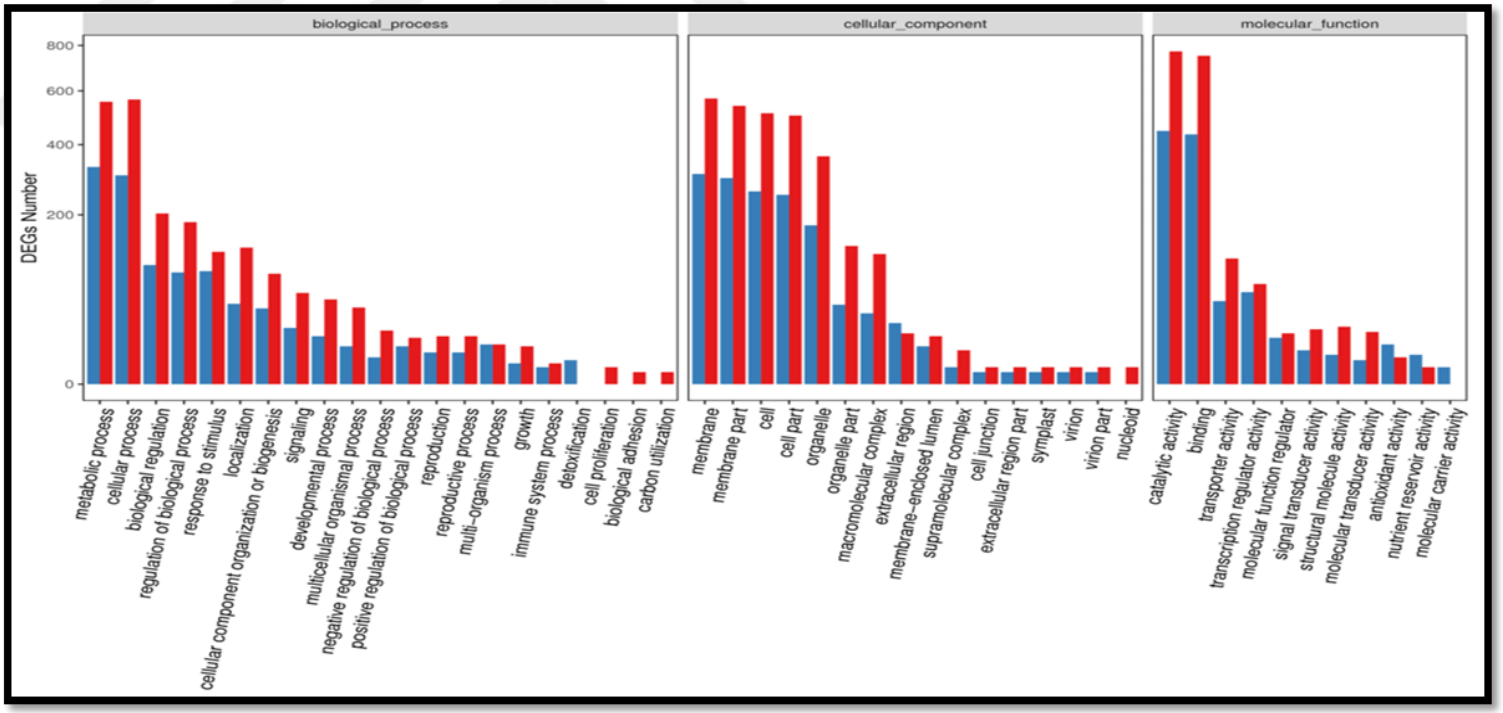
İzmir 15 çeşidine ait örnekler arasında farklılıkların görülmesi biyolojik aktivite ve biyolojik regülasyonlarla ilişkilendirilmektedir. Fakat İzmir 15 çeşidinde görülen gen ekspresyon düzeyindeki düşüşlerinin Hicaznar çeşidine oranla daha yüksek olması, yine ekspresyonu düşen gen sayılarının Hicaznar çeşitlerine kıyasla çok daha yüksek olmasının nedeni çeşide özgü yetersiz oluşturulan biyolojik, metabolik, hücresel ve moleküler cevaplar oluşturmaktadır. Daha önce de ifade edildiği gibi bir gende meydana gelen gen ekspresyon düşüşleri, genin sahip olduğu fonksiyonun aktivitesinde düşüşlere neden olmakta veya ilgili fonksiyonun aktivitesinde durmalara yol açmaktadır. İzmir 15 çeşidinde ekspresyonu düşen gen sayının fazla olması, bu genlerin dahil olduğu birçok işlevin aksamasına veya durmasına yol açmış ve bitkinin oluşturması gereken regülatif cevapların veya sinyal iletinin yetersiz kalmasına neden olmuş olabilir. Bu nedenledir ki İzmir 15 çeşidinde meyve çatlama hassasiyetinin mevcut olduğu veya meyve çatlamasına karşı direncinin yetersiz olduğu söylenebilir.

Çalışmamızda Gen ontoloji analiziyle elde edilen veriler ile farklı seviyede eksprese olan genlerin analizi sonucunda elde edilen verilerin birbiri ile örtüştüğü görülmektedir. Her iki analizinde İzmir 15 çeşidine ait hassasiyeti moleküler düzeyde desteklediği düşünülmektedir.

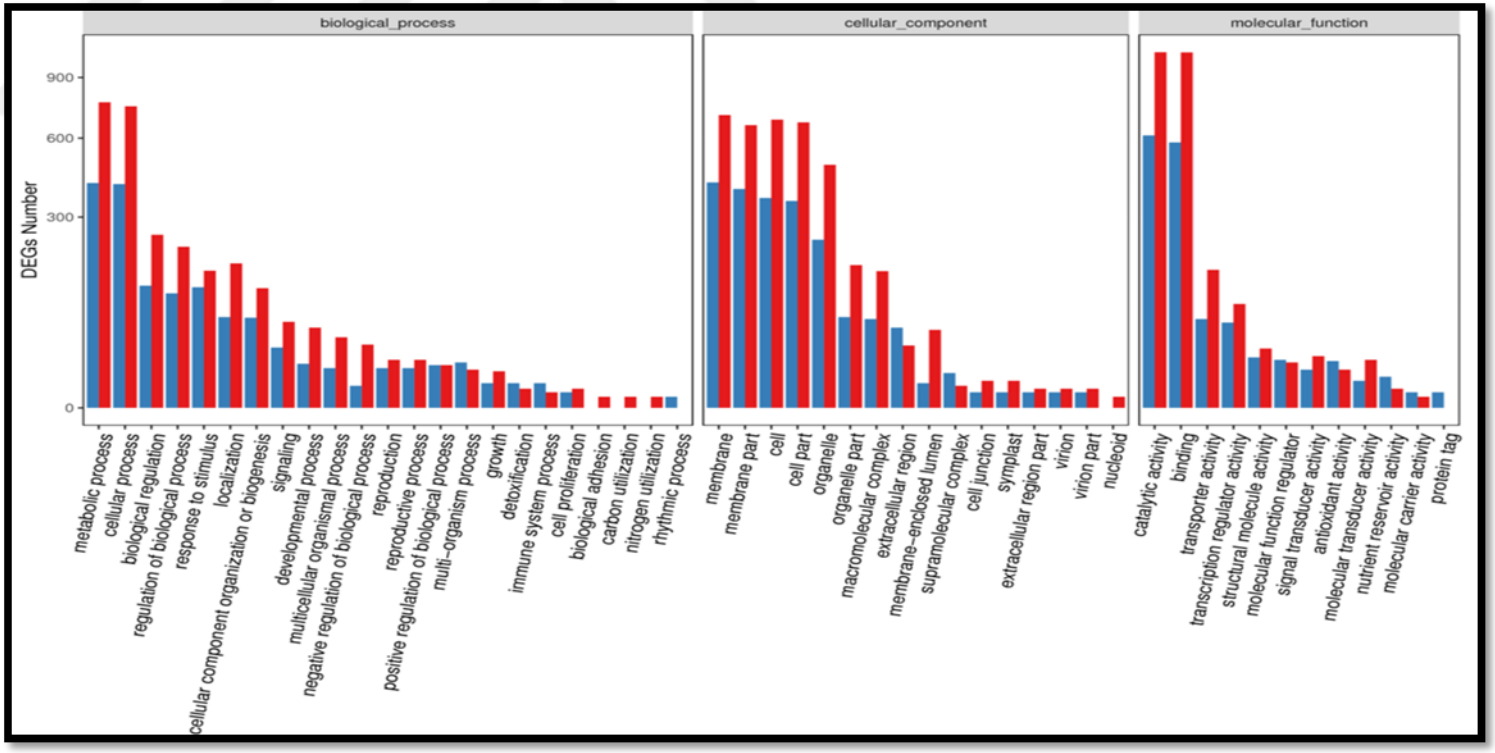
Beeker ve ark (2017), yaptıkları çalışmada fotosistem reseptörlerini aydınlatmak, gen yapısını tanımlamak ve sinyal iletimini araştırmak için RNA-Seq analizi yapmışlardır. Çalışmada hastalıklara karşı hassas ve dayanıklı bitkiler kullanarak genotiplerin verdikleri yanıtları karşılaştırılmıştır. Analiz sonucunda fotosistem reseptörlerini tanımlayan genlerin sinyal iletimlerinin ve gen ekspresyon düzeyinin hassas olan genotiplere kıyasla dayanıklı genotiplerde daha yüksek olduğu bildirilmiştir.

Bacete ve ark (2018), çeşitli biyotik ve abiyotik koşullara karşı bitkilerin hassas olduğunu ve bu olumsuz koşullardan etkilenmemek için birtakım modifikasyonlar ve moleküler yanıtlar oluşturduklarını ifade etmişlerdir. Bitkide oluşturulacak savunma mekanizmalarının uyarılması için sinyal iletinin önemini vurgulamışlarıdır. Gen ekspresyon düzeyinde meydana gelen artışların, moleküler ve fizyolojik yanıtların oluşumunda güçlü bir uyarıcı oluşturulacağını ve savunma sisteminin daha aktif rol alacağını vurgulamışlardır. Yine aynı çalışmada, hücre duvarı modifikasyonlarının bitkide dayanıklılık yanıtlarının oluşmasında çok önemli rol oynadığını ifade etmişlerdir.

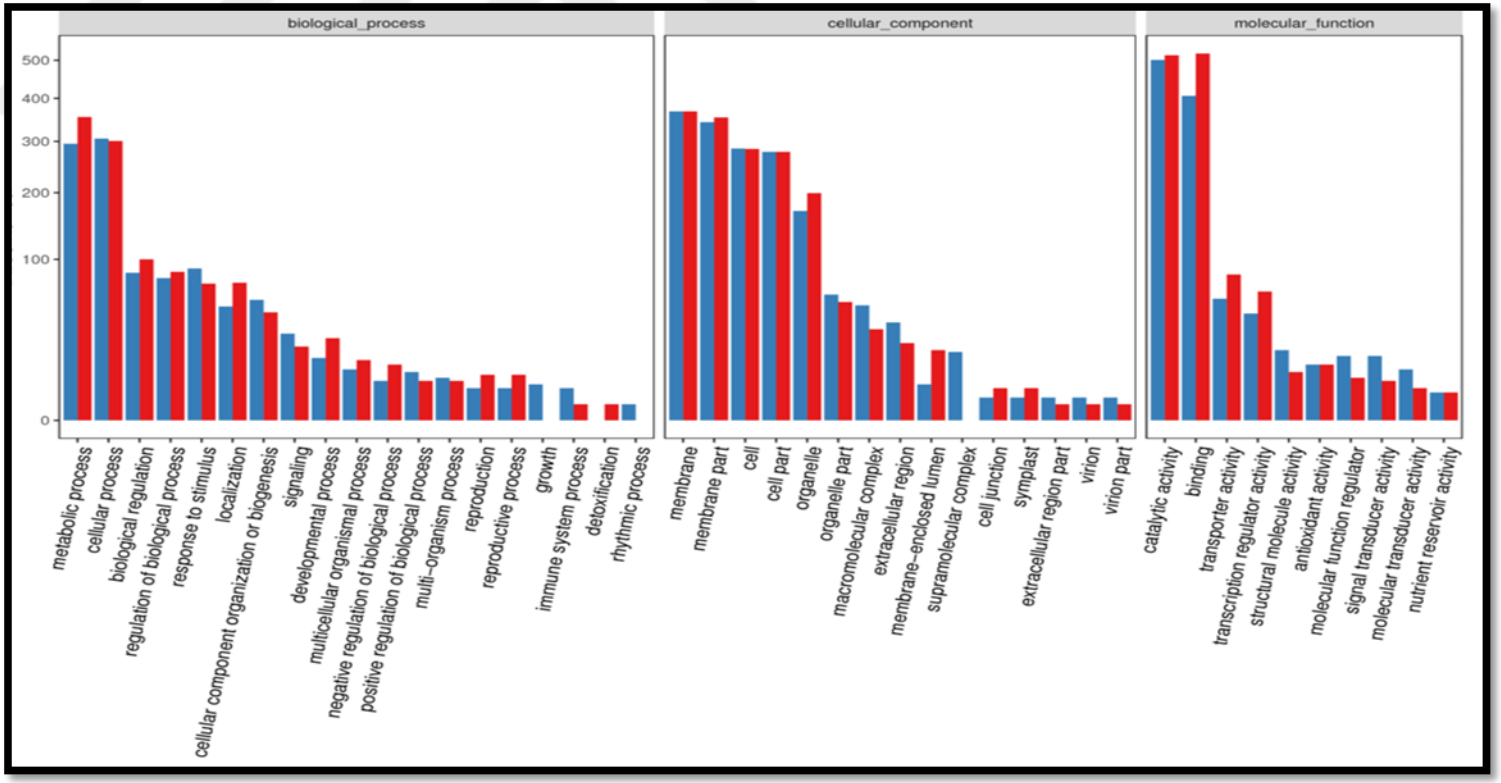
Pourghayoumi ve ark (2017), kuraklık stresinin narda antioksidan kapasitesine olan etkilerini araştırdıkları çalışmada, farklı nar çeşidi kullanmışlardır. Kuraklık stresi sonrasında çeşitlere ait lipit içeriği, pigment içeriği ölçülmüş, antioksidan enzim aktivitesi belirlenmiş ve kuraklık ile ilişkili genlerin ekspresyon düzeyi analiz edilmiştir. Çalıma sonucunda, kuraklığa hassas olan çeşitte dayanıklı çeşide kıyasla lipit ve pigment miktarında önemli düşüşlerin olduğu, antioksidan kapasite bakımından en düşük kapasiteye sahip olduğu belirlenmiştir. Yine kuraklık stresinin hassas olan çeşitte enzim aktivitesini düşürdüğü bildirilmiştir. Yapılan gen ekspresyon analizinde ise ekspresyonu belirlenen genlerin ekspresyon düzeyinin hassas olan çeşitte çok düşük olduğu hatta bazı genlerin hiç eksprese olması rapor edilmiştir.



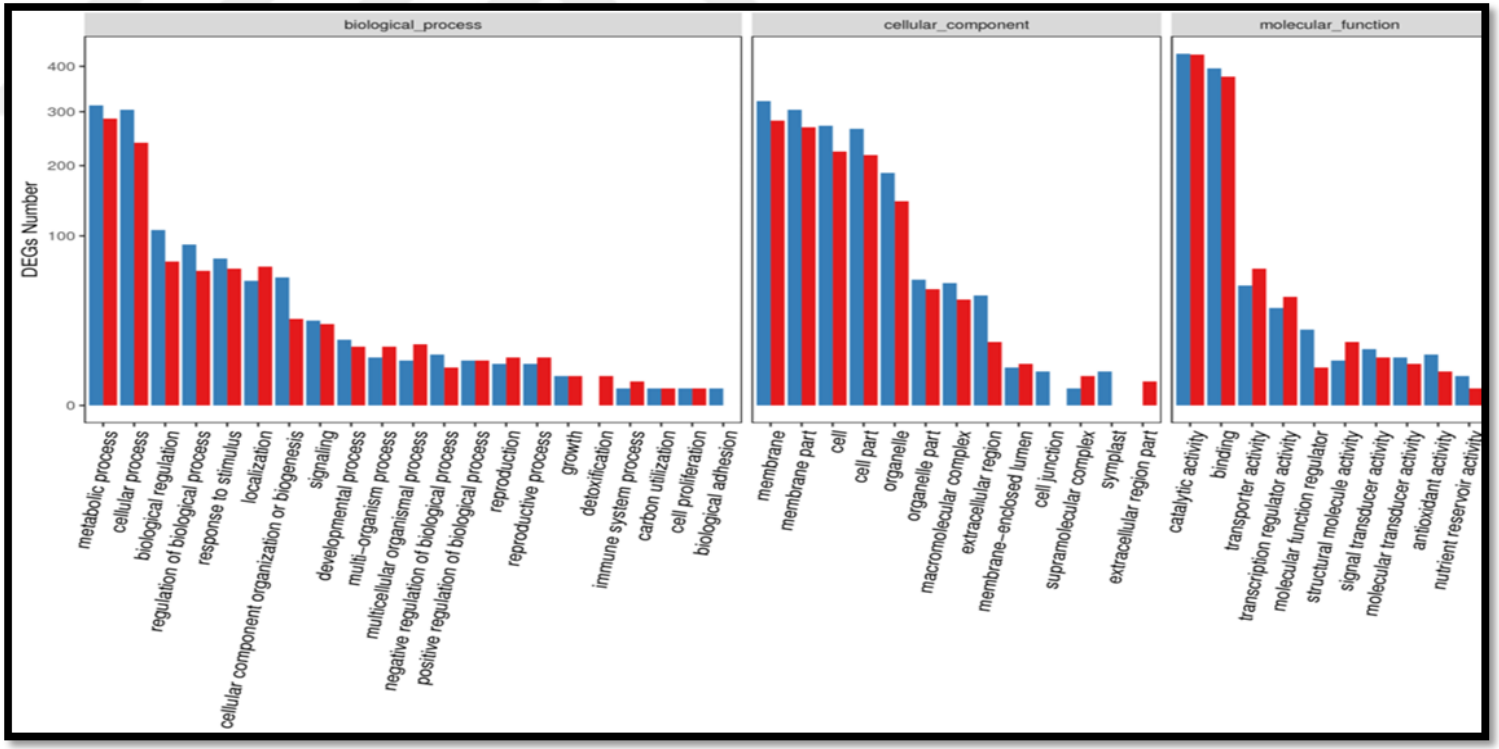
Şekil 4.12. Hicaz olgunlaşmamış meyve (H_3) ve Hicaz çatlamamış meyve (H_4) dokularına ait gen ontoloji analiz grafiği



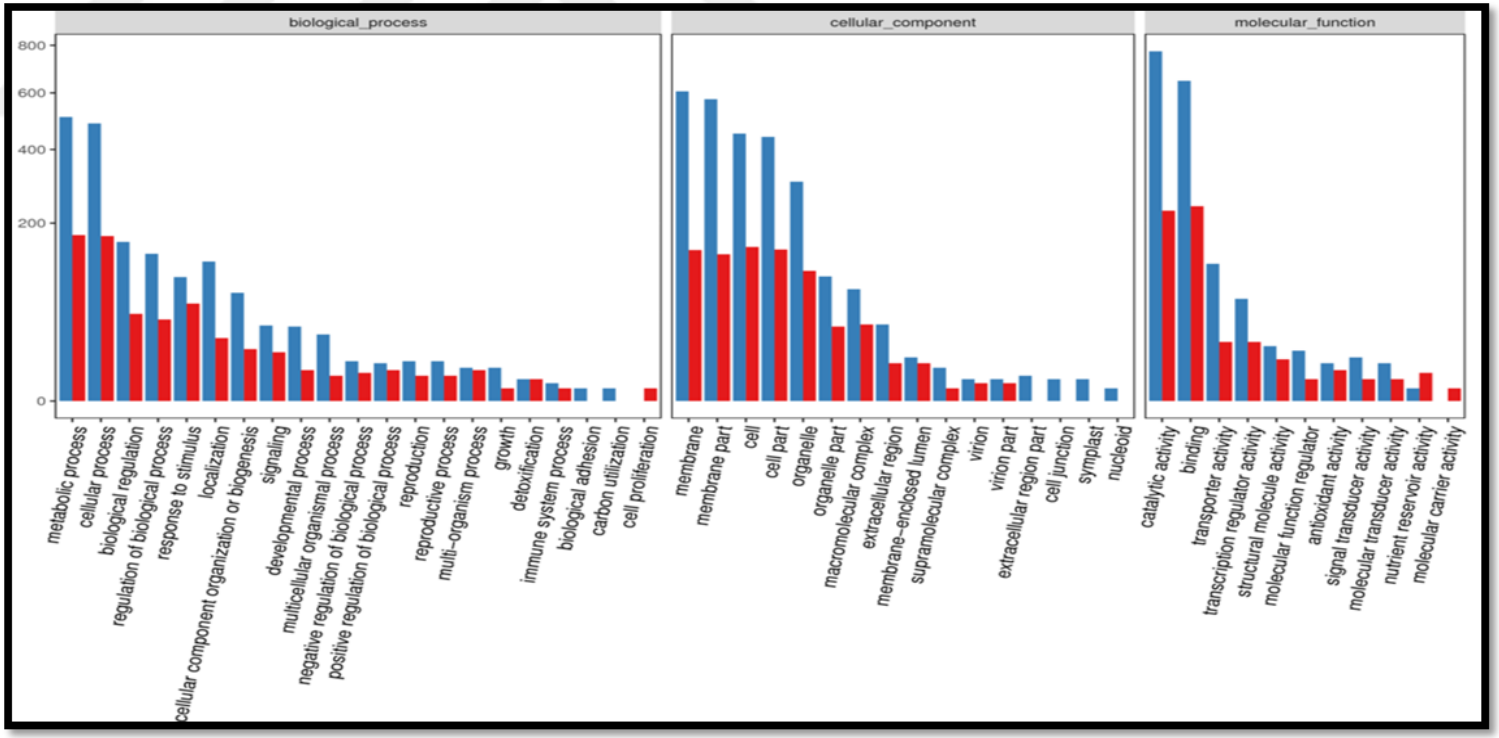
Şekil 4.13. Hicaz olgunlaşmamış meyve (H_3) ve Hicaz çatlamış meyve (H_5) dokularına ait gen ontoloji analiz grafiği



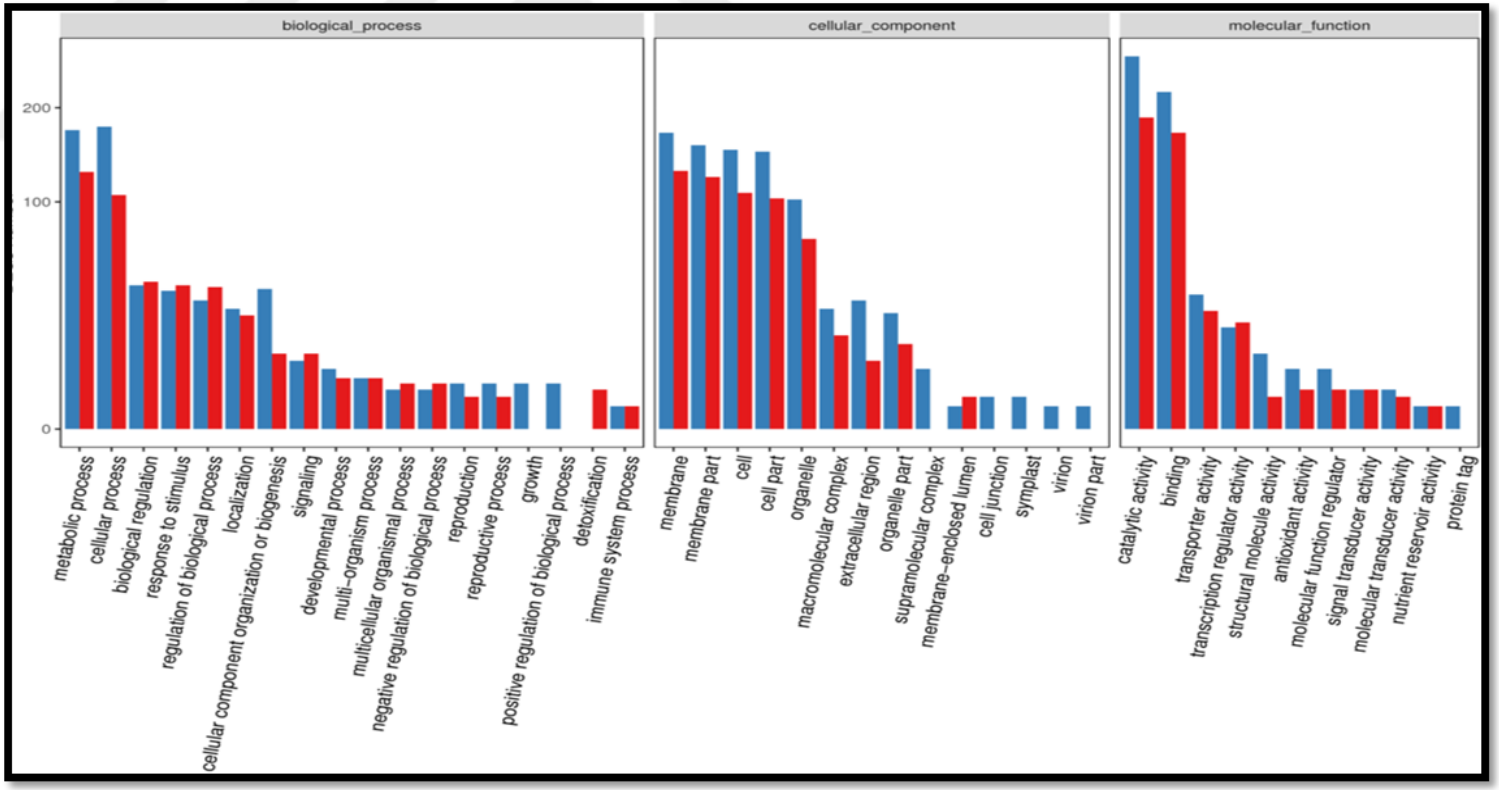
Şekil 4.14. Hicaz çatlamamış meyve (H_4) ve Hicaz çatlamış meyve (H_5) dokularına ait gen ontoloji analiz grafiği



Şekil 4.15. İzmir 15 olgunlaşmamış meyve (İ-15_3) ve İzmir 15 çatlamamış meyve (İ-15_4) dokularına ait gen ontoloji analiz grafiği



Şekil 4.16. İzmir 15 olgunlaşmamış meyve (İ-15_3) ve İzmir 15 çatlamış meyve (İ-15_5) dokularına ait gen ontoloji analiz grafiği

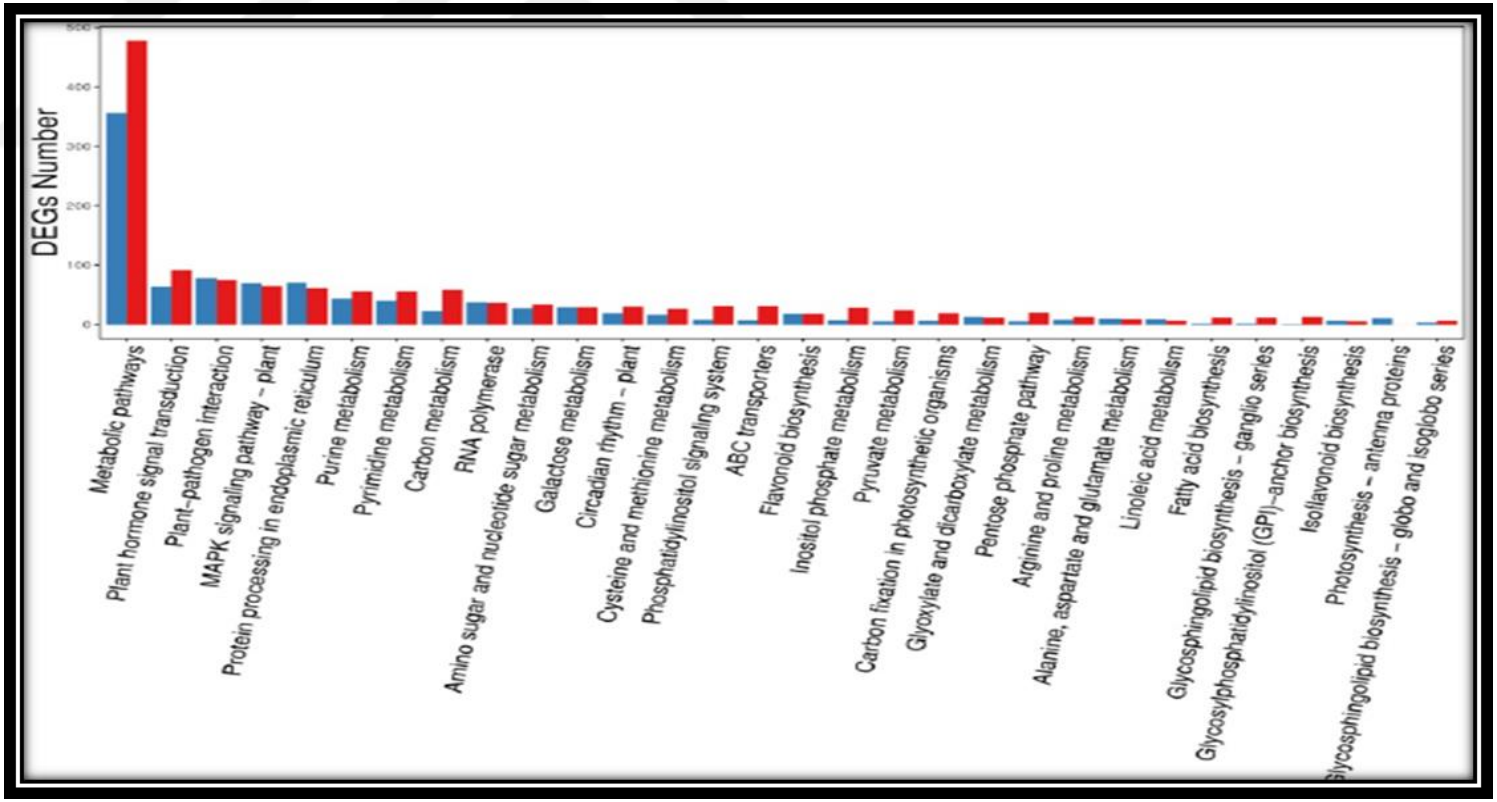


Şekil 4.17. İzmir 15 çatlamamış meyve (İ-15_4) ve İzmir 15 çatlamış meyve (İ-15_5) dokularına ait gen ontoloji analiz grafiği

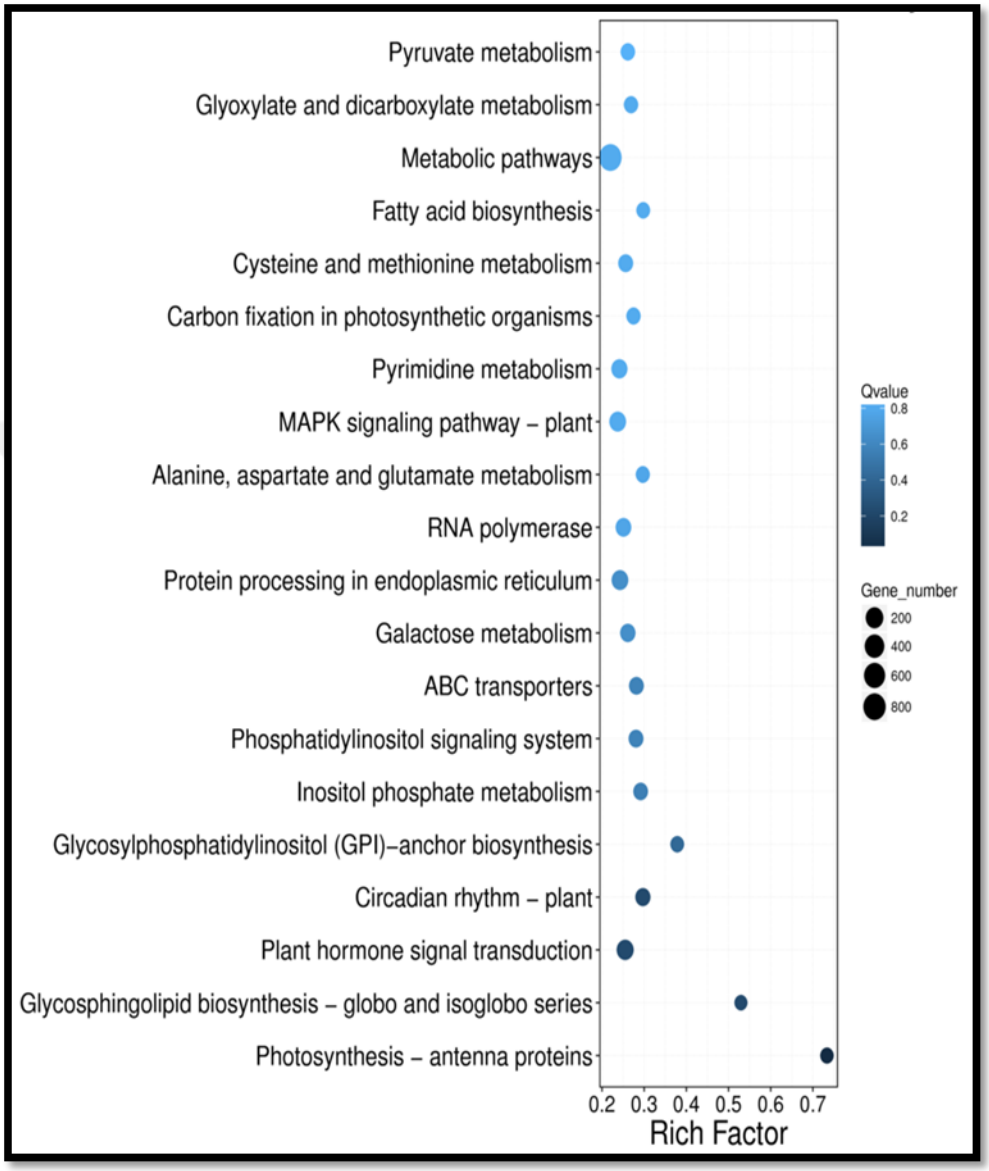
4.1.7. Yolak Analizleri (KEGG Analizi)

Kütüphanelere ait ekspresyon düzeyi değişen genlerin hangi metabolik yolaklarda yer aldığını ve hangi işlevsel süreçlere dahil olduklarını belirlemek amacıyla yolak (*KEGG*) analizleri yapılmıştır. Örnekler arasında farklı seviyelerde ifade olan genlere ait yolak analizleri *KEGG* (Kyoto Encyclopedia of Genes and Genomes) veri bankası kullanılarak tespit edilmiştir. *KEGG* analizleri ile genlerin biyolojik fonksiyonların hangi yolaklarla ilişkili olduğu daha detaylı olarak analiz edilmiştir.

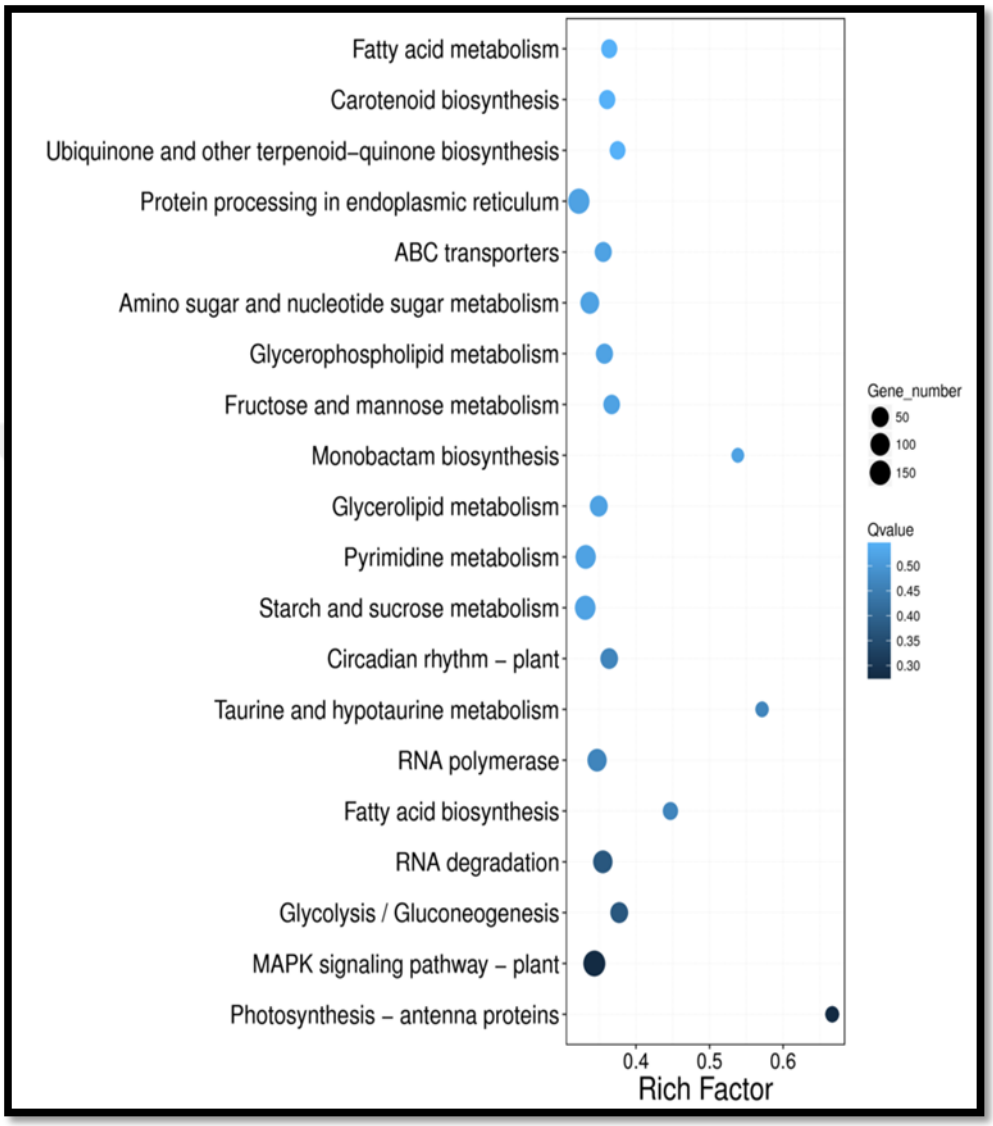
KEGG analizleri sonucunda, 18416 genin yaklaşık 150 metabolik yolakla ilişkili olduğu tespit edilmiştir. Kütüphaneler arasında farklılık göstermekle birlikte özellikle Metabolik yolak, Flavonoid biyosentez yolağı, *MAPK* sinyal yolağı, Galaktoz metabolizması, Nişasta ve sükroz metabolizması, Hormon sinyal metabolizması, Protein proses metabolizması, RNA degredasyon metabolizması, Nükleotid şeker metabolizması, Sekonder metabolit biyosentez metabolizması, RNA transport metabolizması Fenilpropanoid biyosentez metabolizması ile ilişkili yolakların ve bu yolaklara dahil genlerin ekspresyon düzeyinde farklılıklar belirlenmiştir (Şekil 4.19 – 4.24). Analiz sonucunda İzmir- 15 ve Hicaznar çeşitlerine ait kütüphanelerde up veya down regüle olan genlerin hangi metabolik yolaklarla ilişkili olduğu, Şekil 4.18'de verilmiştir



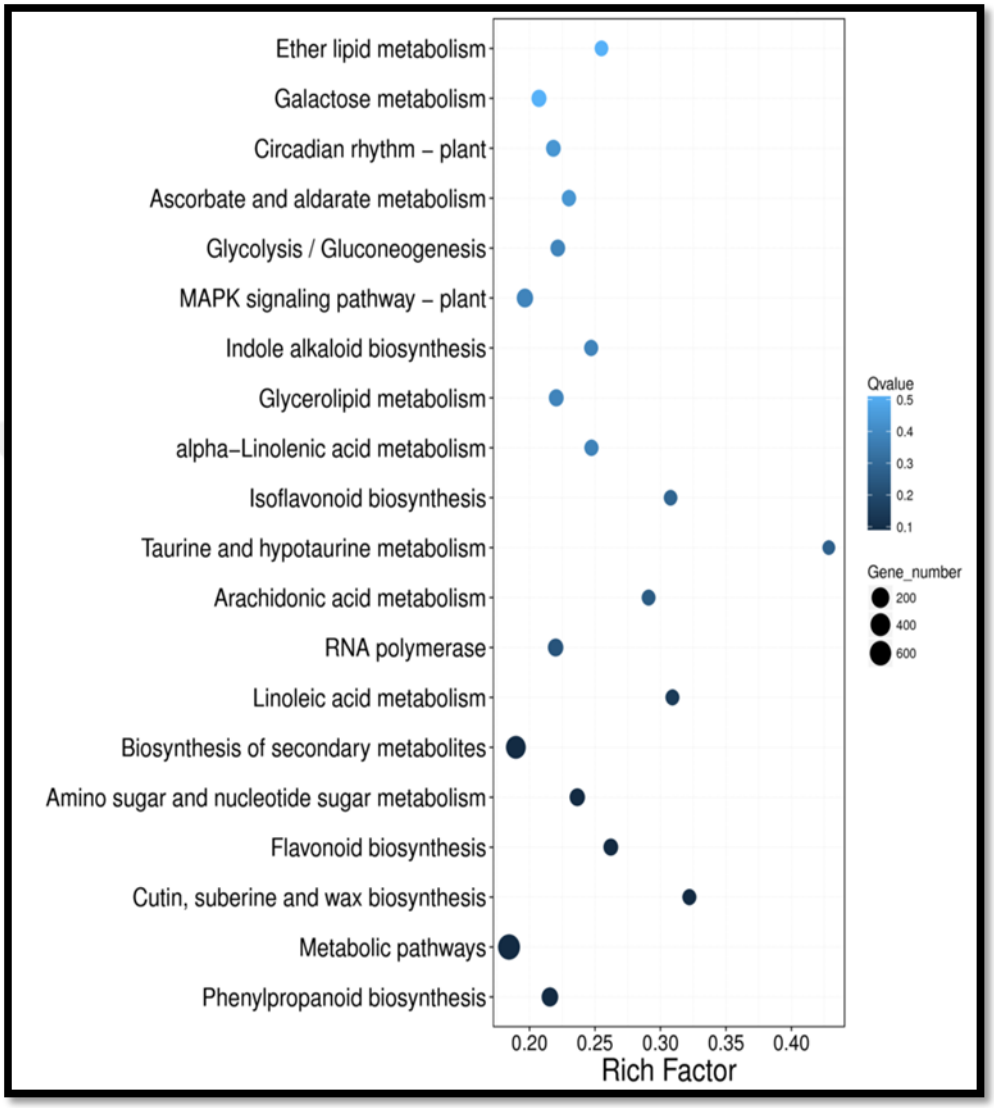
Şekil 4.18. Ekspresyon düzeyleri farklı olan gen sayıları ve ilişkili oldukları yolaklara ait grafik



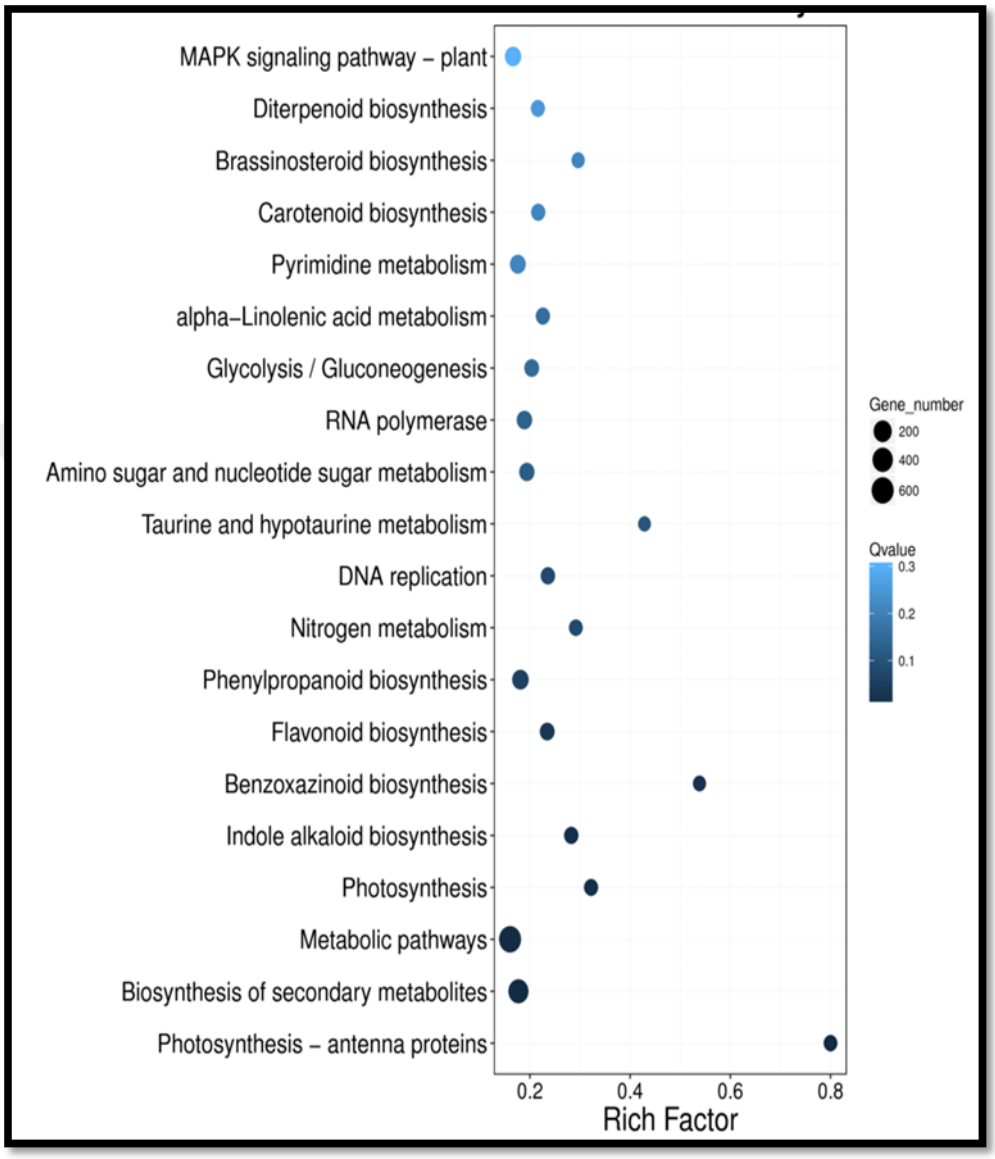
Şekil 4.19. Hicaz olgunlaşmamış meyve (İ-15_3) ve Hicaz çatlamamış meyve (H_4) dokularına ait KEGG analiz grafiği



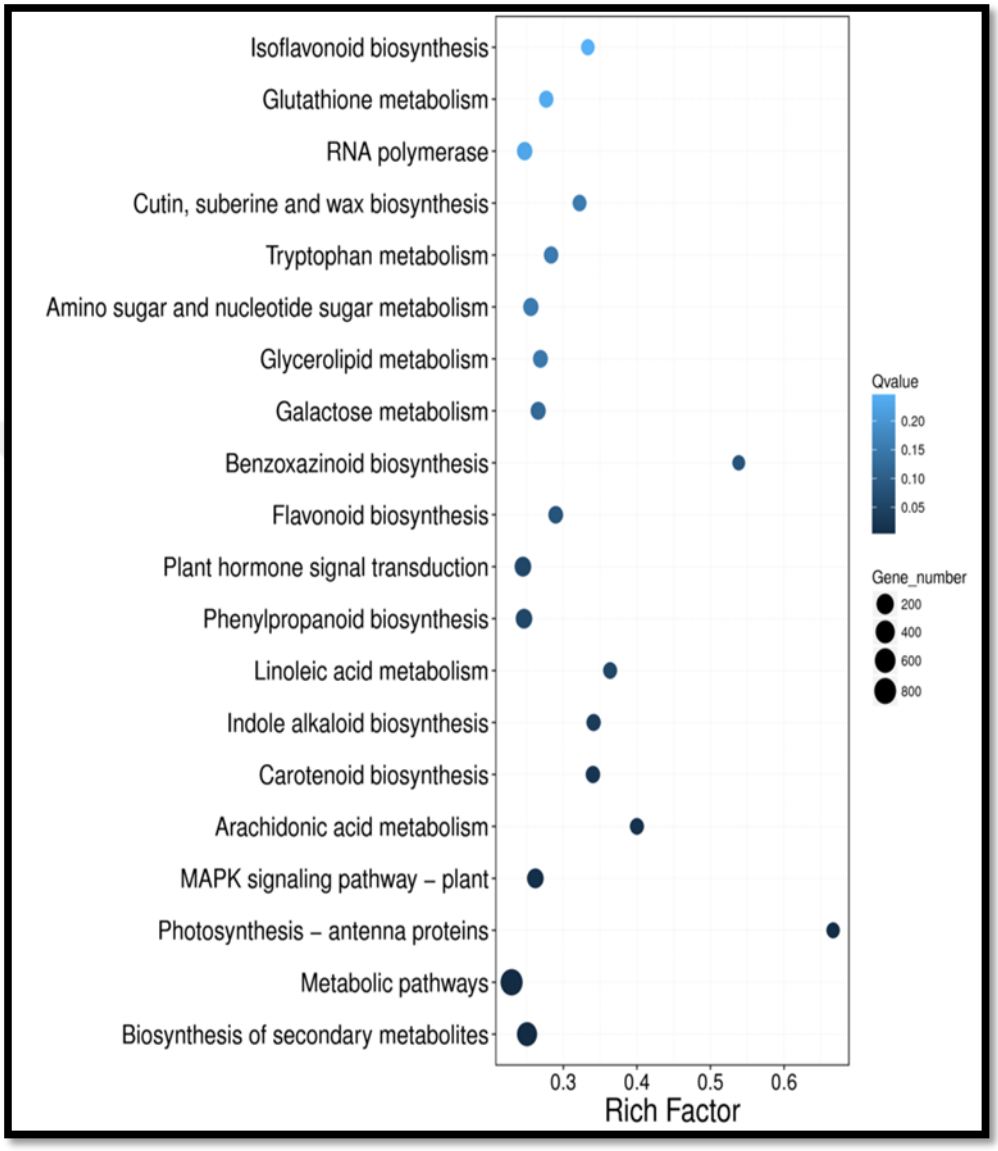
Şekil 4.20. Hicaz olgunlaşmamış meyve (H_3) ve Hicaz çatlamış meyve (H_5) dokularına ait KEGG analiz grafiği



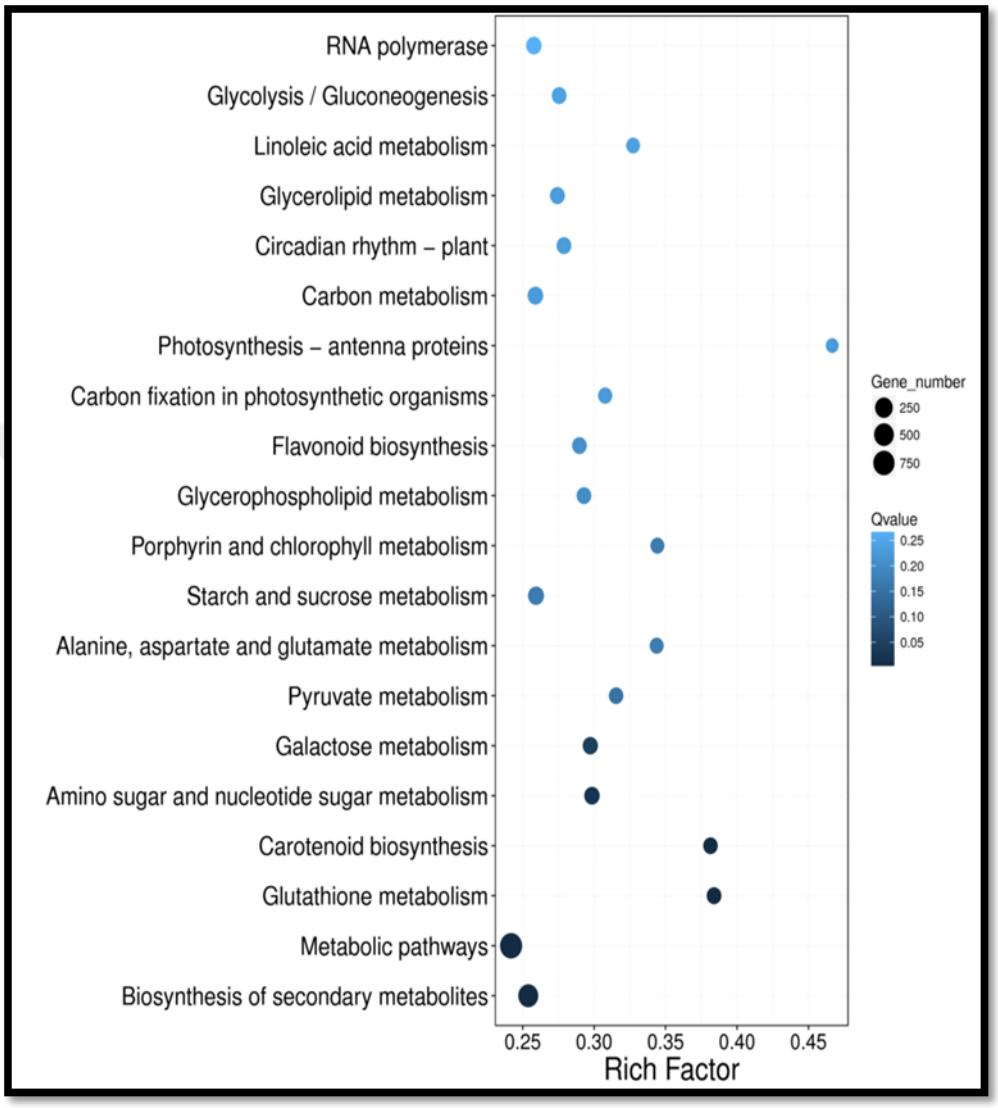
Şekil 4.21. Hicaz çatlamamış meyve (H_4) ve Hicaz çatlamış meyve (H_5) dokularına ait gen KEGG analiz grafiği



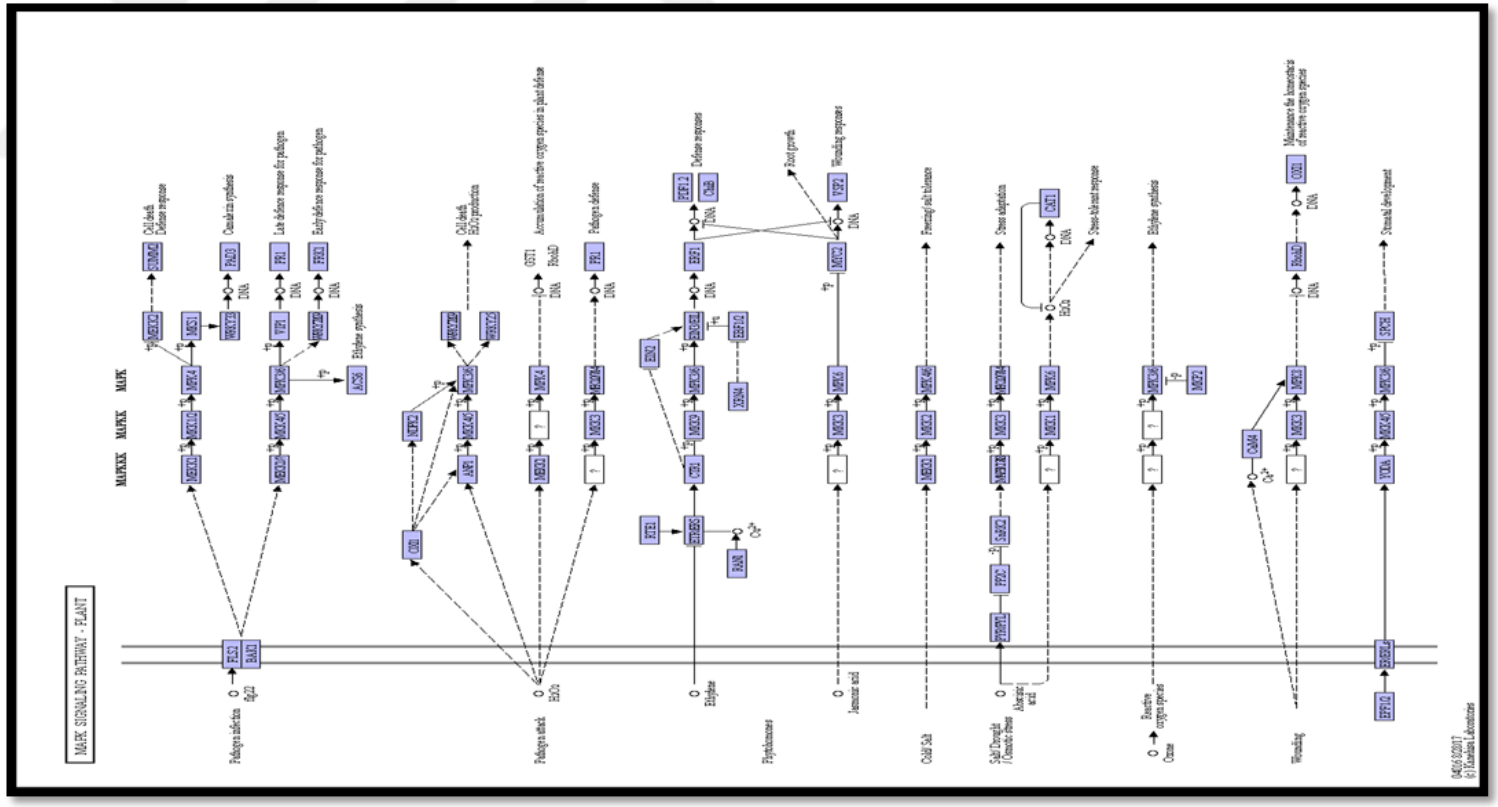
Şekil 4.22. İzmir 15 olgunlaşmamış meyve (İ-15_3) ve İzmir 15 çatlamamış meyve (İ-15_4) dokularına ait KEGG analiz grafiği



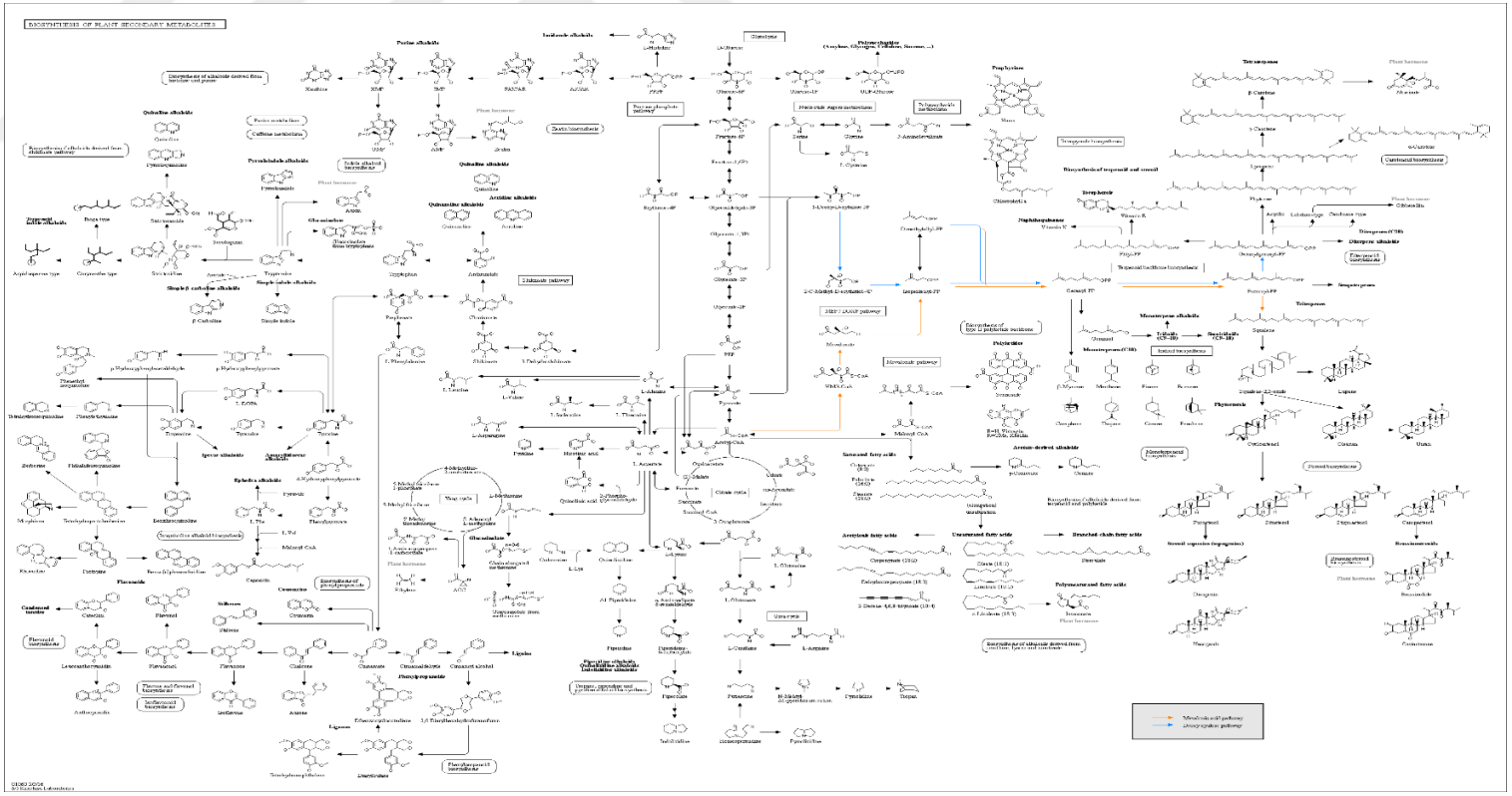
Şekil 4.23. İzmir 15 olgunlaşmamış meyve (İ-15_3) ve İzmir 15 çatlamış meyve (İ-15_5) dokularına ait KEGG analiz grafiği



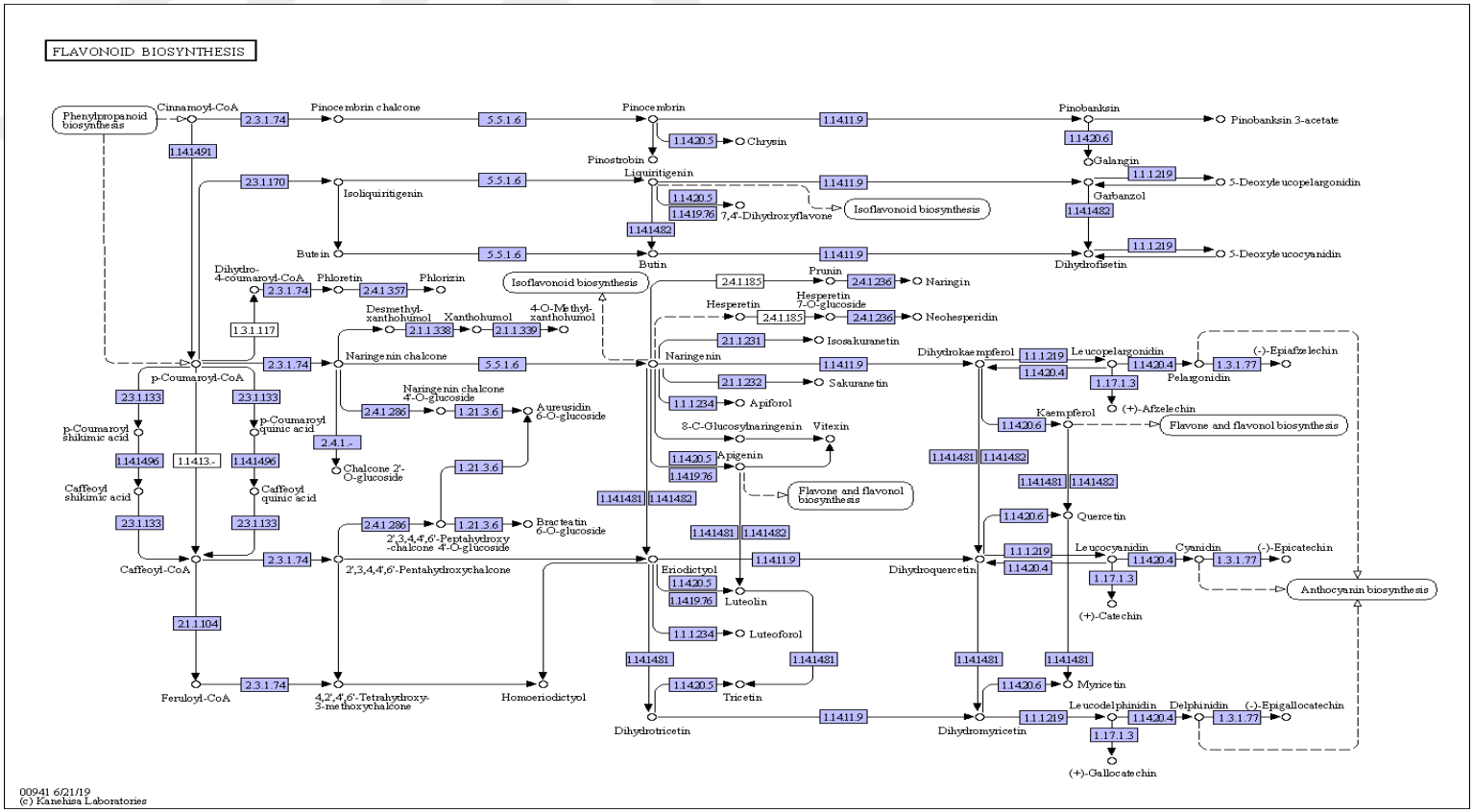
Şekil 4.24. İzmir 15 çatlamamış meyve (İ-15_4) ve İzmir 15 çatlamış meyve (İ-15_5) dokularına ait KEGG analiz grafiği



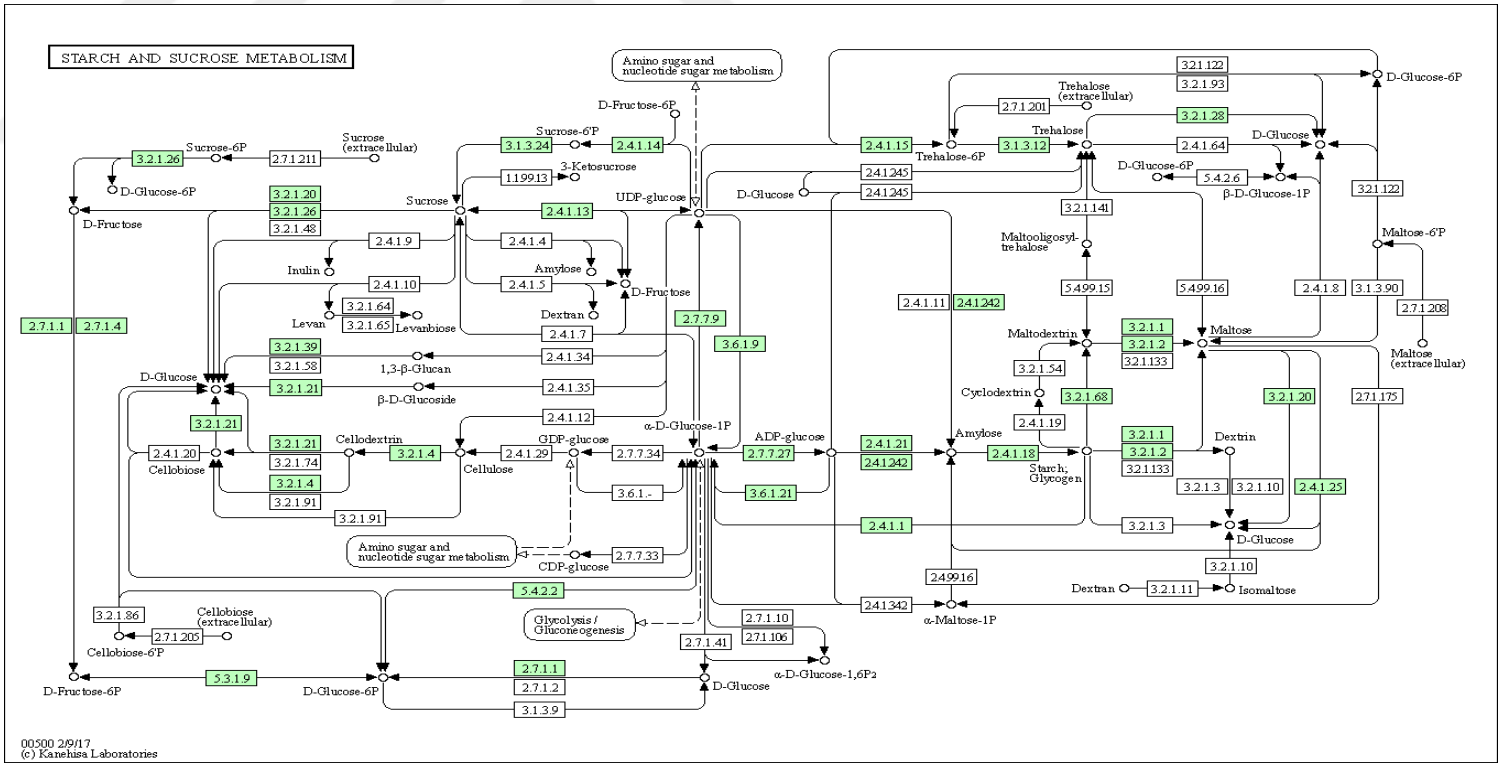
Şekil 4.25. MAPK Sinyal İletim Mekanizmasına Ait Yolak



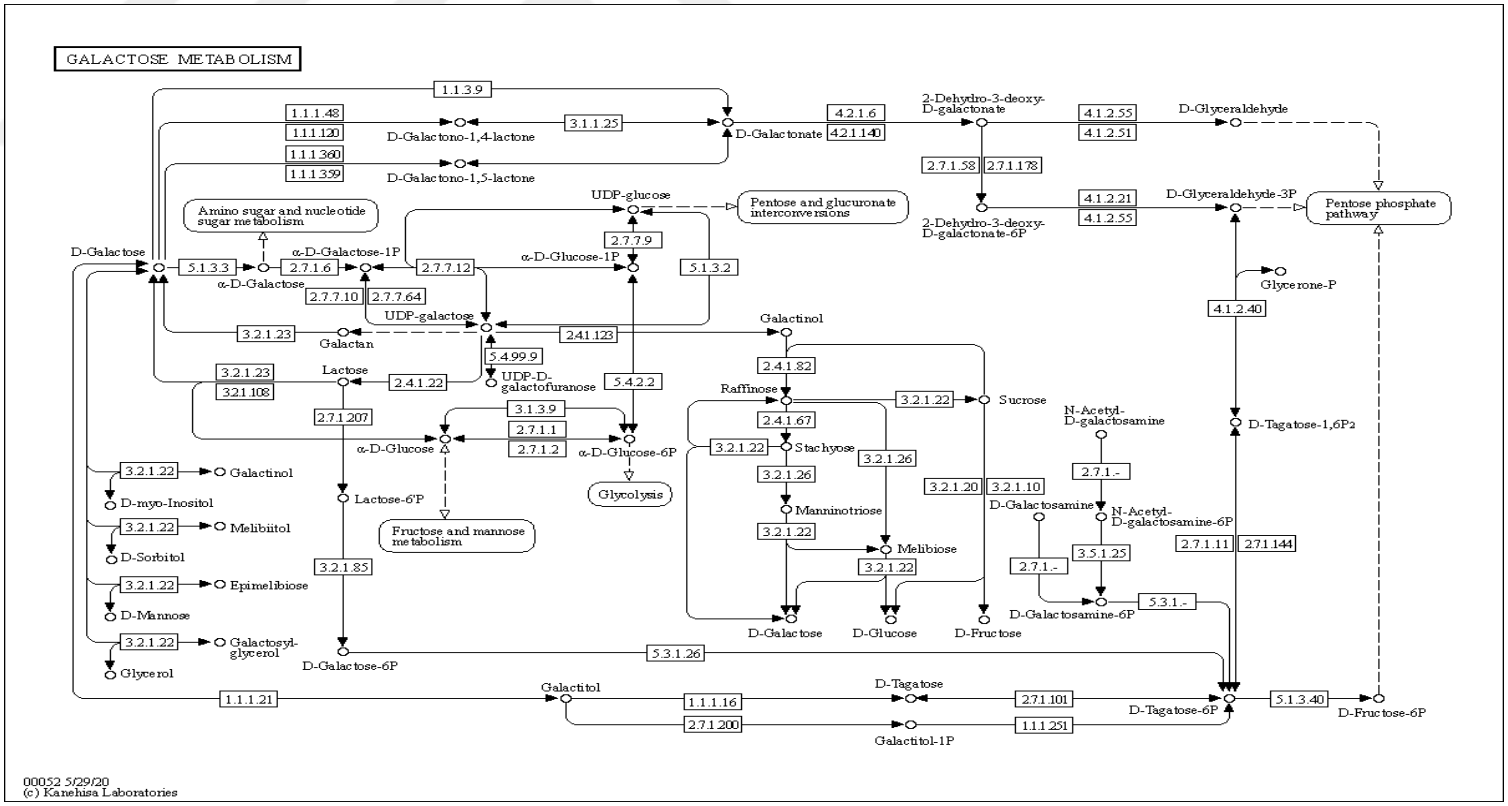
Şekil 4.26. Sekonder Metabolit Biyosentez Yolağı



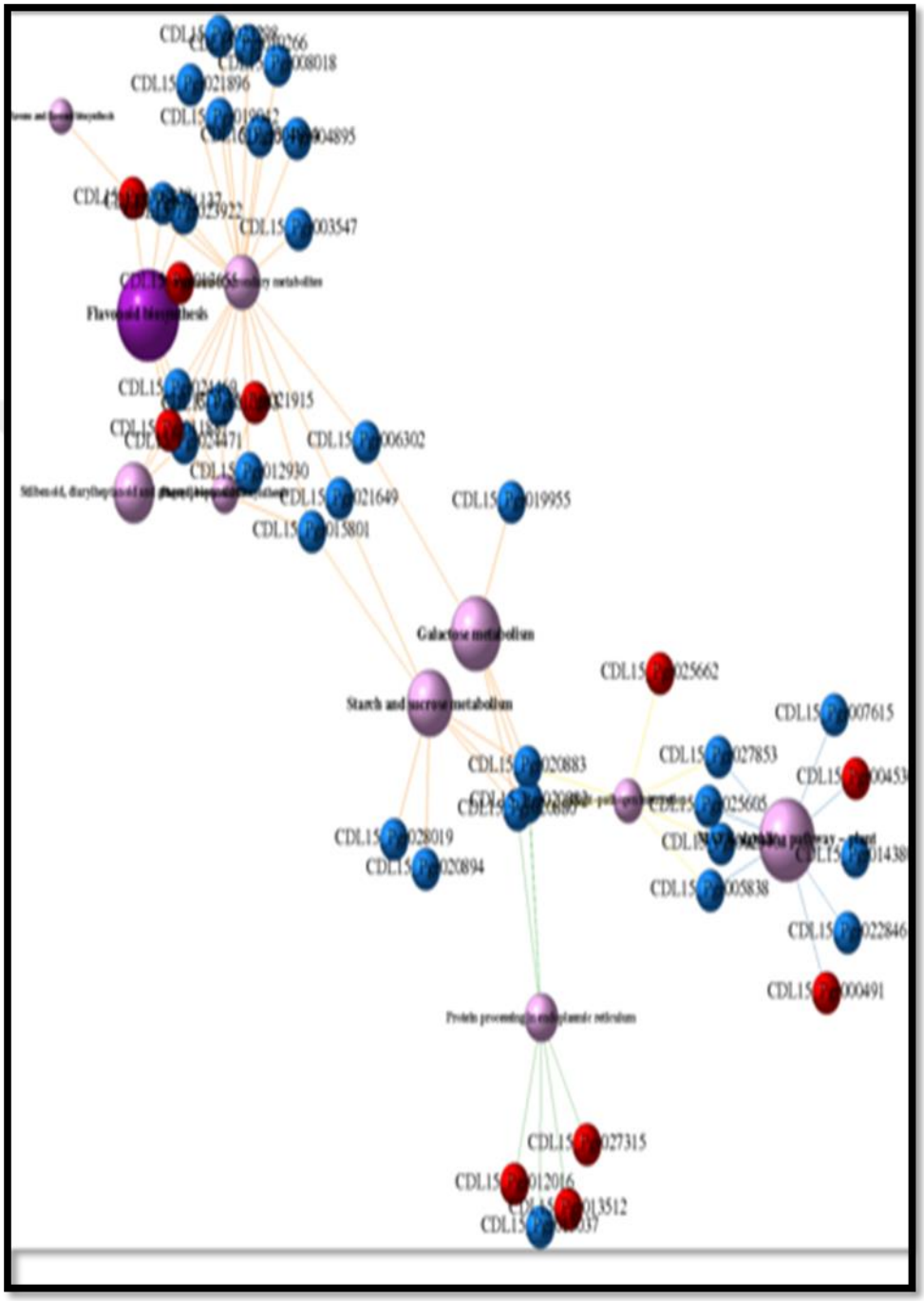
Şekil 4.27. Flavonoid Biyosentez Yolağı



Şekil 4.28. Nişasta ve Şeker Metabolik Yolağı



Şekil 4.29. Galaktoz Metabolizması Yolağı



Şekil 4.30. Metabolik yolağa ait farklı ekspresyon düzeylerine sahip genlerin network ağ görüntüsü

KEGG analizleri sonucunda elde edilen veriler incelendiğinde, tüm örneklerde özellikle metabolik yolak ve metabolik yolağa dahil olan gen sayıları dikkat çekmektedir. Bir diğer önemli bulunan yolak ise MAPK sinyal iletim yolağıdır. RNA polimeraz ve hormon sinyal iletim sistemi de önemli olan ve tüm örneklerde dikkat çeken yolaklardır. Çeşitlere ait kütüphaneler kıyaslandığında, H_3 ile H_4 örnekleri arasında metabolik yolak, hormon sinyal transportu ve protein prosesi ve endoplazmik retikulum yolağı, fosforilasyon sinyal yolağı dikkat çekmektedir. H_3 ve _5 örnekleri arasında protein prosesi ve endoplazmik retikülüm ile MAPK en dikkat çeken yolak olarak belirlenmiştir. Amino şeker ve nükleotit şeker metabolizması, Gilikofosfolipit metabolizması, Primidin metabolizması, RNA polimeraz ve RNA degredasyon metabolizması da önemli olarak belirlenen yolaklardır. H_4 ve H_5 arasında metabolik yolak, sekonder metabolit biyosentez yolağı, amino şeker ve nükleotit şeker biyosentez yolağı, kütin, süberin ve mum biyosentez yolağı, önemli bulunan yolaklardır.

İzmir 15 çeşidine ait kütüphaneler incelendiğinde, metabolik yolak, MAPK sinyal yolağı önemli olarak bulanan ve tüm örneklerde ortak olarak öne çıkan yolaklardır. İ-15_3 ile İ-15_4 arasında metabolik yolak ve sekonder metabolit yolağı, fenilpropanoid yolağı, fotosentez yolağı nitrojen yolağı ve MAPK sinyal yolağı önemli bulunan yolaklardır. İ-15_4 ve İ-15_5 arasında yine benzer yolaklar önemli bulunurken diğer örneklerden farklı olarak karetenoid biyosentez yolağı, glutatyon biyosentez yolağı ve İndol alkoloid biyosentez yolağı farklılık gösteren yolaklar olarak belirlenmiştir.

Metabolik yolaklar bitkide yalnızca gelişim ve büyüme ile ilişkili olmayıp, adaptasyon, biyoaktif bileşenlerin üretimi, hücresel çoğalma, hücresel işlevlerin durdurulması, ekolojik şartlara adaptasyon, polinasyon ve tohum gelişimi ve üretimi, biyotik ve abiyotik stres dayanıklılığı, biyosentez mekanizmaları dahil birçok fonksiyonla ilişkili yolakları ve bu yolaklara dahil genleri barındıran önemli temel yolaklardır. Metabolik yolaklar ve bu yolaklara dahil olan genlerin ekspresyon düzeyinde görülen değişimler genellikle metabolik yolaklara dahil olan

gen ailelerine ve bu gen ailelerinin oranlarına bağlı olarak değişmektedir. Bu durum ise foksiyonel farklılıkların oluşmasına ve bitkide meydana gelen fonksiyonel yanıtların farklılaşmasına yol açmaktadır. Metabolik yolaklar çoğunlukla regülatif network ağlarını içerirler (Wisecaver ve ark, 2017). Bu network ağlarına dahil olan genlerin ekspresyon düzeyi, bitkinin bulunduğu koşul ortam veya faaliyetlerle ilişkili olarak değişmektedir. Gen ekspresyon düzeyinde görülen değişimlerin çoğunlukla bitkinin sahip olduğu genetik farklılık düzeyiyle ilişkili olduğu bildirilmektedir (Li ve ark, 2017; Chakraborty, 2018). KEGG analizleri sonucunda çeşitlere ait örnekler arasında metabolik yolak ve/veya metabolik yolaklarla ilişkili gen aileleri ve bu ailelere dahil olan gen sayıları farklılık göstermektedir. Örnekler arasında görülen farklılıklar, metabolik yolaklara dahil olan gen aileleriyle ve bu gen ailelerine ait gen sayıları ile açıklanabilir. Analiz sonucunda tespit edilen bir diğer farklılık ise metabolik yolakla ilişkili genlerin ekspresyon düzeyindeki değişimlerin çeşitlere göre farklılık göstermesidir. Bu durum çeşitlerin sahip olduğu genetik yapıyla ilişkilendirilmektedir. Nitekim, çeşitlerin genetik farklılıkları gen ekspresyon düzeyinin güçlü veya zayıf olarak değişmesine olanak tanımaktadır.

Flavonoid biyosentezi, çok sayıda değerli sekonder metabolit biyosentezinin gerçekleştirildiği önemli bir yolaktır. Flavonoid biyosentezi ile fungal, mikrobiyal ataklara ve ekolojik koşullara karşı bitkinin savunma sistemine yardımcı olacak birçok metabolit üretilmektedir. Bu nedenle özellikle biyotik ve abiyotik stres koşullarında metabolit biyosentez yolağı ile ilişkili genlerin ekspresyon düzeyinde değişimler görülmektedir (Nabavi ve ark, 2020; Tiwari ve ark, 2017; Yan ve ark, 2020). Tez kapsamında yapılan KEGG analizlerinde, flavonoid biyosentez yolağının önemli bulunması çeşitlerin meyve çatlama problemine karşı oluşturdukları moleküler yanıtların farklılığı ile açıklanabilir. Nitekim gen ekspresyon düzeyinde görülen değişimlerin çeşide bağlı genetik faktörlerden ve bitkinin maruz kaldığı olumsuz koşullardan kaynaklandığı

bilinmektedir. Meyve çatlama problemi bitkide stres mekanizmalarını uyarmış bu durum flavonoid yolağını etkilemiş olabilir.

MAPK sinyal iletim yolağı, büyüme, gelişim ve özellikle ekolojik koşullara karşı bitkide dayanıklılık yanıtlarının oluşturulmasına olanak tanıtan önemli bir sinyal iletim sistemidir. MAPK gen ailesi veya proteinler çok sayıda sinyal iletim yolakları içermektedirler. Ekolojik koşullarla bitki arasında iletişimin sağlandığı ve bitkinin ekolojik koşullara karşı savunma oluşturmasına yardımcı olduğu bildirilmektedir. Özellikle stres koşullarına karşı dayanıklılık yanıtlarının oluşturulmasında önemli fonksiyonlara sahiptir (Krysan ve Colcombet, 2018). Dayanıklılık yanıtlarının oluşturulması için hormonlarla, hormon benzeri regülatörlerle, transkripsiyon faktörleriyle, sekonder metabolitlerle, birçok reseptör proteinlerle, patojen veya mikroorganizmalarla ilişkili proteinlerle etkileşime girerek sinyallerin oluşturulmasını sağlamaktadırlar. Böylelikle bitkide ümmin sistemin uyarılmasına ve bitkinin dayanıklılık mekanizmasının güçlenmesine yardımcı olmaktadır (Hõrak, 2020; Patil & Nandi, 2020).

KEGG analizlerinde MAPK sinyal iletim sisteminin her kütüphanede öne çıkan yolaklardan biri olmasının nedeni, meyve çatlamasına karşı bitkide ümmin sistem yanıtlarının oluşturulması ve meyve çatlama sorununun önlenmesi veya meyve çatlama şiddetinin azaltılmasına yönelik bir adaptasyon olduğu düşünülmektedir. MAPK sinyal iletimi birçok transport ve iyon kanallarını da regüle etmektedir. Ca iyonunun regülasyonu bu regülasyonlardan yalnızca biridir. Narda meyve çatlama oranının azaltılmasına yönelik birçok çalışmada kalsiyum uygulamaları yapılmış ve bu uygulamaların narda meyve çatlama oranını azalttığı bildirilmiştir (Davarpanah ve ark, 2018; Hosein-Beigi ve ark, 2019; Yılmaz ve Özgüven, 2019). Tez kapsamında MAPK sinyal iletini ile ilgili genlerin ekspresyonunda düşüşlerin görülmesi, sinyal iletinin yeterli düzede gerçekleşmemesine ve bitkinin kalsiyum miktarında değişimlere neden olabilir. Dışardan spreyleme ile verilen kalsiyumun bitkide iyon kanallarını pozitif yönde

etkilediği ve bu durumun meyve çatlama oranlarında azalmalara yardımcı olduğu düşülmektedir.

Sekonder metabolit biyosentezi, birçok metabolitin sentezlendiği temel biyosentez mekanizmalarından birisidir. Alkoloid, fenol, flavonoid, terpennoid ve mum, sekonder metabolit biyosentez mekanizmasıyla sentezlenen metabolitlerdir. Fenoller özellikle stres koşullarında sinyal maddeleri olarak görev almaktadırlar. Flavonoidler ise birçok fonksiyonlarının yanında yüksek sıcaklık ve ışıkta epidermal tabakaların korunmasında aktif rol oynamaktadırlar. Terpenler ve mumlar epidermal tabakaların kompozisyonuna katılan, dokuları olumsuz koşullara karşı koruyan ve dokulara direnç kazandıran maddelerdir (Yazaki, 2006). Sekonder metabolit biyosentez mekanizması ve transport mekanizmalar birbirleri ile interaksiyonu olan önemli mekanizmalardır. Bu mekanizmalarda meydana gelen aksaklıklar bitkinin tüm fizyolojik ve metabolik fonksiyonlarında hasarlara yol açabilmektedirler. Sekonder metablit biyosentez mekanizması ve ABC transport meanizması birbirleri ile sıkı ilişki içinde olan önemli iki mekanizmadır (Yazaki, 2006).

Tez kapsamında yapılan analizlerde sekonder biyosentez metabolizması ve ABC transport genlerine ait gen ekspresyon düzeyinde görülen düşüşlerin biyosentez mekanizmalarında aksaklıklara ve bunun sonucu olarak biyosentez reaksiyonlarının düşmesine yol açtığı düşünülmektedir Biyosentez reaksiyonlarında yaşanan düşüşler, transport aktivitede meydana gelen iletim yetersizliği ile birleşmiş bu durum hücrede ve dokuda fizyolojik ve metabolik strese yol açmış olabilir. Hücre membranı ve hücre duvarı oluşumlarına katılan metabolitlerin biyosentezinde görülen düşüşlerin, hücre ve dokularda direncin azalmasına dolayısıyla doku hasarlarına ve meyve çatlamasına yol açtığı tahmin edilmektedir.

Alkio ve (2012), kirazda (*Purunuz avium*), kütiküler membran oluşumunun moleküler temelerini aydınlatmak amacıyla farklı gelişme dönemlerine ait meyvelerin endokarp ve mezokarp dokularını kullanarak transkriptom analizi

yapmışlardır. Çalışamda, kütin ve mum biyosentez mekanizlamalarının öenmli bulunduğun bildirmişlerdir. Çalışamad kütin ve mum (wax) tabakası ile ilgili birçok genin ekspresyon düzeyinde farklılıkların görüldüğünü ve kütikül transportu veya sentezi ile ilişkili birçok genin ekspresyonunda düşüşlerin olduğunu vurgulamışlardır. Çalışmada, PaWINA, PaWINB, PaLipaz, C52, PaLTP, PaATT1, PaLCr, P450, PaGPAT4/8, PaLA, PaLAC51, PaCER1, Fosfat asetiltransferaz, Coa sentaz, Ap2/ERB genlerinin önemli bulunduğu rapor etmişlerdir.

Li ve ark., (2014), çatlamaya dayanıklı ve çatlamaya hassas olan liçi meyvelerini kullanarak, meyve çatlama mekanizmasının aydınlatılmasını aydınlatılmasını hedeflemişlerdir. Bu amaçla yürüttükleri transkriptom analizi sonucunda, metaboliik proses ve hücresel prosesle ilişkili genlerin ekspresyon düzeyinde farklılıkların olduğunu bildirmişlerdir. Analiz sonucunda, organellerler, hücre ve hücre kısımları (%33) ile ilişkili genlerin ekspresyon düzeyinde önemli farklılıkların olduğunu bildirmişlerdir. Moleküler aktivitede ise DNA bağlanma elementleri, katalitik aktivite ve sinyal iletimi ile ilişkili genlerin ekspresyonunda farklılıkların olduğunu tespit etmişlerdir. Genel olarak replikasyon, tamir mekanizmalarının, posttranskripsiyonel modifikasyonların, protein katlanmalarının, şaperonların, sinyal iletim mekanizmasının ribozomal yapıların ve karbonhidrat transportu ve metabolizması fonksiyonlarının baskılandığını bildirmişlerdir.

Wang ve ark., (2019), çatlamaya hassa ve dayanıklı liçi meyvesinde yürüttükleri transkriptom analizinde sinyal iletim, ile ilgili 4 yolagın etkili olduğu vurgulamışlardır. Çalışmada, sekonder metabolit biyosentez metabolizması ve fotosentez metabolizması önemli bulunan temel yolaklar olarak tanımlanmıştır. KEGG analizinde sinyal iletimi, hormon sinyal iletim sistemi, kütin, süberin ve mum (wax) yolakları, fenilpropanoid biyosentezi önemli bulunan yolaklar olarak tanımlanmıştır. GO analizinde katalitik aktivite, hidroksiperoksidaz aktivite, fotosistem1 ve tilakoid membran ile ilişkili fonksiyonların önemli olduğunu bildirmişlerdir. Çalışmada, *LcOR1, LcOR3* ve *LcAOS* genlerinin up regule olduğu,

LcGH3 ve LcCYP707 A genlerinin çatlamaya hassas olan liçi meyvesinin perikarpında down regüle olduğu ve *LcPP2C* geninin ABA signal iletimi ile ilişkili olabileceği rapor edilmiştir.

Wang ve ark., (2019), çatlamaya dayanıklı ve hassas liçi meyvelerinde metabolomik ve transkriptomik analiz yapmışlardır. Yapılan analiz ile meyve çatlama mekanizması ile metabolitlerin interaksiyonunu araştırmışlardır. Yapılan çalışmada ABA ve ABA sinyal iletiminin çatlayan meyvede, çatlamayan meyveye kıyasla arttığını, IAA miktarının ve sinyal iletiminin düştüğü, Oksin sinyal iletiminin azaldığı, Jasmonik asit ve JA sinyal iletiminin arttığı, etilen miktarının ve etilen sinyal iletiminin arttığı (olgunlaşmada rol aldığını ve meyve çatlamasına karşı hassasiyeti arttıtdığın), Brasimonoidlerin ve sinyal iletiminin azaldığı (hücre duvarı elastikiyetinde rol aldıkları ve meyve çatlamasında dayanıklılık sağladıkları) bildirilmiştir. KEGG analizlerinde, ABC transport, flovonoid biyyosentez, fenilpropanoid biyosentez, limonen degredasyon, amino şeker metabolizması, şeker ve nişasta metabolizması, galaktoz metabolizmasının önemli bulunduğunu rapor edilmiştir.

Zhu ve ark., (2020), üzümde meyve çatlama mekanizmasının araştırılması amacıyla yaptıkları çalışmada, Ribozom, bitki patojen interaksiyonları, hormon sinyal iletim sistemi, protein katlanmaları ve endoplazmik retikülüm metabolizması, RNA transport ve oksidatif fosforilasyon yolaklarının öenmli bulunduğunu bildirmişlerdir. GO analizlerinde ise lipit metabolizması, amino asit metabolizması, sekonder metabolit biyosentez metabolizması ve enerji metabolizmasının önemli bulunduğu vurgulanmıştır.

Liu ve ark., (2020), hünnapta meyve çatlama mekanizmasının aydınlatılması amacıyla yürüttükleri çalışmada, metabolik prosesin (gelişim hormonu ve mum üretimi) meyve çatlaması üzerine etkili olduğunu bildirimiştir. Yapılan KEGG analizlerinde bitki-patojen interaksiyonları, amino asit ve nükleik şeker yolağı, linoleik asit yolağı, jasmonik asit yolağı, früktoz ve mannoz metabolizması, ABA ilişkili karetenoid biyosentez yolağı önemli bulunan yolaklar

olarak bildirilmiştir. Ananlizler sonucunda önemli bulunan genlerin, allene oxidecyclase (AOC), alleneoxide synthase (AOS), 12-oxophytodienoate reductase 3 (OPR3), lipoxygenase 2 (LOX2), 3-ketoacyl-CoA synthase olduğunu vurgulamışlarıdr. Meyve çatlama mekanizmasının aydınlatılması amacıyla yürütülen çalışmalara ait bulgular Tablo 4.7'de sunulmuştur.

Çizelge 4.7. Meyve Çatlama Mekanizmasının Aydınlatılmasına Yönelik Yürütülen Çalışmalar ve Çalışma Vulguları

Bitki Türü	KEGG/GO	Genler	Referans
Kiraz (Purunus avium)	Kütiküler membran ve mum tabakası (Wax)	PaWINA, PaWINB, PaLipaz, C52, PaLTP, PaATT1, PaLCr, P450, PaGPAT4/8, PaLA, PaLAC51, PaCER1, Fosfat asetiltransferaz, Coa sentaz, Ap2/ERB	Alkio ve ark., 2012
Liçi	Su transportu, ABA sinyal iletim sistemi, hücre duvarı metabolizması, Ca transportu, karbonhidrat metabolizması, amino asit ve lipit metabolizması	LcAQP, LcPIP, LcNIP, LcSIP, LcKS, LcGA2ox, LcGID1, LcCYP707A, LcGT, Lcβ-Glu, LcPP2C, LcABI1, LcABI5, LcTPC, Ca2+/H+ Ca2+-ATPase, LcCDPK, LcCBL, LcPG, LcEG, LcPE, LcEXP, Lcβ-Gal, LcXET,	Li ve ark., 2014
Liçi	Sekonder metabolit biyosentezi, MAPK sinyal iletim sistemi, hormon sinyal iletim, kütin, suberin ve mum metabolizması,	LcOR1, LcOR3, LcAOS, LcCH3, LcCYP70, LcPP2C	Wang ve ark., 2019

	fenilproponoid yolağı, ABA, su transportu, Ca transport, hücre duvarı metabolizması		
Liçi	Hormon sinyal iletim sistemi, Fenilpropanoid yolağı, MAPK sinyal iletim sistemi, Siyanoaminaasit yolağı, Ca sinyal iletim sistemi, antosiyanın yolağı, IAA/ABA/ethylene/BR/JA metabolizması	5-hydroxytryptophan, LcOR1ve LcOR3, LcGH3, LcACCS, LcTLP, hydrolase, alpha-amylase (LcαA), sucrose synthase (LcSS),	Wang ve ark., 2019
Üzüm	Kütin, süberin ve mum biyosentezi, linoleik asit yolağı, alken biyosentez yolağı, lipit transport metabolizması	Peroksidaz, pektinaz, Endoglikozidaz, Poligalakturronaz, Ekspansin,	Zhu ve ark., 2020
Hünnap	metabolik yolak (gelişim hormonu ve mum üretimi), amino asit, linoleik asit, jasmonik asit, früktoz ve mannoz yolağı	oxidecyclase (AOC), alleneoxide synthase (AOS), oxophytodienoate reductase (OPR3), lipoxygenase (LOX2), 3-ketoacyl-CoA synthase	Liu ve ark., 2020

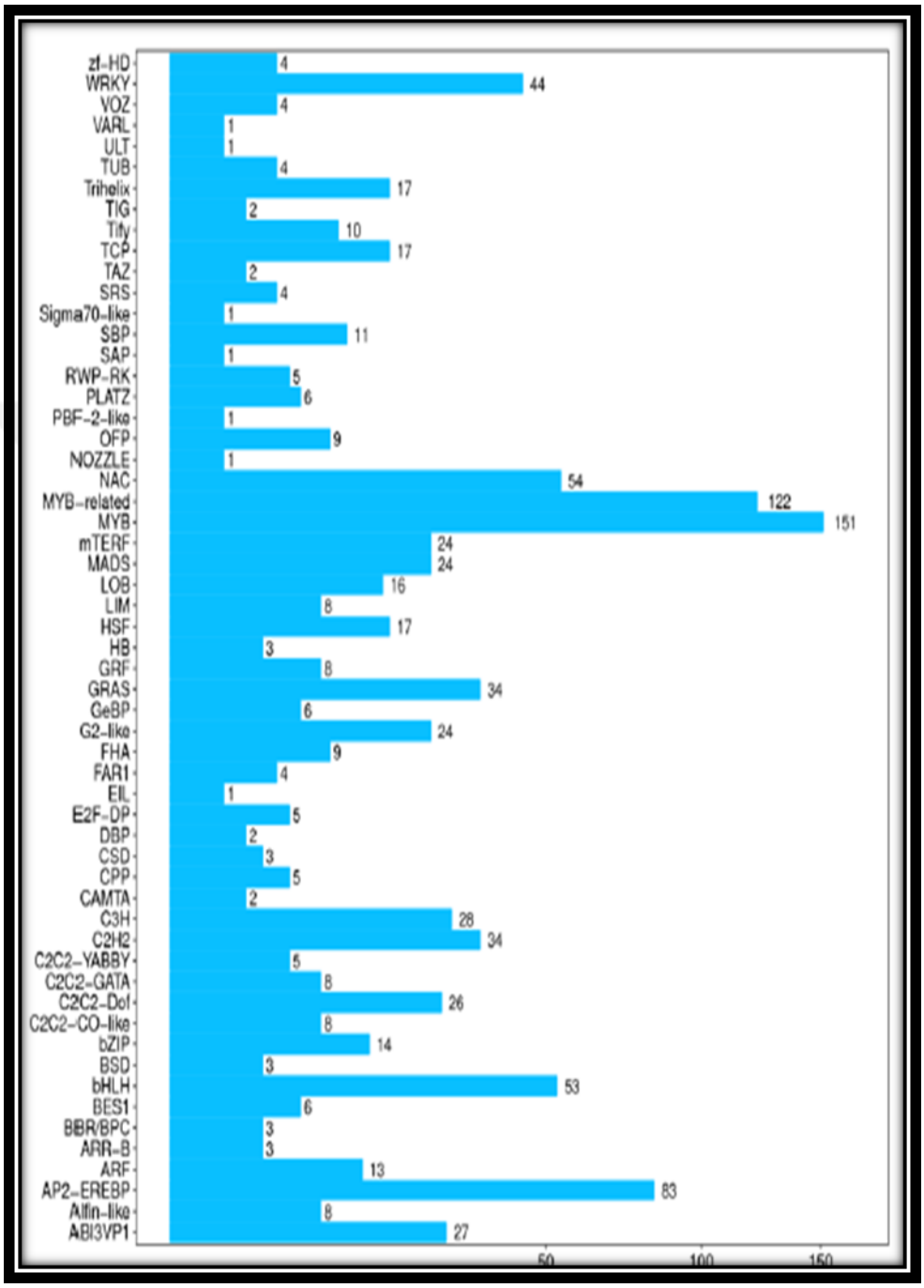
Tez kapsamında alınanan sonuçlar ile literatür verileri karşışaltırıldığında, elde edilen bulguların benzerlik gösterdiği görülmektedir. Literatür verileri incelendiğinde, özellikle metabolik yplak, sekonder metabolit biyosentez yolağı ve sinyal iletim sistemlerinin ön plana çıktığı görülmektedir. Ayrıca fenilpropanoid ve flavonoid yolağının önemli bulunan diğer yolaklar oldu görülmektedir. GO analizleri değerlendirildiğinde hücre ve hücre kısımları, katabolik aktivite ve DNA

bağlanma elementi proseslerinin meyve çatlama mekanizması ile ilişkili olabileceği vurgulanmıştır. Tez kapsamında elde edilen bulgularda da metabolik yolak, sinyal iletim sistemi, ssekonder metabolit biyosentez yolağı, flavonoid biyotentez yolaklarının önemli bulunduğu vurgulanmış, hücre ve hücre kısımları, organel ve membranlar, katalitik aktivite ve DNA bağlanma elementi proseslerinin ön plana çıktığı belirtilmiştir.

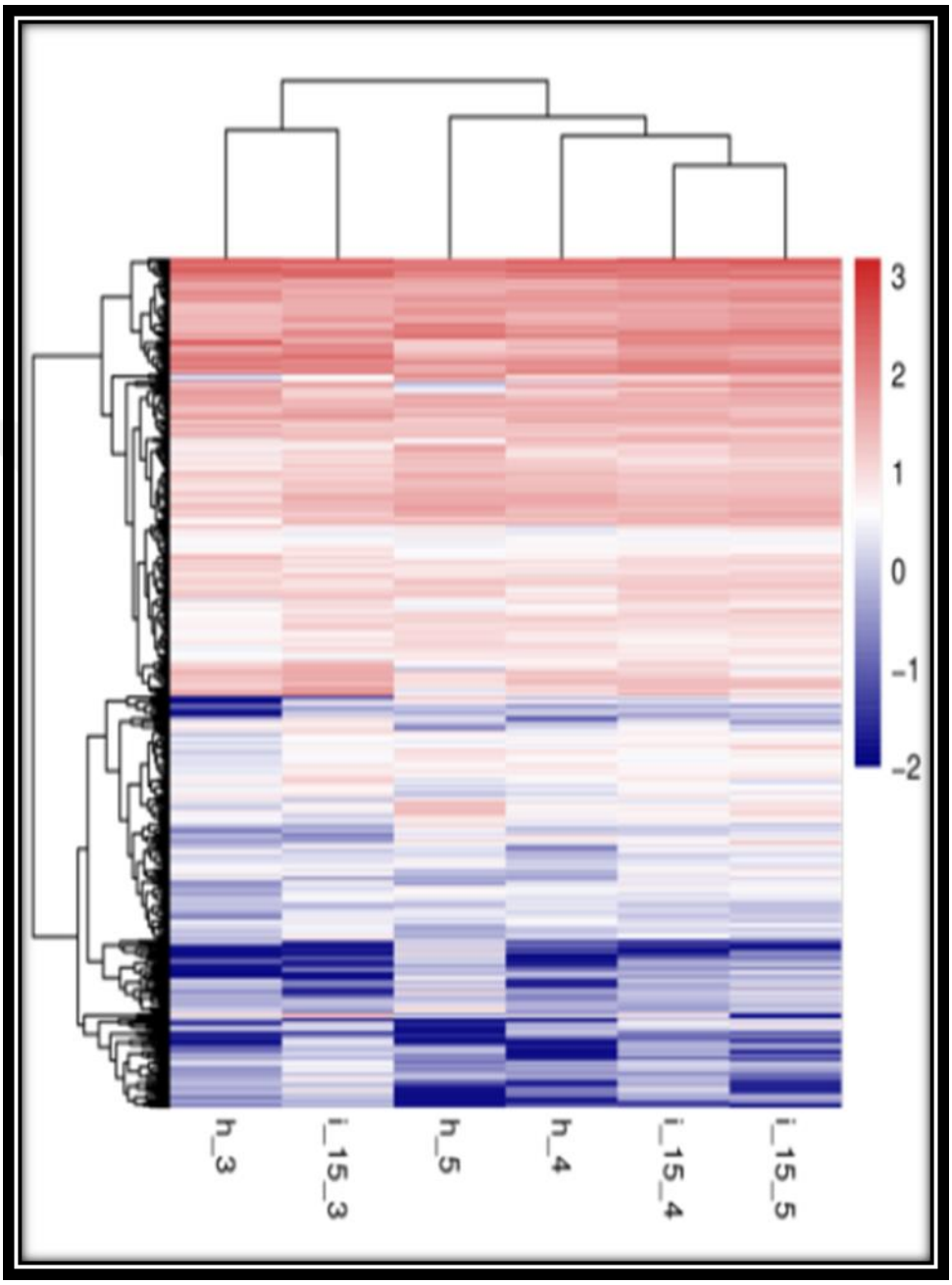
Tez kapsamında alınan tüm verieler incelendiğinde elde edilen bulguların birbirleri ile örtüştüğü görülmektedir. Alınan sonuçlar değerlendirildiğinde, tüm moleküler mekanizmaların, bitkide regülatif sistemlerin uyarılmasına, savunma sistemlerinin oluşturulmasına, ümmin sistem yanıtlarının güçlenmesine, dayanıklılık mekanizmalarının geliştirilmesine ve bitkinin yaşadığı olumsuz koşuldan minimum düzeyde etkilenmesine yönelik olarak geliştirilen yanırlar olduğu açıkça anlaşılmaktadır.

4.1.8. Transkripsiyon Faktörlerine (TF) Ait Bulgular

Analizler sonucunda, diziye özgü DNA bağlanma proteinleri olarak adlandırılan transkripsiyon faktörlerine (TF) ait genler ve genlerin hangi protein aileleri ile homoloji gösterdiği belirlenmiştir. Belirlenen transkripsiyon faktörü genler, kütüphaneler arasında kıyaslanmış ve genlere ait ekspresyon düzeyleri belirlenmiştir. Analizler sonucunda 6 kütüphaneye ait veriler kullanılmış ve 9 farklı kombinasyon oluşturularak kütüphaneler arasında ekspresyon düzeyinde farklılık görülen transkripsiyon faktörü gen ailelerine ait genler belirlenmiştir. Analiz sonucunda kütüphanelerde ekspresyon düzeyinde değişimler görülen transkripsiyon faktörü gen ailelerine ait gen sayıları tespit edilmiş (Şekil 4.33) ve bu genlere ait ekspresyon düzeyi değişimleri, Heatmap haritalarıyla gösterilmiştir (Şekil 4.34).



Şekil 4.31. Transkripsiyon Faktörü ailelerine ve sahip oldukları gen sayılarına ait grafik



Şekil 4.32. Kütüphanelerde ekspresyon düzeyi değişen Transkripsiyon Faktörleri gen ailelerine ait HeadMap

Analiz sonuçları incelendiğinde, tüm kütüphanelerde birçok transkripsiyon faktörü gen ailelerine ait genlerin ekspresyon düzeyinde değişimler tespit edilmiştir. Özellikle *WRYK, NAC, MYB-realeted, MYB, MAD-BOX, GRAS, bHLH ve AP2ERBEp* transkripsiyon faktörü gen ailelerinin, gen ekspresyon değişimlerinde farklılıkların olduğu görülmüştür. Ekspresyon düzeyinde değişim görülen gen sayıları incelendiğinde, *WRKY* gen ailesine ait 44, *NAC* gen ailesine ait 54, *MYB-related* gen ailesine ait 122, *MYB* gen ailesine ait 151, *MAD-BOX* gen ailesine ait 24, *GRAS* gen ailesine ait 34, *bHLH* gen ailesine ait 53 ve *AP2-ERBEp* gen ailesine ait 83 genin, ekspresyon düzeyinde değişimlerin olduğu belirlenmiştir.Transkripsiyon faktörlerinin ekspresyon düzeyinde görülen değişimler incelendiğinde, Hicaznar olgunlaşmamış örnek ve Hicaznar çatlamamış örnek arasında gen ekspresyon düzeyinde, benzer profil oluştuğu, bu durumun İzmir 15 olgunlaşmamış örnek ve İzmir 15 çatlamamış örnek arasında da benzerlik gösterdiği belirlenmiştir. Hicaznar çatlamamış örnek ve Hicaznar çatlamış örnek arasında ise tüm genlerin ekspresyon düzeyinin Hicaznar çatlamış örnekte yüksek olduğu ve bu durumun İzmir 15 çatlamamış örnek ve İzmir 15 çatlamış örnek arasında da benzerlik gösterdiği tespit edilmiştir.

Çeşitlerin kendi aralarında yapılan kıyaslamalarda ise tüm genlerin ekspresyon düzeyinin Hicaznar çeşidinde yüksek olduğu görülmüştür. Özellikle İzmir 15 çatlamış örnek ve Hicaznar çatlamış örnek arasında yapılan kıyaslamada tüm genlerin ekspresyon düzeyinde ciddi artışların olduğu ve bu artışların Hicaznar çatlamış örnekte görüldüğü belirlenmiştir. *AP2* transkripsiyon faktörü gen ailesine ait bazı genlerin yalnızca çeşitlere ait olgunlaşmamış örneklerde yüksek olduğu belirlenmiştir. Çeşitlere ait örneklerin gen ekspresyon düzeyinde görülen farklılıklar değerlendirildiğinde, farklı gelişme dönemlerine ait dokuların gen ekspresyon düzeylerinin farklı olması beklenen bir durumdur fakat özellikle olgunlaşmamış örnekte *AP2* gen ailesine ait bazı genlerin yüksek eksprese olması çiçek ve meyve gelişim sürecinin moleküler olarak regüle edilmesi ile açıklanabilir. *AP2* gen ailesi çiçek ve meyve gelişim süreçlerini kontrol eden, çiçek

ve meyvede olgunlaşma fizyolojisini kontrol eden gen ailesidir. Bu nedenle yalnızca olgunlaşmamış örneklerde bazı *AP2* gen ailesine ait genlerin ekspresyonunda artışların olmasının nedeni, ilgili gen ailesinin sahip olduğu fonksiyonunun bir sonucu olarak değerlendirilmiştir. Çeşitlere ait çatlamamış örnek ve çatlamış örnek arasında görülen gen ekspresyon düzeyinin çatlamış örnekte artış göstermesi ise örnekler arasında görülen fizyolojik, anatomik. metabolik olumsuzluklardan kaynaklandığı sonucunu düşündürmektedir. Transkripsiyon faktörleri regülasyon ve sinyal iletim sistemlerinin temel elemanlarıdır. Özellikle olumsuz koşullarda bitkinin tüm fonksiyonlarını sağlıklı olarak yerine getirmesi için çeşitli mekanizmaları uyarma veya ilgili mekanizmalarda regülasyonlar yapma fonksiyonlarına sahiptirler. Tüm bu fonksiyonları dokuya veya hücreye spesifik olarak, gen ekspresyon düzeyinde değişimlerle yerine getirmişlerdir (Liu ve ark, 1999). Problem görülen doku ve hücrelerde transkripsiyon faktörü genlerin ekspresyonunda artışların görülmesinin temel sebebi doku ve hücrede var olan probleme karşı bitkinin adaptif veya regülatif yanıtlar oluşturmasıdır.

Tez kapsamında incelenen kütüphanelerden özellikle çeşitlere ait çatlamış örneklerin gen ekspresyon düzeyinde görülen artışların dokularda meyve çatlama sorununa karşı yanıtların oluşturulması, oluşan sorunun giderilmesinde sinyal iletiminin ile ümmin sistemin aktifleştirilmesi ve dokuya dayanıklılık sağlanması ile açıklanabilir. İzmir 15 çeşidine ait çatlamış örnek ve Hicaznar çatlamış örnek arasında gen ekspresyon düzeyinde önemli artışların olduğu ve ekspresyon artışlarının Hicaznar çeşidinde yüksek olduğu, İzmir 15 çeşidinde ise düşük olduğu görülmüştür.

Meyve çatlama probleminde, Hicaznar çeşidine kıyasla İzmir 15 çeşidinde meyve çatlama problemine karşı dayanıklılık cevaplarının yeterli düzeyde oluşturulmadığı, bitkinin ümmin sistem yanıtlarının meyve çatlama sorununun giderilmesine veya azaltılmasına olanak tanımağı bu nedenle İzmir 15 çeşidinde meyve çatlama oranının yüksek olduğu düşünülmektedir. Meyve çatlama sorununa

karşı regülatif genler, sinyal iletimi, abiyotik stres dayanıklılığı ile ilişkili genler ve ümmin sistem mekanizmalarına dahil genlerin ekspresyon düzeyinde görülen güçlü artışların Hicaznar çeşidine, meyve çatlama sorununa karşı dayanıklılık kazandırdığı, meyve çatlama oranının düşük kalmasına olanak tanıdığı ve bunun temelinde genetik farklılığa bağlı olarak gen ekspresyon düzeyinde görülen güçlü değişimlerle (yanıtlarla) ilişkili olduğu düşünülmektedir.

Liu ve ark (2020), narın tuz toleransını araştırmak, tuz stresi ile ilişkili moleküler mekanizmaları ve mekanizmalara dahil genleri belirlemek için RNA-Seq analizinden yararlanmışlardır. Çalışmada kontrol ve tuz stresine maruz kalmış nar genotiplerine ait kök ve yaprak dokuları kullanılmıştır. RNA-Seq analizi sonucunda, stres gruplarında kontrole kıyasla gen ekspresyon düzeyinde değişimlerin olduğu bildirilmiştir. Gen ekspresyon düzeyinde önemli değişimlerin hücre duvarı organizasyonu ile ilişkili genlerde, transport membran proteinleri ile ilişkili genlerde, metabolik işlevlerle ilişkili genlerde, iyon ve metal iyon bağlanmasını regüle eden genlerde görüldüğü, iyon transportu prosesinde yer alan Ca transport genlerin ve *MAPK* sinyal iletin sistemine ait genlerin ekspresyonunda değişimlerin olduğu rapor edilmiştir. *KEGG* analizinde metabolik yolak, sekonder metabolit biyosentez yolağı, hormon sinyal iletim yolağı, protein prosesi ve endoplazmik retikulum biyosentez yolağının önemli bulunduğu ve bu yolaklara ait genlerin ekspresyonunda önemli değişimlerin olduğu bildirilmiştir. Araştırmada, transkripsiyon faktörlerinden *MYB, MYB-related, NAC, bHLH, WRKY ve GRAS* transkripsiyon faktörlerinin kontrole kıyasla stres gruplarında daha yüksek eksprese olduğu, AP2 gen ailesinin ise kontrol grubunda daha yüksek eksprese olduğu bildirilmiştir.

Qin ve ark (2020), nar danelerinin metabolit profilini oluşturmak ve dane tabakasının genetik farklılıklarını belirlemek için RNA-Seq analizi yapmışlardır. Çalışmada farklı gelişme dönemlerine ait morfolojik olarak farklılık görülen dokular kullanılmıştır. RNA-Seq analiz ile monolignol glukosidaz birikiminin çok fazla olduğu ve monolignol biyosentez mekanizmasına dahil genlerin ve bu metabolitin transportu ile ilgili genlerin ekspresyon düzeyinde artışların olduğu bildirilmiştir. Ayrıca hemiselüloz ve flavonoid biyosentezi ile ilişkili genlerin

ekspresyonunda artışların olduğu, farklı gelişme dönemleri arasında selüloz ve hemiselüloz biyosentezinde farklılıkların olduğu bildirilmiştir. Transkripsiyon faktörlerinden *NAC, WRKY, AUX-IAA ve R2R3-MYB* transkripsiyon faktörlerinin gen ekspresyonunda farklılıkların olduğu rapor edilmiştir.

Kashash ve ark (2018), düşük sıcaklık ve soğuk depolama koşullarının narda meyve yaralanmalarına etkilerinin moleküler düzeyde araştırmak ve meyvelerin soğuk koşullara dayanıklılıklarını araştırmak amacıyla RNA-Seq analizi yapmıştır. Analizlerde kontrol olarak hasat zamanında alınan örnekler ve soğuk depolama koşulları döneminde alınan örnekler kullanılmıştır. RNA-Seq analizi sonucunda stres ile ilişkili genlerin, hormon sinyal iletimi ile ilgili genlerin, metabolik fonksiyonla ilgili genlerin ve sinyal iletimi ile ilgili genlerin ekspresyonlarında değişimlerin olduğu bildirilmiştir. *KEGG* analizinde hücre duvarı, lipit metabolizması, amino asit metabolizması, transport mekanizması, hücre prosesi ve stres ile ilişkili yolaklara ait genlerin ekspresyonunda değişimlerin olduğu rapor edilmiştir. Sinyal iletim sistemlerinden *MAPK* sinyal iletim sistemi ve *ABA* sinyal iletim sistemlerinin ön plana çıktığı, transkripsiyon faktörlerinde *WRKY* ve *HSP* gen ailelerine ait genlerin ekspresyon düzeyinde farklılıkların görüldüğü bildirilmiştir

Tez kapsamında yürütülen RNA Seq analizleri sonucunda, alınan tüm verilerin bir bütünlük oluşturduğu görülmekte ve meyve çatlama problemimin bitkide stres yanıtları oluşturduğu anlaşılmaktadır. Dokularda çatlamadan kaynaklanan stres sinyallerinin, savunma ve regülasyon mekanizmalarla ilişkili genlerde ekspresyon düzeyinde değişimler meydana getirdiği görülmektedir. Dokularda meydana gelen moleküler değişimlerin, dokuda oluşan stres koşullarının elimine edilmesine, stres zararlanmasının giderilmesine veya azaltılmasına yönelik yanıtlar olduğu düşünülmektedir.

4.3. Kantitatif Real Time PCR (qRT PCR) Analizleri

Real Time PCR reaksiyonları için İzmir 15 ve Hicaznar çeşidine ait örnekler kullanılmıştır. qRT-PCR reaksiyonlarında RNA-Seq analizi için sentezlenen cDNA kütüphaneleri kullanılmıştır. Reaksiyonlarda, RNA-Seq

analizleri sonucunda önemi bulunan bazı genler validasyon amacıyla seçilmiştir. qRT-PCR reaksiyonlarında kullanılan genler Log2 (değişim kat sayıısı), *p*-value ve FDR değerleri dikkate alınarak seçilmiştir. Reaksiyonlarda kullanılan genler kat değişim değeri, en az 2 olacak şekilde seçilmiştir.

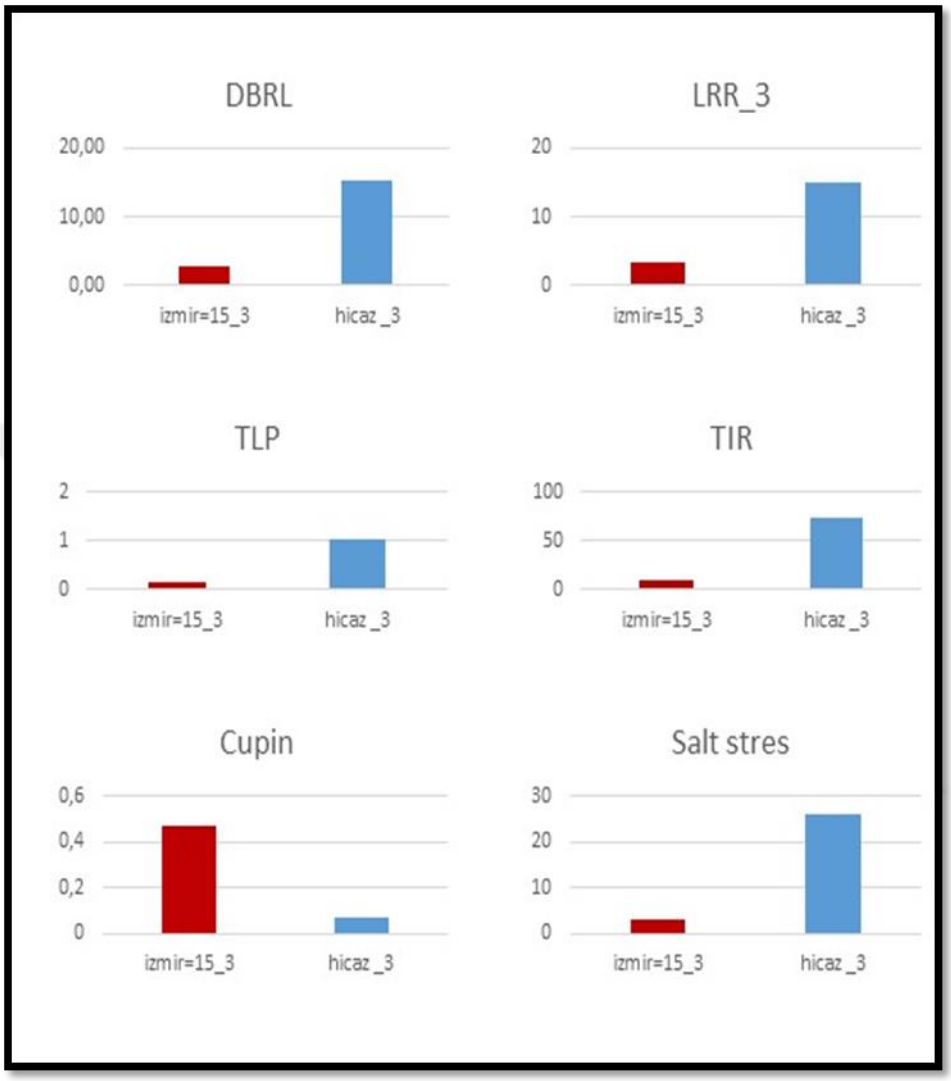
qRT-PCR reaksiyonlarda kullanılmak üzere seçilen genlere ait primerler, Primer3 programı kullanılarak tasarlanmıştır (Çizelge 4,8). Primerlere ait optimizasyon çalışmaları yapılmış ve primerler qRT-PCR reaksiyonları için hazır hale getirilmiştir. Analizlerde referans olarak 18S rRNA geni kullanılmıştır.

Çizelge 4.8. qRT- PCR Reaksiyonlarında Kullanılan Primerler ve Sekans Bilgileri

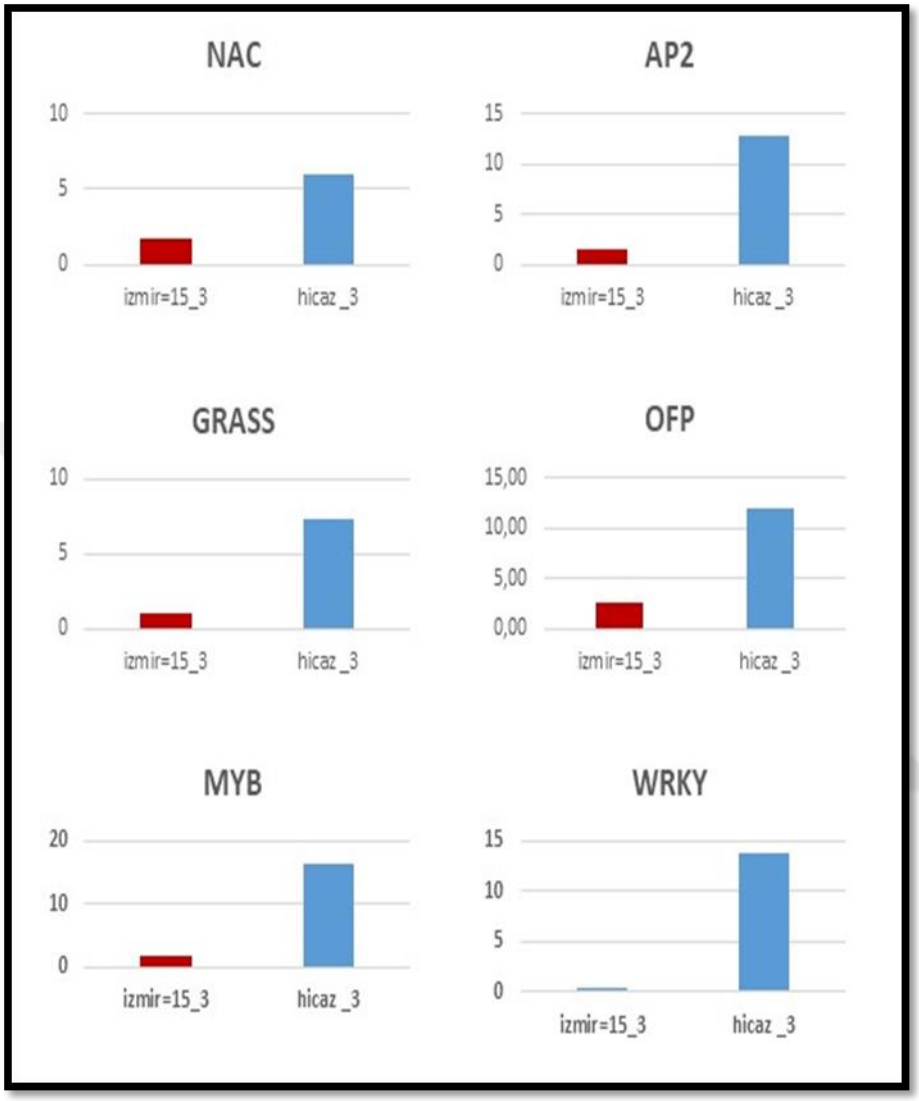
Genler	İleri (Forward) Primer	Geri (Reversre) Primer
Pg18S rRNA	AAACGGCTACCACATCCAAG	CCTCCAATGGATCCTCGTTA
CDL15_Pgr027570 (DBRL)	GGTCCACAACCTCTTCCAAA	TATTCACGAGCCACTGCAAC
CDL15_Pgr028450 (LRR_3)	ACTGAAAACTGGGCTGGTTG	GCTTATTGATGGAGCCGTGT
CDL15_Pgr003854 (TLP-PA)	AAAGCGTATCAGGACCGAGA	TGTCAAAGCTGCAACCTGTC
CDL15_Pgr019540 (TIR)	CTTCACGGACTGCCTCTACC	ACTTCACCATCTCCGTCACC
CDL15_Pgr002615 (Cupin_1)	AGAGCCCAAAGATGCTGTGT	GAAGCGTGCTAACATCGACA
CDL15_Pgr012993 (S. Stres_1)	TGTCCTACCAGAGGGACAGG	CATCGTACAGTCCGTTGTGG
CDL15_Pgr008725 (NAC)	ACCAACTTGGCGATGAACTC	TGATCTACACCCTGCTGCTG
CDL15_Pgr013467 (AP2)	TTCAAGGAGACAAGGCATCC	AAGTTGAGGCAGGCAGAGAG
CDL15_Pgr007720 (GRASS)	GAGATGGTGGAGGCACAACT	GCTGGAGACACTGATGACGA
CDL15_Pgr008583 (OFP)	GGGTTAAGCGCCAAATAACA	CATCATCGACTCCCCTGACT
CDL15_Pgr028928 (MYB	GCACGAAGGTTCTCTTCCAG	AATATCCGGAGCCAAGAGGT

qRT-PCR reaksiyonlarında belirlenen genlere ait primerler ve 18S rRNA geni kullanılmış ve SYBR GREEN floresens boyadan yararlanılarak PCR reaksiyonları kurulmuştur. Reaksiyonlar sonucu elde edilen CT değerleri 2-ΔΔCt formülüne göre değerlendirilerek örnekler arasındaki gen ekspresyon düzeyindeki farklılıklar tespit edilmiştir.

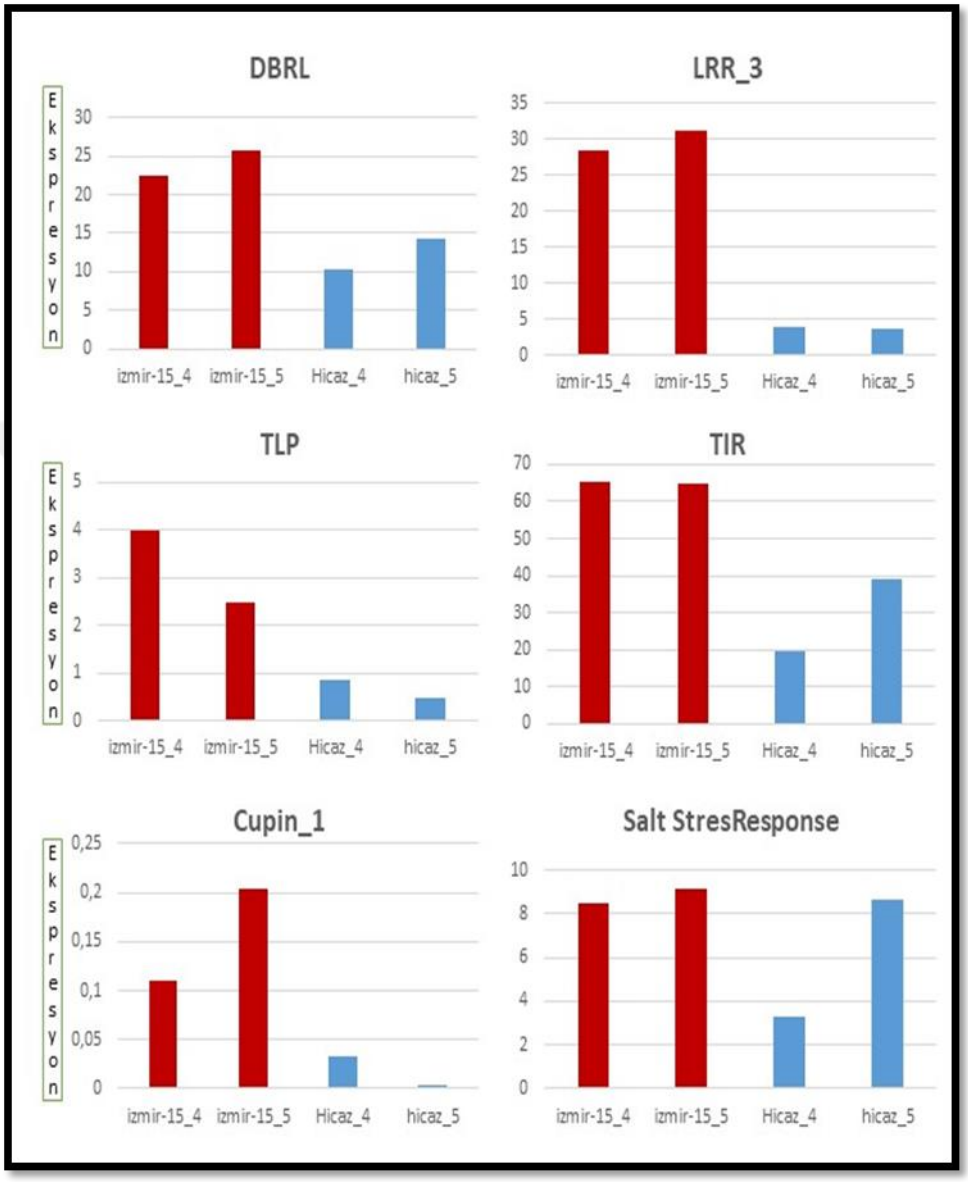
Transkriptom analizi sonucunda *DBRL, NAC, AP2, S. Stres, GRASS ve OFP* genlerinin ekspresyon düzeyinde artış olduğu, artış düzeyinin ise İzmir 15 çeşidine kıyasla, Hicaznar çeşidinde yüksek olduğu belirlenmiştir. *MYB-DNA binding, LRR_3, TLP, TIR ve Cupin_1* genlerinin ise ekspresyon düzeyinin İzmir 15 çeşidine kıyasla, Hicaznar çeşidinde düşük olduğu ve bu düşüş oranının ise İzmir 15 çatlamış örnek ve Hicaznar çatlamış örnek arasında daha yoğun olarak görüldüğü tespit edilmiştir. Transkriptom analizleri sonucunda elde edilen gen ekspresyon düzeyindeki değişimler ile qRT-PCR reaksiyonları sonucu elde edilen gen ekspresyon düzeyindeki değişimlerin aynı ekspresyon profiline sahip olduğu belirlenmiştir. Analiz sonucunda örneklere ait gen ekspresyon düzeyleri, Şekil 4.35, 4.36, 4.37 ve 4.38'de verilmiştir.



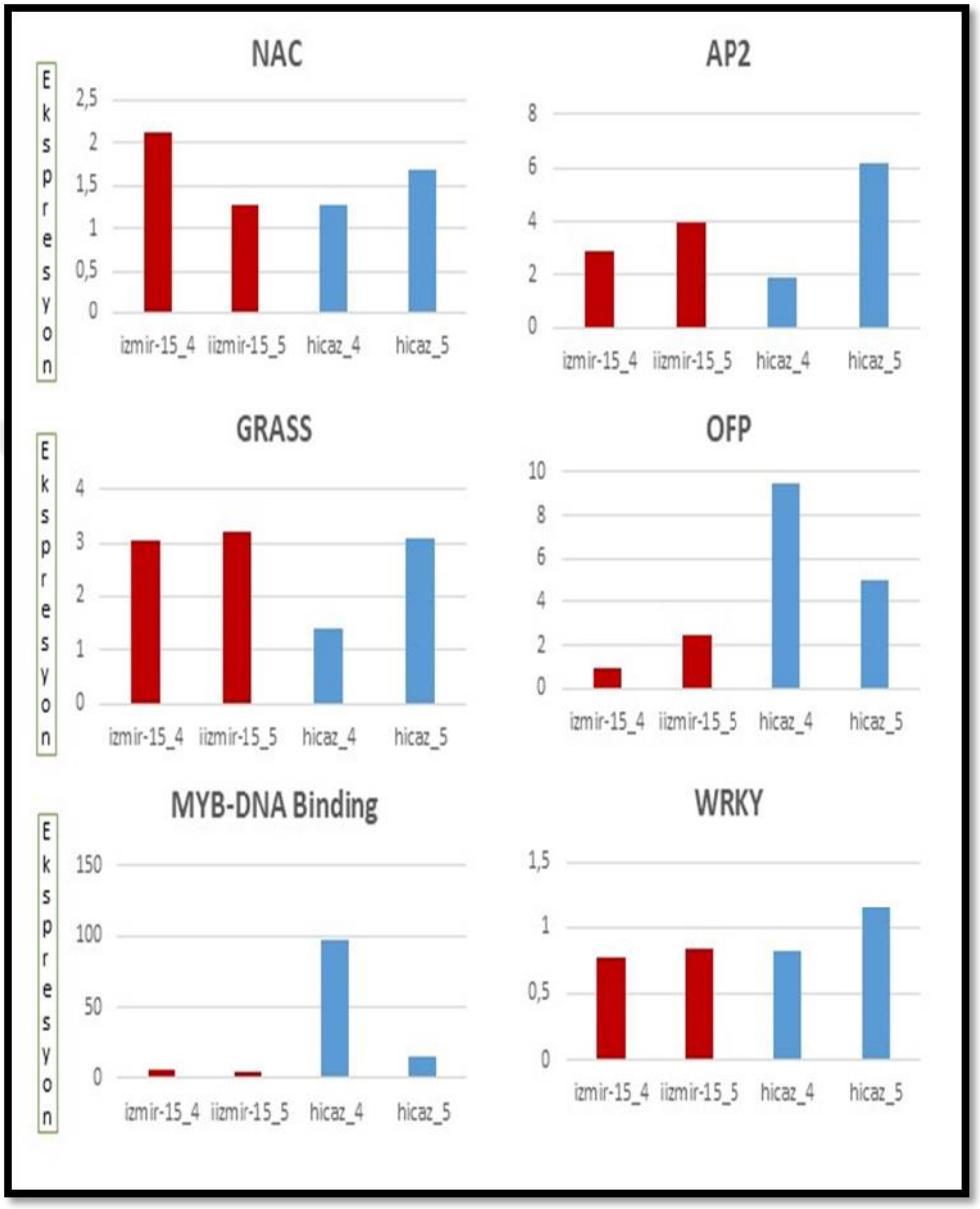
Şekil 4.33. İzmir 15 ve Hicaznar çeşitlerine ait olgunlaşmamış dokuların qRT-PCR grafikleri



Şekil 4.34. İzmir 15 ve Hicaznar çeşitlerine ait olgunlaşmamış dokuların qRT-PCR grafikleri



Şekil 4.35. İzmir 15 ve Hicaznar çeşitlerine ait çatlamamış ve çatlamış dokuların qRT-PCR grafikleri



Şekil 4.36. İzmir 15 ve Hicaznar çeşitlerine ait çatlamamış ve çatlamış dokuların qRT-PCR grafikleri

Analiz sonucunda, İzmir 15 ve Hicaznar çeşidinde genel anlamda çatlamamış dokulara kıyasla çatlamış dokulara ait ekspresyon düzeylerinde artışların olduğu görülmüştür. İzmir 15 çeşidinde, *TLP, NAC* ve *MYB-DNA binding* geni dışında tüm genlerin ekspresyon düzeyi, çatlamış meyve dokusunda up regüle olduğu belirlenmiştir. Hicaznar çeşidine ait dokularda ise yalnız *TLP, Cupin_1, OFP* ve *MYB-DNA Binding* geni çatlamış meyve dokusuna kıyasla çatlamamış meyve dokusunda yüksek olduğu (up regüle) belirlenmiştir. İzmir 15 ve Hicaz çeşitlerine ait gen ekspresyon profili incelendiğinde, benzer genlerde çatlamamış meyve dokusuna kıyasla çatlamış meyve dokusunda, gen ekspresyon düzeyinin arttığı görülürken her iki çeşide ait *TLP* ve *MBY-DNA* geni ekspresyon düzeyinde düşüşlerin olduğu (down regüle) belirlenmiştir. Her iki çeşitte, bazı genlerde gen ekspresyon yönünün benzerlik göstermesi, aynı koşullar altında bulunan çeşitlerin, fizyolojik ve metabolik değişimlere yönelik benzer yanıtlar oluşturduklarını göstermektedir. Çeşitler arasında bazı genlerde gen ekspresyon yönünün benzerlik göstermesine karşın gen ekspresyon değişim miktarı farklılık göstermektedir. Gen ekspresyon düzeyinde meydana gelen değişim miktarı (fold change) bitkinin fizyolojik ve metabolik değişimlere karşı oluşturduğu yanıtlar veya sinyal düzeyi ile ilişkilidir.

Benzer ekspresyon profiline sahip genlere ait değişim miktarları incelendiğinde, Hicaznar çeşidine ait gen ekspresyon değişim miktarının İzmir 15 çeşidine kıyasla yüksek olduğu görülmektedir. Bu durum, meyve çatlama sorununa karşı Hicaznar çeşidinde daha güçlü moleküler cevapların oluştuğu, oluşan güçlü yanıtların çeşide dayanıklılık kazandırdığı ve meyve çatlama şiddetini azalttığı ile ilişkilendirilebilir. İzmir 15 çeşidine ait çatlamamış doku ile çatlamış doku arasında gen ekspresyon düzeyinde görülen değişim miktarının düşük olması, bitkinin uyarılmasına ve var olan probleme yönelik ümmin yanıtlarının oluşturulmasına yetmediği anlaşılmaktadır. Ekspresyon düzeyi belirlenen genlerin büyük bir çoğunluğu stres, savunma mekanizması veya olumsuz ekolojik/biyolojik koşullara yönelik regületif ve/veya sinyal iletim sistemiyle ilişkilidir. Bu nedenle, çeşitlere

ait gen ekspresyon değişim miktarı ile bitkilerin oluşturduğu savunma yanıtlarının düzeyi arasında anlamlı bir ilişki bulunduğu düşünülmektedir. Dolayısıyla, İzmir 15 çeşidinin meyve çatlama sorununa karşı Hicaznar çeşidine kıyasla daha pasif kaldığı ve bu durumun İzmir 15 çeşidinde meyve çatlama problemini şiddetlendirdiği olgusu paralellik göstermektedir. İzmir 15 çeşidinin çatlama sorununa karşı güçlü yanılar oluşturamaması, NAC geni ekspresyon düzeyindeki farklılıkla da teyit edilmektedir.

NAC geni abiyotik stres ile ilişkili bir gen ailesidir. Stres koşullarında birçok mekanizmanın regülasyonundan ve olumsuz koşullarda bitkide dayanıklılık yanıtlarının oluşturulmasında sorumludur (Nuruzzaman ve ark, 2013; Shen ve ark, 2009). İzmir 15 çeşidinde çatlamamış dokuya kıyasla çatlamış dokuda NAC geni ekspresyon düzeyinde düşüşlerin olduğu görülmektedir. Bu durum, İzmir 15 çeşidinin meyve çatlama gibi olumsuz fizyolojik koşula karşı yeterli yanıt oluşturamadığını hatta oluşturulan yanıtların giderek düştüğü göstermektedir.

TLP (Thaumatin-like proteins) geni incelendiğinde, İzmir 15 çeşidine ait çatlamış dokuda çatlamamış dokuya kıyasla gen ekspresyon düzeyinde önemli derecede düşüşlerin olduğu görülürken, Hicaznar çeşidine ait çatlamamış doku ve çatlamış doku arasında görülen gen ekspresyon düzeyindeki düşüşün çok az olduğu tespit edilmiştir. Çeşitlere ait çatlamış dokular arasında görülen gen ekspresyon düzeyindeki önemli farklar, *TLP* geninin fonksiyonunda veya etkinliğinde bir azalmanın olduğunu göstermektedir. *TLP* geni ile ilgili sınırlı sayıda çalışma bulunmaktadır fakat yapılan çalışmalarda *TLP* geninin termostabil fonksiyona sahip olduğu, bitkide biyotik ve abiyotik stres ile ilişkili yanıtların oluşmasında önemli rol oynadığı bildirilmektedir. Özellikle olumsuz ekolojik koşullarda ekspresyon düzeyinde meydana gelen değişimlerle bitkide dayanıklılık cevaplarının oluşturulmasında görev aldığı bildirilmiştir (Bazzo, 2018; Mahomed, 2012; Ramos ve ark, 2015; Soler, 2019). *TLP* geni, etilen hormonunun biyosentezi ve birikiminin indikatörü olarak da tanımlanmaktadır. Etilen hormonu, meyve olgunlaşmada önemli fonksiyona sahip bir hormondur. *TLP* geninin

ekspresyonundaki değişimler meyve olgunlaşması ve şeker/nişasta biyosentez metabolizmasındaki değişimlerin bir indikatörü olara görülmektedir (Wang ve ark., 2019). *TLP* genin ekspresyonundaki artıişar, dokuda ve hücrede şeker/nişasta biyosentezinde artışlara ve bunun sonucu olarak etilen biyosentezinde artışlara işaraet etmektedir. Etilen hormonunun artışı olgunlaşmaya, bu hormonun fazla birikimi ise meyve çatlamasına neden olabileceği düşünülmektedir. Nitekim *TLP* geninin İzmir 15 çeşidine ait olgun meyvelerdeki ekspresyon düzeyi, Hicaznar çeşidine ait olgun meyvelerden yüksek olması, etilen birikiminin İzmir 15 çeşidinde fazla olmasına ve bunun bir sonucu olarak meyve çatlama hassasiyaeşine bir kanıt olabilir. Wang ve ark. (2019), yürüttüğü bir çalışmada çatlamaya hassas ve çatlamaya dayanıklı liçi meyvelerinde, transkriptom ve metabolom analizi yapmıştır. Yapılan analizde *TLP* genini ekspresyon düzeyinin çatlamaya hassas olan çeşide ait meyve perikarpında yüksek seviyede olduğu, çatlamaya dayanıuklı çeşide ait meyve perikarpında ise düşük seviyede olduğu ve bu durumun ise dokularda biriken etilen miktarı ile korelasyon gösterdiği bildirilmiştir.

Hicaznar çeşidine kıyasla İzmir 15 çeşidinde *TLP* gen ekspresyon düzeyinde görülen önemli düşüşlerin, İzmir 15 çeşidinin meyve çatlama sorununa karşı hassasiyetini destekler nitelikte olduğu düşünülmektedir. qRT-PCR reaksiyonlarında kullanılan genlere ait ekspresyon profilleri incelendiğinde, İzmir 15 çeşidinin meyve çatlama sorununa karşı hassasiyetini, Hicaznar çeşidinin ise dayanıklılığını ve çeşitler arasında görülen meyve çatlama oranlarının farklılığını moleküler düzeyde destekler nitelikte olduğu düşünülmektedir.

Tez kapsamında çeşitli yolaklara dahil olan ve meyve çatlama problemi ile ilişkilendirilen bazı önemli gen aileler tespit edilmiştir. Bunlardan biri de *Cupin* gen ailesidir. *Cupin,* bitkide gelişim sürecine dahil olan, tohum oluşumu ve tohum gelişimi sürecine katılan, embriyo gelişimi ve tohum hücre duvarı gelişim sürecine katılan, biyotik ve abiyotik stres mekanizmaları ve hormon mekanizmaları ile ilişkili fonksiyonlara sahip gen ailesidir (Dunwell ve ark, 2001). Tez kapsamında alınan sonuçlarda, C*upin* gen ailesine ait bazı genlerin çeşitler ve çeşitlere ait

dokularda ekspresyon düzeyinde farklılıkların olduğu özellikle İzmir 15 çeşidinde *Cupin* gen ekspresyonunun artış gösterdiği görülmüştür. *Cupin _1* gen ekspresyonunda görülen artış, olgunlaşma sürecini tamamlamasına karşın İzmir 15 çeşidinde, hücre gelişimi ve hücre genişlemesi sürecinin tamamlanmadığını veya bu gelişim sürecinin negatif sinyallerle devam ettirildiğini düşündürmektedir. *Cupin_1* geni bitkide özellikle tohum gelişimi ve ekstraselüler gelişim prosesine dahil olan önemli bir gendir (Dunwell, 1998). *Cupin _1* geninin olgun meyve dokusunda yüksek bulunması, meyve iç gelişim süreci ile meyve kabuğu gelişim süreçlerinin paralel yürütülemediği kanısını oluşturmaktadır Nitekim meyve çatlamasını, meyve iç gelişimi ile meyve kabuğu gelişimi arasında oluşan düzensizliklere bağlı olarak geliştirdiğini bildiren çalışmalar mevcuttur (Khadivi-Khub, 2015; Sekse, 1997; Singh ve ark, 2020) .

İzmir 15 çeşidinde, *LRR* gen ailesine ait genlerin ekspresyon düzeyinde önemli artışların olduğu görülmektedir. Bu durum *LLR* gen ailesi ve meyve çatlama sorununun ilişkili olduğunu düşündürmektedir. *LRR*'lar, birçok fonksiyona sahip gen ailesidir. *LRR*'lar, biriside olumsuz koşullar nedeniyle oluşan hasarlı hücrelerin eliminasyonuna yönelik fonksiyonlara da sahiptirler bu nedeniyle *LRR*'lar bitkide meyve kabuğu direncine veya meyve çatlama oranının şiddetlenmesine yönelik regülatif yanıtların oluşmasına neden olmuş olabilir. *LRR* gen ailesi gibi *TIR* (*Toll/interleukin-1 receptor*) geninde hasarlı dokularda programlı hücre ölümünü mekanizmasını (Apoptosis) uyarma fonksiyonuna sahiptir. *TIR* domainide *LRR* gibi hücre zararlanmalarına ve meyve kabuğu direncinin azalmasına yönelik negatif yanıtların oluşmasına yol açtığı düşünülebilir (Aravind ve ark, 1999; Inohara & Nuñez, 2003; Joshi ve Nayak, 2011).

MLO genleri tez kapsamında önemli bulunan, bir diğer gen ailesidir. Mlo genlerinin, çeşitlere ait çatlamış meyve dokularında yüksek ekspresyon düzeyine sahip olduğu belirlenmiştir ve meyve çatlama mekanizması ile ilişkili olduğu düşünülmektedir. *Mlo* genleri plazma membranına lokalize olmuş transmembran protein gen ailesidir. Dayanıklılık genleri olarak savunma mekanizmalarının uyarılmasına olanak tanıyan, dokuda stres koşullarına karşı sinyaller oluşturarak savunma sistemlerini uyaran ve hasarlı hücrelerin apoptosiz mekanizmasının

uyarılmasına neden olan mekanizmaların uyarılmasından sorumludur (Devoto ve ark, 1999; Joshi ve Nayak, 2011; Pessina ve ark, 2016; Várallyay ve ark, 2012; Zhou ve ark, 2013). Çeşitlere ait çatlamış dokularda *Mlo* geninin ekspresyonunun yüksek olduğu ve İzmir 15 çeşidine ait çatlamış meyvede en yüksek gen ekspresyon düzeyine sahip olduğu görülmüştür. Olumsuz biyolojik ve ekolojik koşulların oluşturduğu negatif etkilerin elimine edilmesi veya azaltılması amacıyla savunma mekanizmalarını uyarmasına karşın, dokuda dayanıklılık cevaplarının yetersiz kaldığı durumlarda ve doku/hücre hasarının oluşması durumunda hücre ölümünü gerçekleştirmesi bu gen ailesinin meyve çatlama sorunu ile ilişkili olduğunu düşündürmektedir. *LRR ve TIR* genleri ile aynı fonksiyona sahip olması ve benzer gen ekspresyon profilleri oluşturması (negatif yönü) bu genlerin meyve çatlama mekanizması ile ilişkili olabileceğini veya meyve çatlama sorununa karşı dokuda hassasiyetlerin oluşmasına yol açabileceği olgusunu oluşturmaktadır.

ABC 2 transport gen ailesi de *Mlo* gen ailesi gibi transmembran protein gen ailesidir. Hücre membranına lokalize olan ve intraselüler/ekstraselüler sinyallerin iletiminden sorumlu proteinlerdir Bitki patogen interaksiyonlarından, hücresel savunma mekanizmaları için sinyal oluşturma ve hücresel membran dayanıklılığının sağlanmasından sorumludur. Özellikle ABA ve hormon benzeri regülatif düzenleyicilerin hücreye alınması veya transportundan sorumludurlar (Lane ve ark, 2016; Martinoia ve ark, 2002, 2002; Sánchez-Fernández ve ark, 2001).

Tez kapsamında incelenen çeşitlere ait çatlamış dokularda, *ABC 2* transport gen ailesine ait bazı genlerin ekspresyonunda önemli değişimler görülmüştür. Bu değişimlerin meyve çatlama sorununa karşı, dokuda meydana gelen stres yanıtları ile stres yanıtlarına bağlı olarak membran dayanıklılığı veya hücre ümmin sistem yanıtlarının oluşturulmasına yönelik gen ekspresyon değişimleri olduğu anlaşılmaktadır. Mentewab ve Stewart (2005) yaptıkları çalışmada, *ABC 2* transport genin aşırı ekspresyonunun bitkide direnç mekanizmasını uyardığı ve bitkiye dayanıklılık kazandırdığın bildirmişlerdir. *ABC 2* transport gen ailesi, yalnızca ABA sinyal mekanizmasını uyarmamakta aynı zamanda metil jasmonat sinyalizasyonundan ve hücresel transportundan da sorumludur (Mahomed, 2012).

ABC 2 transport genlerinin, Hicaznar çeşidine ait çatlamış meyvede, İzmir çeşidine kıyasla daha yüksek eksprese olması, Hicaznar çeşidinin dayanıklılık yanıtlarının güçlü olmasına ve meyve çatlama oranının düşük olmasına neden olduğu düşüncesini oluşturmaktadır. *ABC 2* gen ekspresyonu, Metil jasmonat transportunu aktive ederek meyve çatlama oranını azaltmış olabilir. Nitekim metil jasmonat uygulamalarının meyve kabuğu yaralanmalarını veya hasarlarını azaltmada etkili olduğunu bildiren çalışmalar mevcuttur (Mahmood ve ark, 2012; Saba ve Zarei, 2019; Mohammad Sayyari ve ark, 2011).

OFP (Ovate family protein) gen ailesi, ovül gelişimi ve ovül gelişim regülasyonundan, vasküler doku gelişiminden ve tüm gelişim safhalarının regülasyonundan, lignin biyosentezinden, meyve şeklinin oluşumundan, hormonal regülasyondan, DNA tamir mekanizmasının regülasyonundan ve erkek/dişi gamet oluşumu ve polen oluşumundan, sekonder hücre duvarı oluşumundan, ksilem iletin sisteminin regülasyonundan ve meyve gelişimi ve olgunlaşmasından sorumlu gen ailesidir (Wang ve ark, 2016). Tez kapsamında *OFP* genlerinin ekspresyon düzeyinde önemli değişimlerin olduğu tespit edilmiştir. Özellikle İzmir 15 çeşidine ait çatlamamış meyve dokusuna kıyasla, Hicaznar çatlamış meyve dokusunda yüksek ekspresyon düzeyinin görülmesi, meyve olgunluk süreci ve sekonder hücre genişlemesi sürecinde aktif rol oynadığını düşündürmektedir. Meyve olgunlaşma sürecinin ve sekonder hücre duvarı gelişiminin devam etmesi meyve kabuğu dokusunda direncin azalmasına ve sonuç olarak meyve çatlamasına yol açmış olabilir. Gelişim sürecinin devam etmesi meyve iç gelişimi ve meyve kabuğu gelişimi arasında uyumsuzluklara ve sonuç olarak meyve çatlamasına yol açmış olabilir. Nitekim meyve olgunlaşması sürecinde *OFP* genlerinin ekspresyonunda artışların olduğu fakat olgun meyve dokusunda *OFP* gen ekspresyonunun düştüğü hatta hiç eksprese olmadığını bildiren çalışmalar mevcuttur (Li ve ark, 2019). Bu nedenle İzmir 15 çeşidinde görülen *OFP* gen ekspresyonunda ki artışın düzensiz doku gelişimiyle veya doku gelişim sürecinin sağlıklı sürdürülememesiyle ilişkili olduğu düşündürmektedir. Hicaznar çeşidinde oluşan gen ekspresyonu değişimlerin çatlamış meyvede düştüğü görülmektedir. Bu durum, meyve iç gelişimi ile meyve kabuğu gelişiminin regülasyonunun bir sonucu olduğu gibi stres sinyalleri ile

ilişkili de olabilir. Literatürde, *OFP* genlerine ait eksprsyon düzeyinin stres koşullarına bağlı olarak düştüğünü rapor eden çalışmalar mevcuttur (Li ve ark, 2011).

Tez kapsamında ekspresyon düzeyinde değişimler görülen ve meyve çatlama sorununda önemli regülatif fonksiyonlara sahip olduğu düşünülen transkripsiyon faktörleri belirlenmiştir. Önemli bulunan transkripsiyon faktörleri *WRYK, NAC, MYB-realeted, MYB, MAD-BOX, GRAS, bHLH ve AP2-ERBEp* transkripsiyon faktörü gen aileleridir. Önemli bulunan gen ailelerinin tümü çeşitlere ait çatlamış dokularda ve İzmir 15 çeşidine kıyasla Hicaznar çeşidinde yüksek düzeyde eksprese olduğu tespit edilmiştir.

WRKY transkripsiyon faktörü (TF), patogen ataklarına karşı bitkiye direnç kazandırılmasında, savunma mekanizmalarının uyarılmasında, *MAPK* sinyal iletiminin uyarılmasında, biyotik ve abiyotik direnç sinyallerinin oluşturulmasında, transkripsiyonel regülasyonlarda, bitki gelişimi ve tohum oluşumunun regülasyonlarında, ABA/GA interaksiyonunda, senesens'de, gelişim süreci regülasyonlarından sorumludur. (Eulgem ve Somssich, 2007; Pandey ve Somssich, 2009).

NAC transkripsiyon faktörü abiyotik stres cevaplarının oluşturulmasında, strese karşı bitki gelişim prosesinin regülasyonunda, strese dayanıklılık mekanizmasının güçlendirilmesinde, ABA interaksiyonunda, metabolik yolak regülasyonunda, stres ile ilişkili TF'lerin uyarılmasında aktif rollere sahiptir (Nuruzzaman ve ark, 2013, 2013; Olsen ve ark, 2005).

MAD-BOX transkripsiyon faktörü, floral organların gelişiminden ve gelişim ile ilgili biyolojik fonksiyonların regülasyonundan, karpel ve stamen gelişiminden, AP1 ve AP2 gen ailesi interaksiyonundan sorumludur. (Immink ve ark, 2009; Parenicová ve ark, 2003). Capel ve ark., (2017), birçok esterin kütin ve mum oluşumu ile ilişkili olduğunu ve bu esterlerin fenol ve flavonoid biyosentez mekanizması ile ilişkilim olduğunu rapor etmişlerdir. Mad-Box transkripsiyon faktörlerinin de kütin ve kütin gelişimi ile ilişkili olduğunuvurgulamışlardır.

MYB transkripsiyon faktörü önemli biyolojik proseslerin kontrolünden, hücresel fonksiyonun kontrolünden, doku ve organ gelişiminden, metabolik

yolakların regülasyonundan, biyotik ve abiyotik stres yanıtlarının oluşturulmasından, gelişim süreci ile ilgili network ağının kontrolünden sorumludur (Ambawat ve ark, 2013; Yanhui ve ark, 2006), *MYB-related* transkripsiyon faktörü hücre ve hücre genişlemesinden, epidermal hücre kontrolünden hücre duvarı oluşumundan, *NAM, AP2 ve NAC* geni interaksiyonundan, hücre ve doku farklılaşmasından, ABA ve etilen etkileşimlerinden sorumludur (Glover ve ark, 1998; Zhao ve ark, 2019). Sayılan tümgenlerin tez kapsamında önemli bulunan genler olduğu görülmektedir. Genlerin fonksiyonları ve aralarındaki interaksiyonlar dikkate alındığında önemli bulunan genlerin meyve çatlama mekanizmasıyla ilişkili olduğu açıkça görülmektedir.

GRASS transkripsiyon faktörleri, fenilpropanoid yolağının regülasyonundan, biyotik ve abiyotik stres koşullarında hücre duvarının güçlendirilmesinde, fenol, flavonoid ve lignin biyosentez yolaklarının kontrolünden sorumludur (Gray ve ark, 2012). Tez kapsamında Hicaznar olgun çatlamış ve çatlamamış örneklere ait *GRASS* geni ekspresyon düzeyinin İzmir 15 çeşidine ait örneklerden yüksek olduğu görülmektedir. Bu durum İzmir 15 çeşidinde fenilpropanoid biyosentezinin aktivitesinin Hicaznar çeşidine kıyasla daha düşük olduğunu, bunun sonucu olarak İzmir 15 çeşidine ait dokularda lignin kontentinin düşük kaldığını bu nedenle İzmir 15 çeşidinin meyve çatlamasına karşı hassasiyet gösterdiği düşünülmektedir.

Önemli bulunan transkripsiyon faktörü gen aileleri ve sahip oldukları fonksiyonlar incelendiğinde, Gen ontoloji analizi ve KEGG analizleri sonucunda önemli bulunan yolaklar ve hücresel fonksiyonların birbirleri ile örtüştüğü görülmektedir. Meyve çatlama mekanizmasında öne çıkan yolaklar ve yolaklara dahil genler ile transkripsiyon faktörü genlerin önemli etkileşimleri olduğu ve önemli bulunan genlerin sahip olduğu tüm fonksiyonların, hücresel mekanizmalarda meydana gelen negatif etkileri, hücre hasarlarını, sinyal iletim mekanizmasında oluşan olumsuzlukları azaltma ve meyve çatlamasından kaynaklanan fizyolojik stres koşullarını azaltma veya minimuma indirme amacıyla geliştirilen moleküler yanıtlar olduğu anlaşılmaktadır. Moleküler düzeyde meydana gelen değişimlerin özellikle hücre ve dokularda ümmin sistem sinyallerinin

oluşturulmasına ve bitkide dayanıklılık yanıtlarının uyarılması ile hücrede ve dokuda güçlü adaptif değişimlerin meydana gelmesine yönelik olduğu görülmektedir.

Meyve çatlama problemi, birçok bitki türünde görülen fizyolojik bir problem olarak tanımlanmaktadır. Farklı koşullara bağlı olarak gerçekleşen bir sorundur ve genetik faktörler en önemli kaynağını oluşturmaktadır. Meyve kabuğu yapısı, meyve kabuğu kütikular yapı, epidermis tabakası, epidermal tabakadaki stoma sayısı, meyve kabuğu dokusunun sahip olduğu su miktarı, anatomik direnç, hücre duvarı içeriği, meyve eti ve meyve gelişim safhası meyve çatlamasının temelini oluşturan fizyolojik ve anatomik özelliklerden bazılarıdır. Meyve çatlamasında birçok farklı özelliğin etkili olması sorunun birçok genle kontrol edildiğini göstermektedir (Khadivi-Khub, 2015). Narda, meyve çatlama oranlarının çeşide bağlı olarak değişmesi ve bazı çeşitlerin duyarlı bazı çeşitlerin dayanıklı olması, sorunu genetik temellere dayandırmaktadır. Bu nedenle meyve çatlamasında genotip kaynaklı dayanıklılık yanıtlarının kökenini oluşturan genetik mekanizmaların aydınlatılması önem arz etmektedir.

Tez kapsamında, meyve çatlamasına duyarlı ve dayanıklı çeşitlerin kullanılması, çeşitlere ait iki farklı gelişme dönemine ait dokuların kullanılması meyve çatlama probleminin moleküler mekanizmalarının aydınlatılmasına ve sorunla ilişkili olduğu düşünülen yolakların ve ilgili genlerin belirlenmesine olanak tanımıştır. Analizler meyve çatlama probleminin kompleks bir sorun olduğunu göstermektedir. Metabolik yolak, MAPK sinyal iletim yolağı, sekonder metabolit biyosentez yolağı ve nişasta/şeker metabolit yolağı ve bu yolaklara dahil genler arasında interaksiyonların olduğu belirlenmiştir. Belirlenen yolakların özellikle çeşitlere ait çatlamamış ve çatlamış meyve dokularında önemli bulunması, çatlama mekanizmasına dahil olan yolakların ve yolaklarda görev alan genlerin, meyve çatlama problemi ile ilişkili olduğunu düşündürmektedir. Önemli olarak bulunan genlerin ekspresyon düzeyinde meydana gelen değişimler ve gen ekspresyon düzeyindeki değişimlerin çeşitler/çeşitlere ait dokular arasında farklılık göstermesi meyve çatlaması ve çeşit interaksiyonunu destekler niteliktedir.

5. SONUÇ VE ÖNERİLER

Nar, ekonomik değeri ve besin içeriği bakımında değerli bir meyvedir. Özellikle Akdeniz havzasında bulunan ülkeler ve Akdeniz ikliminin hakim olduğu bölgelerde yaygın olarak yetiştiriciliği yapılmaktadır. Bu nedenle yetiştiriciliği yapılan bölgelerde önemli gelir kaynakları arasında yer almaktadır. Olumsuz ekolojik koşullar, dünya nüfus artışı, yeterli ve sağlıklı gıdalara erişiminde yaşanan yetersizlik insanları, besin kompozisyonu yüksek gıdaların tüketilmesine yönlendirmiştir. Besin içeriği, antioksidan aktivite, vitamin, mineral ve fitokimyasallar bakımından zengin kompozisyona sahip olması nara olan talebi arttırmaktadır. Talepte yaşanan artışlar, nar yetiştiriciliğini cazip kılmakta ve uygun ekolojik koşullara sahip bölgelerde, nar yetiştiriciliğinin yaygınlaşmasına olanak tanımaktadır.

Nar üretiminde artışlar olmasına karşın yetiştiricilikte, önemli sorunlar bulunmaktadır. Var olan sorunların en önemlisi meyve çatlama problemidir ve her yıl önemli ekonomik kayıplara neden olmaktadır. Nar yetiştiriciliğinde meyve çatlama problemi önemli bir sorun olmasına karşın kayıpların ekonomik boyutu ile ilgili istatistiki bir veri bulunmamaktadır. Nar yetiştiriciliğinde meydana gelen ekonomik kayıplar kısıtlı sayıdaki literatür bilgisi ile sınırlıdır. Dünya genelinde yaklaşık 50 ticari nar çeşidinin bulunmasına karşın çeşitlere ait meyve çatlama oranları ve çeşitlerin soruna karşı duyarlılığı veya dayanıklılığı ile ilgili yapılan çalışmalarda oldukça düşüktür. Yetiştiricilikte önemli ekonomik kayıplara neden olan meyve çatlama sorunun ortadan kaldırılması, çatlamaya dayanıklı çeşit ıslahı ile mümkündür.

Son yıllarda yaşanan iklim değişiklikleri ve gıda erişimindeki yetersizlikler narda meyve çatlamasına dayanıklı çeşit ıslahını zorunlu kılmaktadır. Yeni çeşitlerin geliştirilmesi, narda meyve çatlama sorununun detaylı olarak analiz edilmesi ve sorunun temellerinin aydınlatılması ile mümkündür. Analizler sonucunda elde edilen detaylı bilgilerin ıslah programlarına entegre edilmesi ile

arzu edilen ve ekolojik koşullara dayanıklı çeşitlerin geliştirilmesi mümkündür. Meyve çatlaması nar dahil bir çok meyve türünde görülen önemli bir sorun olmasına karşın problemin temellerine yönelik çalışmalar bulunmamaktadır. Soruna neden olan genetik faktörler, moleküler mekanizmalar, fizyolojik ve anatomik sorunların moleküler temelleri ile ilgili araştırmalar bulunmamaktadır. Meyve çatlama sorunun giderilmesi ve meyve çatlamasına dayanıklı çeşit ıslahı, mevcut sorunun moleküler temellerini aydınlatılması ile mümkündür. Bu nedenle tez kapsamında, narda meyve çatlamasında görev alan moleküler mekanizmalar ve mekanizmaya dahil genler detaylı olarak araştırılmıştır.

Tez kapsamında, daha önce Çukurova Üniversitesi Ziraat Fakültesi Bahçe Bitkileri Nar Genetik Koleksiyonunda bulunan çeşitlere ait meyve çatlama oranlarının belirlendiği ve çalışma sonucunda meyve çatlama sorununa karşı dayanıklı ve hassas olduğu bildirilen çeşitler kullanılmıştır. Çalışmada, meyve çatlama sorununa karşı hassa olan İzmir 15 çeşidi ve meyve çatlama sorununa karşı dayanıklı olan Hicaznar çeşidi moleküler analizlerin yapılması amacıyla seçilmiştir. Meyve çatlama mekanizmasının detaylı analizi için çeşitlere ait iki farklı gelişme döneminde alınan meyve kabuğu dokuları kullanılmıştır. Analizlerde çeşitlere ait olgunlaşmamış meyve kabuğu, olgunlaşmış sağlam meyve kabuğu ve olgunlaşmış çatlamış meyve kabuğu dokuları kullanılmıştır. Moleküler analizlerin yapılması ve meyve çatlama mekanizmasının ve mekanizmaya dahil genlerin belirlenmesi amacıyla, Yeni Nesil Dizileme Teknoloji'lerinden RNA-Seq teknolojisi kullanılmıştır. RNA-Seq analizi için Illumina HISeq 2000 platformundan yararlanılmıştır. Dizileme ile her kütüphaneye ait 57,470000-59,110000 baz ham okuma elde edilmiştir. Örneklerin filtrelenmesi ile her kütüphaneye ait 54,92 ile 56,54 milyon (~ 8,30 GB) baz temiz okuma elde edilmiştir. Elde edilen temiz okumalar *P. granatum* L. genomuna haritalanmış ve transkriptler elde edilmiştir. Analizler sonucunda toplamda 22 001 (Unigen) transkript belirlenmiştir. Belirlenen transkriptlerin 18 372 'si kodlanan (coding) bölgelere, 3 629 'u kodlanmayan (noncoding) bölgelere ait olduğu, 15 959 'nun

izoform transkript ve 2413 'nün daha önce tanımlanmamış yeni (nowel) transkriptler olduğu belirlenmiştir. Analiz ile belirlenen transkriptlere ait gen ekspresyon düzeyi ve kütüphaneler arasında farklı seviyede ifade olan gen sayıları da belirlenmiştir. Ortak ve farklı ifade düzeyine sahip gen sayısı incelendiğinde yaklaşık 16 000 genin ortak ve benzer ifade düzeyine sahip olduğu, yaklaşık 4 000 genin ise örnekler arasında farklı ifade düzeylerine sahip olduğu tespit edilmiştir. Analizlerde *LLR-RI, LLR, ABC 2, NB–ARC, MLO, Sulfotransferaz, PLN00113, STK-IRAK, İnterleukin-1, Salt stress response/antifungal, Ubox Cupin 1, No apical meristem (NAM), TIR ve Double bond reductas* öne çıkan genlerdir. Gen ontoloji analizi ile metabolik proses, hücresel proses, membran ve membran kısımları, katalitik aktivite ve DNA-bağlanma bölgeleri ile ilişkili prosesler önemli bulunmuştur. KEGG analizleri ile 18 416 genin yaklaşık 150 metabolik yolakla ilişkili olduğu tespit edilmiştir.

Metabolik yolak, MAPK sinyal yolağı, Sekonder metabolit biyosentez metabolizmas, Hormon sinyal iletim metabolizması, Flavonoid biyosentez yolağı, Galaktoz metabolizması, Nişasta ve sükroz metabolizması, RNA degredasyon metabolizması, RNA transport metabolizması ve Fenilpropanoid biyosentez metabolizması öne çıkan yolaklardır. Analizlerle transkripsiyon faktörü gen ailelerinden *WRYK, NAC, MYB-realeted, MYB, MAD-BOX, GRAS, bHLH ve AP2-ERBEp* ekspresyon düzeyinde önemli değişimler görülen gen aileleri olarak belirlenmiştir. Tez kapsamında meyve çatlama mekanizması ve mekanizmada görev alan genler, genlere ait fonksiyonlar, genlerin dahil oldukları yolaklar detaylı olarak incelenmiştir.

Tez kapsamında elde edilen tüm sonuçlar birlikte değerlendirildiğinde, sinyal iletim sistemleri ve transport aktivitede sorunların olduğu belirlenmiştir. Savunma ve dayanıklılık ile ilişkili mekanizmaların ve bu mekanizmalara dahil olan genlerin ekspresyonunda değişimlerin olduğu tespit edilmiştir. Hücre ve hücre kısımları, organel ve membranların biyosentezinde rol oynayan monomerlerin biyosentezinde düşüşlerin olduğu belirlenmiştir. Analizler sonucunda önemli

bulunan prosesler ve bu proseslere ait fonksiyonların çevresel koşulların ve kültürel şartların değişimi ile uyarıldığı ve bu uyarıların reseptör proteinlerle ve sinyal iletim sistemleri aracılığıyla algılandığı görülmektedir. Böylelikle ekolojik koşullarda meydana gelen değişimlerin, sinyal iletim sistemleri ile bitkide ve bitki dokularında stres yanıtlarının oluşturulmasına olanak tanıdığı düşünülmektedir. Oluşturulan stres yanıtlarının savunma ve dayanıklılık mekanizmalarının uyarılmasına yardımcı olduğu bu nedenle savunma ve dayanıklılık mekanizmalarına dahil olan genlerin ekspresyonunda artışların görüldüğü belirlenmiştir. Moleküler düzeyde oluşturulan stres cevaplarının var olan problemin giderilmesinde yetersiz kaldığı bu durumun birçok biyosentez reaksiyonunda düşüşlere neden olduğu tespit edilmiştir. Biyosentez reaksiyonlarında meydana gelen düşüşlerin özellikle sekonder metabolit biyosentez mekanizmalarına dahil olan (fenilpropanoid yolağı, karbonhidrat yolağı, şeker ve nişasta biyosentez yolağı) yolaklarda olduğu görülmüştür. Biyosentez reaksiyonlarında meydana gelen düşüşlerle birlikte transport aktivitede yaşanan aksaklıkların özellikle hücre ve hücre kısımlarında (organel ve organel kısımları, membran ve mambran kısımları, hücre duvarı) değredasyonlara yol açtığı düşünülmektedir. Hücre ve hücre kısımlarında meydana gelen degredasyonlar ile apoptosis süreciyle ilişkili bazı genlerin (LRR; TIR, NB-ARC gen ailelleri) ekspresyonundaki değişimlerin, doku hasarına yol açtığı ve dolayısı ile meyve çatlama probleminin neden olduğu düşünülmektedir.

Tez kapsamında meyve çatlama sorunun detaylı analizi yapılmış ve sorunla ilişkili önemli bulunan genler tespit edilmiştir fakat meyve çatlama prosesinin fenotipik yansımalarının detaylı olarak incelenmesi ve proteomik temellerinin aydınlatılması önem arz etmektedir. Aynı zamanda genlerde meydana gelen ve ekspresyon düzeyinde düşüşlere hatta gen susturmalarına yol açan transkripsiyon veya post-transkripsiyon regülasyonların araştırılması ve meyve çatlama sorunu ile ilişkisinin belirlenmesi, sorunun tüm temellerinin detaylı olarak aydınlatılmasına olanak tanıyacaktır.

Transkriptom analizi sonucunda önemli bulunan genlerin fonksiyonel genomik yaklaşımlarla veya genom düzenleme teknolojileri ile genlere ait fonksiyonların, bitkide meydana getirdiği biyolojik değişimlerin belirlenmesi önemli görülmektedir. Tüm yaklaşımların uygulama fırsatı bulacağı fonksiyonel çalışmalar sonucunda elde edilecek kıymetli bilgilerin ve verilerin özellikle ıslah alanına çok değerli katkılar sunacak ve bu alanla iligili önemli bir kaynak olarak değerlendirilecektir. Tüm bu süreçlerin moleküler ıslaha entegre edilerek kısa sürede, arzu edilen özelliklere sahip, yeni çeşitlerin geliştirilmesine fırsat tanıyacaktır.

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ÖZGEÇMİŞ

Adana'da doğdu. İlk, orta ve lise eğitimini Adana'da tamamladı. 2008 yılında Anadolu Üniversitesi, İktisadi ve İdari Bilimler Fakültesi, Maliye Bölümü'nden mezun oldu. 2009 yılında başladığı Siirt Üniversitesi, Fen – Edebiyat Fakültesi, Biyoloji Bölümü'nden 2013 yılında mezun oldu. 2014 yılında Çankırı Karatekin Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji Anabilin Dalı'nda başladığı Yüksek Lisans eğitimini 2016 yılında tamamladı. 2016 yılında Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Biyoteknoloji Anabilim Dalı'nda Doktora eğitimine başladı ve 2021 yılında doktora eğitimini tamamladı.

EKLER

EK 1. cDNA Kütüphanelerine ait FPKM Değerleri

Tablo 1. Hicaz Örneklerine Ait FPKM Değerleri

Gen ID	**H_3 FPKM**	**H_4 FPKM**	**H_5 FPKM**
CDL15_Pgr000122	15373	47150	0
CDL15_Pgr000133	0.78	0.84	0.59
CDL15_Pgr000153	856.58	821.70	287.95
CDL15_Pgr000188	74.87	85.49	44436
CDL15_Pgr000220	0.77	0.89	0.43
CDL15_Pgr000236	0.51	0.53	0.37
CDL15_Pgr000237	15342	44257	0.61
CDL15_Pgr000272	87.39	102.70	72.87
CDL15_Pgr000311	19207	28734	28946
CDL15_Pgr000362	41.87	45.05	32.87
CDL15_Pgr000376	515.88	586.49	373.75
CDL15_Pgr000451	34.43	34.85	33.30
CDL15_Pgr000464	27.32	35.44	19.74
CDL15_Pgr000493	35916	44536	44198
CDL15_Pgr000494	46.76	59.74	27.96
CDL15_Pgr000495	236.95	226.65	107.66
CDL15_Pgr000552	47300	15888	29952
CDL15_Pgr000577	0.97	45292	0.68
CDL15_Pgr000578	19.27	25.42	45505
CDL15_Pgr000662	25.29	44341	21.85
CDL15_Pgr000736	13.28	44543	21367
CDL15_Pgr000764	44348	0.96	0.16
CDL15_Pgr000790	28703	44531	25324
CDL15_Pgr000807	19968	32782	34425
CDL15_Pgr000809	0.23	0.31	0
CDL15_Pgr000810	78.10	80.68	46.69
CDL15_Pgr000836	34700	12451	0.94
CDL15_Pgr000897	0.46	0.74	0
CDL15_Pgr000907	110.71	122.17	96.30
CDL15_Pgr000948	0.13	0.15	0
CDL15_Pgr000964	27150	29707	18719

CDL15_Pgr000999	41974	20059	17015
CDL15_Pgr001068	23498	43617	20821
CDL15_Pgr001083	44562	44927	44440
CDL15_Pgr001089	44805	14.75	41334
CDL15_Pgr001090	15.19	16.58	29007
CDL15_Pgr001118	38.90	37.56	17.16
CDL15_Pgr001125	160.29	196.56	16.46
CDL15_Pgr001168	18.25	20.51	15.51
CDL15_Pgr001177	298.65	293.56	180.13
CDL15_Pgr001191	22828	46204	12510
CDL15_Pgr001201	35.10	34.63	20.86
CDL15_Pgr001203	13667	32690	33635
CDL15_Pgr001207	14.00	15.66	44447
CDL15_Pgr001210	961.14	1122.08	693.46
CDL15_Pgr001233	39.07	41.40	33.10
CDL15_Pgr001249	44075	25812	44652
CDL15_Pgr001286	66.78	88.16	28.87
CDL15_Pgr001295	44408	35.30	27.14
CDL15_Pgr001313	127.92	119.64	62.83
CDL15_Pgr001342	44264	42614	46478
CDL15_Pgr001349	32660	34912	0.74
CDL15_Pgr001365	191.35	200.08	156.35
CDL15_Pgr001369	48.61	47.10	20.98
CDL15_Pgr001375	20.27	21.21	18.89
CDL15_Pgr001381	175.35	192.57	123.01
CDL15_Pgr001402	20090	15707	0.34
CDL15_Pgr001424	15523	36100	43891
CDL15_Pgr001434	14.65	14.80	19176
CDL15_Pgr001436	80.25	84.62	72.68
CDL15_Pgr001437	48.61	51.42	35.73
CDL15_Pgr001438	61.92	86.06	13.30
CDL15_Pgr001534	44229	46054	0.77
CDL15_Pgr001535	44229	46054	0.77
CDL15_Pgr001536	44229	46054	0.77
CDL15_Pgr001539	29099	13850	28642

CDL15_Pgr001619	5281.95	5518.42	3956.91
CDL15_Pgr001623	74.88	73.26	45.38
CDL15_Pgr001627	52.43	56.18	46.12
CDL15_Pgr001628	88.73	87.58	65.82
CDL15_Pgr001632	14.26	17.32	44260
CDL15_Pgr001634	45352	34759	34700
CDL15_Pgr001638	0.79	0.90	0.26
CDL15_Pgr001677	0.22	0.40	0
CDL15_Pgr001689	32051	44297	47362
CDL15_Pgr001697	220.82	382.96	72.21
CDL15_Pgr001722	97.80	107.39	38.88
CDL15_Pgr001756	140.69	196.34	72.35
CDL15_Pgr001839	13.46	13.29	36251
CDL15_Pgr001870	34.51	35.18	24.64
CDL15_Pgr001876	29.48	43.66	28887
CDL15_Pgr001888	13971	14732	33270
CDL15_Pgr001889	20637	44294	11383
CDL15_Pgr001923	42.71	45.38	34.73
CDL15_Pgr001968	31.29	43.82	19.42
CDL15_Pgr001975	0.14	0.13	0
CDL15_Pgr002009	15858	18810	44986
CDL15_Pgr002015	39.57	48.04	16316
CDL15_Pgr002041	27.36	38.14	4.00
CDL15_Pgr002135	0.45	0.71	0
CDL15_Pgr002138	25143	44238	11444
CDL15_Pgr002140	44197	22282	0.41
CDL15_Pgr002153	675.27	819.65	428.39
CDL15_Pgr002182	134.48	145.66	29.85
CDL15_Pgr002189	65.92	69.61	37.36
CDL15_Pgr002229	28185	22341	42370
CDL15_Pgr002231	28672	16619	14336
CDL15_Pgr002254	22402	22402	20090
CDL15_Pgr002296	41.24	45.41	37.33
CDL15_Pgr002339	15.44	15.68	7.00
CDL15_Pgr002376	11536	44209	30742

CDL15_Pgr002395	23.57	25.45	32660
CDL15_Pgr002396	43891	35490	20455
CDL15_Pgr002400	17.41	26.69	25020
CDL15_Pgr002407	29.36	31.53	19.97
CDL15_Pgr002438	283.59	347.37	107.28
CDL15_Pgr002497	0.14	0.26	0
CDL15_Pgr002500	91.61	128.74	55.34
CDL15_Pgr002526	15.61	16.36	47331
CDL15_Pgr002527	38.96	37.70	24.28
CDL15_Pgr002540	46.50	47.94	33.75
CDL15_Pgr002729	81.13	83.57	68.26
CDL15_Pgr002744	14.35	14.48	13.17
CDL15_Pgr002750	32.40	34.41	44430
CDL15_Pgr002765	151.47	165.12	55.43
CDL15_Pgr002803	26.96	40.57	14.72
CDL15_Pgr002805	46.65	52.57	44343
CDL15_Pgr002875	19419	45047	0.13
CDL15_Pgr002881	3.00	19419	33239
CDL15_Pgr002974	21.85	29.89	43191
CDL15_Pgr002977	16.46	14.77	13210
CDL15_Pgr002982	28581	20241	44532
CDL15_Pgr002983	99.53	100.28	97.98
CDL15_Pgr003022	18.32	18.27	17.52
CDL15_Pgr003033	29465	17076	44506
CDL15_Pgr003036	48.14	47.23	39.81
CDL15_Pgr003042	133.52	188.27	47.71
CDL15_Pgr003048	44467	33.06	15.68
CDL15_Pgr003053	35125	45809	21186
CDL15_Pgr003054	14001	15128	16497
CDL15_Pgr003057	35462	44350	0
CDL15_Pgr003065	0.28	0.26	0
CDL15_Pgr003075	140.39	138.33	62.07
CDL15_Pgr003079	22.93	44338	8.00
CDL15_Pgr003120	41699	25628	17168
CDL15_Pgr003141	29465	11263	44203

CDL15_Pgr003186	57.09	70.64	35.75
CDL15_Pgr003192	34486	28277	42826
CDL15_Pgr003194	162.64	194.21	127.42
CDL15_Pgr003218	379.13	426.99	178.41
CDL15_Pgr003227	92.13	109.34	44342
CDL15_Pgr003228	14.81	15.38	25508
CDL15_Pgr003254	52.52	52.56	38.83
CDL15_Pgr003334	14.14	15.64	44420
CDL15_Pgr003345	44397	44370	13.72
CDL15_Pgr003362	14.57	44333	17076
CDL15_Pgr003369	87.04	88.92	76.25
CDL15_Pgr003420	0.42	0.48	0
CDL15_Pgr003421	21582	23468	0
CDL15_Pgr003422	0.88	0.80	0
CDL15_Pgr003444	38.00	39.72	34.38
CDL15_Pgr003446	0.41	0.45	0.24
CDL15_Pgr003461	31778	14642	0.82
CDL15_Pgr003472	32.00	32.95	44460
CDL15_Pgr003499	16.96	17.17	29830
CDL15_Pgr003503	12055	18264	42005
CDL15_Pgr003521	31444	19054	0.52
CDL15_Pgr003564	17.30	22.65	15189
CDL15_Pgr003574	31444	32905	43101
CDL15_Pgr003591	1007.59	981.69	229.17
CDL15_Pgr003599	12479	43556	0
CDL15_Pgr003619	75.40	79.14	49.79
CDL15_Pgr003626	41791	44294	16893
CDL15_Pgr003640	163.85	172.99	141.58
CDL15_Pgr003652	31.74	49.11	42278
CDL15_Pgr003688	44256	44256	0.74
CDL15_Pgr003708	37.86	43.77	44436
CDL15_Pgr003717	42.08	40.46	29.53
CDL15_Pgr003732	27.45	27.59	24.77
CDL15_Pgr003736	47.21	49.83	16.17
CDL15_Pgr003750	530.80	596.80	422.77

CDL15_Pgr003761	34973	43800	18080
CDL15_Pgr003776	44544	15.82	43709
CDL15_Pgr003777	46753	23743	0.48
CDL15_Pgr003780	42767	44593	32874
CDL15_Pgr003785	30164	31321	32234
CDL15_Pgr003787	0.25	0.23	0
CDL15_Pgr003788	31.71	33.67	29.22
CDL15_Pgr003792	31.29	32.98	13.74
CDL15_Pgr003795	49.21	71.09	31656
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CDL15_Pgr003875	86.75	114.31	33.23
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CDL15_Pgr003972	59.27	76.98	15676
CDL15_Pgr003975	12875	25294	0.15
CDL15_Pgr003981	0.71	0.78	0.41
CDL15_Pgr004088	31.78	34.01	44390
CDL15_Pgr004104	43132	25600	14611
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CDL15_Pgr004120	39.67	46.08	25.36
CDL15_Pgr004132	54.69	56.09	41.29
CDL15_Pgr004137	44288	44350	0.09
CDL15_Pgr004141	13119	44423	30529
CDL15_Pgr004171	41821	32690	44412
CDL15_Pgr004172	82.85	82.59	76.88
CDL15_Pgr004174	925.64	855.44	295.17
CDL15_Pgr004261	47.79	50.09	31.68
CDL15_Pgr004265	212.05	216.06	189.88
CDL15_Pgr004294	23621	14855	24990
CDL15_Pgr004318	33270	25965	0.85
CDL15_Pgr004332	15888	15158	30072
CDL15_Pgr004366	15.93	15.14	44321
CDL15_Pgr004367	29.80	44377	17.75
CDL15_Pgr004435	19.57	30.89	44502
CDL15_Pgr004445	18203	25143	44356
CDL15_Pgr004467	78.00	86.86	68.32

CDL15_Pgr004492	0.37	0.50	0
CDL15_Pgr004505	32964	45778	13210
CDL15_Pgr004522	24685	41518	46569
CDL15_Pgr004524	0.16	0.15	0.03
CDL15_Pgr004530	44261	29007	30682
CDL15_Pgr004535	44410	27426	0.99
CDL15_Pgr004556	189.95	250.10	76.71
CDL15_Pgr004562	69.80	80.57	56.62
CDL15_Pgr004618	81.49	96.11	59.57
CDL15_Pgr004657	30.27	32.22	24.94
CDL15_Pgr004686	41760	36312	16862
CDL15_Pgr004692	11841	32660	15401
CDL15_Pgr004772	44208	45627	41883
CDL15_Pgr004803	34366	12875	0.96
CDL15_Pgr004817	36.91	41.05	26.17
CDL15_Pgr004821	104.24	115.04	57.25
CDL15_Pgr004843	18.80	19.30	33635
CDL15_Pgr004894	44416	33420	23774
CDL15_Pgr004937	44519	22.33	44295
CDL15_Pgr004975	288.55	322.86	66.18
CDL15_Pgr005011	249.72	253.64	202.33
CDL15_Pgr005109	65.66	70.51	51.11
CDL15_Pgr005113	23529	22798	19815
CDL15_Pgr005128	44527	38.64	14.20
CDL15_Pgr005152	15.30	18.90	23621
CDL15_Pgr005275	341.69	369.83	309.39
CDL15_Pgr005284	15.50	14.87	45566
CDL15_Pgr005288	53.91	59.31	44.58
CDL15_Pgr005337	21.42	21.15	17.31
CDL15_Pgr005339	0.40	0.54	0
CDL15_Pgr005375	19.49	23.72	31747
CDL15_Pgr005382	88.08	103.11	44390
CDL15_Pgr005407	183.30	250.61	64.95
CDL15_Pgr005412	0.68	0.73	0.38
CDL15_Pgr005441	146.96	172.82	90.06

CDL15_Pgr005446	40.05	43.74	34.04
CDL15_Pgr005462	0.88	0.79	0
CDL15_Pgr005484	30.91	33.88	17.66
CDL15_Pgr005503	24473	44379	0.53
CDL15_Pgr005517	27395	27760	0.70
CDL15_Pgr005524	46935	45901	43221
CDL15_Pgr005525	44206	32782	19906
CDL15_Pgr005529	0.65	0.72	0.56
CDL15_Pgr005536	58.12	59.86	26.64
CDL15_Pgr005598	13.92	16.18	45597
CDL15_Pgr005601	250.13	280.11	183.43
CDL15_Pgr005605	44489	22.70	43040
CDL15_Pgr005615	42156	46235	23012
CDL15_Pgr005636	0.91	17168	0.29
CDL15_Pgr005659	22890	14489	16254
CDL15_Pgr005681	29.84	32.50	19.45
CDL15_Pgr005685	248.34	288.55	148.79
CDL15_Pgr005687	38.70	44.09	26.84
CDL15_Pgr005692	29252	43891	0.40
CDL15_Pgr005711	20455	19360	0.85
CDL15_Pgr005752	27030	24108	0.28
CDL15_Pgr005764	14185	35704	15462
CDL15_Pgr005807	33270	30376	42370
CDL15_Pgr005817	41730	30773	32174
CDL15_Pgr005822	0.33	0.38	0.04
CDL15_Pgr005829	0.90	0.82	0.11
CDL15_Pgr005844	23.86	30.65	14154
CDL15_Pgr005845	59.33	63.41	41.73
CDL15_Pgr005849	44486	18.30	14.70
CDL15_Pgr005859	15401	27820	36161
CDL15_Pgr005882	3690.02	3647.06	1859.78
CDL15_Pgr005890	35.78	37.47	28.89
CDL15_Pgr005895	43831	45292	0.46
CDL15_Pgr005935	41.84	46.35	34.94
CDL15_Pgr005956	22.77	24.19	28825

CDL15_Pgr005990	33512	24777	46874
CDL15_Pgr006008	253.51	319.74	173.04
CDL15_Pgr006014	31.31	31.55	28.76
CDL15_Pgr006031	36220	34820	44379
CDL15_Pgr006058	44446	46935	0.50
CDL15_Pgr006114	22313	44533	36161
CDL15_Pgr006159	0.97	42005	0.38
CDL15_Pgr006236	490.83	771.07	165.24
CDL15_Pgr006256	194.20	254.38	102.11
CDL15_Pgr006312	0.11	0.14	0
CDL15_Pgr006362	39.64	48.74	21.37
CDL15_Pgr006371	44593	44532	0.91
CDL15_Pgr006380	24381	29129	20333
CDL15_Pgr006423	34639	44544	31594
CDL15_Pgr006433	15311	13.27	12359
CDL15_Pgr006470	32843	32112	44354
CDL15_Pgr006477	28.84	30.95	44362
CDL15_Pgr006480	31.25	32.09	25.55
CDL15_Pgr006501	26.76	30.65	15158
CDL15_Pgr006522	53.73	67.30	40.17
CDL15_Pgr006530	18384	13728	29252
CDL15_Pgr006549	0.44	0.44	0.30
CDL15_Pgr006591	21.32	24.13	17.89
CDL15_Pgr006614	17.64	18.84	44835
CDL15_Pgr006630	476.00	665.95	168.91
CDL15_Pgr006640	25689	35947	19085
CDL15_Pgr006662	43983	22433	45717
CDL15_Pgr006685	44473	15797	15401
CDL15_Pgr006738	43862	20852	0.89
CDL15_Pgr006766	18.68	24.40	6.00
CDL15_Pgr006781	17.77	19.95	44327
CDL15_Pgr006841	23743	26299	44470
CDL15_Pgr006860	0.30	0.28	0.08
CDL15_Pgr006862	0.32	0.35	0.14
CDL15_Pgr006878	22.79	22.71	18.22

CDL15_Pgr006886	63.18	84.56	40.66
CDL15_Pgr006903	14.66	14.59	35916
CDL15_Pgr006912	77.43	85.46	67.09
CDL15_Pgr006969	417.12	479.59	231.18
CDL15_Pgr006974	239.90	250.28	125.71
CDL15_Pgr006979	30.27	38.70	22.61
CDL15_Pgr007011	17.97	18.74	15.85
CDL15_Pgr007012	37.38	41.60	21.16
CDL15_Pgr007030	47.07	60.50	32.10
CDL15_Pgr007049	85.86	88.54	70.80
CDL15_Pgr007066	11536	13759	20515
CDL15_Pgr007089	27.45	32.45	14.92
CDL15_Pgr007099	27.14	27.30	44402
CDL15_Pgr007118	78.69	78.76	49.27
CDL15_Pgr007128	44445	45809	0.34
CDL15_Pgr007133	26.90	29.93	23.41
CDL15_Pgr007159	21367	21429	35125
CDL15_Pgr007185	15.89	21.88	41913
CDL15_Pgr007219	32.69	42.46	18.29
CDL15_Pgr007236	18295	19756	2.00
CDL15_Pgr007249	36161	16834	0.77
CDL15_Pgr007313	20029	13.25	14642
CDL15_Pgr007316	44484	16.92	26177
CDL15_Pgr007362	43831	13150	0
CDL15_Pgr007376	48.46	78.81	44488
CDL15_Pgr007377	142.29	135.14	30.46
CDL15_Pgr007406	33.42	33.90	44307
CDL15_Pgr007409	0.80	45292	0
CDL15_Pgr007426	19146	30103	44348
CDL15_Pgr007445	12.00	44267	0.30
CDL15_Pgr007468	29.78	30.43	26.20
CDL15_Pgr007539	13.30	13.80	17472
CDL15_Pgr007551	15220	46266	44294
CDL15_Pgr007557	43891	32933	20486
CDL15_Pgr007580	0.57	0.86	0.27

CDL15_Pgr007583	0.57	0.86	0.27
CDL15_Pgr007618	19.30	23.77	14093
CDL15_Pgr007619	56.84	57.58	29.92
CDL15_Pgr007644	2.00	14642	18629
CDL15_Pgr007654	22555	13058	42948
CDL15_Pgr007662	23316	31352	27973
CDL15_Pgr007670	674.07	891.94	458.17
CDL15_Pgr007704	44435	27.80	17.60
CDL15_Pgr007709	125.77	122.65	35.09
CDL15_Pgr007718	29.46	32.04	22.82
CDL15_Pgr007741	44257	18660	0.81
CDL15_Pgr007764	21.92	25.52	16.24
CDL15_Pgr007778	19.61	44221	44544
CDL15_Pgr007786	0.40	0.47	0.22
CDL15_Pgr007790	25355	43313	42856
CDL15_Pgr007819	0.47	0.65	0.31
CDL15_Pgr007835	33604	24139	41275
CDL15_Pgr007857	43.75	50.07	32.71
CDL15_Pgr007905	13697	35309	17227
CDL15_Pgr007924	71.72	98.80	44304
CDL15_Pgr007949	44333	17.85	21641
CDL15_Pgr007996	14.72	13.76	13912
CDL15_Pgr007999	45839	23316	17899
CDL15_Pgr008004	0.52	0.46	0
CDL15_Pgr008089	0.90	0.92	0.14
CDL15_Pgr008161	56.48	63.80	24.47
CDL15_Pgr008167	21.73	23.66	36465
CDL15_Pgr008187	27485	20911	46447
CDL15_Pgr008213	44323	44537	24563
CDL15_Pgr008235	25750	44478	41791
CDL15_Pgr008365	90.41	96.61	77.19
CDL15_Pgr008416	44388	15.72	11414
CDL15_Pgr008422	18323	30773	43132
CDL15_Pgr008425	107.44	130.47	72.95
CDL15_Pgr008431	77.80	83.19	44219

CDL15_Pgr008474	42614	33482	44507
CDL15_Pgr008496	302.96	325.30	227.74
CDL15_Pgr008511	45170	44540	11536
CDL15_Pgr008521	11628	33208	46419
CDL15_Pgr008541	14702	35855	0.70
CDL15_Pgr008546	24838	34366	0.52
CDL15_Pgr008562	15.51	19.89	25781
CDL15_Pgr008586	774.75	809.02	505.78
CDL15_Pgr008598	18080	19937	44682
CDL15_Pgr008619	42.39	52.03	32.25
CDL15_Pgr008677	702.54	986.45	441.52
CDL15_Pgr008733	13.81	14.13	21794
CDL15_Pgr008763	0.61	44409	0
CDL15_Pgr008780	67.03	63.27	44313
CDL15_Pgr008801	0.92	41275	0.23
CDL15_Pgr008809	47.73	48.71	14855
CDL15_Pgr008836	115.85	146.36	48.69
CDL15_Pgr008845	13.26	13.64	20729
CDL15_Pgr008853	0.86	0.90	0.72
CDL15_Pgr008869	131.53	131.87	128.55
CDL15_Pgr008884	52.38	57.39	40.36
CDL15_Pgr008887	166.45	178.87	142.94
CDL15_Pgr008890	11293	15.45	35186
CDL15_Pgr008915	37.70	39.65	32.05
CDL15_Pgr008951	19.36	24.43	44896
CDL15_Pgr008970	58.60	66.98	44.95
CDL15_Pgr008971	0.64	0.64	0.33
CDL15_Pgr008988	16.50	17.29	27699
CDL15_Pgr008991	28.44	34.95	21.54
CDL15_Pgr009027	58.88	59.54	39.19
CDL15_Pgr009043	18.28	17.36	46600
CDL15_Pgr009053	160.06	158.49	24.93
CDL15_Pgr009069	22.80	32.62	41579
CDL15_Pgr009084	233.70	250.01	145.63
CDL15_Pgr009110	14.16	17.39	22160

CDL15_Pgr009232	96.80	98.61	87.53
CDL15_Pgr009238	0.86	23743	0
CDL15_Pgr009240	13.93	13.66	15554
CDL15_Pgr009366	32.06	30.27	15.19
CDL15_Pgr009412	57.94	63.20	49.09
CDL15_Pgr009432	47.29	54.20	34.89
CDL15_Pgr009451	16377	13.15	27485
CDL15_Pgr009482	0.71	0.89	0.41
CDL15_Pgr009491	29.58	35.86	44487
CDL15_Pgr009539	25.26	31.02	32843
CDL15_Pgr009556	508.32	554.76	343.38
CDL15_Pgr009561	44442	24198	45658
CDL15_Pgr009591	151.29	236.76	58.46
CDL15_Pgr009606	0.73	0.88	0.50
CDL15_Pgr009620	63.07	70.70	48.26
CDL15_Pgr009674	51.55	51.36	47.80
CDL15_Pgr009690	53.55	56.51	44538
CDL15_Pgr009703	110.94	130.72	59.92
CDL15_Pgr009704	24.35	42.92	31809
CDL15_Pgr009723	53.26	51.02	32.14
CDL15_Pgr009731	23.16	23.33	13.68
CDL15_Pgr009738	45658	15707	0.35
CDL15_Pgr009757	13302	21306	0
CDL15_Pgr009777	17.15	17.27	13.57
CDL15_Pgr009844	0.35	0.32	0.07
CDL15_Pgr009860	28.47	29.94	21.91
CDL15_Pgr009872	35065	14277	47119
CDL15_Pgr009881	16.67	21.60	46296
CDL15_Pgr009882	33543	15.78	43313
CDL15_Pgr009944	366.31	383.83	165.07
CDL15_Pgr010043	279.92	301.16	261.06
CDL15_Pgr010047	0.13	0.18	0.02
CDL15_Pgr010186	42.78	47.18	30.33
CDL15_Pgr010187	123.23	148.83	97.31
CDL15_Pgr010277	330.92	344.96	241.75

CDL15_Pgr010312	0.24	0.44	0
CDL15_Pgr010324	1616.91	1843.01	1379.09
CDL15_Pgr010342	103.43	109.30	91.33
CDL15_Pgr010350	791.46	881.96	486.48
CDL15_Pgr010374	184.42	175.82	53.47
CDL15_Pgr010435	334.17	447.38	214.58
CDL15_Pgr010465	63.65	81.19	46.52
CDL15_Pgr010517	35.81	34.44	44652
CDL15_Pgr010539	56.64	56.20	32.45
CDL15_Pgr010540	45717	46478	27030
CDL15_Pgr010549	22.93	44340	17.84
CDL15_Pgr010584	29587	31778	18994
CDL15_Pgr010585	243.39	275.12	162.45
CDL15_Pgr010603	266.77	267.27	218.89
CDL15_Pgr010614	0.63	0.76	0
CDL15_Pgr010644	17.51	16.33	32264
CDL15_Pgr010730	24838	27030	0
CDL15_Pgr010738	0.52	0.47	0.08
CDL15_Pgr010766	44.80	47.03	44432
CDL15_Pgr010841	191.59	186.48	101.31
CDL15_Pgr010850	100.09	102.03	69.23
CDL15_Pgr010877	62.95	64.97	35.48
CDL15_Pgr010890	697.36	702.07	604.56
CDL15_Pgr010908	30926	16.43	44317
CDL15_Pgr010919	44285	37.30	14.78
CDL15_Pgr010944	0.09	0.12	0
CDL15_Pgr010987	46905	46966	0.88
CDL15_Pgr011044	44474	14001	21947
CDL15_Pgr011048	23.25	22.98	32478
CDL15_Pgr011101	30.75	38.20	23.97
CDL15_Pgr011109	41275	44197	0.83
CDL15_Pgr011132	28491	32143	44440
CDL15_Pgr011138	0.31	0.28	0
CDL15_Pgr011168	164.08	172.01	90.25
CDL15_Pgr011177	45.62	57.86	31.85

CDL15_Pgr011204	44287	45658	0.45
CDL15_Pgr011215	13.74	13.98	27030
CDL15_Pgr011217	39.74	41.58	34.84
CDL15_Pgr011227	40.12	43.83	11536
CDL15_Pgr011277	62.28	100.34	17838
CDL15_Pgr011306	194.86	252.93	105.41
CDL15_Pgr011338	24.95	27.32	16.78
CDL15_Pgr011340	20.48	25.25	14.63
CDL15_Pgr011357	97.78	100.60	87.62
CDL15_Pgr011361	36.19	54.53	34943
CDL15_Pgr011371	128.65	135.38	66.55
CDL15_Pgr011376	111.79	116.86	68.89
CDL15_Pgr011378	16.69	17.41	15.28
CDL15_Pgr011393	14458	35643	30498
CDL15_Pgr011409	33147	13.61	8.00
CDL15_Pgr011423	44497	44227	23.36
CDL15_Pgr011427	28.58	34.79	44552
CDL15_Pgr011430	25.56	24.38	27668
CDL15_Pgr011437	379.83	416.46	292.55
CDL15_Pgr011440	44444	44445	17227
CDL15_Pgr011473	16.46	18.88	19299
CDL15_Pgr011502	119.54	119.57	78.15
CDL15_Pgr011555	60.13	65.82	44221
CDL15_Pgr011614	74.95	78.41	60.31
CDL15_Pgr011711	0.62	0.69	0
CDL15_Pgr011747	0.42	0.44	0.05
CDL15_Pgr011748	21.32	24.99	42278
CDL15_Pgr011765	44493	27.18	44301
CDL15_Pgr011831	754.33	747.17	583.16
CDL15_Pgr011837	45.07	61.17	30.28
CDL15_Pgr011866	1669.68	2052.47	403.09
CDL15_Pgr011868	39.78	43.64	34.65
CDL15_Pgr011876	202.56	234.19	130.74
CDL15_Pgr011926	363.24	374.50	333.94
CDL15_Pgr011958	0.48	0.58	0.16

CDL15_Pgr011975	30682	19025	0.52
CDL15_Pgr011995	0.74	10959	0.09
CDL15_Pgr012021	44287	16163	32203
CDL15_Pgr012028	406.58	390.62	282.53
CDL15_Pgr012057	46.40	47.91	37.48
CDL15_Pgr012063	15.91	18.00	44449
CDL15_Pgr012087	522.30	540.39	449.05
CDL15_Pgr012121	1073.56	1277.23	721.64
CDL15_Pgr012132	16469	35096	0
CDL15_Pgr012151	72.84	91.28	52.58
CDL15_Pgr012165	44229	33239	0.80
CDL15_Pgr012224	23408	43556	44228
CDL15_Pgr012237	63.28	73.91	49.79
CDL15_Pgr012466	0.37	0.54	0
CDL15_Pgr012507	56.95	86.98	30.32
CDL15_Pgr012530	34.20	33.21	15.22
CDL15_Pgr012534	48.73	59.27	26.00
CDL15_Pgr012607	0.10	0.19	0
CDL15_Pgr012696	39.30	53.91	14.24
CDL15_Pgr012733	31138	29707	43160
CDL15_Pgr012757	103.33	158.01	26.22
CDL15_Pgr012768	44.93	51.62	24.19
CDL15_Pgr012841	22.21	21.58	16.84
CDL15_Pgr012846	44415	15493	34335
CDL15_Pgr012858	13150	26299	0.34
CDL15_Pgr012986	0.70	0.74	0
CDL15_Pgr012993	0.91	0.91	0
CDL15_Pgr013021	99.22	119.17	80.30
CDL15_Pgr013027	188.63	184.71	157.50
CDL15_Pgr013094	19360	42795	0
CDL15_Pgr013113	44224	30.75	20.79
CDL15_Pgr013155	377.00	360.69	202.81
CDL15_Pgr013199	0.24	0.27	0
CDL15_Pgr013259	13.39	14.17	21732
CDL15_Pgr013264	42.86	47.96	37.18

CDL15_Pgr013281	760.53	738.95	552.22
CDL15_Pgr013302	42.60	40.71	25.53
CDL15_Pgr013337	22.33	27.34	14.16
CDL15_Pgr013371	188.41	207.30	138.82
CDL15_Pgr013422	30256	44360	11140
CDL15_Pgr013423	77.75	79.04	52.40
CDL15_Pgr013441	27334	15.79	47178
CDL15_Pgr013444	54.58	70.63	23.14
CDL15_Pgr013447	21610	12510	19725
CDL15_Pgr013451	22.26	21.94	13.56
CDL15_Pgr013492	74.32	82.46	40.43
CDL15_Pgr013510	43617	45078	46508
CDL15_Pgr013553	37.65	38.85	18.23
CDL15_Pgr013657	22.92	25.29	18.68
CDL15_Pgr013676	21.50	24.30	13.18
CDL15_Pgr013697	26724	25263	11689
CDL15_Pgr013732	44283	44286	18.43
CDL15_Pgr013756	44.20	49.12	36.04
CDL15_Pgr013786	0.52	0.62	0
CDL15_Pgr013801	20.95	44522	17.25
CDL15_Pgr013824	21337	36312	44409
CDL15_Pgr013826	35156	45413	44473
CDL15_Pgr013869	0.53	0.57	0.04
CDL15_Pgr013871	44477	44386	46813
CDL15_Pgr013881	0.83	43466	0
CDL15_Pgr013904	67.25	81.21	42.34
CDL15_Pgr013913	123.65	150.36	78.29
CDL15_Pgr013945	43831	15707	0.72
CDL15_Pgr013983	44318	45689	30682
CDL15_Pgr014033	130.55	132.84	91.22
CDL15_Pgr014035	69.47	67.98	41.33
CDL15_Pgr014049	40.93	47.64	44543
CDL15_Pgr014058	36.28	37.57	24.40
CDL15_Pgr014059	0.30	0.32	0.10
CDL15_Pgr014078	0.83	44348	0.24

CDL15_Pgr014102	36.46	36.69	44438
CDL15_Pgr014114	58.38	64.21	49.31
CDL15_Pgr014236	52.51	56.27	42.54
CDL15_Pgr014240	26.88	24.98	44324
CDL15_Pgr014273	142.34	163.39	101.43
CDL15_Pgr014296	56.62	70.17	24654
CDL15_Pgr014324	123.16	158.26	72.06
CDL15_Pgr014332	308.89	319.29	284.94
CDL15_Pgr014377	34.42	39.66	28.79
CDL15_Pgr014383	13.43	15.23	18415
CDL15_Pgr014385	97.58	112.58	78.35
CDL15_Pgr014418	1490.00	2006.71	734.11
CDL15_Pgr014449	21.45	24.54	29160
CDL15_Pgr014452	20576	14032	0.89
CDL15_Pgr014474	21.16	22.53	14.47
CDL15_Pgr014480	44551	20.90	44483
CDL15_Pgr014518	35827	25628	12451
CDL15_Pgr014550	22767	9.00	44501
CDL15_Pgr014556	34608	46357	20486
CDL15_Pgr014563	47.02	51.53	42.02
CDL15_Pgr014573	112.67	121.03	90.47
CDL15_Pgr014594	135.23	141.68	99.32
CDL15_Pgr014614	41.49	42.40	29.48
CDL15_Pgr014617	44835	18902	24228
CDL15_Pgr014649	73.83	70.62	37.71
CDL15_Pgr014651	15342	23377	0.18
CDL15_Pgr014670	17593	44473	23408
CDL15_Pgr014685	891.12	895.47	675.56
CDL15_Pgr014701	56.14	67.64	36.04
CDL15_Pgr014767	11689	20090	0.90
CDL15_Pgr014773	28.99	30.80	18507
CDL15_Pgr014799	74.22	90.49	51.33
CDL15_Pgr014823	23377	41671	0.27
CDL15_Pgr014899	19784	26785	16072
CDL15_Pgr014916	91.41	91.12	84.12

CDL15_Pgr014918	13.92	15.63	46569
CDL15_Pgr014940	11720	20486	32874
CDL15_Pgr014952	32.93	33.94	24.19
CDL15_Pgr014978	44.79	50.43	17.25
CDL15_Pgr014990	245.03	246.11	200.66
CDL15_Pgr015014	38.62	45.18	30.31
CDL15_Pgr015065	92.45	107.62	78.24
CDL15_Pgr015141	72.95	95.12	52.27
CDL15_Pgr015169	30164	30926	32964
CDL15_Pgr015196	11018	30376	0
CDL15_Pgr015236	221.85	214.18	155.33
CDL15_Pgr015241	18507	15.14	18354
CDL15_Pgr015253	0.89	0.78	0
CDL15_Pgr015257	133.06	132.09	118.78
CDL15_Pgr015267	44543	13.52	29495
CDL15_Pgr015271	107.54	110.74	70.11
CDL15_Pgr015282	0.34	0.32	0.07
CDL15_Pgr015286	0.30	0.47	0.07
CDL15_Pgr015316	35217	12236	35855
CDL15_Pgr015320	126.69	122.53	37.77
CDL15_Pgr015346	144.57	154.46	129.45
CDL15_Pgr015362	71.56	66.86	14.22
CDL15_Pgr015372	74.80	88.81	43.44
CDL15_Pgr015373	35674	35339	34486
CDL15_Pgr015384	25.52	31.16	18.23
CDL15_Pgr015399	0.21	0.37	0
CDL15_Pgr015401	59.65	72.34	30.02
CDL15_Pgr015448	44505	19906	0
CDL15_Pgr015502	21916	30317	0.78
CDL15_Pgr015505	44.25	44.91	34.00
CDL15_Pgr015516	373.28	381.76	197.31
CDL15_Pgr015518	19391	44319	0.57
CDL15_Pgr015528	905.46	874.63	617.57
CDL15_Pgr015534	44257	18660	0.81
CDL15_Pgr015580	21.39	19.74	46113

CDL15_Pgr015584	15676	27364	22586
CDL15_Pgr015585	0.18	0.16	0
CDL15_Pgr015604	87.51	128.56	21490
CDL15_Pgr015605	24.24	23.24	28825
CDL15_Pgr015653	58.97	64.35	47.58
CDL15_Pgr015705	32874	11720	14246
CDL15_Pgr015717	147.73	140.33	88.90
CDL15_Pgr015724	71.68	74.22	33.26
CDL15_Pgr015735	23012	27395	0.76
CDL15_Pgr015752	38.78	51.42	23.48
CDL15_Pgr015756	0.19	0.18	0
CDL15_Pgr015769	1866.52	1972.20	194.23
CDL15_Pgr015775	19725	17168	0.21
CDL15_Pgr015784	246.53	244.40	168.29
CDL15_Pgr015785	207.86	212.00	171.82
CDL15_Pgr015789	48.93	56.16	42.47
CDL15_Pgr015828	28095	13.76	34486
CDL15_Pgr015847	17.66	44304	16.54
CDL15_Pgr015878	35278	12298	43647
CDL15_Pgr015881	0.26	0.24	0
CDL15_Pgr015883	44226	40.18	28795
CDL15_Pgr015886	23.13	31.26	16346
CDL15_Pgr015918	106.67	110.56	62.48
CDL15_Pgr015940	14.14	15.80	18233
CDL15_Pgr015945	43.88	49.81	28.19
CDL15_Pgr015964	29068	44541	33695
CDL15_Pgr015972	0.23	0.27	0.06
CDL15_Pgr015982	44376	38.35	17.41
CDL15_Pgr015993	29618	33270	19391
CDL15_Pgr016004	15738	31079	28856
CDL15_Pgr016014	265.25	259.97	215.04
CDL15_Pgr016023	0.97	44256	0.18
CDL15_Pgr016093	137.92	157.09	107.04
CDL15_Pgr016095	46784	29252	44287
CDL15_Pgr016104	31413	44228	0.76

CDL15_Pgr016117	167.23	222.77	90.00
CDL15_Pgr016137	14.63	15.22	34213
CDL15_Pgr016138	44300	14.59	15615
CDL15_Pgr016207	94.86	100.05	75.22
CDL15_Pgr016214	18872	15.97	22313
CDL15_Pgr016226	97.76	96.71	84.13
CDL15_Pgr016265	75.65	83.88	43.74
CDL15_Pgr016291	0.26	0.48	0
CDL15_Pgr016295	0.37	0.33	0
CDL15_Pgr016316	0.16	0.17	0.05
CDL15_Pgr016328	19.35	44334	35855
CDL15_Pgr016381	286.40	293.40	219.30
CDL15_Pgr016393	44507	12267	11780
CDL15_Pgr016407	44321	11475	30011
CDL15_Pgr016410	29037	11597	0
CDL15_Pgr016454	208.87	204.86	61.13
CDL15_Pgr016456	17.39	17.20	24412
CDL15_Pgr016469	44805	13.68	22341
CDL15_Pgr016520	30256	30225	0.47
CDL15_Pgr016590	14977	25934	0.64
CDL15_Pgr016600	108.19	118.95	54.82
CDL15_Pgr016612	44295	44238	44229
CDL15_Pgr016723	47150	44350	0.43
CDL15_Pgr016760	12905	21337	44532
CDL15_Pgr016763	0.52	0.55	0
CDL15_Pgr016803	14.57	18.86	44835
CDL15_Pgr016834	62.94	74.33	43.68
CDL15_Pgr016836	44470	32143	0.27
CDL15_Pgr016904	27242	21824	16193
CDL15_Pgr016917	217.66	227.33	200.92
CDL15_Pgr016935	22007	5.00	46813
CDL15_Pgr016960	56.09	60.48	23.65
CDL15_Pgr017062	0.67	0.69	0.24
CDL15_Pgr017066	26.16	34.15	26299
CDL15_Pgr017117	44323	11232	42795

CDL15_Pgr017142	134.49	145.56	75.78
CDL15_Pgr017168	266.18	286.58	185.45
CDL15_Pgr017175	44201	30072	18323
CDL15_Pgr017178	13.88	14.72	22586
CDL15_Pgr017198	47.79	50.52	36.08
CDL15_Pgr017217	19.16	22.96	15.38
CDL15_Pgr017244	22402	18749	30376
CDL15_Pgr017325	365.47	386.99	197.90
CDL15_Pgr017332	15401	18719	44287
CDL15_Pgr017352	0.29	0.31	0.04
CDL15_Pgr017417	74.00	73.39	56.90
CDL15_Pgr017450	48.00	47.96	43.20
CDL15_Pgr017468	32782	42675	18415
CDL15_Pgr017494	20.53	20.77	18902
CDL15_Pgr017517	0.34	0.36	0.22
CDL15_Pgr017518	17.66	24.91	34213
CDL15_Pgr017526	32.65	47.78	21398
CDL15_Pgr017529	13.86	13.73	12966
CDL15_Pgr017541	0.24	0.22	0
CDL15_Pgr017560	20.27	19.61	12997
CDL15_Pgr017598	44348	44317	0.30
CDL15_Pgr017643	13.84	14.21	11383
CDL15_Pgr017661	26420	42186	44652
CDL15_Pgr017680	36465	22616	26573
CDL15_Pgr017723	29342	15827	0.70
CDL15_Pgr017724	18354	16163	17227
CDL15_Pgr017736	58.88	59.62	46.94
CDL15_Pgr017751	153.02	168.47	137.87
CDL15_Pgr017763	26.96	29.00	15.97
CDL15_Pgr017792	32203	43983	16803
CDL15_Pgr017799	44531	21186	0.10
CDL15_Pgr017829	44357	44387	23071
CDL15_Pgr017845	23.41	24.99	19.28
CDL15_Pgr017851	13.83	13.93	13.52
CDL15_Pgr017856	187.54	251.08	125.47

CDL15_Pgr017866	26.25	31.38	0.78
CDL15_Pgr017868	13.92	19.37	0.27
CDL15_Pgr017869	10959	10959	0
CDL15_Pgr017877	15766	18688	43497
CDL15_Pgr017911	20.95	20.52	15.88
CDL15_Pgr017912	76.10	77.69	65.88
CDL15_Pgr017930	44379	44349	0.74
CDL15_Pgr017935	44326	12693	44294
CDL15_Pgr017937	59.65	71.44	46.90
CDL15_Pgr018015	0.17	0.21	0.05
CDL15_Pgr018054	25.26	25.67	13.49
CDL15_Pgr018057	23924	14093	44291
CDL15_Pgr018092	15008	43862	0.68
CDL15_Pgr018096	14154	27668	15158
CDL15_Pgr018123	32.38	34.76	22.26
CDL15_Pgr018144	23.64	23.88	19.60
CDL15_Pgr018158	29.85	36.50	43525
CDL15_Pgr018174	21.67	22.42	20.30
CDL15_Pgr018177	30.22	30.65	23.23
CDL15_Pgr018206	86.37	99.20	56.85
CDL15_Pgr018208	17.66	17.32	13.92
CDL15_Pgr018209	18415	31929	44258
CDL15_Pgr018254	32540	44380	0.85
CDL15_Pgr018279	175.60	231.74	108.63
CDL15_Pgr018301	76.20	88.42	19.71
CDL15_Pgr018311	32.66	36.71	13.60
CDL15_Pgr018314	133.42	163.26	92.59
CDL15_Pgr018328	15373	28887	44256
CDL15_Pgr018338	44341	44280	22.51
CDL15_Pgr018347	74.84	73.45	45.28
CDL15_Pgr018375	0.33	0.40	0
CDL15_Pgr018414	0.20	0.25	0
CDL15_Pgr018505	73.40	75.31	58.04
CDL15_Pgr018514	44471	17564	19725
CDL15_Pgr018548	20852	31079	0.91

CDL15_Pgr018552	35947	25020	44292
CDL15_Pgr018566	311.23	305.51	87.38
CDL15_Pgr018568	1083.89	1010.08	280.20
CDL15_Pgr018585	16254	19176	26024
CDL15_Pgr018591	0.84	42370	0.46
CDL15_Pgr018619	2374.95	2411.16	1485.39
CDL15_Pgr018670	29.80	33.79	19.18
CDL15_Pgr018671	111.52	129.23	39.53
CDL15_Pgr018675	0.94	44317	0.46
CDL15_Pgr018712	123.51	131.35	94.06
CDL15_Pgr018726	30803	44507	28126
CDL15_Pgr018730	147.00	147.62	143.65
CDL15_Pgr018746	20.23	27.35	34213
CDL15_Pgr018759	46753	11324	0.77
CDL15_Pgr018761	44439	41.46	20.53
CDL15_Pgr018772	144.41	178.75	111.57
CDL15_Pgr018798	13150	44198	0.66
CDL15_Pgr018803	343.63	352.35	210.31
CDL15_Pgr018808	13850	35735	34731
CDL15_Pgr018819	44431	25.39	18.80
CDL15_Pgr018840	43.11	41.70	22.80
CDL15_Pgr018929	83.19	95.27	54.60
CDL15_Pgr018955	20852	24504	26665
CDL15_Pgr018974	44531	14.52	42887
CDL15_Pgr019004	44397	21.64	16.24
CDL15_Pgr019081	0.61	0.64	0.30
CDL15_Pgr019091	115.54	121.32	101.45
CDL15_Pgr019118	31.35	31.47	23.84
CDL15_Pgr019121	239.04	245.13	143.48
CDL15_Pgr019137	29618	29983	33604
CDL15_Pgr019143	15.47	44304	11263
CDL15_Pgr019181	13971	45383	0.33
CDL15_Pgr019193	54.78	58.98	50.58
CDL15_Pgr019206	28.45	31.18	19.34
CDL15_Pgr019272	291.46	373.66	211.57

CDL15_Pgr019312	114.66	128.53	73.00
CDL15_Pgr019317	45.56	52.16	39.57
CDL15_Pgr019321	28915	20180	0.65
CDL15_Pgr019330	176.46	214.67	139.27
CDL15_Pgr019331	18994	30317	0.08
CDL15_Pgr019371	154.21	164.30	142.20
CDL15_Pgr019395	19299	12724	44205
CDL15_Pgr019410	77.99	77.88	73.08
CDL15_Pgr019414	13.85	44242	14458
CDL15_Pgr019462	44231	27820	0.87
CDL15_Pgr019472	29.49	38.19	44263
CDL15_Pgr019475	21.95	27.94	14.99
CDL15_Pgr019532	0.19	0.21	0.07
CDL15_Pgr019536	0.22	0.27	0
CDL15_Pgr019547	19.51	19.47	44422
CDL15_Pgr019553	4.00	25294	19756
CDL15_Pgr019598	45474	25385	23529
CDL15_Pgr019614	21.54	23.53	20729
CDL15_Pgr019615	1590.69	1519.59	879.15
CDL15_Pgr019681	151.23	147.96	50.46
CDL15_Pgr019716	18994	19756	0.50
CDL15_Pgr019779	36192	42430	23043
CDL15_Pgr019792	16.56	32.86	44532
CDL15_Pgr019807	44333	23.52	12997
CDL15_Pgr019828	242.25	249.13	184.59
CDL15_Pgr019879	28.82	31.16	21.62
CDL15_Pgr019888	28.58	30.34	24.54
CDL15_Pgr019921	44406	36.04	16.34
CDL15_Pgr019931	0.28	0.33	0.17
CDL15_Pgr019940	42.85	45.02	36.37
CDL15_Pgr019975	47.36	48.06	43.73
CDL15_Pgr019977	0.56	0.58	0.45
CDL15_Pgr019978	35643	25051	32994
CDL15_Pgr019987	0.19	0.23	0
CDL15_Pgr020051	268.80	273.77	260.66

CDL15_Pgr020055	347.43	374.38	266.72
CDL15_Pgr020070	0.10	0.09	0
CDL15_Pgr020073	23193	34516	46874
CDL15_Pgr020088	23.34	30.66	27699
CDL15_Pgr020105	0.91	0.83	0
CDL15_Pgr020112	284.75	378.23	96.70
CDL15_Pgr020120	161.67	167.25	93.24
CDL15_Pgr020121	65.15	61.33	33.81
CDL15_Pgr020127	226.37	218.21	74.81
CDL15_Pgr020171	17.87	19.14	41579
CDL15_Pgr020186	44444	32264	44532
CDL15_Pgr020190	16.39	18.54	13.42
CDL15_Pgr020198	262.55	280.17	131.37
CDL15_Pgr020208	95.11	144.43	45.14
CDL15_Pgr020226	45962	24047	26115
CDL15_Pgr020250	91.34	94.08	61.95
CDL15_Pgr020252	22068	41456	19419
CDL15_Pgr020257	21.57	24.19	16.91
CDL15_Pgr020269	18568	44866	17685
CDL15_Pgr020291	18.22	22.51	14.15
CDL15_Pgr020321	110.75	121.71	88.76
CDL15_Pgr020325	28216	13271	12086
CDL15_Pgr020339	44505	34455	29281
CDL15_Pgr020341	13.41	15.19	26177
CDL15_Pgr020345	29799	14.26	35065
CDL15_Pgr020347	0.21	0.28	0
CDL15_Pgr020434	20.24	20.44	21155
CDL15_Pgr020476	19.44	22.86	13.72
CDL15_Pgr020485	33.42	48.20	13.90
CDL15_Pgr020492	18019	16954	17533
CDL15_Pgr020521	27485	44413	18264
CDL15_Pgr020560	36.02	39.96	31.96
CDL15_Pgr020581	474.96	443.97	233.94
CDL15_Pgr020621	35916	44414	24139
CDL15_Pgr020645	11383	15036	0.11

CDL15_Pgr020725	154.46	149.70	67.42
CDL15_Pgr020752	0.30	0.34	0.15
CDL15_Pgr020754	33.82	36.73	14.69
CDL15_Pgr020792	0.29	0.39	0
CDL15_Pgr020887	66.77	76.87	38.91
CDL15_Pgr020906	13424	17107	16558
CDL15_Pgr020915	20121	23043	13150
CDL15_Pgr020959	64.26	65.53	50.01
CDL15_Pgr020974	0.97	0.89	0.07
CDL15_Pgr021022	46.72	56.50	21.93
CDL15_Pgr021029	13.95	13.22	35186
CDL15_Pgr021032	0.17	0.16	0.05
CDL15_Pgr021132	18.48	44427	45017
CDL15_Pgr021133	58.67	68.68	18.96
CDL15_Pgr021171	0.26	0.49	0
CDL15_Pgr021246	15.50	14.75	19176
CDL15_Pgr021264	41548	34608	47239
CDL15_Pgr021299	240.13	322.56	123.68
CDL15_Pgr021342	25.86	28.17	41579
CDL15_Pgr021389	171.63	168.59	110.23
CDL15_Pgr021433	11628	41944	13028
CDL15_Pgr021449	188.64	234.95	86.90
CDL15_Pgr021456	13.37	44550	46447
CDL15_Pgr021465	17.79	44244	44357
CDL15_Pgr021487	284.04	279.88	196.99
CDL15_Pgr021524	59.91	67.20	45.73
CDL15_Pgr021566	17.84	18.60	44240
CDL15_Pgr021567	32.53	31.79	17502
CDL15_Pgr021598	34790	30407	27791
CDL15_Pgr021643	44351	41730	11018
CDL15_Pgr021665	42.72	48.28	33.28
CDL15_Pgr021666	153.04	150.57	58.19
CDL15_Pgr021730	44268	14.40	29526
CDL15_Pgr021757	19.60	44305	35278
CDL15_Pgr021791	0.29	0.49	0

CDL15_Pgr021830	24.29	23.79	15.17
CDL15_Pgr021854	32540	25965	0.52
CDL15_Pgr021855	36130	15.21	13424
CDL15_Pgr021858	31321	46327	44206
CDL15_Pgr021862	94.57	103.01	82.39
CDL15_Pgr021901	42.92	44.28	40.25
CDL15_Pgr022078	23193	26846	16834
CDL15_Pgr022081	46.18	51.41	38.21
CDL15_Pgr022151	30376	29646	16497
CDL15_Pgr022157	35735	15.95	11140
CDL15_Pgr022236	51.15	52.92	35.23
CDL15_Pgr022237	14032	44355	21976
CDL15_Pgr022281	16.00	19.23	22160
CDL15_Pgr022282	13606	43922	16103
CDL15_Pgr022294	47.21	55.36	39.86
CDL15_Pgr022295	15.72	19.20	13363
CDL15_Pgr022298	10959	26665	0.41
CDL15_Pgr022328	2312.79	3198.15	630.23
CDL15_Pgr022343	112.99	114.07	101.95
CDL15_Pgr022348	39.81	44.04	28.45
CDL15_Pgr022382	41275	45323	0.07
CDL15_Pgr022397	25812	35674	31229
CDL15_Pgr022425	13.97	13.00	24167
CDL15_Pgr022460	13971	44378	0.37
CDL15_Pgr022487	25324	18019	44197
CDL15_Pgr022507	44472	11444	0.83
CDL15_Pgr022515	0.51	0.86	0
CDL15_Pgr022547	43221	12966	34366
CDL15_Pgr022550	189.25	194.56	160.43
CDL15_Pgr022560	0.84	0.75	0
CDL15_Pgr022627	2558.00	2685.60	1834.31
CDL15_Pgr022707	31260	35765	23408
CDL15_Pgr022749	12966	45139	16834
CDL15_Pgr022821	0.60	0.68	0.15
CDL15_Pgr022845	44455	15.66	11567

CDL15_Pgr022875	20941	19845	44198
CDL15_Pgr022877	594.44	667.35	161.40
CDL15_Pgr022894	45.42	47.39	15.56
CDL15_Pgr022916	125.72	127.26	84.41
CDL15_Pgr022919	44.11	50.30	15707
CDL15_Pgr022927	44383	30103	29281
CDL15_Pgr022949	94.56	96.15	80.75
CDL15_Pgr022953	33.35	39.33	44405
CDL15_Pgr023013	29587	33970	0.11
CDL15_Pgr023014	16.63	16.84	19906
CDL15_Pgr023031	44442	44258	24473
CDL15_Pgr023059	42.41	48.26	25.49
CDL15_Pgr023063	24.99	28.92	17.30
CDL15_Pgr023069	18142	44266	30407
CDL15_Pgr023072	22678	17564	0.96
CDL15_Pgr023110	0.55	0.87	0
CDL15_Pgr023117	862.80	895.33	724.39
CDL15_Pgr023125	53.59	50.97	18.82
CDL15_Pgr023143	36281	47270	41395
CDL15_Pgr023186	0.26	0.47	0
CDL15_Pgr023206	59.64	61.90	44260
CDL15_Pgr023218	27.84	29.40	15.18
CDL15_Pgr023225	11324	19725	0
CDL15_Pgr023237	16.58	17.85	15401
CDL15_Pgr023299	0.59	0.65	0.53
CDL15_Pgr023302	36220	13636	43132
CDL15_Pgr023310	47.06	46.44	25.78
CDL15_Pgr023321	43770	13.49	44290
CDL15_Pgr023367	300.43	309.61	126.64
CDL15_Pgr023368	15.67	17.97	20668
CDL15_Pgr023386	20455	42401	0.62
CDL15_Pgr023390	0.42	0.48	0.25
CDL15_Pgr023393	0.17	0.19	0
CDL15_Pgr023475	98.57	102.63	44.72
CDL15_Pgr023538	44348	44378	0.40

CDL15_Pgr023540	44470	11689	0.41
CDL15_Pgr023554	19360	30682	0.71
CDL15_Pgr023590	33.88	43.72	44249
CDL15_Pgr023606	54.18	55.26	35.12
CDL15_Pgr023629	14.25	24.19	15373
CDL15_Pgr023652	44435	30.54	14580
CDL15_Pgr023653	112.99	146.16	54.95
CDL15_Pgr023661	43831	13150	0
CDL15_Pgr023673	20455	28126	0.59
CDL15_Pgr023674	36008	14154	14793
CDL15_Pgr023708	29.51	39.05	44509
CDL15_Pgr023760	29677	45078	44440
CDL15_Pgr023905	44440	13881	0
CDL15_Pgr023924	44378	46023	0
CDL15_Pgr023965	33604	44502	0.58
CDL15_Pgr024116	16.64	16.88	13.98
CDL15_Pgr024142	0.73	0.80	0.36
CDL15_Pgr024171	44481	15.36	35612
CDL15_Pgr024179	0.51	0.87	0.12
CDL15_Pgr024208	669.78	706.56	222.24
CDL15_Pgr024223	42917	43313	20576
CDL15_Pgr024229	44455	19.73	12389
CDL15_Pgr024240	103.82	114.01	34.71
CDL15_Pgr024253	19.93	23.86	15797
CDL15_Pgr024257	24289	29768	25355
CDL15_Pgr024299	0.34	0.31	0
CDL15_Pgr024300	44307	22.35	15.68
CDL15_Pgr024334	28157	44472	0.43
CDL15_Pgr024359	0.46	0.75	0.18
CDL15_Pgr024389	125.11	138.03	44552
CDL15_Pgr024409	44259	36220	35065
CDL15_Pgr024419	280.79	287.48	202.97
CDL15_Pgr024485	127.65	135.55	102.09
CDL15_Pgr024517	19.13	22.25	14.89
CDL15_Pgr024519	139.37	143.89	128.10

CDL15_Pgr024546	42036	35796	0.52
CDL15_Pgr024549	27.75	27.41	13.91
CDL15_Pgr024576	1.00	45292	0.24
CDL15_Pgr024589	15342	31048	0.69
CDL15_Pgr024592	1136.95	1095.13	531.99
CDL15_Pgr024594	53.49	63.59	37.69
CDL15_Pgr024608	10959	12055	0.36
CDL15_Pgr024667	14397	20302	22313
CDL15_Pgr024695	74.48	85.32	62.65
CDL15_Pgr024739	21064	18872	44538
CDL15_Pgr024748	59.45	63.10	27.58
CDL15_Pgr024818	51.55	56.77	37.64
CDL15_Pgr024856	14.56	15.76	36434
CDL15_Pgr024906	23285	16.65	44230
CDL15_Pgr024908	30.41	31.44	44398
CDL15_Pgr024925	18.83	22.66	14.47
CDL15_Pgr024932	14.45	19.42	19085
CDL15_Pgr024937	0.07	0.10	0
CDL15_Pgr024952	44.36	51.51	34.21
CDL15_Pgr024979	23.49	32.44	46661
CDL15_Pgr024997	34973	19329	24898
CDL15_Pgr025003	5392.27	5395.40	2062.97
CDL15_Pgr025013	44268	14.43	43191
CDL15_Pgr025020	24.82	24.51	44428
CDL15_Pgr025029	0.76	0.76	0
CDL15_Pgr025038	0.76	0.74	0.37
CDL15_Pgr025042	57.17	63.40	30.54
CDL15_Pgr025048	106.67	126.29	84.99
CDL15_Pgr025058	32.29	45.40	17.38
CDL15_Pgr025079	21671	44505	19360
CDL15_Pgr025097	40.16	41.76	32.96
CDL15_Pgr025105	248.58	278.78	40.75
CDL15_Pgr025131	11444	22767	0.95
CDL15_Pgr025151	70.20	95.00	24.81
CDL15_Pgr025159	36130	13.26	44136

CDL15_Pgr025170	45139	47423	21276
CDL15_Pgr025185	178.97	195.85	130.28
CDL15_Pgr025211	19391	16103	21916
CDL15_Pgr025265	41.43	40.21	27.90
CDL15_Pgr025316	15.64	16.42	32448
CDL15_Pgr025347	29677	26390	41334
CDL15_Pgr025352	17.22	19.54	45597
CDL15_Pgr025392	14.90	16.62	34669
CDL15_Pgr025401	29768	28764	44471
CDL15_Pgr025402	19025	28915	44409
CDL15_Pgr025403	18688	21976	44350
CDL15_Pgr025426	15097	18415	35096
CDL15_Pgr025444	13516	15707	0.21
CDL15_Pgr025448	666.63	755.07	203.24
CDL15_Pgr025468	29.44	57.19	0
CDL15_Pgr025492	136.72	149.69	115.81
CDL15_Pgr025531	34.57	36.93	44438
CDL15_Pgr025554	404.36	424.42	261.51
CDL15_Pgr025596	38.44	37.22	33909
CDL15_Pgr025628	0.09	0.12	0
CDL15_Pgr025636	16469	28522	0.84
CDL15_Pgr025658	41730	11414	32568
CDL15_Pgr025662	44258	34759	11324
CDL15_Pgr025689	0.44	0.58	0.24
CDL15_Pgr025691	19.85	22.17	15.99
CDL15_Pgr025696	44454	16.99	18933
CDL15_Pgr025703	311.82	385.17	232.52
CDL15_Pgr025707	34731	27791	0.19
CDL15_Pgr025721	0.35	0.34	0.14
CDL15_Pgr025732	31107	27089	35065
CDL15_Pgr025771	59.21	56.69	15.83
CDL15_Pgr025772	39.69	38.84	29.41
CDL15_Pgr025777	23.38	23.59	19572
CDL15_Pgr025797	193.51	178.80	59.03
CDL15_Pgr025802	44501	47119	0.59

CDL15_Pgr025822	722.97	757.58	678.63
CDL15_Pgr025829	44.52	47.21	39.38
CDL15_Pgr025841	21.65	27.32	44206
CDL15_Pgr025862	34.49	37.00	44492
CDL15_Pgr025870	123.03	139.13	79.94
CDL15_Pgr025872	451.21	598.41	216.83
CDL15_Pgr025875	62.80	67.18	53.55
CDL15_Pgr025907	27.46	36.96	43922
CDL15_Pgr025914	53.84	52.81	28.71
CDL15_Pgr025922	884.95	868.53	359.72
CDL15_Pgr025935	19.38	18.37	44262
CDL15_Pgr025945	379.03	391.43	337.86
CDL15_Pgr025977	71.36	71.95	48.63
CDL15_Pgr025989	44.49	46.47	33.03
CDL15_Pgr026014	13881	44927	0
CDL15_Pgr026019	13.98	14.46	44386
CDL15_Pgr026026	20121	15766	44409
CDL15_Pgr026031	43.11	51.15	34.49
CDL15_Pgr026039	0.11	0.19	0
CDL15_Pgr026043	44439	30.63	23.99
CDL15_Pgr026068	15.61	17.37	19268
CDL15_Pgr026089	16497	28185	26665
CDL15_Pgr026106	14.72	17.46	36404
CDL15_Pgr026114	24381	13119	44353
CDL15_Pgr026269	32752	36434	0.55
CDL15_Pgr026328	0.95	0.94	0.61
CDL15_Pgr026376	71.14	70.91	58.20
CDL15_Pgr026414	82.70	89.73	73.64
CDL15_Pgr026510	42.64	54.31	29.81
CDL15_Pgr026584	44519	17.86	18629
CDL15_Pgr026593	46600	44205	17319
CDL15_Pgr026620	59.45	59.91	15.28
CDL15_Pgr026657	1945.54	2100.81	1040.17
CDL15_Pgr026659	27912	24624	12510
CDL15_Pgr026682	92.57	114.08	59.68

CDL15_Pgr026707	32874	43862	17168
CDL15_Pgr026787	0.25	0.23	0.08
CDL15_Pgr026811	29.84	29.59	22.30
CDL15_Pgr026813	100.24	138.95	63.62
CDL15_Pgr026830	0.36	0.44	0
CDL15_Pgr026845	25.24	39.65	45627
CDL15_Pgr026850	44293	16589	0.92
CDL15_Pgr026856	109.65	110.60	83.57
CDL15_Pgr027044	0.44	0.53	0.24
CDL15_Pgr027049	44290	20180	24504
CDL15_Pgr027106	44317	44317	0.31
CDL15_Pgr027164	35462	18719	0.06
CDL15_Pgr027165	160.52	162.97	130.22
CDL15_Pgr027329	0.55	0.50	0
CDL15_Pgr027334	44317	44348	17227
CDL15_Pgr027339	33604	34700	0.96
CDL15_Pgr027358	22341	47270	42370
CDL15_Pgr027438	57.61	63.68	44454
CDL15_Pgr027441	17.42	44424	28887
CDL15_Pgr027480	45139	18537	30803
CDL15_Pgr027486	10990	27791	26665
CDL15_Pgr027490	26665	29221	14977
CDL15_Pgr027501	59.94	87.35	20.78
CDL15_Pgr027509	44264	22494	35855
CDL15_Pgr027523	44232	44413	42401
CDL15_Pgr027539	0.85	44197	0
CDL15_Pgr027551	11324	28491	0
CDL15_Pgr027556	13.33	44361	16377
CDL15_Pgr027588	44318	41671	0
CDL15_Pgr027608	18537	44388	34881
CDL15_Pgr027617	36.36	44.18	44430
CDL15_Pgr027620	74.42	85.17	52.38
CDL15_Pgr027663	1113.05	1412.35	316.41
CDL15_Pgr027681	89.41	91.31	57.66
CDL15_Pgr027699	35.07	35.11	22.86

CDL15_Pgr027711	63.62	77.22	19.41
CDL15_Pgr027718	14.87	44519	16316
CDL15_Pgr027737	35490	14366	22678
CDL15_Pgr027771	36.49	37.34	31.73
CDL15_Pgr027773	0.84	0.92	0
CDL15_Pgr027806	0.32	0.57	0
CDL15_Pgr027824	33.61	37.77	24.68
CDL15_Pgr027826	12540	14366	17958
CDL15_Pgr027872	35462	41699	0.43
CDL15_Pgr027887	25.82	32.38	44244
CDL15_Pgr027925	46478	11444	46813
CDL15_Pgr027934	72.92	82.85	43.35
CDL15_Pgr027943	51.98	55.66	48.07
CDL15_Pgr027962	23132	21671	22372
CDL15_Pgr027970	44508	23621	15766
CDL15_Pgr027986	0.31	0.35	0
CDL15_Pgr027992	156.62	157.51	119.80
CDL15_Pgr028002	72.16	73.29	50.00
CDL15_Pgr028021	0.47	0.50	0
CDL15_Pgr028035	73.67	78.20	58.84
CDL15_Pgr028052	0.79	0.90	0.39
CDL15_Pgr028055	159.61	191.92	107.55
CDL15_Pgr028067	182.19	188.85	52.23
CDL15_Pgr028104	19845	44348	21276
CDL15_Pgr028207	11536	44386	47150
CDL15_Pgr028252	44262	44538	16558
CDL15_Pgr028260	539.42	586.26	301.31
CDL15_Pgr028296	595.87	693.89	495.86
CDL15_Pgr028322	28307	44507	43831
CDL15_Pgr028323	16377	31717	24746
CDL15_Pgr028338	13.71	14.32	42125
CDL15_Pgr028342	44.32	53.02	35.85
CDL15_Pgr028354	40.63	55.89	15.34
CDL15_Pgr028364	0.42	0.70	0
CDL15_Pgr028374	28157	46508	0.41

CDL15_Pgr028377	51.45	66.53	28.99
CDL15_Pgr028399	137.26	144.18	126.07
CDL15_Pgr028408	0.97	43831	0.50
CDL15_Pgr028420	26390	11049	0.96
CDL15_Pgr028454	27.53	31.37	17.89
CDL15_Pgr028461	27515	11933	44257
CDL15_Pgr028466	34.20	42.35	20271
CDL15_Pgr028472	172.23	159.54	54.19
CDL15_Pgr028476	63.11	81.08	19.98
CDL15_Pgr028485	33239	44502	24473
CDL15_Pgr028497	17319	44297	12420
CDL15_Pgr028502	29.17	35.89	22.90
CDL15_Pgr028504	39.47	44.71	33.68
CDL15_Pgr028560	26696	15373	0.23
CDL15_Pgr028590	23833	25294	11355
CDL15_Pgr028596	0.48	0.71	0
CDL15_Pgr028630	44228	28157	0.82
CDL15_Pgr028643	14.59	21.46	22767
CDL15_Pgr028652	20821	12451	0.21
CDL15_Pgr028653	0.38	0.44	0
CDL15_Pgr028656	83.36	89.72	52.96
CDL15_Pgr028680	16558	11444	10990
CDL15_Pgr028721	16893	25689	46753
CDL15_Pgr028731	331.71	392.53	272.05
CDL15_Pgr028732	62.32	63.02	51.07
CDL15_Pgr028755	390.99	620.63	180.23
CDL15_Pgr028773	21186	46054	0.52
CDL15_Pgr028779	18.65	21.19	35309
CDL15_Pgr028845	30195	15.81	4.00
CDL15_Pgr028863	19.86	44489	23498
CDL15_Pgr028891	44470	44532	0
CDL15_Pgr028897	20.59	22.16	44215
CDL15_Pgr028904	0.17	0.15	0
CDL15_Pgr028921	43647	35217	21976
CDL15_Pgr028923	81.07	80.14	56.46

CDL15_Pgr028928	46935	26604	44411
CDL15_Pgr028940	26207	42309	18080
CDL15_Pgr029000	44442	27089	33604
CDL15_Pgr029002	12389	44513	12267
CDL15_Pgr029015	0.10	0.10	0
CDL15_Pgr029027	221.55	242.32	198.42
CDL15_Pgr029028	23.43	22.93	16.37
CDL15_Pgr029079	53.19	54.18	39.14
CDL15_Pgr029126	47.18	53.51	40.41
CDL15_Pgr000001	44958	0	0
CDL15_Pgr000006	0.31	0	0
CDL15_Pgr000007	44200	0	0
CDL15_Pgr000010	32629	25600	14977
CDL15_Pgr000013	44440	0	0.22
CDL15_Pgr000017	44502	0	0
CDL15_Pgr000018	43466	0	0
CDL15_Pgr000019	43556	0.50	0
CDL15_Pgr000020	34.70	12.00	42979
CDL15_Pgr000021	20852	0	0.34
CDL15_Pgr000025	24959	0	0.14
CDL15_Pgr000026	35462	0.66	0.73
CDL15_Pgr000030	28946	0.35	0.89
CDL15_Pgr000032	26330	0	0.35
CDL15_Pgr000034	0.78	0.20	0.22
CDL15_Pgr000040	45689	0	0.20
CDL15_Pgr000041	0.61	0	0.10
CDL15_Pgr000043	24473	0.29	0.20
CDL15_Pgr000044	0.28	0	0
CDL15_Pgr000045	19.99	23437	0.39
CDL15_Pgr000046	44197	0	0.16
CDL15_Pgr000052	13606	43862	31778
CDL15_Pgr000054	41760	28126	31413
CDL15_Pgr000058	15250	0.70	42736
CDL15_Pgr000065	106.78	18.27	16.15
CDL15_Pgr000071	0.49	0.03	0.11

CDL15_Pgr000072	0.25	0	0
CDL15_Pgr000074	204.23	38.81	40.53
CDL15_Pgr000078	24473	0.40	0.45
CDL15_Pgr000086	0.34	0.08	0
CDL15_Pgr000121	0.49	0.11	0
CDL15_Pgr000135	33298	0.46	0.39
CDL15_Pgr000139	43132	46023	0.96
CDL15_Pgr000140	39.49	19.48	14.53
CDL15_Pgr000147	209.77	40.22	24442
CDL15_Pgr000158	22647	0.87	0.74
CDL15_Pgr000174	108.56	65.91	46.05
CDL15_Pgr000197	0.28	0	0
CDL15_Pgr000209	24838	0	0
CDL15_Pgr000210	23651	14305	0
CDL15_Pgr000225	90.16	76.05	78.67
CDL15_Pgr000233	20.18	0.59	0.40
CDL15_Pgr000248	51.96	46.69	44.44
CDL15_Pgr000263	60.90	0	0
CDL15_Pgr000264	33208	20668	44774
CDL15_Pgr000274	109.18	91.74	89.29
CDL15_Pgr000275	32.42	0.51	0.74
CDL15_Pgr000277	72.66	20.24	26085
CDL15_Pgr000291	0.65	0	0
CDL15_Pgr000303	24746	14671	25993
CDL15_Pgr000310	46.45	44252	18.37
CDL15_Pgr000327	44229	0	0.12
CDL15_Pgr000329	0.45	0	0
CDL15_Pgr000347	0.63	0	0
CDL15_Pgr000350	0.56	0	0
CDL15_Pgr000375	30.20	44230	23071
CDL15_Pgr000382	0.98	0	0
CDL15_Pgr000384	0.50	0	0
CDL15_Pgr000393	11355	20090	16072
CDL15_Pgr000394	25.51	0	0.45
CDL15_Pgr000447	139.87	29.47	29.31

CDL15_Pgr000479	125.95	26115	23.22
CDL15_Pgr000484	0.57	0.36	0.27
CDL15_Pgr000486	43862	0.34	0.35
CDL15_Pgr000490	75.52	18.89	21.95
CDL15_Pgr000500	61.35	13971	0.75
CDL15_Pgr000501	21490	46023	0.39
CDL15_Pgr000502	0.49	0.23	0.19
CDL15_Pgr000505	23774	47119	16072
CDL15_Pgr000509	44460	0	0
CDL15_Pgr000514	0.12	0	0
CDL15_Pgr000530	29221	44501	45292
CDL15_Pgr000538	150.94	99.07	92.68
CDL15_Pgr000548	0.91	0.33	0.39
CDL15_Pgr000559	190.11	27395	31413
CDL15_Pgr000561	44348	0	0.14
CDL15_Pgr000563	44379	0	0
CDL15_Pgr000571	40.78	18.75	13089
CDL15_Pgr000575	62.19	43.93	47.80
CDL15_Pgr000587	17288	0.29	0.20
CDL15_Pgr000600	56.11	34.20	35.65
CDL15_Pgr000601	199.71	116.79	96.74
CDL15_Pgr000607	54.05	19.66	16.16
CDL15_Pgr000616	14.15	46935	16619
CDL15_Pgr000617	41365	17227	12114
CDL15_Pgr000641	17107	0.33	0
CDL15_Pgr000655	377.09	235.98	193.71
CDL15_Pgr000681	0.23	0	0
CDL15_Pgr000685	193.04	73.10	41.09
CDL15_Pgr000714	57.27	31.74	26.81
CDL15_Pgr000732	2082.57	356.16	101.39
CDL15_Pgr000747	44503	12055	43831
CDL15_Pgr000781	24473	0	0.26
CDL15_Pgr000787	56.73	53.41	53.75
CDL15_Pgr000811	146.22	17.86	20.35
CDL15_Pgr000819	0.19	0	0

CDL15_Pgr000822	266.54	141.97	128.22
CDL15_Pgr000882	185.57	140.52	129.50
CDL15_Pgr000904	0.52	0.42	0.38
CDL15_Pgr000906	28522	0.07	0
CDL15_Pgr000918	131.21	20210	28.45
CDL15_Pgr000927	14977	0.15	0.03
CDL15_Pgr000928	168.83	89.10	99.24
CDL15_Pgr000941	0.74	0.10	0.12
CDL15_Pgr000942	44430	44424	44241
CDL15_Pgr000950	0.73	0	0
CDL15_Pgr000980	0.76	0	0
CDL15_Pgr001005	36.81	21794	46905
CDL15_Pgr001008	47209	44410	16469
CDL15_Pgr001011	0.98	0	0
CDL15_Pgr001030	29.83	44234	29738
CDL15_Pgr001032	44287	0	0
CDL15_Pgr001036	42005	0	0
CDL15_Pgr001038	0.19	0	0
CDL15_Pgr001044	0.53	0	0
CDL15_Pgr001065	0.67	0	0
CDL15_Pgr001066	14001	0.38	0.51
CDL15_Pgr001067	166.75	87.36	64.68
CDL15_Pgr001071	223.32	159.35	139.44
CDL15_Pgr001075	0.40	0.18	0.15
CDL15_Pgr001076	0.36	0	0
CDL15_Pgr001078	0.43	0	0
CDL15_Pgr001087	34.55	0.83	0.47
CDL15_Pgr001088	100.25	20.36	23.21
CDL15_Pgr001161	2109.53	237.60	165.84
CDL15_Pgr001164	16469	0.44	0.48
CDL15_Pgr001171	14977	0.69	0.85
CDL15_Pgr001175	14.73	24198	12479
CDL15_Pgr001176	44473	0.83	0
CDL15_Pgr001178	13.72	24959	44502
CDL15_Pgr001185	30.95	20.22	16.25

CDL15_Pgr001187	43.36	22.87	26.83
CDL15_Pgr001206	25569	0.22	0
CDL15_Pgr001226	23.40	25355	23498
CDL15_Pgr001228	94.00	42.61	44407
CDL15_Pgr001235	940.82	721.32	682.83
CDL15_Pgr001241	25.31	20486	44287
CDL15_Pgr001245	13.92	36342	15827
CDL15_Pgr001275	34700	0	0
CDL15_Pgr001280	46023	0.99	0.89
CDL15_Pgr001291	130.56	63.97	49.73
CDL15_Pgr001293	59.26	0	0
CDL15_Pgr001312	45.15	25.00	21.30
CDL15_Pgr001316	22647	0.52	0.73
CDL15_Pgr001324	15738	0.30	0.32
CDL15_Pgr001347	0.17	0	0
CDL15_Pgr001373	15.65	17107	44479
CDL15_Pgr001376	44501	0.10	0
CDL15_Pgr001380	81.32	44240	25.23
CDL15_Pgr001382	90.61	39.78	28.70
CDL15_Pgr001397	0.23	0	0
CDL15_Pgr001400	44410	0.29	0.60
CDL15_Pgr001439	200.50	75.64	98.33
CDL15_Pgr001440	142.80	55.11	31.55
CDL15_Pgr001441	44321	45352	19784
CDL15_Pgr001449	56.07	35.58	28.58
CDL15_Pgr001452	169.02	31.86	23.60
CDL15_Pgr001489	0.23	0	0
CDL15_Pgr001500	36100	20486	0.82
CDL15_Pgr001501	0.14	0	0
CDL15_Pgr001513	0.29	0	0
CDL15_Pgr001522	31.33	15.22	18.67
CDL15_Pgr001543	44401	42583	44927
CDL15_Pgr001546	71.17	26.67	13.16
CDL15_Pgr001550	34851	32174	44197
CDL15_Pgr001557	101.50	63.90	64.77

CDL15_Pgr001566	44478	26846	46204
CDL15_Pgr001575	0.14	0	0
CDL15_Pgr001605	10959	0.65	0.63
CDL15_Pgr001608	18.13	21947	44350
CDL15_Pgr001626	13516	0.77	0.59
CDL15_Pgr001652	28216	44350	10990
CDL15_Pgr001653	44318	0.71	0.80
CDL15_Pgr001663	68.25	26.84	34.05
CDL15_Pgr001669	27.25	15.61	16.89
CDL15_Pgr001687	15.37	23863	15432
CDL15_Pgr001690	100.27	43.62	32.95
CDL15_Pgr001706	41.55	24.85	26.95
CDL15_Pgr001707	19.74	44470	27791
CDL15_Pgr001717	0.14	0	0
CDL15_Pgr001725	62.47	61.41	61.60
CDL15_Pgr001726	11749	0.19	0.30
CDL15_Pgr001728	0.40	0	0
CDL15_Pgr001735	290.96	190.47	179.86
CDL15_Pgr001738	0.34	0	0
CDL15_Pgr001748	427.23	163.74	142.56
CDL15_Pgr001751	21582	0.09	0
CDL15_Pgr001766	86.77	80.31	79.25
CDL15_Pgr001776	0.72	0	0
CDL15_Pgr001779	12936	44531	0.77
CDL15_Pgr001780	439.38	30.66	19.79
CDL15_Pgr001802	13881	0	0
CDL15_Pgr001823	0.79	0	0
CDL15_Pgr001824	245.27	16.26	32143
CDL15_Pgr001826	50.91	48.48	48.08
CDL15_Pgr001828	273.47	45.21	27.36
CDL15_Pgr001833	754.67	361.91	389.67
CDL15_Pgr001836	87.43	71.00	64.96
CDL15_Pgr001840	24898	41640	0
CDL15_Pgr001843	0.17	0	0
CDL15_Pgr001847	0.27	0	0

CDL15_Pgr001862	840.13	75.15	156.71
CDL15_Pgr001867	43160	0.61	0
CDL15_Pgr001877	101.44	25.61	24.95
CDL15_Pgr001885	0.40	0	0
CDL15_Pgr001935	0.24	0	0
CDL15_Pgr001961	32.10	15.53	13.88
CDL15_Pgr001962	0.51	0.20	0.07
CDL15_Pgr001963	95.13	75.86	73.05
CDL15_Pgr001966	13971	12785	15342
CDL15_Pgr001967	3458.00	352.01	409.50
CDL15_Pgr001971	48.64	35.06	32.11
CDL15_Pgr001972	16132	0	0
CDL15_Pgr001974	60.62	44386	44384
CDL15_Pgr001982	14.40	0.13	0
CDL15_Pgr001983	45658	0.36	0.31
CDL15_Pgr002005	33025	12936	41426
CDL15_Pgr002012	28.68	36404	42583
CDL15_Pgr002058	38.96	22.59	22.33
CDL15_Pgr002059	724.07	22.61	26481
CDL15_Pgr002060	312.66	224.10	213.98
CDL15_Pgr002067	44429	14366	14793
CDL15_Pgr002073	0.66	0	0
CDL15_Pgr002074	46.25	27.25	19.55
CDL15_Pgr002076	28915	0.59	0.95
CDL15_Pgr002078	1615.64	52.36	15.62
CDL15_Pgr002083	42736	0	0
CDL15_Pgr002106	16072	0	0
CDL15_Pgr002113	0.19	0	0
CDL15_Pgr002123	0.47	0.11	0
CDL15_Pgr002144	0.65	0.49	0.51
CDL15_Pgr002146	24108	0.31	0.44
CDL15_Pgr002162	17.97	25263	17319
CDL15_Pgr002175	44521	44451	13028
CDL15_Pgr002180	17533	0.35	0.11
CDL15_Pgr002197	34335	0.44	0.19

CDL15_Pgr002214	0.31	0	0
CDL15_Pgr002217	310.42	34.96	29.72
CDL15_Pgr002228	44866	32994	47270
CDL15_Pgr002230	10959	0.11	0.35
CDL15_Pgr002246	44230	0	0
CDL15_Pgr002247	27426	0.04	0
CDL15_Pgr002249	12844	0.38	0.27
CDL15_Pgr002289	0.36	0	0
CDL15_Pgr002308	156.61	54.82	74.52
CDL15_Pgr002318	21947	0.52	0.69
CDL15_Pgr002332	24.21	44424	14.76
CDL15_Pgr002345	129.89	82.25	90.25
CDL15_Pgr002346	45323	43831	11689
CDL15_Pgr002349	22920	23863	14397
CDL15_Pgr002360	29587	0	0
CDL15_Pgr002361	30.98	0	0.46
CDL15_Pgr002386	44409	0.12	0.12
CDL15_Pgr002408	104.93	60.99	68.50
CDL15_Pgr002413	0.68	0	0
CDL15_Pgr002414	354.37	236.07	186.65
CDL15_Pgr002416	47.03	38.52	35.29
CDL15_Pgr002429	0.69	0	0
CDL15_Pgr002430	0.45	0.03	0
CDL15_Pgr002434	29.00	22.78	19.91
CDL15_Pgr002436	17.89	31837	24838
CDL15_Pgr002439	43862	44409	0.78
CDL15_Pgr002442	137.50	92.80	82.54
CDL15_Pgr002453	56.86	23346	28491
CDL15_Pgr002455	287.24	44325	19.93
CDL15_Pgr002456	24.96	0.49	0
CDL15_Pgr002457	25.80	0	0.56
CDL15_Pgr002458	11963	24259	14032
CDL15_Pgr002467	0.75	0	0
CDL15_Pgr002470	0.67	0.19	0
CDL15_Pgr002478	22678	44470	1.00

CDL15_Pgr002491	22.47	21.18	20.71
CDL15_Pgr002493	44409	0	0
CDL15_Pgr002499	254.53	119.20	83.47
CDL15_Pgr002502	237.55	0	0.19
CDL15_Pgr002503	183.36	0	0.45
CDL15_Pgr002504	14611	0	0
CDL15_Pgr002516	0.33	0	0
CDL15_Pgr002529	31472	0.14	0.23
CDL15_Pgr002531	7760.57	625.63	285.17
CDL15_Pgr002535	35431	0	0
CDL15_Pgr002553	0.36	0	0.06
CDL15_Pgr002615	0.64	0	0
CDL15_Pgr002621	32143	0.64	0.80
CDL15_Pgr002622	0.38	0.06	0
CDL15_Pgr002630	44.46	35.27	33.65
CDL15_Pgr002654	240.55	219.27	212.85
CDL15_Pgr002681	34335	0.77	0.43
CDL15_Pgr002727	34.49	16.64	16.96
CDL15_Pgr002734	0.09	0	0
CDL15_Pgr002735	26299	0	0
CDL15_Pgr002760	0.45	0	0
CDL15_Pgr002776	44412	46753	0
CDL15_Pgr002779	2430.23	72.94	54.65
CDL15_Pgr002780	659.29	31472	44380
CDL15_Pgr002781	597.64	58.45	44305
CDL15_Pgr002782	733.97	96.46	44383
CDL15_Pgr002783	15766	0.82	0.87
CDL15_Pgr002798	62.56	38.84	33.44
CDL15_Pgr002800	30.02	24.24	24.88
CDL15_Pgr002801	42461	44927	0.94
CDL15_Pgr002802	44234	10990	0.53
CDL15_Pgr002827	91.84	67.06	65.18
CDL15_Pgr002828	35.66	0.63	0.08
CDL15_Pgr002829	44621	0.92	44317
CDL15_Pgr002835	44927	0.44	0.27

CDL15_Pgr002838	387.35	183.20	113.59
CDL15_Pgr002856	27030	0.93	0.86
CDL15_Pgr002860	0.55	0.15	0
CDL15_Pgr002864	0.39	0	0
CDL15_Pgr002871	0.62	0.17	0.24
CDL15_Pgr002872	221.87	187.52	192.76
CDL15_Pgr002885	0.44	0	0
CDL15_Pgr002889	610.37	408.79	436.91
CDL15_Pgr002899	19.92	41487	44508
CDL15_Pgr002906	42795	43101	20821
CDL15_Pgr002936	52.43	39.93	38.10
CDL15_Pgr002942	0.52	0.17	0.14
CDL15_Pgr002951	0.70	0	0
CDL15_Pgr002952	0.56	0.13	0.07
CDL15_Pgr002953	14.92	47088	32448
CDL15_Pgr002961	15401	0	0
CDL15_Pgr002962	0.14	0	0
CDL15_Pgr002990	0.11	0	0
CDL15_Pgr002996	57.25	29.57	30.89
CDL15_Pgr002997	0.14	0	0
CDL15_Pgr003002	44470	0	0.13
CDL15_Pgr003019	11780	23377	43862
CDL15_Pgr003030	255.42	190.25	194.73
CDL15_Pgr003043	112.55	65.39	65.76
CDL15_Pgr003051	0.21	0	0
CDL15_Pgr003052	44318	0.38	0.04
CDL15_Pgr003069	184.38	92.23	83.01
CDL15_Pgr003076	15.59	42856	44475
CDL15_Pgr003082	44509	17319	33390
CDL15_Pgr003085	42186	43891	27395
CDL15_Pgr003087	1165.33	215.38	109.52
CDL15_Pgr003101	0.10	0	0
CDL15_Pgr003102	1074.47	158.03	146.63
CDL15_Pgr003112	619.38	441.26	366.92
CDL15_Pgr003119	93.26	0.68	0.04

CDL15_Pgr003162	17930	0	0
CDL15_Pgr003169	49.35	33.23	30.48
CDL15_Pgr003173	0.44	0.14	0
CDL15_Pgr003197	648.81	289.46	174.15
CDL15_Pgr003199	44378	0	0
CDL15_Pgr003208	0.83	0	0
CDL15_Pgr003211	1742.70	556.07	254.34
CDL15_Pgr003225	0.19	0	0
CDL15_Pgr003242	662.32	27.43	69.01
CDL15_Pgr003243	60.30	44297	43525
CDL15_Pgr003250	426.16	53.66	13.68
CDL15_Pgr003260	47.27	36.15	38.09
CDL15_Pgr003269	46447	0.37	0.39
CDL15_Pgr003309	81.43	40.78	35.72
CDL15_Pgr003317	126.10	39.42	30.57
CDL15_Pgr003318	477.17	28.68	19.42
CDL15_Pgr003320	27.98	15.81	31017
CDL15_Pgr003325	32.17	0.84	0.47
CDL15_Pgr003341	80.83	57.43	52.22
CDL15_Pgr003355	18749	0.75	0.75
CDL15_Pgr003363	388.67	29.37	18203
CDL15_Pgr003375	20546	44379	41306
CDL15_Pgr003390	718.06	338.15	180.69
CDL15_Pgr003391	46784	0.17	0.41
CDL15_Pgr003394	33.79	27.93	25.39
CDL15_Pgr003398	50.90	20.92	19.45
CDL15_Pgr003401	32540	0.32	0
CDL15_Pgr003411	257.61	193.39	168.68
CDL15_Pgr003413	16589	44379	0.85
CDL15_Pgr003418	13.71	27242	21794
CDL15_Pgr003438	0.37	0	0
CDL15_Pgr003448	294.35	60.13	82.07
CDL15_Pgr003449	20059	0	43466
CDL15_Pgr003452	691.19	106.09	74.93
CDL15_Pgr003453	0.53	0	0

CDL15_Pgr003457	32325	34731	45292
CDL15_Pgr003460	20.95	44355	26054
CDL15_Pgr003483	7.00	17168	0.55
CDL15_Pgr003486	87.89	57.50	60.90
CDL15_Pgr003489	20486	0.06	0.12
CDL15_Pgr003511	41306	0	0
CDL15_Pgr003514	43.82	16.18	17.71
CDL15_Pgr003520	53.40	39.93	34.08
CDL15_Pgr003522	1252.06	301.53	240.97
CDL15_Pgr003528	0.43	0	0
CDL15_Pgr003529	0.28	0	0
CDL15_Pgr003551	122.85	80.92	78.18
CDL15_Pgr003553	30.69	17.75	15.25
CDL15_Pgr003555	0.65	0	0
CDL15_Pgr003560	12420	0.53	0.43
CDL15_Pgr003570	0.39	0.15	0.05
CDL15_Pgr003592	74.59	14.73	30926
CDL15_Pgr003630	0.32	0	0
CDL15_Pgr003638	0.56	0	0
CDL15_Pgr003651	32509	0	0
CDL15_Pgr003655	32.82	20.64	19.18
CDL15_Pgr003672	195.05	94.69	72.75
CDL15_Pgr003673	0.66	0.13	0.14
CDL15_Pgr003689	13.82	11902	46174
CDL15_Pgr003690	434.93	198.08	209.71
CDL15_Pgr003692	0.54	0	0
CDL15_Pgr003694	287.38	94.26	79.85
CDL15_Pgr003706	13.26	43252	28581
CDL15_Pgr003715	22.45	17.40	44273
CDL15_Pgr003728	0.39	0	0
CDL15_Pgr003730	225.29	87.63	92.07
CDL15_Pgr003745	1706.03	392.75	270.19
CDL15_Pgr003755	380.57	51.10	16.37
CDL15_Pgr003756	34.02	25294	20880
CDL15_Pgr003764	22.60	31868	44321

CDL15_Pgr003766	21520	43617	13636
CDL15_Pgr003767	47.49	23.44	23.18
CDL15_Pgr003773	12510	0.83	44501
CDL15_Pgr003783	44261	0.82	0.40
CDL15_Pgr003789	827.29	67.78	120.45
CDL15_Pgr003794	18264	0	0.18
CDL15_Pgr003799	18354	0.58	14611
CDL15_Pgr003812	58.94	24.18	24.69
CDL15_Pgr003836	145.55	29.45	37.59
CDL15_Pgr003890	16072	0.09	0.07
CDL15_Pgr003891	0.30	0	0
CDL15_Pgr003927	11902	44504	20546
CDL15_Pgr003954	380.01	117.68	77.23
CDL15_Pgr003964	142.00	25.42	44301
CDL15_Pgr003984	44326	14793	12601
CDL15_Pgr003988	1320.74	933.83	911.14
CDL15_Pgr003992	66.64	23.36	22.67
CDL15_Pgr004002	168.26	98.15	96.10
CDL15_Pgr004018	35765	46692	22221
CDL15_Pgr004029	51.44	37.53	37.15
CDL15_Pgr004033	44471	44562	44440
CDL15_Pgr004034	0.17	0	0
CDL15_Pgr004061	37.64	26.66	28.89
CDL15_Pgr004065	36008	19756	25993
CDL15_Pgr004095	129.21	73.74	81.69
CDL15_Pgr004112	330.54	267.19	262.79
CDL15_Pgr004115	45292	0.32	0.17
CDL15_Pgr004138	44389	20180	45717
CDL15_Pgr004142	753.91	530.97	457.33
CDL15_Pgr004145	43466	0.18	0.04
CDL15_Pgr004153	15.62	0.70	46447
CDL15_Pgr004156	50.54	27.33	29.54
CDL15_Pgr004162	0.78	0.14	0.10
CDL15_Pgr004163	23.79	14.53	13.57
CDL15_Pgr004197	34.77	12451	15189

CDL15_Pgr004198	1485.67	148.96	54.13
CDL15_Pgr004208	18354	0	0.22
CDL15_Pgr004209	34.65	0	33239
CDL15_Pgr004232	47.46	34.59	30.13
CDL15_Pgr004251	47.62	0.11	0.12
CDL15_Pgr004253	42.19	0.26	0
CDL15_Pgr004288	31747	16589	14732
CDL15_Pgr004291	11597	44409	0.06
CDL15_Pgr004292	16.76	32174	45047
CDL15_Pgr004295	0.86	0	0
CDL15_Pgr004296	31625	15008	44409
CDL15_Pgr004307	372.26	187.63	163.40
CDL15_Pgr004331	44532	0.21	0.63
CDL15_Pgr004340	0.29	0	0
CDL15_Pgr004370	35217	24473	0.65
CDL15_Pgr004379	177.11	53.01	23224
CDL15_Pgr004419	32.55	17.56	44359
CDL15_Pgr004425	19.66	44256	44927
CDL15_Pgr004453	51.32	25.49	16.52
CDL15_Pgr004468	34.84	19.52	14.89
CDL15_Pgr004477	0.40	0.15	0.16
CDL15_Pgr004480	44421	17168	42036
CDL15_Pgr004486	0.40	0.12	0
CDL15_Pgr004520	0.99	0	0
CDL15_Pgr004544	0.92	0.60	0.45
CDL15_Pgr004588	17958	12420	22647
CDL15_Pgr004594	0.87	0.26	0
CDL15_Pgr004629	17227	42370	44256
CDL15_Pgr004634	19360	0	0
CDL15_Pgr004647	21217	0.72	0.30
CDL15_Pgr004654	133.92	54.41	35.89
CDL15_Pgr004656	26.99	43922	13181
CDL15_Pgr004670	41.07	44495	28.40
CDL15_Pgr004679	0.37	0	0
CDL15_Pgr004688	123.61	26.89	19.29

CDL15_Pgr004696	15766	21186	31048
CDL15_Pgr004711	469.96	243.78	213.23
CDL15_Pgr004736	55.16	41.60	43.59
CDL15_Pgr004737	0.54	0	0
CDL15_Pgr004744	32599	28491	31778
CDL15_Pgr004749	14246	0.42	0
CDL15_Pgr004754	108.54	16011	17.33
CDL15_Pgr004762	452.22	41275	0.93
CDL15_Pgr004775	0.19	0.03	0.06
CDL15_Pgr004789	44503	0.66	42370
CDL15_Pgr004797	49.61	44519	26451
CDL15_Pgr004798	138.90	27.92	23132
CDL15_Pgr004828	238.94	167.03	165.15
CDL15_Pgr004829	45.15	26.57	24.30
CDL15_Pgr004835	0.18	0	0
CDL15_Pgr004838	0.99	0	0.10
CDL15_Pgr004855	126.18	58.83	41.41
CDL15_Pgr004871	466.34	134.69	118.78
CDL15_Pgr004879	0.16	0	0
CDL15_Pgr004887	0.52	0	0
CDL15_Pgr004888	44414	0.12	0.27
CDL15_Pgr004895	44296	0.26	44501
CDL15_Pgr004897	0.16	0	0
CDL15_Pgr004900	1743.92	140.97	91.40
CDL15_Pgr004909	0.42	0	0
CDL15_Pgr004942	22129	13575	42064
CDL15_Pgr004946	22129	13575	42064
CDL15_Pgr004962	1004.75	173.76	223.91
CDL15_Pgr004964	44310	15827	0
CDL15_Pgr004966	512.05	51.57	128.35
CDL15_Pgr004970	866.13	340.58	303.86
CDL15_Pgr004979	45870	43556	17958
CDL15_Pgr004983	14.89	13516	0
CDL15_Pgr005024	13210	0	0.27
CDL15_Pgr005084	0.46	0	0

CDL15_Pgr005097	0.41	0	0
CDL15_Pgr005110	20241	17564	0.86
CDL15_Pgr005129	0.57	0.08	0
CDL15_Pgr005131	24473	44378	44409
CDL15_Pgr005158	222.62	158.79	142.60
CDL15_Pgr005165	88.18	56.68	52.71
CDL15_Pgr005172	41974	44538	22463
CDL15_Pgr005188	43.81	35977	15373
CDL15_Pgr005198	0.69	0.18	0.10
CDL15_Pgr005221	46813	44501	0.46
CDL15_Pgr005239	43770	19725	44562
CDL15_Pgr005243	0.53	0	0
CDL15_Pgr005246	18323	24108	32874
CDL15_Pgr005291	29.39	17777	22890
CDL15_Pgr005295	109.45	81.52	71.26
CDL15_Pgr005300	90.15	74.31	73.35
CDL15_Pgr005317	0.50	0.08	0
CDL15_Pgr005333	16.47	25508	20363
CDL15_Pgr005346	304.29	181.40	200.92
CDL15_Pgr005351	214.50	156.28	162.19
CDL15_Pgr005353	31.26	13.38	16.73
CDL15_Pgr005370	0.15	0	0
CDL15_Pgr005374	28856	0.22	0.26
CDL15_Pgr005383	13971	0	0
CDL15_Pgr005384	0.49	0	0
CDL15_Pgr005406	52.71	23.51	44215
CDL15_Pgr005416	74.86	44283	34.70
CDL15_Pgr005417	392.11	0.56	0.60
CDL15_Pgr005443	12785	0.23	0
CDL15_Pgr005450	21.41	44356	43922
CDL15_Pgr005454	44.67	24.53	16.54
CDL15_Pgr005471	23012	0.47	0.08
CDL15_Pgr005476	109.43	68.00	58.12
CDL15_Pgr005477	110.14	36.33	22.68
CDL15_Pgr005487	89.59	29677	44502

CDL15_Pgr005495	0.13	0	0
CDL15_Pgr005504	0.55	0.15	0.02
CDL15_Pgr005544	0.24	0	0
CDL15_Pgr005553	145.87	47.59	68.04
CDL15_Pgr005556	60.13	48.27	43.83
CDL15_Pgr005559	146.30	136.93	136.16
CDL15_Pgr005579	34.17	44458	44240
CDL15_Pgr005585	308.69	149.77	184.30
CDL15_Pgr005597	102.46	94.28	93.19
CDL15_Pgr005606	22251	46844	23102
CDL15_Pgr005609	138.51	24.17	13667
CDL15_Pgr005612	144.48	47.10	25.14
CDL15_Pgr005616	46600	46874	21276
CDL15_Pgr005624	82.74	23.82	41852
CDL15_Pgr005625	46631	23743	0
CDL15_Pgr005628	16923	28522	31048
CDL15_Pgr005635	14611	41275	44440
CDL15_Pgr005643	339.30	24.51	13.13
CDL15_Pgr005666	0.21	0.06	0
CDL15_Pgr005671	16834	22647	11324
CDL15_Pgr005678	26785	0.75	0.62
CDL15_Pgr005700	32.01	0	0.82
CDL15_Pgr005713	32509	24108	25204
CDL15_Pgr005721	20515	18660	21582
CDL15_Pgr005729	0.21	0.06	0
CDL15_Pgr005732	42005	0.32	0
CDL15_Pgr005738	44315	44202	26755
CDL15_Pgr005741	0.53	0	0
CDL15_Pgr005760	21.92	14246	0.83
CDL15_Pgr005772	138.37	27.15	38.02
CDL15_Pgr005781	0.74	0	0.09
CDL15_Pgr005794	112.26	26.72	14.46
CDL15_Pgr005804	125.05	88.31	96.35
CDL15_Pgr005812	17.52	15401	31533
CDL15_Pgr005818	0.61	0.14	0

CDL15_Pgr005824	32325	0.55	0.33
CDL15_Pgr005830	43101	0.20	0
CDL15_Pgr005832	0.25	0	0
CDL15_Pgr005841	24228	0	0
CDL15_Pgr005842	126.99	23.48	44554
CDL15_Pgr005846	0.29	0	0
CDL15_Pgr005856	34.00	19.00	13.33
CDL15_Pgr005893	112.25	44528	44417
CDL15_Pgr005898	41579	30376	43556
CDL15_Pgr005900	97.74	29.67	37.25
CDL15_Pgr005902	17.98	22282	31413
CDL15_Pgr005907	345.05	25.69	46661
CDL15_Pgr005920	30042	29252	25600
CDL15_Pgr005941	44202	42370	42370
CDL15_Pgr005942	28550	0	0
CDL15_Pgr005943	1172.20	44.04	34547
CDL15_Pgr005961	0.98	0	0
CDL15_Pgr005967	25204	0.10	0.31
CDL15_Pgr005969	29281	14977	28491
CDL15_Pgr005985	44256	0	0
CDL15_Pgr005992	23.27	16.46	13.39
CDL15_Pgr006009	0.57	0.29	0.19
CDL15_Pgr006033	0.10	0	0
CDL15_Pgr006034	0.77	0	0
CDL15_Pgr006060	44.96	19.56	13.78
CDL15_Pgr006061	13516	0	0
CDL15_Pgr006067	0.41	0.19	0.13
CDL15_Pgr006078	45200	44352	15067
CDL15_Pgr006096	15738	0.42	0.77
CDL15_Pgr006099	266.24	106.53	60.30
CDL15_Pgr006102	23863	22647	19360
CDL15_Pgr006109	11202	0.24	0.83
CDL15_Pgr006119	102.32	22.23	20.55
CDL15_Pgr006140	596.98	215.81	118.83
CDL15_Pgr006169	206.16	153.29	150.32

CDL15_Pgr006182	27395	0.60	0.79
CDL15_Pgr006219	0.14	0	0
CDL15_Pgr006227	55.05	0.85	19299
CDL15_Pgr006241	44409	0.50	0.29
CDL15_Pgr006251	58.40	53.54	54.43
CDL15_Pgr006253	0.37	0	0
CDL15_Pgr006269	20302	36220	15036
CDL15_Pgr006274	18384	0.65	0
CDL15_Pgr006278	81.21	0.94	47119
CDL15_Pgr006279	67.18	45.46	50.24
CDL15_Pgr006280	116.95	31.80	30.94
CDL15_Pgr006281	0.46	0	0
CDL15_Pgr006285	34.82	14.62	15.72
CDL15_Pgr006286	37.40	0.08	0.75
CDL15_Pgr006287	16224	0	0.40
CDL15_Pgr006289	24.46	12359	27699
CDL15_Pgr006290	0.21	0	0
CDL15_Pgr006292	15401	0.79	11689
CDL15_Pgr006303	17.69	13.86	14.29
CDL15_Pgr006306	44306	17.14	16.43
CDL15_Pgr006310	364.96	28157	36.13
CDL15_Pgr006314	0.40	0	0
CDL15_Pgr006318	144.27	82.48	63.76
CDL15_Pgr006324	0.21	0	0
CDL15_Pgr006328	0.70	0.10	0
CDL15_Pgr006338	0.46	0	0
CDL15_Pgr006339	462.65	13.91	14.51
CDL15_Pgr006356	15.15	19876	45047
CDL15_Pgr006368	0.51	0	0
CDL15_Pgr006373	46753	0	0
CDL15_Pgr006415	0.54	0	0
CDL15_Pgr006431	13881	0.69	0.39
CDL15_Pgr006444	44197	0	0
CDL15_Pgr006468	58.65	34.47	35.89
CDL15_Pgr006490	44473	18629	0.68

CDL15_Pgr006508	17168	0.40	0.14
CDL15_Pgr006510	916.87	102.35	124.66
CDL15_Pgr006511	0.16	0.02	0
CDL15_Pgr006520	44.49	34.35	35.89
CDL15_Pgr006558	0.25	0.03	0
CDL15_Pgr006571	14732	24198	24563
CDL15_Pgr006582	24.15	0	0.39
CDL15_Pgr006588	34425	44198	11355
CDL15_Pgr006601	89.60	26.16	44524
CDL15_Pgr006604	267.86	44440	0
CDL15_Pgr006617	153.94	80.62	54.40
CDL15_Pgr006623	36373	44317	11414
CDL15_Pgr006625	0.49	0	0
CDL15_Pgr006644	3107.01	373.64	154.43
CDL15_Pgr006651	19694	44443	30348
CDL15_Pgr006676	301.26	78.36	40.53
CDL15_Pgr006682	29373	20546	23468
CDL15_Pgr006726	26665	0	0.28
CDL15_Pgr006751	16.24	17715	43709
CDL15_Pgr006761	44348	0	0
CDL15_Pgr006783	46784	0.69	0.21
CDL15_Pgr006793	275.57	174.73	144.47
CDL15_Pgr006794	12479	0	0
CDL15_Pgr006813	42370	0.23	0
CDL15_Pgr006814	13912	16803	20821
CDL15_Pgr006848	44501	0.33	0.12
CDL15_Pgr006870	37.82	19.33	13.68
CDL15_Pgr006874	11810	0.73	26665
CDL15_Pgr006885	77.99	63.78	60.60
CDL15_Pgr006906	205.21	166.17	165.96
CDL15_Pgr006924	15.55	42491	11414
CDL15_Pgr006928	620.83	526.84	499.26
CDL15_Pgr006932	65.28	35.47	31.88
CDL15_Pgr006933	39.66	33.49	30.96
CDL15_Pgr006943	23774	0	0.50

CDL15_Pgr006944	0.23	0	0
CDL15_Pgr006954	475.69	37.45	17.86
CDL15_Pgr006958	90.35	51.39	57.10
CDL15_Pgr006994	28550	0.49	0.97
CDL15_Pgr007008	44256	0	0
CDL15_Pgr007013	135.86	50.60	50.07
CDL15_Pgr007015	0.22	0	0
CDL15_Pgr007028	0.83	0	0.16
CDL15_Pgr007029	44501	16834	23377
CDL15_Pgr007039	63.89	53.05	51.49
CDL15_Pgr007042	0.51	0	0.05
CDL15_Pgr007050	27.48	11383	44535
CDL15_Pgr007067	3747.92	501.37	897.51
CDL15_Pgr007071	19480	0.54	0.83
CDL15_Pgr007077	0.10	0	0
CDL15_Pgr007108	44319	0	0
CDL15_Pgr007125	404.54	15462	17.76
CDL15_Pgr007129	18295	0.04	0.36
CDL15_Pgr007134	0.16	0	0
CDL15_Pgr007144	0.70	0.21	0
CDL15_Pgr007164	148.72	49.23	28.86
CDL15_Pgr007165	25447	44202	43952
CDL15_Pgr007166	132.09	13.72	26024
CDL15_Pgr007173	229.70	27.62	53.61
CDL15_Pgr007174	230.90	101.95	50.19
CDL15_Pgr007195	0.93	0.56	0.54
CDL15_Pgr007204	22.28	44268	20029
CDL15_Pgr007205	1245.85	47.79	54.09
CDL15_Pgr007206	39.51	28369	24807
CDL15_Pgr007209	13.83	25263	13210
CDL15_Pgr007210	0.84	0.19	0.07
CDL15_Pgr007216	44652	0.42	0
CDL15_Pgr007227	31959	13516	0.32
CDL15_Pgr007229	13667	24198	17624
CDL15_Pgr007233	36.15	44218	22.42

CDL15_Pgr007237	19.41	11140	22647
CDL15_Pgr007239	1755.34	107.08	16772
CDL15_Pgr007240	22.15	0.39	0.21
CDL15_Pgr007243	46023	0	0
CDL15_Pgr007244	0.41	0.09	0
CDL15_Pgr007253	27515	16803	0
CDL15_Pgr007258	47119	0.05	0
CDL15_Pgr007265	0.28	0	0.06
CDL15_Pgr007267	45323	0.33	0.30
CDL15_Pgr007268	83.17	34851	12966
CDL15_Pgr007270	32.46	19.31	18.21
CDL15_Pgr007272	44378	0.03	0
CDL15_Pgr007282	0.29	0	0
CDL15_Pgr007285	1017.36	700.26	719.26
CDL15_Pgr007295	45078	17168	44593
CDL15_Pgr007299	55.76	29.16	20.74
CDL15_Pgr007300	20.45	11597	34516
CDL15_Pgr007301	63.96	21.50	18.33
CDL15_Pgr007307	190.42	114.41	130.60
CDL15_Pgr007323	0.89	0	0
CDL15_Pgr007330	0.20	0	0
CDL15_Pgr007345	44287	0	0
CDL15_Pgr007361	52.90	31.00	33.32
CDL15_Pgr007364	37.09	32.79	32.71
CDL15_Pgr007370	0.52	0	0.10
CDL15_Pgr007391	57.78	37.96	40.96
CDL15_Pgr007417	23743	0.05	0.13
CDL15_Pgr007418	15.83	33390	32325
CDL15_Pgr007476	16497	14977	0.53
CDL15_Pgr007485	44317	0	0
CDL15_Pgr007523	43497	0.13	0.02
CDL15_Pgr007526	0.58	0.07	0.02
CDL15_Pgr007530	19.73	44537	24929
CDL15_Pgr007531	67.81	0	0
CDL15_Pgr007533	100.77	0	0.40

CDL15_Pgr007536	40.02	32.67	34.06
CDL15_Pgr007538	20.27	44259	17958
CDL15_Pgr007565	113.07	46.47	26.65
CDL15_Pgr007566	0.27	0	0
CDL15_Pgr007568	0.98	0.70	0.67
CDL15_Pgr007587	0.24	0.07	0
CDL15_Pgr007590	0.27	0	0
CDL15_Pgr007592	44380	0.72	44197
CDL15_Pgr007593	387.77	51.40	22.76
CDL15_Pgr007594	130.69	31.78	14.60
CDL15_Pgr007597	0.32	0	0
CDL15_Pgr007599	210.52	20.52	27515
CDL15_Pgr007600	50.39	33178	44501
CDL15_Pgr007612	13.89	35551	27851
CDL15_Pgr007640	0.09	0	0
CDL15_Pgr007652	92.70	68.59	73.36
CDL15_Pgr007656	29983	0.20	0
CDL15_Pgr007661	44228	0	0
CDL15_Pgr007667	139.19	41.91	0.99
CDL15_Pgr007669	44470	0	0
CDL15_Pgr007683	0.65	0	0
CDL15_Pgr007685	47119	0.77	0.59
CDL15_Pgr007702	118.51	40.10	54.39
CDL15_Pgr007705	44230	0.28	0.40
CDL15_Pgr007707	33817	15432	25600
CDL15_Pgr007725	0.85	0	0
CDL15_Pgr007729	0.93	0	0.11
CDL15_Pgr007734	1895.23	201.39	97.04
CDL15_Pgr007735	121.46	86.24	88.06
CDL15_Pgr007746	0.19	0	0
CDL15_Pgr007767	0.21	0	0
CDL15_Pgr007769	23.18	13119	13.18
CDL15_Pgr007777	29768	16834	20121
CDL15_Pgr007785	0.44	0	0
CDL15_Pgr007796	103.58	30.02	24.93

CDL15_Pgr007802	49.04	28.40	30.99
CDL15_Pgr007803	24838	0.38	0.55
CDL15_Pgr007814	134.15	95.18	87.72
CDL15_Pgr007820	31.06	25.38	25.43
CDL15_Pgr007828	0.50	0	0
CDL15_Pgr007838	719.46	98.79	150.00
CDL15_Pgr007839	264.00	92.08	108.83
CDL15_Pgr007840	26665	0.09	0.10
CDL15_Pgr007841	18629	0.12	0
CDL15_Pgr007861	45689	0.40	0.05
CDL15_Pgr007865	1017.24	127.34	165.64
CDL15_Pgr007890	14246	0	0.27
CDL15_Pgr007894	6.00	0.59	0.45
CDL15_Pgr007895	44.07	33635	0.57
CDL15_Pgr007899	0.75	0	0
CDL15_Pgr007912	1076.00	33.91	37.97
CDL15_Pgr007917	0.45	0	0
CDL15_Pgr007953	41.46	44312	23.90
CDL15_Pgr008013	77.69	40.99	47.45
CDL15_Pgr008018	0.50	0.04	0.08
CDL15_Pgr008036	165.76	33.93	23.37
CDL15_Pgr008095	11324	0	0
CDL15_Pgr008097	60.61	46.04	45.18
CDL15_Pgr008124	23.21	29160	28004
CDL15_Pgr008147	44507	27061	15342
CDL15_Pgr008162	0.12	0	0
CDL15_Pgr008165	74.12	60.46	62.39
CDL15_Pgr008168	15.44	42644	29403
CDL15_Pgr008169	35309	46753	0.25
CDL15_Pgr008170	30.59	0	0.61
CDL15_Pgr008196	4.00	0	0
CDL15_Pgr008198	257.16	239.47	240.49
CDL15_Pgr008237	50.92	36.96	36.26
CDL15_Pgr008257	158.46	60.34	18.56
CDL15_Pgr008264	43952	23377	0

CDL15_Pgr008306	0.09	0	0
CDL15_Pgr008320	0.15	0	0
CDL15_Pgr008336	0.11	0	0
CDL15_Pgr008363	802.08	122.36	36.81
CDL15_Pgr008364	0.77	0.21	0.08
CDL15_Pgr008384	462.89	135.26	36.33
CDL15_Pgr008391	0.11	0	0
CDL15_Pgr008396	0.33	0.06	0
CDL15_Pgr008404	216.17	31048	44202
CDL15_Pgr008408	31898	0.74	0.44
CDL15_Pgr008417	0.15	0	0
CDL15_Pgr008424	25235	0	0
CDL15_Pgr008426	0.48	0	0
CDL15_Pgr008432	1006.76	167.95	342.70
CDL15_Pgr008436	33970	0	0
CDL15_Pgr008438	0.26	0	0
CDL15_Pgr008439	25204	0	0
CDL15_Pgr008441	10959	0	0
CDL15_Pgr008444	36192	0	0
CDL15_Pgr008451	254.14	23.87	48.87
CDL15_Pgr008469	41913	42461	44320
CDL15_Pgr008485	107.24	14.78	28338
CDL15_Pgr008489	55.56	29.23	22.00
CDL15_Pgr008491	0.24	0.06	0.10
CDL15_Pgr008517	17258	0.65	0.08
CDL15_Pgr008544	23529	11383	17199
CDL15_Pgr008553	34.38	34820	44386
CDL15_Pgr008557	24.53	13.66	19603
CDL15_Pgr008563	187.82	45.09	44402
CDL15_Pgr008564	424.04	57.86	26268
CDL15_Pgr008570	15342	0.75	0.46
CDL15_Pgr008585	0.76	0	0
CDL15_Pgr008602	25.97	17930	47300
CDL15_Pgr008609	37.92	24.76	26.27
CDL15_Pgr008620	35827	0	0

CDL15_Pgr008659	43132	0	0.46
CDL15_Pgr008722	47423	19054	35431
CDL15_Pgr008731	44044	22737	24167
CDL15_Pgr008732	44335	31260	46844
CDL15_Pgr008739	13.36	20180	15738
CDL15_Pgr008740	44475	11720	0.78
CDL15_Pgr008753	53.90	30.71	28.49
CDL15_Pgr008759	46.86	35.86	35.74
CDL15_Pgr008762	0.36	0	0.07
CDL15_Pgr008778	272.33	42.12	69.82
CDL15_Pgr008818	0.88	0.08	0.08
CDL15_Pgr008826	44.04	13.27	42552
CDL15_Pgr008834	146.34	96.83	97.68
CDL15_Pgr008841	44237	0.67	0.89
CDL15_Pgr008843	44501	18629	0.67
CDL15_Pgr008874	11780	0.06	0.29
CDL15_Pgr008875	380.84	137.32	97.52
CDL15_Pgr008882	44450	0	44532
CDL15_Pgr008893	0.57	0	0.09
CDL15_Pgr008898	46753	0	0
CDL15_Pgr008909	23193	42826	13210
CDL15_Pgr008910	44292	27030	46054
CDL15_Pgr008911	17.41	0	44229
CDL15_Pgr008928	44136	44443	35521
CDL15_Pgr008930	0.20	0.02	0.04
CDL15_Pgr008933	34304	15220	44326
CDL15_Pgr008937	0.11	0	0
CDL15_Pgr008940	20.19	43435	33178
CDL15_Pgr008954	285.17	172.70	150.11
CDL15_Pgr008963	214.15	46.42	21.40
CDL15_Pgr008966	44361	18841	20333
CDL15_Pgr008968	25.89	24.36	23.86
CDL15_Pgr008973	786.93	169.35	238.22
CDL15_Pgr008983	0.50	0	0
CDL15_Pgr008987	19085	28126	26665

CDL15_Pgr009009	0.30	0.06	0
CDL15_Pgr009041	0.57	0	0
CDL15_Pgr009044	0.11	0	0
CDL15_Pgr009046	24685	42736	0.92
CDL15_Pgr009047	46.65	12.00	18.56
CDL15_Pgr009049	109.84	61.66	69.43
CDL15_Pgr009050	0.49	0.12	0
CDL15_Pgr009070	44.37	39.51	38.58
CDL15_Pgr009075	0.58	0	0
CDL15_Pgr009082	0.16	0	0
CDL15_Pgr009094	119.33	76.33	72.53
CDL15_Pgr009097	28185	43831	0
CDL15_Pgr009106	123.38	58.45	48.65
CDL15_Pgr009118	43831	0	0
CDL15_Pgr009164	0.25	0	0
CDL15_Pgr009168	0.71	0	0.06
CDL15_Pgr009183	0.52	0	0
CDL15_Pgr009191	0.41	0	0
CDL15_Pgr009200	0.30	0.09	0
CDL15_Pgr009213	0.32	0.17	0.18
CDL15_Pgr009219	13575	0.67	0.10
CDL15_Pgr009226	0.48	0.18	0.19
CDL15_Pgr009231	25934	0	0
CDL15_Pgr009253	46023	0	0
CDL15_Pgr009255	48.64	24289	25355
CDL15_Pgr009275	46753	0	0
CDL15_Pgr009286	19268	20668	15919
CDL15_Pgr009291	21.52	20302	46905
CDL15_Pgr009306	18050	28216	44260
CDL15_Pgr009307	239.23	146.25	116.41
CDL15_Pgr009310	31929	41671	0
CDL15_Pgr009311	204.16	68.75	33.21
CDL15_Pgr009317	39.61	28.33	27.18
CDL15_Pgr009327	521.98	225.61	275.16
CDL15_Pgr009332	20972	0.28	22647

CDL15_Pgr009336	24654	32174	44228
CDL15_Pgr009344	34912	45352	31079
CDL15_Pgr009345	16893	44409	0
CDL15_Pgr009349	14124	13636	21306
CDL15_Pgr009350	20.60	44232	11049
CDL15_Pgr009351	0.16	0	0
CDL15_Pgr009364	0.93	0	0
CDL15_Pgr009373	64.19	44223	18.67
CDL15_Pgr009374	0.27	0	0
CDL15_Pgr009418	32264	0.70	27030
CDL15_Pgr009420	0.43	0	0
CDL15_Pgr009421	0.16	0	0
CDL15_Pgr009445	69.37	48.60	42.01
CDL15_Pgr009448	533.71	288.98	325.69
CDL15_Pgr009450	22282	0.22	0.08
CDL15_Pgr009459	0.11	0	0
CDL15_Pgr009474	0.44	0	0
CDL15_Pgr009475	11324	0	0
CDL15_Pgr009485	18.59	22706	4.00
CDL15_Pgr009486	20090	0	0.26
CDL15_Pgr009503	44531	32874	15342
CDL15_Pgr009507	28430	26390	27515
CDL15_Pgr009509	102.62	41.94	27.52
CDL15_Pgr009519	0.87	0	0
CDL15_Pgr009521	0.45	0	0
CDL15_Pgr009580	0.14	0	0
CDL15_Pgr009594	0.49	0	0
CDL15_Pgr009598	0.10	0	0
CDL15_Pgr009617	0.45	0	0
CDL15_Pgr009624	158.24	96.15	83.21
CDL15_Pgr009629	44927	0	0.09
CDL15_Pgr009637	313.89	251.97	222.95
CDL15_Pgr009643	52.29	32.15	23.37
CDL15_Pgr009659	0.98	0	0
CDL15_Pgr009663	150.69	35.21	27.97

CDL15_Pgr009676	46388	0.29	0
CDL15_Pgr009677	78.52	18.79	34335
CDL15_Pgr009680	0.84	0	0
CDL15_Pgr009682	11597	0.91	0.64
CDL15_Pgr009691	109.67	17.97	13.43
CDL15_Pgr009692	18445	11018	35096
CDL15_Pgr009708	123.99	23.82	29.27
CDL15_Pgr009721	994.27	540.66	394.21
CDL15_Pgr009724	34335	0.56	0
CDL15_Pgr009725	31048	0.15	0.50
CDL15_Pgr009728	20911	25934	44197
CDL15_Pgr009741	47150	0	0
CDL15_Pgr009751	41.81	19.43	20.62
CDL15_Pgr009764	18.70	34394	0.57
CDL15_Pgr009766	111.30	44.06	44458
CDL15_Pgr009772	91.08	67.05	71.82
CDL15_Pgr009788	0.25	0	0
CDL15_Pgr009797	198.43	25.86	0.24
CDL15_Pgr009804	0.66	0	0
CDL15_Pgr009808	0.81	0	0
CDL15_Pgr009813	212.51	19756	46478
CDL15_Pgr009853	37.39	27.91	44220
CDL15_Pgr009856	48.12	44450	8.00
CDL15_Pgr009865	16132	0	0
CDL15_Pgr009866	41487	16834	0
CDL15_Pgr009867	117.08	59.55	40.30
CDL15_Pgr009892	28672	36161	17168
CDL15_Pgr009899	1041.07	272.33	332.57
CDL15_Pgr009900	29738	5.00	35886
CDL15_Pgr009903	19391	42736	12785
CDL15_Pgr009905	60.67	38.73	36.41
CDL15_Pgr009908	42461	44228	44379
CDL15_Pgr009915	44410	0.59	0.59
CDL15_Pgr009937	75.47	56.31	49.86
CDL15_Pgr009939	46508	16469	27426

CDL15_Pgr009940	139.61	13.41	41944
CDL15_Pgr009946	64.93	16.34	28216
CDL15_Pgr009947	41730	43831	43831
CDL15_Pgr009950	46447	0.11	0.06
CDL15_Pgr009952	20729	15036	16803
CDL15_Pgr009962	164.55	63.39	55.52
CDL15_Pgr009976	44319	0	0
CDL15_Pgr009985	12420	0	0
CDL15_Pgr009990	32509	0	0
CDL15_Pgr009991	132.98	41.71	38.95
CDL15_Pgr009992	16923	34335	17168
CDL15_Pgr010000	16041	14519	25812
CDL15_Pgr010004	33604	0	0.09
CDL15_Pgr010030	27.13	44296	19694
CDL15_Pgr010035	32540	0.54	0.68
CDL15_Pgr010061	21245	0.12	0.06
CDL15_Pgr010069	27.63	35065	0.08
CDL15_Pgr010075	632.80	18507	30317
CDL15_Pgr010077	70.13	55.43	55.36
CDL15_Pgr010078	13971	44197	0
CDL15_Pgr010079	23071	46023	0.48
CDL15_Pgr010081	44512	35796	41671
CDL15_Pgr010082	1057.37	188.51	41.62
CDL15_Pgr010085	114.48	76.56	65.83
CDL15_Pgr010118	0.10	0	0
CDL15_Pgr010128	1980.00	194.21	79.46
CDL15_Pgr010145	167.67	105.09	92.66
CDL15_Pgr010150	27426	0	0
CDL15_Pgr010151	42736	0	0
CDL15_Pgr010181	44562	0.16	0
CDL15_Pgr010202	0.40	0	0
CDL15_Pgr010211	27791	41640	14246
CDL15_Pgr010218	22.32	14.22	15.50
CDL15_Pgr010227	42887	13181	26330
CDL15_Pgr010230	26299	0.69	0.29

CDL15_Pgr010240	0.39	0	0
CDL15_Pgr010260	25600	0.14	0.55
CDL15_Pgr010289	15008	0.63	0.30
CDL15_Pgr010290	1.00	0	0
CDL15_Pgr010295	99.82	81.74	74.10
CDL15_Pgr010315	16469	0	0.40
CDL15_Pgr010318	648.46	430.86	467.88
CDL15_Pgr010322	155.86	84.85	91.07
CDL15_Pgr010335	46.42	21276	42644
CDL15_Pgr010339	0.33	0	0
CDL15_Pgr010369	8.00	21976	44534
CDL15_Pgr010386	14.29	0.39	44531
CDL15_Pgr010404	0.13	0	0
CDL15_Pgr010420	0.16	0	0
CDL15_Pgr010421	44318	0.86	0.34
CDL15_Pgr010432	53.54	15.71	44340
CDL15_Pgr010449	163.09	99.43	109.20
CDL15_Pgr010451	44415	46844	23102
CDL15_Pgr010472	24108	0.24	0.26
CDL15_Pgr010489	20941	0.97	19725
CDL15_Pgr010493	0.96	0.05	0
CDL15_Pgr010506	13.20	44387	46631
CDL15_Pgr010510	44429	28216	15707
CDL15_Pgr010513	0.10	0	0
CDL15_Pgr010518	124.10	64.61	42.91
CDL15_Pgr010525	297.65	86.04	52.16
CDL15_Pgr010542	41.67	44460	21.18
CDL15_Pgr010560	0.43	0	0
CDL15_Pgr010579	42.47	44368	25.77
CDL15_Pgr010582	19541	23802	46419
CDL15_Pgr010590	16254	0.67	0
CDL15_Pgr010609	26816	34090	22767
CDL15_Pgr010611	56.46	26.45	24.66
CDL15_Pgr010615	44326	44259	27454
CDL15_Pgr010618	77.79	34.85	23.23

CDL15_Pgr010631	44233	44228	0.66
CDL15_Pgr010632	13.75	28887	0
CDL15_Pgr010635	21276	0	0
CDL15_Pgr010651	29.73	15.31	13.76
CDL15_Pgr010653	0.16	0	0
CDL15_Pgr010688	44378	0.16	0.17
CDL15_Pgr010689	33.05	24.66	25.43
CDL15_Pgr010691	28399	14305	20486
CDL15_Pgr010692	0.54	0	0
CDL15_Pgr010717	16072	0.52	0.56
CDL15_Pgr010720	36161	0.52	0.56
CDL15_Pgr010723	92.28	29160	14.48
CDL15_Pgr010728	0.20	0	0
CDL15_Pgr010763	433.98	183.73	164.09
CDL15_Pgr010765	0.83	0	0
CDL15_Pgr010783	0.10	0	0
CDL15_Pgr010797	120.99	62.26	37.75
CDL15_Pgr010807	11324	0	0
CDL15_Pgr010837	0.23	0	0
CDL15_Pgr010842	38.01	23.93	21.89
CDL15_Pgr010851	14642	0.32	0.07
CDL15_Pgr010864	26359	20852	24139
CDL15_Pgr010868	0.62	0.10	0
CDL15_Pgr010889	392.21	20.70	45017
CDL15_Pgr010895	16132	0.44	0
CDL15_Pgr010900	434.50	14.66	47.40
CDL15_Pgr010901	136.13	18.19	34.02
CDL15_Pgr010914	14885	21245	23012
CDL15_Pgr010925	272.91	44452	25873
CDL15_Pgr010928	29068	28611	46143
CDL15_Pgr010929	38.03	16.19	15.75
CDL15_Pgr010937	44509	44476	45444
CDL15_Pgr010949	0.11	0	0
CDL15_Pgr010957	18629	0	0.23
CDL15_Pgr010974	90.18	0.35	44502

CDL15_Pgr010989	61.10	40.06	39.41
CDL15_Pgr010990	33573	14824	17319
CDL15_Pgr010995	1299.80	386.45	302.23
CDL15_Pgr010997	35735	43556	21947
CDL15_Pgr011004	164.02	14.25	46143
CDL15_Pgr011006	13636	0.91	0.88
CDL15_Pgr011007	95.49	26.53	15.97
CDL15_Pgr011008	14.54	20515	0.96
CDL15_Pgr011015	42.78	42736	42767
CDL15_Pgr011017	616.70	94.58	69.34
CDL15_Pgr011020	1514.69	29.95	22890
CDL15_Pgr011021	4555.19	28307	46266
CDL15_Pgr011023	4920.58	7.00	11475
CDL15_Pgr011024	5391.02	42.40	28.81
CDL15_Pgr011025	1061.19	21702	27.35
CDL15_Pgr011028	1520.32	26.84	23.77
CDL15_Pgr011029	5939.29	59.31	89.81
CDL15_Pgr011068	0.51	0	0
CDL15_Pgr011077	18994	0.81	0.74
CDL15_Pgr011086	207.56	58.61	46.94
CDL15_Pgr011088	0.10	0	0
CDL15_Pgr011102	0.09	0	0
CDL15_Pgr011115	49.84	28.91	28.90
CDL15_Pgr011125	0.45	0	0
CDL15_Pgr011134	28887	0.09	0.27
CDL15_Pgr011169	35.57	31.79	31.74
CDL15_Pgr011171	0.30	0	0
CDL15_Pgr011195	79.66	36.06	27.80
CDL15_Pgr011196	182.63	22.68	47.15
CDL15_Pgr011226	0.31	0	0
CDL15_Pgr011228	35431	0.03	0.03
CDL15_Pgr011256	98.58	52.43	54.97
CDL15_Pgr011279	87.03	49.43	47.60
CDL15_Pgr011329	0.39	0.12	0
CDL15_Pgr011330	35855	0.44	0.35

CDL15_Pgr011331	19419	0.40	0.32
CDL15_Pgr011341	0.62	0	0
CDL15_Pgr011343	44533	0.60	0.85
CDL15_Pgr011368	0.33	0	0
CDL15_Pgr011377	0.99	0	0
CDL15_Pgr011383	0.24	0	0
CDL15_Pgr011387	25842	42795	0
CDL15_Pgr011394	16.14	31625	11963
CDL15_Pgr011406	305.95	128.37	99.32
CDL15_Pgr011415	0.10	0	0
CDL15_Pgr011452	44425	44413	22433
CDL15_Pgr011457	18295	0	0
CDL15_Pgr011468	44197	0.28	0
CDL15_Pgr011472	13.85	16011	11628
CDL15_Pgr011476	0.63	0	0
CDL15_Pgr011495	30651	44441	0
CDL15_Pgr011500	0.51	0	0.10
CDL15_Pgr011513	0.69	0.21	0.19
CDL15_Pgr011535	0.74	0	0
CDL15_Pgr011536	155.90	47.16	33.04
CDL15_Pgr011548	0.30	0	0
CDL15_Pgr011585	0.36	0	0
CDL15_Pgr011591	0.18	0	0
CDL15_Pgr011597	0.48	0	0
CDL15_Pgr011627	13.83	22981	26999
CDL15_Pgr011629	42.05	21.15	35765
CDL15_Pgr011670	46935	17899	0.94
CDL15_Pgr011726	0.14	0	0
CDL15_Pgr011739	0.18	0	0
CDL15_Pgr011752	46.19	46235	44295
CDL15_Pgr011761	46844	0.80	0
CDL15_Pgr011762	111.54	78.82	64.79
CDL15_Pgr011773	42064	43132	41671
CDL15_Pgr011778	0.49	0	0
CDL15_Pgr011787	0.19	0	0

CDL15_Pgr011788	24228	0	0
CDL15_Pgr011790	33.37	46813	14611
CDL15_Pgr011808	81.85	19.68	20.39
CDL15_Pgr011833	0.19	0	0
CDL15_Pgr011853	20394	36161	47150
CDL15_Pgr011855	0.52	0.31	0.32
CDL15_Pgr011862	71.19	38.02	44374
CDL15_Pgr011947	43101	0.54	0.46
CDL15_Pgr011962	11110	18994	0.50
CDL15_Pgr011964	0.26	0	0
CDL15_Pgr011965	0.70	0	0
CDL15_Pgr011977	0.20	0	0
CDL15_Pgr011985	25204	0.48	0.37
CDL15_Pgr011998	0.81	0	0
CDL15_Pgr012017	41395	15707	0.22
CDL15_Pgr012036	35431	0	0
CDL15_Pgr012049	46.98	18.20	28795
CDL15_Pgr012085	67.00	35.65	31.44
CDL15_Pgr012088	47.67	19.55	17.60
CDL15_Pgr012089	91.65	28.14	18.75
CDL15_Pgr012092	105.87	71.22	66.52
CDL15_Pgr012148	1055.02	493.49	467.58
CDL15_Pgr012168	26330	44593	44958
CDL15_Pgr012169	27426	0	0
CDL15_Pgr012171	14185	25600	44256
CDL15_Pgr012175	44393	0	43497
CDL15_Pgr012177	172.45	23285	14855
CDL15_Pgr012184	18050	14246	44317
CDL15_Pgr012193	241.79	121.50	109.50
CDL15_Pgr012225	34029	18629	10959
CDL15_Pgr012243	41640	0	0
CDL15_Pgr012295	0.91	0	0
CDL15_Pgr012326	0.23	0	0
CDL15_Pgr012327	50.10	44561	22.44
CDL15_Pgr012334	0.93	0.47	0.41

CDL15_Pgr012354	134.40	62.74	58.51
CDL15_Pgr012406	1.00	0.27	0
CDL15_Pgr012412	37.01	32.65	31.70
CDL15_Pgr012432	0.10	0	0
CDL15_Pgr012457	0.50	0.25	0.18
CDL15_Pgr012464	0.35	0	0
CDL15_Pgr012498	0.26	0	0
CDL15_Pgr012510	0.62	0	0
CDL15_Pgr012511	0.12	0	0
CDL15_Pgr012527	18295	0.43	0.11
CDL15_Pgr012548	45658	0	0
CDL15_Pgr012554	4659.94	93.91	97.54
CDL15_Pgr012559	0.96	0	0
CDL15_Pgr012571	16163	0.09	0.46
CDL15_Pgr012573	46753	0.41	0.26
CDL15_Pgr012575	18629	0	0
CDL15_Pgr012578	46.77	28.29	21.85
CDL15_Pgr012579	0.19	0	0
CDL15_Pgr012613	43862	0.29	0
CDL15_Pgr012615	526.86	62.08	11049
CDL15_Pgr012618	71.13	25.32	23.50
CDL15_Pgr012627	43831	0.02	0.11
CDL15_Pgr012631	18.68	35065	44531
CDL15_Pgr012633	156.03	92.86	65.37
CDL15_Pgr012700	47.44	44291	0.89
CDL15_Pgr012707	42370	0.21	0.40
CDL15_Pgr012714	0.27	0	0
CDL15_Pgr012716	0.18	0	0
CDL15_Pgr012729	44267	0.18	0.06
CDL15_Pgr012756	20.45	28004	25720
CDL15_Pgr012758	44.67	13.85	44290
CDL15_Pgr012759	387.01	118.96	27.89
CDL15_Pgr012766	35278	0	0
CDL15_Pgr012771	22.58	18.13	16.75
CDL15_Pgr012772	129.49	42.86	37.23

CDL15_Pgr012782	42430	0.59	0.65
CDL15_Pgr012797	45.49	30.26	30.72
CDL15_Pgr012802	0.18	0	0
CDL15_Pgr012806	19.87	32721	45108
CDL15_Pgr012817	464.94	179.48	234.88
CDL15_Pgr012820	44532	24108	23377
CDL15_Pgr012822	142.69	51.27	43.19
CDL15_Pgr012827	11383	0.45	0.90
CDL15_Pgr012829	44502	0	0
CDL15_Pgr012833	13241	44562	0.18
CDL15_Pgr012835	67.33	24.73	19968
CDL15_Pgr012859	190.80	165.84	155.42
CDL15_Pgr012864	0.21	0	0
CDL15_Pgr012888	0.59	0	0
CDL15_Pgr012902	1256.71	673.25	589.31
CDL15_Pgr012926	0.29	0	0
CDL15_Pgr012930	753.34	149.62	146.68
CDL15_Pgr012974	43586	44197	0.33
CDL15_Pgr012979	0.16	0	0
CDL15_Pgr013002	0.20	0	0
CDL15_Pgr013024	93.94	84.73	81.99
CDL15_Pgr013040	88.48	44.22	51.05
CDL15_Pgr013042	0.19	0	0
CDL15_Pgr013054	44324	44475	46874
CDL15_Pgr013055	44251	0	0.21
CDL15_Pgr013062	0.17	0	0
CDL15_Pgr013067	120.69	21582	0.55
CDL15_Pgr013069	35065	0	0
CDL15_Pgr013073	0.18	0	0
CDL15_Pgr013099	44531	0.16	0.08
CDL15_Pgr013102	18719	0.96	44440
CDL15_Pgr013103	16.76	44229	44291
CDL15_Pgr013125	15523	29221	0.08
CDL15_Pgr013130	0.25	0	0
CDL15_Pgr013150	27150	45323	25235

CDL15_Pgr013166	171.07	36.25	24.28
CDL15_Pgr013168	93.89	24716	19.27
CDL15_Pgr013171	0.14	0	0
CDL15_Pgr013189	0.25	0	0
CDL15_Pgr013198	46419	0	0
CDL15_Pgr013205	619.74	293.18	328.17
CDL15_Pgr013209	0.09	0	0
CDL15_Pgr013225	0.17	0	0
CDL15_Pgr013251	57.27	15373	0.38
CDL15_Pgr013252	39.51	0.21	0.41
CDL15_Pgr013257	0.81	0	0
CDL15_Pgr013273	44441	0	0
CDL15_Pgr013276	326.82	48.45	42.58
CDL15_Pgr013296	63.39	51.23	49.41
CDL15_Pgr013356	65.40	45.43	42.79
CDL15_Pgr013366	0.49	0	0.09
CDL15_Pgr013381	13150	0	0
CDL15_Pgr013405	33270	0.51	0
CDL15_Pgr013429	29342	44257	0.33
CDL15_Pgr013443	0.82	0.35	0.41
CDL15_Pgr013446	28.65	13.85	42979
CDL15_Pgr013452	18.28	15.78	15.72
CDL15_Pgr013466	72.73	45.73	44.20
CDL15_Pgr013469	30.89	44413	29618
CDL15_Pgr013481	29646	44228	0.47
CDL15_Pgr013494	89.71	14.55	13455
CDL15_Pgr013495	43.67	38.15	38.30
CDL15_Pgr013504	89.73	62.82	56.99
CDL15_Pgr013529	69.38	44312	22.85
CDL15_Pgr013541	21.74	0.38	0.24
CDL15_Pgr013546	0.63	0.07	0.04
CDL15_Pgr013550	44513	20546	46388
CDL15_Pgr013551	0.60	0.14	0
CDL15_Pgr013552	263.37	86.20	77.52
CDL15_Pgr013556	20.78	14.40	13.54

CDL15_Pgr013562	21245	0.47	0
CDL15_Pgr013579	0.55	0	0
CDL15_Pgr013591	33573	45901	44385
CDL15_Pgr013592	44534	28126	13881
CDL15_Pgr013595	27181	0.69	0.67
CDL15_Pgr013598	46.74	41.40	41.99
CDL15_Pgr013600	46722	44294	46235
CDL15_Pgr013610	0.15	0	0
CDL15_Pgr013623	43586	0	0
CDL15_Pgr013637	0.34	0	0
CDL15_Pgr013641	30864	33604	0.49
CDL15_Pgr013658	209.48	156.50	164.04
CDL15_Pgr013664	275.22	170.37	153.69
CDL15_Pgr013669	0.30	0	0
CDL15_Pgr013674	168.51	84.09	65.67
CDL15_Pgr013682	44471	0.47	0.72
CDL15_Pgr013683	22647	0.10	0
CDL15_Pgr013686	34335	0.09	0
CDL15_Pgr013693	143.13	47.64	34.60
CDL15_Pgr013698	46.45	44252	18.37
CDL15_Pgr013699	0.18	0	0
CDL15_Pgr013700	151.97	80.40	69.33
CDL15_Pgr013702	19360	0.15	0.39
CDL15_Pgr013712	0.57	0	0
CDL15_Pgr013719	0.14	0	0
CDL15_Pgr013731	168.78	61.80	73.53
CDL15_Pgr013761	77.41	29.84	16.17
CDL15_Pgr013766	0.34	0.06	0
CDL15_Pgr013792	12236	22706	44349
CDL15_Pgr013810	44332	42401	24473
CDL15_Pgr013811	0.22	0	0
CDL15_Pgr013812	0.25	0	0
CDL15_Pgr013865	44320	0.49	0.74
CDL15_Pgr013875	46.72	39.39	36.97
CDL15_Pgr013877	432.82	173.79	163.33

CDL15_Pgr013892	0.39	0.07	0
CDL15_Pgr013905	0.55	0	0
CDL15_Pgr013912	23071	0	0
CDL15_Pgr013915	0.28	0	0
CDL15_Pgr013956	0.92	0.40	0.42
CDL15_Pgr013971	564.61	499.03	480.96
CDL15_Pgr013972	518.09	432.68	447.82
CDL15_Pgr013974	0.25	0	0
CDL15_Pgr014004	238.51	181.22	170.36
CDL15_Pgr014005	770.04	40.42	48.17
CDL15_Pgr014015	536.35	45.94	48.58
CDL15_Pgr014021	23924	20121	0.94
CDL15_Pgr014031	117.82	82.66	66.40
CDL15_Pgr014032	33.94	26.16	23.00
CDL15_Pgr014038	0.74	0	0
CDL15_Pgr014040	42767	0	0
CDL15_Pgr014084	35.27	23102	30742
CDL15_Pgr014085	24746	24593	19815
CDL15_Pgr014090	44531	0.14	0
CDL15_Pgr014105	13547	0.47	0.44
CDL15_Pgr014106	0.28	0	0
CDL15_Pgr014133	18.18	44537	22494
CDL15_Pgr014148	0.18	0.06	0.03
CDL15_Pgr014149	0.18	0.06	0.03
CDL15_Pgr014220	43466	0.42	0.09
CDL15_Pgr014226	49.71	38.19	33.19
CDL15_Pgr014231	19694	44266	11994
CDL15_Pgr014253	30713	11720	44228
CDL15_Pgr014255	418.85	182.80	143.07
CDL15_Pgr014272	0.30	0.09	0.05
CDL15_Pgr014303	29799	44259	42036
CDL15_Pgr014312	15250	22737	29677
CDL15_Pgr014325	0.88	0	0.18
CDL15_Pgr014331	0.42	0	0
CDL15_Pgr014359	0.10	0	0

CDL15_Pgr014363	0.12	0	0
CDL15_Pgr014367	82.93	44.03	46.64
CDL15_Pgr014381	0.32	0	0
CDL15_Pgr014386	0.09	0	0
CDL15_Pgr014409	0.17	0	0
CDL15_Pgr014415	11475	0.74	0.48
CDL15_Pgr014441	0.35	0	0
CDL15_Pgr014442	39.97	44385	44207
CDL15_Pgr014479	40.07	29.47	24.79
CDL15_Pgr014481	88.42	75.80	77.89
CDL15_Pgr014485	14977	0	0
CDL15_Pgr014499	0.42	0	0.07
CDL15_Pgr014506	27426	0	0
CDL15_Pgr014513	19725	0.60	0.80
CDL15_Pgr014514	13.20	21337	27851
CDL15_Pgr014515	27791	0.43	0.41
CDL15_Pgr014520	225.11	104.18	112.06
CDL15_Pgr014531	0.46	0	0
CDL15_Pgr014532	17899	0.59	0.27
CDL15_Pgr014533	20090	0.43	0.62
CDL15_Pgr014543	18264	0.51	0.46
CDL15_Pgr014558	44531	0	0
CDL15_Pgr014565	28550	0.83	44927
CDL15_Pgr014566	139.21	131.85	133.37
CDL15_Pgr014627	32.50	27.46	25.85
CDL15_Pgr014642	0.26	0	0
CDL15_Pgr014657	0.59	0	0
CDL15_Pgr014668	92.51	50.14	49.42
CDL15_Pgr014671	0.10	0	0
CDL15_Pgr014674	25.35	17.63	19.26
CDL15_Pgr014679	477.85	85.26	60.10
CDL15_Pgr014681	19.48	15980	44539
CDL15_Pgr014698	1443.04	1049.92	873.99
CDL15_Pgr014700	29891	34516	27546
CDL15_Pgr014703	0.28	0	0

CDL15_Pgr014705	65.51	25.60	44485
CDL15_Pgr014707	47.75	29707	44442
CDL15_Pgr014720	13940	44349	25204
CDL15_Pgr014723	855.67	726.62	730.00
CDL15_Pgr014727	0.47	0	0
CDL15_Pgr014743	17930	0	0.39
CDL15_Pgr014747	27395	0	0
CDL15_Pgr014752	76.62	26.40	15.50
CDL15_Pgr014769	0.38	0	0
CDL15_Pgr014780	54.15	43.39	41.71
CDL15_Pgr014787	906.59	401.87	345.30
CDL15_Pgr014788	24838	0	0
CDL15_Pgr014809	72.16	37.40	26.53
CDL15_Pgr014816	36495	34790	44322
CDL15_Pgr014817	29587	0.38	0.64
CDL15_Pgr014818	11933	44445	44291
CDL15_Pgr014819	24838	0.15	0.16
CDL15_Pgr014827	26024	20149	45717
CDL15_Pgr014830	23955	13912	13181
CDL15_Pgr014833	161.16	112.07	103.16
CDL15_Pgr014851	35765	0.64	0.91
CDL15_Pgr014853	0.18	0	0
CDL15_Pgr014864	25.74	43862	11689
CDL15_Pgr014865	44353	0.20	0.48
CDL15_Pgr014875	218.91	21094	20637
CDL15_Pgr014877	50.61	26.68	23.44
CDL15_Pgr014884	44378	0.04	0
CDL15_Pgr014885	131.34	74.21	57.58
CDL15_Pgr014891	806.31	123.83	86.39
CDL15_Pgr014902	22.37	14305	20149
CDL15_Pgr014906	23743	0.53	0.64
CDL15_Pgr014907	97.51	52.64	59.20
CDL15_Pgr014922	0.20	0	0
CDL15_Pgr014924	0.40	0.04	0.04
CDL15_Pgr014941	27089	0.78	0.17

CDL15_Pgr014977	43191	0	0
CDL15_Pgr014988	187.20	110.73	114.82
CDL15_Pgr015001	44562	0	0
CDL15_Pgr015002	0.85	0	0
CDL15_Pgr015012	239.28	118.74	118.13
CDL15_Pgr015024	50.22	44.36	45.58
CDL15_Pgr015032	179.70	37.22	19.53
CDL15_Pgr015042	0.15	0	0
CDL15_Pgr015064	47392	0.55	43831
CDL15_Pgr015097	129.83	22.79	42.63
CDL15_Pgr015138	175.88	110.74	120.44
CDL15_Pgr015173	35431	44197	0.56
CDL15_Pgr015178	135.91	114.85	112.84
CDL15_Pgr015179	26146	15797	42064
CDL15_Pgr015183	64.55	29281	32568
CDL15_Pgr015186	35490	0.03	0.07
CDL15_Pgr015211	12086	0	0
CDL15_Pgr015246	15738	0	0.14
CDL15_Pgr015254	0.13	0	0
CDL15_Pgr015261	42491	0.55	20455
CDL15_Pgr015321	36373	23894	43983
CDL15_Pgr015341	0.77	0.51	0.54
CDL15_Pgr015347	488.18	344.65	370.71
CDL15_Pgr015368	25934	0.23	0.23
CDL15_Pgr015380	145.82	51.74	40.99
CDL15_Pgr015390	117.28	53.26	46.20
CDL15_Pgr015403	191.64	110.41	93.83
CDL15_Pgr015405	54.71	44458	18.71
CDL15_Pgr015408	31.23	0.28	0.66
CDL15_Pgr015410	97.45	74.87	72.17
CDL15_Pgr015437	45.02	20.88	44274
CDL15_Pgr015449	0.20	0	0
CDL15_Pgr015452	26024	0.10	0.34
CDL15_Pgr015453	0.31	0	0
CDL15_Pgr015464	43617	11049	42826

CDL15_Pgr015492	45778	44409	0.84
CDL15_Pgr015508	0.62	0	0
CDL15_Pgr015512	66.13	15.80	41852
CDL15_Pgr015514	954.94	35.05	67.58
CDL15_Pgr015532	26.13	19.90	44247
CDL15_Pgr015552	137.20	14.70	23.67
CDL15_Pgr015554	29.30	0.36	0.19
CDL15_Pgr015556	35796	0	0.32
CDL15_Pgr015561	13940	0	0.28
CDL15_Pgr015562	31107	0	0.12
CDL15_Pgr015575	0.13	0	0
CDL15_Pgr015581	450.62	32.93	122.93
CDL15_Pgr015582	33.43	47270	12905
CDL15_Pgr015606	4.00	0.60	0.11
CDL15_Pgr015613	27.19	15.96	13.38
CDL15_Pgr015615	42125	27061	26299
CDL15_Pgr015623	44501	0	0
CDL15_Pgr015627	44262	19756	14277
CDL15_Pgr015645	42005	0.16	0
CDL15_Pgr015647	16803	0.32	0
CDL15_Pgr015669	25112	43132	0.32
CDL15_Pgr015676	125.01	29.63	44392
CDL15_Pgr015689	0.88	0	0
CDL15_Pgr015700	0.09	0	0
CDL15_Pgr015710	0.46	0.14	0
CDL15_Pgr015719	35.98	30834	33239
CDL15_Pgr015730	44381	44317	0.17
CDL15_Pgr015732	44197	0	0
CDL15_Pgr015733	45748	0.24	0
CDL15_Pgr015750	11720	0	0
CDL15_Pgr015770	393.87	329.77	316.99
CDL15_Pgr015776	38.64	29677	41365
CDL15_Pgr015790	149.13	13820	36.78
CDL15_Pgr015796	0.17	0	0
CDL15_Pgr015802	11536	27791	44318

CDL15_Pgr015820	21.94	20121	31079
CDL15_Pgr015821	28915	44531	0.67
CDL15_Pgr015840	41.95	41.45	41.45
CDL15_Pgr015842	0.14	0	0
CDL15_Pgr015844	44411	0.88	0.27
CDL15_Pgr015853	375.95	246.51	194.13
CDL15_Pgr015860	69.06	24.14	27.14
CDL15_Pgr015862	45200	0	44348
CDL15_Pgr015865	29312	25600	15008
CDL15_Pgr015903	46.95	40.61	38.49
CDL15_Pgr015907	396.53	277.82	288.54
CDL15_Pgr015916	0.72	0	0.03
CDL15_Pgr015941	16.18	12601	33086
CDL15_Pgr015946	120.54	56.11	60.45
CDL15_Pgr015952	58.93	50.32	50.63
CDL15_Pgr015975	142.42	71.61	69.51
CDL15_Pgr015986	35.84	30376	43647
CDL15_Pgr015987	157.33	101.57	98.27
CDL15_Pgr016011	1793.58	1069.20	847.68
CDL15_Pgr016040	0.54	0	0
CDL15_Pgr016066	32.77	47423	25355
CDL15_Pgr016080	116.40	71.22	81.27
CDL15_Pgr016082	44537	27760	0
CDL15_Pgr016085	18.83	42125	0.53
CDL15_Pgr016087	757.97	290.21	210.89
CDL15_Pgr016089	47453	31199	15128
CDL15_Pgr016096	0.28	0.05	0
CDL15_Pgr016126	12479	11324	0.70
CDL15_Pgr016132	0.25	0	0
CDL15_Pgr016168	40.89	20.92	20.90
CDL15_Pgr016179	44.44	31656	42036
CDL15_Pgr016180	29.33	44490	22.41
CDL15_Pgr016184	69.41	67.31	67.53
CDL15_Pgr016199	34.71	24412	13820
CDL15_Pgr016200	16254	0.16	0.87

CDL15_Pgr016221	84.40	26.74	29.23
CDL15_Pgr016222	64.88	56.02	55.45
CDL15_Pgr016241	14671	0.95	0.22
CDL15_Pgr016246	41.54	29.20	29.20
CDL15_Pgr016249	0.45	0	0.03
CDL15_Pgr016261	43862	0	0.48
CDL15_Pgr016287	0.11	0	0
CDL15_Pgr016294	12479	44317	0
CDL15_Pgr016327	112.46	56.31	43.84
CDL15_Pgr016330	0.37	0	0
CDL15_Pgr016364	0.58	0	0
CDL15_Pgr016386	31778	0	0
CDL15_Pgr016411	41699	44531	17533
CDL15_Pgr016423	54.02	35.02	34.26
CDL15_Pgr016427	44474	22678	25569
CDL15_Pgr016436	25.79	44241	32782
CDL15_Pgr016438	175.48	128.47	132.70
CDL15_Pgr016439	0.65	0	0
CDL15_Pgr016441	0.55	0	0.11
CDL15_Pgr016445	16.38	44261	29952
CDL15_Pgr016446	21.46	34001	18994
CDL15_Pgr016459	0.60	0.36	0.39
CDL15_Pgr016471	0.26	0.07	0
CDL15_Pgr016518	212.17	91.37	98.99
CDL15_Pgr016527	0.28	0	0
CDL15_Pgr016545	0.43	0	0
CDL15_Pgr016546	72.48	54.29	54.16
CDL15_Pgr016548	53.09	32.52	27.48
CDL15_Pgr016571	44593	42005	0.80
CDL15_Pgr016577	25934	0.04	0
CDL15_Pgr016591	143.22	73.22	67.00
CDL15_Pgr016641	23.37	45323	0.73
CDL15_Pgr016646	0.27	0	0
CDL15_Pgr016657	28522	0.47	0.36
CDL15_Pgr016659	0.51	0.13	0

CDL15_Pgr016662	33604	0.39	0.23
CDL15_Pgr016663	0.22	0.09	0.03
CDL15_Pgr016701	115.84	10990	20.63
CDL15_Pgr016751	41.44	44239	11263
CDL15_Pgr016752	35.99	31199	26846
CDL15_Pgr016758	0.24	0	0
CDL15_Pgr016775	20271	0.97	0
CDL15_Pgr016781	0.44	0	0
CDL15_Pgr016813	0.87	0	0
CDL15_Pgr016821	0.98	0.21	0
CDL15_Pgr016841	35431	0	0
CDL15_Pgr016844	56.80	34.46	30.42
CDL15_Pgr016845	68.95	46844	23802
CDL15_Pgr016847	729.22	125.75	207.33
CDL15_Pgr016865	0.63	0.22	0.23
CDL15_Pgr016871	0.33	0	0
CDL15_Pgr016881	33604	0.54	0
CDL15_Pgr016905	14977	0.22	0.08
CDL15_Pgr016910	0.52	0	0
CDL15_Pgr016923	0.15	0	0.03
CDL15_Pgr016924	45748	0.27	0.69
CDL15_Pgr016929	1362.73	221.30	356.93
CDL15_Pgr016947	0.73	0.21	0
CDL15_Pgr016955	373.05	44288	26330
CDL15_Pgr016969	46753	0	0
CDL15_Pgr016970	44287	0.25	0.15
CDL15_Pgr016995	41671	18264	17533
CDL15_Pgr017017	23924	0	0
CDL15_Pgr017018	0.53	0	0
CDL15_Pgr017020	102.82	43.19	15.81
CDL15_Pgr017022	0.12	0	0
CDL15_Pgr017037	44562	0.44	0.53
CDL15_Pgr017040	318.52	96.99	73.47
CDL15_Pgr017045	60.40	15.41	41791
CDL15_Pgr017046	51.64	45.53	42.79

CDL15_Pgr017047	0.34	0	0
CDL15_Pgr017064	43497	0.56	0.70
CDL15_Pgr017078	29.35	25.34	23.93
CDL15_Pgr017102	51.29	26.88	30.82
CDL15_Pgr017107	19.47	23529	23043
CDL15_Pgr017111	0.18	0	0
CDL15_Pgr017120	0.35	0	0
CDL15_Pgr017134	21.42	44388	42675
CDL15_Pgr017144	27273	44409	44197
CDL15_Pgr017163	28522	0.57	0.99
CDL15_Pgr017166	32568	17533	0.96
CDL15_Pgr017167	258.75	199.56	195.11
CDL15_Pgr017176	15.96	12236	28611
CDL15_Pgr017181	0.12	0	0
CDL15_Pgr017187	0.94	0	0
CDL15_Pgr017191	13.29	0	0
CDL15_Pgr017197	0.14	0	0
CDL15_Pgr017204	27515	0.97	0.56
CDL15_Pgr017224	12816	0.96	0.89
CDL15_Pgr017260	43.24	30.38	32.67
CDL15_Pgr017288	464.94	179.48	234.88
CDL15_Pgr017312	0.15	0	0
CDL15_Pgr017319	45292	0	0
CDL15_Pgr017331	29434	27820	41306
CDL15_Pgr017336	0.10	0	0
CDL15_Pgr017349	281.44	47.62	25.95
CDL15_Pgr017353	249.03	71.40	32.35
CDL15_Pgr017364	1454.37	44248	34790
CDL15_Pgr017365	17.21	0	0
CDL15_Pgr017381	0.59	0.34	0.29
CDL15_Pgr017383	41.18	31.13	27.43
CDL15_Pgr017386	0.16	0	0
CDL15_Pgr017389	29252	0	0
CDL15_Pgr017403	21.94	44205	44321
CDL15_Pgr017442	27912	24167	29646

CDL15_Pgr017464	44531	0.66	0.55
CDL15_Pgr017470	44477	46784	11749
CDL15_Pgr017514	0.47	0	0
CDL15_Pgr017520	12145	0	0
CDL15_Pgr017544	17.32	17168	0.07
CDL15_Pgr017594	36.08	44342	44218
CDL15_Pgr017596	140.18	44896	11902
CDL15_Pgr017615	34790	14977	0.95
CDL15_Pgr017618	2321.69	523.88	833.85
CDL15_Pgr017626	0.19	0	0
CDL15_Pgr017630	13.56	25294	15707
CDL15_Pgr017683	288.94	35400	13.87
CDL15_Pgr017694	0.36	0	0
CDL15_Pgr017699	0.36	0	0
CDL15_Pgr017709	0.53	0	0
CDL15_Pgr017710	0.51	0	0
CDL15_Pgr017719	0.80	0	0
CDL15_Pgr017721	360.25	68.41	56.01
CDL15_Pgr017793	50.95	44377	21.29
CDL15_Pgr017809	22251	44473	42005
CDL15_Pgr017816	0.72	0	0
CDL15_Pgr017819	48.32	43.75	44.59
CDL15_Pgr017860	22.73	30651	14580
CDL15_Pgr017887	45.13	11414	0.96
CDL15_Pgr017888	0.95	0	0
CDL15_Pgr017889	30.26	17.49	44515
CDL15_Pgr017900	0.47	0	0
CDL15_Pgr017910	128.71	38.72	20424
CDL15_Pgr017928	43160	0.58	0.57
CDL15_Pgr017961	21.87	11018	45474
CDL15_Pgr017967	24.46	24807	30956
CDL15_Pgr017972	15827	0.39	0.83
CDL15_Pgr017974	28672	44379	0.23
CDL15_Pgr017976	25235	41640	47119
CDL15_Pgr017977	25.21	21217	13271

CDL15_Pgr017978	303.57	60.96	18.43
CDL15_Pgr017979	136.05	44197	21671
CDL15_Pgr018011	0.44	0	0
CDL15_Pgr018016	0.74	0	0
CDL15_Pgr018031	2038.82	789.95	392.85
CDL15_Pgr018058	18810	25235	44503
CDL15_Pgr018068	16254	41275	32874
CDL15_Pgr018074	26.60	24.66	23.93
CDL15_Pgr018084	177.51	72.33	91.99
CDL15_Pgr018101	408.50	108.11	91.14
CDL15_Pgr018127	29952	0.22	0
CDL15_Pgr018132	44503	0.68	0.75
CDL15_Pgr018133	0.12	0	0
CDL15_Pgr018135	64.27	31.18	36.02
CDL15_Pgr018136	25781	46082	45352
CDL15_Pgr018142	44443	32540	29983
CDL15_Pgr018156	799.73	521.03	482.75
CDL15_Pgr018157	11049	46388	44378
CDL15_Pgr018166	13.54	31837	20821
CDL15_Pgr018180	35247	27760	0
CDL15_Pgr018184	11841	46753	0.72
CDL15_Pgr018185	19.72	32690	31472
CDL15_Pgr018188	13606	0.77	16803
CDL15_Pgr018205	6.00	0.48	45658
CDL15_Pgr018221	44242	32813	32417
CDL15_Pgr018222	0.60	0	0
CDL15_Pgr018243	108.27	26.24	22.48
CDL15_Pgr018263	13940	0.53	0.14
CDL15_Pgr018264	29.21	10.00	16072
CDL15_Pgr018278	0.12	0	0
CDL15_Pgr018283	0.21	0	0
CDL15_Pgr018286	0.41	0	0.07
CDL15_Pgr018303	0.89	0.53	0.59
CDL15_Pgr018320	379.95	54.04	113.73
CDL15_Pgr018321	90.96	53.33	59.83

CDL15_Pgr018346	15707	0	0.12
CDL15_Pgr018349	295.67	18.32	45.60
CDL15_Pgr018350	49.68	13.33	34304
CDL15_Pgr018362	147.09	16.64	40.37
CDL15_Pgr018368	0.64	0	0
CDL15_Pgr018371	66.38	46357	0.24
CDL15_Pgr018372	0.26	0	0
CDL15_Pgr018396	0.51	0.15	0
CDL15_Pgr018397	31809	0	0
CDL15_Pgr018403	0.37	0	0
CDL15_Pgr018419	66.92	53.14	50.13
CDL15_Pgr018426	44593	0	0
CDL15_Pgr018428	44501	0	0
CDL15_Pgr018443	0.60	0.31	0.19
CDL15_Pgr018453	29860	0	0.36
CDL15_Pgr018461	0.14	0	0
CDL15_Pgr018467	0.31	0	0
CDL15_Pgr018475	25416	11689	0.70
CDL15_Pgr018476	0.24	0	0
CDL15_Pgr018489	79.50	45.10	39.33
CDL15_Pgr018510	14246	0.31	0
CDL15_Pgr018521	0.19	0	0
CDL15_Pgr018529	20760	23193	29342
CDL15_Pgr018535	20.24	44470	0
CDL15_Pgr018536	447.59	42.99	20.36
CDL15_Pgr018537	111.99	68.90	72.51
CDL15_Pgr018546	0.52	0.16	0
CDL15_Pgr018554	160.94	86.89	101.92
CDL15_Pgr018565	1489.43	116.62	227.47
CDL15_Pgr018567	5015.55	286.74	335.72
CDL15_Pgr018597	19.84	21002	24198
CDL15_Pgr018600	44532	0	0
CDL15_Pgr018612	29860	30011	27791
CDL15_Pgr018613	42.56	0.75	16132
CDL15_Pgr018614	44397	36100	23316

CDL15_Pgr018616	0.45	0.10	0
CDL15_Pgr018621	16072	0.18	0
CDL15_Pgr018635	0.40	0	0
CDL15_Pgr018643	34455	0.48	0.09
CDL15_Pgr018648	0.22	0	0
CDL15_Pgr018650	192.32	15.30	34669
CDL15_Pgr018653	66.35	51.54	52.36
CDL15_Pgr018669	44470	0.17	0
CDL15_Pgr018677	23.97	18.58	18.51
CDL15_Pgr018688	21.62	14611	0.15
CDL15_Pgr018697	19.24	25993	44443
CDL15_Pgr018703	44256	0	0
CDL15_Pgr018705	56.70	24929	42064
CDL15_Pgr018713	22.58	15585	28946
CDL15_Pgr018716	33604	0.53	0.14
CDL15_Pgr018721	307.12	139.65	64.73
CDL15_Pgr018732	41.22	33.09	34.50
CDL15_Pgr018733	0.87	0.16	0.10
CDL15_Pgr018736	78.32	52.52	52.51
CDL15_Pgr018741	33239	0	0
CDL15_Pgr018743	29.56	15.25	44166
CDL15_Pgr018745	19025	0.20	0.58
CDL15_Pgr018767	34973	44743	21702
CDL15_Pgr018778	28887	17533	15707
CDL15_Pgr018787	29160	30195	19603
CDL15_Pgr018793	222.36	59.68	58.33
CDL15_Pgr018813	0.09	0	0
CDL15_Pgr018816	31413	0.48	0.57
CDL15_Pgr018820	31.04	23.24	23.14
CDL15_Pgr018831	0.47	0	0
CDL15_Pgr018834	0.35	0	0
CDL15_Pgr018845	186.73	122.67	109.59
CDL15_Pgr018848	0.28	0.04	0
CDL15_Pgr018853	617.28	190.46	211.64
CDL15_Pgr018861	32933	42795	42795

CDL15_Pgr018864	28307	11720	24869
CDL15_Pgr018876	0.98	0	0
CDL15_Pgr018903	38.54	35247	22798
CDL15_Pgr018961	0.12	0.03	0
CDL15_Pgr018970	0.80	0	0
CDL15_Pgr018975	101.99	38.76	37.70
CDL15_Pgr018980	215.02	92.38	37.00
CDL15_Pgr018996	46447	0.09	0.30
CDL15_Pgr018999	44230	0.94	44287
CDL15_Pgr019010	51.16	18.84	34425
CDL15_Pgr019020	23346	47300	33329
CDL15_Pgr019022	20455	0	0
CDL15_Pgr019024	0.89	0	0
CDL15_Pgr019029	51.90	44326	19968
CDL15_Pgr019030	100.03	16.76	35034
CDL15_Pgr019048	0.49	0	0
CDL15_Pgr019054	13.51	42095	23012
CDL15_Pgr019064	44506	31837	32905
CDL15_Pgr019074	74.68	0.10	0
CDL15_Pgr019077	1445.07	187.91	105.10
CDL15_Pgr019079	35796	0.35	0.06
CDL15_Pgr019119	102.94	67.11	54.42
CDL15_Pgr019129	0.85	0.07	0.04
CDL15_Pgr019130	11049	31413	23377
CDL15_Pgr019131	34425	0.71	0
CDL15_Pgr019135	44207	21794	19238
CDL15_Pgr019136	44410	0	0
CDL15_Pgr019140	11780	27426	36192
CDL15_Pgr019182	0.68	0	0
CDL15_Pgr019186	19.82	31929	36251
CDL15_Pgr019210	47178	26299	32509
CDL15_Pgr019226	32843	0.60	0
CDL15_Pgr019227	158.43	86.04	89.72
CDL15_Pgr019228	54.59	48.43	45.60
CDL15_Pgr019239	36192	0	0

CDL15_Pgr019255	15.31	0	22678
CDL15_Pgr019261	72.25	41.13	39.53
CDL15_Pgr019262	122.02	35.39	52.72
CDL15_Pgr019263	41.78	30.60	30.28
CDL15_Pgr019271	0.37	0	0
CDL15_Pgr019275	31444	0	0
CDL15_Pgr019278	66.88	46.06	48.47
CDL15_Pgr019279	27912	24167	29646
CDL15_Pgr019346	0.12	0	0
CDL15_Pgr019352	24563	31444	18660
CDL15_Pgr019373	42036	0	0.23
CDL15_Pgr019391	1272.24	810.59	804.73
CDL15_Pgr019431	19876	0	0.14
CDL15_Pgr019432	0.60	0.39	0.33
CDL15_Pgr019446	36.10	15220	24504
CDL15_Pgr019456	31809	0	0
CDL15_Pgr019470	0.37	0.08	0.05
CDL15_Pgr019471	0.37	0.08	0.05
CDL15_Pgr019481	46419	0.23	0
CDL15_Pgr019483	0.53	0	0
CDL15_Pgr019491	803.42	286.67	310.51
CDL15_Pgr019492	25294	0.51	0.78
CDL15_Pgr019513	0.98	0	0
CDL15_Pgr019517	0.18	0	0
CDL15_Pgr019529	0.63	0.17	0.27
CDL15_Pgr019544	0.24	0	0
CDL15_Pgr019545	19360	0	0
CDL15_Pgr019555	13028	32629	41395
CDL15_Pgr019568	18.56	22221	15676
CDL15_Pgr019618	52.72	44377	44252
CDL15_Pgr019631	25.77	28157	0.41
CDL15_Pgr019635	43831	0	0
CDL15_Pgr019637	0.09	0	0
CDL15_Pgr019656	50.16	25.61	18.94
CDL15_Pgr019662	0.29	0	0

CDL15_Pgr019667	14.17	0	41640
CDL15_Pgr019668	0.16	0	0
CDL15_Pgr019684	0.52	0	0
CDL15_Pgr019688	393.62	90.65	83.54
CDL15_Pgr019689	46753	0.30	0
CDL15_Pgr019712	1583.23	247.58	62.60
CDL15_Pgr019734	44264	15067	5.00
CDL15_Pgr019741	16132	35431	13881
CDL15_Pgr019742	47239	34335	20455
CDL15_Pgr019751	0.72	0	0
CDL15_Pgr019788	0.26	0	0
CDL15_Pgr019791	22.38	14.65	15.65
CDL15_Pgr019813	0.85	0	0
CDL15_Pgr019818	824.71	235.88	161.12
CDL15_Pgr019834	43101	0	0
CDL15_Pgr019868	123.36	96.78	99.38
CDL15_Pgr019877	27089	0.46	0.49
CDL15_Pgr019912	193.70	57.64	25173
CDL15_Pgr019930	13.92	20455	0.82
CDL15_Pgr019934	386.04	232.39	197.70
CDL15_Pgr019944	49.16	18445	11140
CDL15_Pgr019945	20821	0.30	0
CDL15_Pgr019951	28157	44927	0.81
CDL15_Pgr019953	44593	0.65	0.85
CDL15_Pgr019962	0.25	0	0
CDL15_Pgr019963	97.77	35.09	44459
CDL15_Pgr019966	395.83	73.56	144.60
CDL15_Pgr019980	21.53	19.43	19.28
CDL15_Pgr019989	13.68	34608	29099
CDL15_Pgr020001	411.51	212.18	126.57
CDL15_Pgr020002	162.04	34.78	43800
CDL15_Pgr020012	249.71	157.31	137.52
CDL15_Pgr020015	47.27	22.32	22.20
CDL15_Pgr020037	153.90	65.80	35.44
CDL15_Pgr020041	86.35	27.56	38.52

CDL15_Pgr020061	104.19	72.48	71.22
CDL15_Pgr020067	192.21	144.44	139.53
CDL15_Pgr020068	0.37	0.03	0
CDL15_Pgr020072	355.67	259.05	213.81
CDL15_Pgr020077	18.91	17.38	17.19
CDL15_Pgr020079	780.66	546.64	534.60
CDL15_Pgr020082	61.79	41.63	39.29
CDL15_Pgr020083	129.91	119.69	121.77
CDL15_Pgr020092	0.22	0	0
CDL15_Pgr020107	26696	0.40	0.78
CDL15_Pgr020123	219.12	113.41	100.08
CDL15_Pgr020132	106.13	94.12	96.55
CDL15_Pgr020133	0.57	0	0
CDL15_Pgr020149	99.55	57.72	57.40
CDL15_Pgr020163	13547	0	0
CDL15_Pgr020165	0.22	0	0
CDL15_Pgr020166	69.84	44466	44220
CDL15_Pgr020167	79.93	44.29	48.20
CDL15_Pgr020183	0.62	0	0
CDL15_Pgr020193	47.53	40.34	38.63
CDL15_Pgr020196	27.86	14.95	43344
CDL15_Pgr020207	77.48	44256	33635
CDL15_Pgr020215	0.17	0	0
CDL15_Pgr020216	0.12	0	0
CDL15_Pgr020220	823.05	295.03	230.58
CDL15_Pgr020221	38.98	32021	26177
CDL15_Pgr020222	53.05	33.21	31.72
CDL15_Pgr020232	61.55	43.22	38.50
CDL15_Pgr020234	0.11	0	0
CDL15_Pgr020242	49.15	24.62	15.66
CDL15_Pgr020254	44470	0.63	0.71
CDL15_Pgr020261	44199	0	0.39
CDL15_Pgr020267	17.39	44239	29891
CDL15_Pgr020348	170.10	19.47	44.71
CDL15_Pgr020361	44229	11324	44378

CDL15_Pgr020364	27.62	0.17	0.71
CDL15_Pgr020365	113.24	15.33	27.14
CDL15_Pgr020375	14.69	45992	13119
CDL15_Pgr020384	39.60	29.60	31.68
CDL15_Pgr020395	0.49	0.05	0
CDL15_Pgr020400	23043	45292	20090
CDL15_Pgr020401	120.94	65.47	68.49
CDL15_Pgr020402	1521.68	120.42	25.64
CDL15_Pgr020417	44447	0	0
CDL15_Pgr020419	20.86	19.63	19.36
CDL15_Pgr020422	0.66	0	0
CDL15_Pgr020429	28.70	26.98	27.20
CDL15_Pgr020432	44472	0.96	0.77
CDL15_Pgr020455	20.55	13547	0.30
CDL15_Pgr020461	32994	12420	31778
CDL15_Pgr020466	29252	0.83	0.64
CDL15_Pgr020474	44282	0	0.19
CDL15_Pgr020477	206.55	90.95	40.38
CDL15_Pgr020480	1366.77	358.86	63.33
CDL15_Pgr020484	157.29	54.86	17502
CDL15_Pgr020494	21.77	16.35	15.72
CDL15_Pgr020498	34366	0.38	0.07
CDL15_Pgr020500	25.18	28522	0.96
CDL15_Pgr020502	21582	0.81	0.92
CDL15_Pgr020513	15.44	26024	11810
CDL15_Pgr020524	21186	0	0
CDL15_Pgr020525	42767	0.08	0
CDL15_Pgr020528	12785	0	0.07
CDL15_Pgr020531	0.90	0.29	0.03
CDL15_Pgr020536	106.16	37.24	47.08
CDL15_Pgr020537	0.52	0	0
CDL15_Pgr020540	94.69	24.23	28.49
CDL15_Pgr020541	68.33	43221	18.54
CDL15_Pgr020544	0.28	0.14	0.08
CDL15_Pgr020555	57.26	42.75	36.08

CDL15_Pgr020557	60.45	44.77	44.56
CDL15_Pgr020558	13210	0	0
CDL15_Pgr020559	44354	10959	0
CDL15_Pgr020567	192.40	115.42	120.00
CDL15_Pgr020570	26696	0.95	0.14
CDL15_Pgr020573	101.59	71.46	72.58
CDL15_Pgr020577	23377	0	0
CDL15_Pgr020590	192.38	81.98	90.58
CDL15_Pgr020605	43891	0.90	0.94
CDL15_Pgr020610	0.12	0	0
CDL15_Pgr020627	0.90	0	0
CDL15_Pgr020638	12420	0	0
CDL15_Pgr020646	31656	0.32	0.53
CDL15_Pgr020647	44423	44230	0.54
CDL15_Pgr020648	23.97	16103	20486
CDL15_Pgr020674	0.67	0	0
CDL15_Pgr020684	44409	0	0.21
CDL15_Pgr020717	1006.61	193.18	66.96
CDL15_Pgr020831	45778	42736	0.08
CDL15_Pgr020833	27.94	44417	28185
CDL15_Pgr020850	26724	0.37	0.20
CDL15_Pgr020851	25993	0.36	0
CDL15_Pgr020852	17868	0	0
CDL15_Pgr020863	15.53	32721	42248
CDL15_Pgr020872	44409	44532	26299
CDL15_Pgr020903	0.32	0	0
CDL15_Pgr020914	0.86	0.11	0
CDL15_Pgr020960	0.30	0	0
CDL15_Pgr020973	44224	29799	17168
CDL15_Pgr020990	0.66	0.06	0
CDL15_Pgr020994	62.70	14.16	44239
CDL15_Pgr021009	50.85	43.89	41.87
CDL15_Pgr021028	28795	0	0
CDL15_Pgr021031	44229	0	0.15
CDL15_Pgr021034	0.74	0	0

CDL15_Pgr021042	13881	0	0
CDL15_Pgr021056	46023	0	0
CDL15_Pgr021086	0.19	0	0
CDL15_Pgr021116	72.35	43647	18568
CDL15_Pgr021117	38.81	26.72	21.84
CDL15_Pgr021134	61.88	26999	18.54
CDL15_Pgr021143	21276	0.14	0.14
CDL15_Pgr021150	14.78	16558	13547
CDL15_Pgr021165	13210	28126	23743
CDL15_Pgr021187	0.59	0	0
CDL15_Pgr021200	0.30	0	0
CDL15_Pgr021256	308.95	164.99	110.07
CDL15_Pgr021292	85.28	22.30	20.87
CDL15_Pgr021314	0.56	0	0.05
CDL15_Pgr021317	1229.39	911.09	946.72
CDL15_Pgr021334	0.57	0.35	0.28
CDL15_Pgr021338	25965	0.67	0
CDL15_Pgr021343	0.89	0.15	0
CDL15_Pgr021351	30.17	22494	16103
CDL15_Pgr021356	11749	0.41	0.33
CDL15_Pgr021377	57.92	24746	20.14
CDL15_Pgr021378	11963	27760	0.20
CDL15_Pgr021379	13881	0	0.11
CDL15_Pgr021395	47300	0.47	0.61
CDL15_Pgr021402	213.16	86.56	37.00
CDL15_Pgr021403	494.08	35.30	32.50
CDL15_Pgr021418	27760	0	0
CDL15_Pgr021426	16619	35490	11383
CDL15_Pgr021439	44243	0.70	0.51
CDL15_Pgr021471	18841	0	0
CDL15_Pgr021472	16193	0	0.13
CDL15_Pgr021473	0.10	0	0
CDL15_Pgr021478	45047	0	0.91
CDL15_Pgr021507	82.34	0.83	0.15
CDL15_Pgr021527	0.20	0	0

CDL15_Pgr021531	4074.67	227.01	128.19
CDL15_Pgr021560	42.14	38.18	36.72
CDL15_Pgr021563	34.45	15585	20880
CDL15_Pgr021565	0.64	0.10	0
CDL15_Pgr021590	52.41	21.13	18.18
CDL15_Pgr021591	0.45	0	0
CDL15_Pgr021602	50.06	44.91	45.63
CDL15_Pgr021610	0.45	0	0
CDL15_Pgr021651	43.74	33512	29921
CDL15_Pgr021653	217.16	47.20	57.66
CDL15_Pgr021678	1033.66	797.43	730.25
CDL15_Pgr021680	31.79	19.41	44333
CDL15_Pgr021694	451.29	61.87	44463
CDL15_Pgr021695	63.09	35.00	25.79
CDL15_Pgr021697	46997	43831	20455
CDL15_Pgr021700	0.34	0	0
CDL15_Pgr021706	0.35	0.18	0.15
CDL15_Pgr021724	61.65	43.72	37.35
CDL15_Pgr021743	35462	0.36	0.89
CDL15_Pgr021754	693.66	43952	28611
CDL15_Pgr021755	97.55	72.96	70.39
CDL15_Pgr021781	27942	44348	14032
CDL15_Pgr021796	331.56	73.30	67.14
CDL15_Pgr021823	0.23	0	0
CDL15_Pgr021831	0.81	0.21	0
CDL15_Pgr021837	44232	41699	27426
CDL15_Pgr021839	44506	34700	0.90
CDL15_Pgr021847	0.84	0	0
CDL15_Pgr021849	178.58	22.13	34731
CDL15_Pgr021856	36220	0	0
CDL15_Pgr021861	0.56	0	0
CDL15_Pgr021867	12420	0.26	0.17
CDL15_Pgr021870	0.67	0	0.07
CDL15_Pgr021872	29252	0.74	0
CDL15_Pgr021874	47.59	26.23	29.55

CDL15_Pgr021877	29618	46419	44229
CDL15_Pgr021886	17.82	0	0.66
CDL15_Pgr021898	21976	0	0
CDL15_Pgr021927	0.17	0	0
CDL15_Pgr021957	0.22	0	0
CDL15_Pgr022017	44323	4.00	31837
CDL15_Pgr022023	29860	44294	45505
CDL15_Pgr022026	44234	44351	42064
CDL15_Pgr022041	23.56	30498	44386
CDL15_Pgr022057	19.63	44197	43132
CDL15_Pgr022058	13912	0	0.47
CDL15_Pgr022080	0.49	0.11	0
CDL15_Pgr022096	5068.07	124.94	205.15
CDL15_Pgr022117	0.18	0	0
CDL15_Pgr022137	0.66	0	0
CDL15_Pgr022193	135.44	104.37	110.21
CDL15_Pgr022219	82.28	19.54	44462
CDL15_Pgr022221	44378	0	0
CDL15_Pgr022224	14.58	0.61	28157
CDL15_Pgr022239	0.22	0	0
CDL15_Pgr022241	0.58	0.27	0.21
CDL15_Pgr022260	16.26	17076	41913
CDL15_Pgr022272	0.64	0.20	0.17
CDL15_Pgr022273	39.25	20576	44198
CDL15_Pgr022275	0.10	0	0
CDL15_Pgr022278	246.75	90.93	99.10
CDL15_Pgr022286	117.02	98.36	90.02
CDL15_Pgr022300	66.50	56.11	55.54
CDL15_Pgr022345	15432	12785	0.22
CDL15_Pgr022347	0.42	0	0
CDL15_Pgr022374	14.79	44236	33055
CDL15_Pgr022384	27426	0	0
CDL15_Pgr022394	35156	0.12	0.19
CDL15_Pgr022410	35551	0	43831
CDL15_Pgr022415	44229	46023	13881

CDL15_Pgr022418	44368	24716	45444
CDL15_Pgr022419	12086	0.04	0.37
CDL15_Pgr022423	90.30	65.32	56.13
CDL15_Pgr022446	12298	44228	21582
CDL15_Pgr022455	63.33	26.46	32.60
CDL15_Pgr022468	44198	0.72	0.54
CDL15_Pgr022471	44383	15008	0.93
CDL15_Pgr022477	15.27	27030	0.15
CDL15_Pgr022479	44266	23437	33635
CDL15_Pgr022484	0.14	0	0
CDL15_Pgr022500	22007	0.66	0.70
CDL15_Pgr022501	0.97	0	0
CDL15_Pgr022508	95.02	20.14	28004
CDL15_Pgr022518	22.61	27426	35462
CDL15_Pgr022521	46784	0.87	44256
CDL15_Pgr022545	536.11	14.41	46.22
CDL15_Pgr022558	172.25	124.99	116.72
CDL15_Pgr022562	3017.30	124.45	340.96
CDL15_Pgr022566	43831	0	0.11
CDL15_Pgr022567	19.21	44205	15158
CDL15_Pgr022577	239.66	58.00	49.89
CDL15_Pgr022599	343.38	176.55	143.37
CDL15_Pgr022623	0.38	0	0
CDL15_Pgr022634	121.48	64.13	59.78
CDL15_Pgr022644	28.30	14.45	8.00
CDL15_Pgr022645	6.00	12451	26299
CDL15_Pgr022653	305.94	234.18	240.41
CDL15_Pgr022657	0.38	0	0
CDL15_Pgr022679	3.00	24108	15342
CDL15_Pgr022694	44303	13820	14185
CDL15_Pgr022696	17958	11324	0.83
CDL15_Pgr022699	49.88	31747	17227
CDL15_Pgr022713	24.40	44483	44896
CDL15_Pgr022716	44212	27912	23559
CDL15_Pgr022720	0.74	0	0

CDL15_Pgr022723	42370	0.44	0.38
CDL15_Pgr022724	47119	0	0
CDL15_Pgr022741	139.38	72.32	58.42
CDL15_Pgr022756	15036	41671	13912
CDL15_Pgr022759	24.40	20.45	20.71
CDL15_Pgr022762	11810	45292	44228
CDL15_Pgr022767	0.97	0.34	0.38
CDL15_Pgr022770	87.09	46905	24563
CDL15_Pgr022774	0.47	0.14	0
CDL15_Pgr022782	138.50	87.04	65.37
CDL15_Pgr022785	652.53	336.05	242.05
CDL15_Pgr022788	19694	44386	18080
CDL15_Pgr022816	132.25	119.03	117.58
CDL15_Pgr022823	25993	0.48	0.70
CDL15_Pgr022829	44252	44421	30225
CDL15_Pgr022832	64.73	47.64	45.50
CDL15_Pgr022852	14.80	32933	35886
CDL15_Pgr022864	172.63	22129	44416
CDL15_Pgr022865	0.46	0	0
CDL15_Pgr022866	31168	12510	16893
CDL15_Pgr022876	0.48	0	0
CDL15_Pgr022879	28157	44197	44378
CDL15_Pgr022881	32082	16163	30742
CDL15_Pgr022883	21217	41275	0.93
CDL15_Pgr022897	45292	0	0
CDL15_Pgr022898	0.58	0	0.10
CDL15_Pgr022926	0.20	0.10	0.07
CDL15_Pgr022934	29.35	15888	47453
CDL15_Pgr022943	44534	0	0
CDL15_Pgr022948	29587	0	0
CDL15_Pgr022994	797.97	60.64	20.83
CDL15_Pgr022998	1630.94	665.40	307.71
CDL15_Pgr022999	20.51	27851	0.40
CDL15_Pgr023004	22798	42064	15401
CDL15_Pgr023010	192.15	109.82	83.86

CDL15_Pgr023015	0.13	0	0
CDL15_Pgr023025	14642	0	0.48
CDL15_Pgr023034	0.26	0	0
CDL15_Pgr023035	44506	12114	22341
CDL15_Pgr023056	19085	43466	0
CDL15_Pgr023066	0.25	0	0
CDL15_Pgr023070	46631	44986	35065
CDL15_Pgr023073	62.96	39.03	33.96
CDL15_Pgr023083	0.20	0	0
CDL15_Pgr023085	0.76	0.41	0.31
CDL15_Pgr023091	905.66	49.15	125.74
CDL15_Pgr023093	30103	14611	20121
CDL15_Pgr023101	36161	0	0
CDL15_Pgr023103	13881	0	0
CDL15_Pgr023106	41640	0.09	0.23
CDL15_Pgr023107	274.44	83.33	22.83
CDL15_Pgr023113	76.40	46.16	39.13
CDL15_Pgr023114	41791	28216	35156
CDL15_Pgr023126	0.09	0	0
CDL15_Pgr023128	44481	44354	25385
CDL15_Pgr023130	17930	0.33	0.42
CDL15_Pgr023132	0.89	0.36	0.43
CDL15_Pgr023158	151.10	92.61	91.29
CDL15_Pgr023170	125.91	45.50	63.10
CDL15_Pgr023172	14001	0.30	0.35
CDL15_Pgr023181	16954	20090	0.74
CDL15_Pgr023184	44238	0	0
CDL15_Pgr023188	2950.73	1609.23	1762.23
CDL15_Pgr023189	63.03	44378	0.28
CDL15_Pgr023190	61.67	36.89	33.52
CDL15_Pgr023191	0.38	0	0
CDL15_Pgr023193	25.68	22.64	22.72
CDL15_Pgr023194	44.37	38.75	39.29
CDL15_Pgr023195	28157	0.29	0
CDL15_Pgr023196	13636	0.57	0.12

CDL15_Pgr023209	273.80	242.58	231.88
CDL15_Pgr023238	36495	29618	14977
CDL15_Pgr023243	17199	0.70	0
CDL15_Pgr023253	0.13	0	0
CDL15_Pgr023262	0.59	0	0
CDL15_Pgr023292	0.26	0	0
CDL15_Pgr023298	0.10	0	0
CDL15_Pgr023304	0.15	0	0
CDL15_Pgr023318	24838	0	0.27
CDL15_Pgr023325	44353	22282	17533
CDL15_Pgr023328	19238	23774	16497
CDL15_Pgr023332	43313	0.99	0.37
CDL15_Pgr023336	0.14	0	0
CDL15_Pgr023352	44287	43831	23377
CDL15_Pgr023363	24.18	36008	13394
CDL15_Pgr023364	21551	0	0
CDL15_Pgr023372	81.07	53.90	45.10
CDL15_Pgr023391	163.16	27.44	25.97
CDL15_Pgr023396	240.05	101.20	95.54
CDL15_Pgr023409	35796	10959	13150
CDL15_Pgr023413	348.47	48.67	58.91
CDL15_Pgr023459	0.93	0	0
CDL15_Pgr023464	0.31	0	0
CDL15_Pgr023476	20546	44442	23043
CDL15_Pgr023499	44542	18445	44234
CDL15_Pgr023506	13.21	14458	13028
CDL15_Pgr023521	44105	21186	0.80
CDL15_Pgr023523	35217	44287	0.20
CDL15_Pgr023527	67.07	32.85	44246
CDL15_Pgr023566	69.58	59.04	55.46
CDL15_Pgr023583	27.87	15.98	31382
CDL15_Pgr023584	0.19	0	0
CDL15_Pgr023608	16072	0	0
CDL15_Pgr023621	15342	0	0
CDL15_Pgr023626	235.27	124.13	115.75

CDL15_Pgr023627	23224	0.56	41640
CDL15_Pgr023634	36.43	22.97	22.56
CDL15_Pgr023649	29099	13150	0
CDL15_Pgr023657	54.99	17.52	35186
CDL15_Pgr023685	218.45	95.69	98.49
CDL15_Pgr023701	0.27	0	0
CDL15_Pgr023725	55.30	49.94	48.91
CDL15_Pgr023747	0.23	0	0
CDL15_Pgr023759	114.40	44276	21.95
CDL15_Pgr023765	0.41	0	0
CDL15_Pgr023771	14519	26785	31107
CDL15_Pgr023773	97.42	41.63	40.51
CDL15_Pgr023776	31.51	30.52	30.19
CDL15_Pgr023780	43831	0.48	0.15
CDL15_Pgr023880	307.21	63.55	94.30
CDL15_Pgr023915	0.48	0	0
CDL15_Pgr023916	59.51	37.54	42.06
CDL15_Pgr023932	103.46	15.77	25.73
CDL15_Pgr023933	44958	0	0
CDL15_Pgr023937	0.32	0	0
CDL15_Pgr023938	23377	0	0
CDL15_Pgr023939	0.23	0	0
CDL15_Pgr023940	24929	0.14	0.16
CDL15_Pgr023941	44287	0.31	0.17
CDL15_Pgr023942	22313	0	0
CDL15_Pgr023945	44805	0	0
CDL15_Pgr023947	22494	0.49	0.92
CDL15_Pgr023969	32568	0.59	0.36
CDL15_Pgr023979	44317	0	0
CDL15_Pgr023987	20699	44713	26451
CDL15_Pgr024002	0.19	0.03	0
CDL15_Pgr024007	0.32	0	0
CDL15_Pgr024028	0.60	0	0
CDL15_Pgr024036	32933	11324	46388
CDL15_Pgr024060	85.61	16.39	17.38

CDL15_Pgr024063	44501	0.92	0.96
CDL15_Pgr024073	0.48	0.04	0.13
CDL15_Pgr024109	98.47	51.57	41.56
CDL15_Pgr024111	13.71	11444	44256
CDL15_Pgr024114	0.34	0	0
CDL15_Pgr024117	41365	14611	0.98
CDL15_Pgr024118	13912	0.23	0
CDL15_Pgr024120	61.62	18568	25934
CDL15_Pgr024129	126.49	35.66	44439
CDL15_Pgr024141	0.10	0	0
CDL15_Pgr024163	35.09	21.67	23.72
CDL15_Pgr024180	0.48	0	0
CDL15_Pgr024188	120.17	62.72	72.27
CDL15_Pgr024197	43101	0.08	0
CDL15_Pgr024200	0.69	0.04	0.08
CDL15_Pgr024227	29738	0	0.49
CDL15_Pgr024232	18354	35431	44198
CDL15_Pgr024242	554.79	189.89	32.90
CDL15_Pgr024244	554.79	189.89	32.90
CDL15_Pgr024246	42.05	44561	31.26
CDL15_Pgr024274	38.72	31413	0.75
CDL15_Pgr024280	0.40	0	0.04
CDL15_Pgr024285	320.39	103.56	48.99
CDL15_Pgr024295	32568	0	0
CDL15_Pgr024301	326.26	63.10	87.75
CDL15_Pgr024308	90.37	74.65	70.27
CDL15_Pgr024310	44204	30742	43497
CDL15_Pgr024352	47150	0.86	0.44
CDL15_Pgr024364	21.99	18.49	19.13
CDL15_Pgr024371	0.39	0	0
CDL15_Pgr024373	0.96	0	0
CDL15_Pgr024379	16834	0	0
CDL15_Pgr024391	124.56	48.11	16.56
CDL15_Pgr024393	44448	22647	27791
CDL15_Pgr024399	44202	0.32	44501

CDL15_Pgr024401	34943	0.52	0.17
CDL15_Pgr024406	47.58	24807	44240
CDL15_Pgr024423	213.58	120.29	98.90
CDL15_Pgr024440	14.65	30225	44136
CDL15_Pgr024445	71.60	60.40	60.11
CDL15_Pgr024448	0.46	0.32	0.30
CDL15_Pgr024456	490.67	117.17	78.25
CDL15_Pgr024459	26.45	32325	0
CDL15_Pgr024480	24.45	16.35	17.64
CDL15_Pgr024486	13181	0	0
CDL15_Pgr024493	10990	22647	17899
CDL15_Pgr024494	0.19	0	0
CDL15_Pgr024499	17199	0.51	0.36
CDL15_Pgr024509	15.15	46023	23774
CDL15_Pgr024511	324.12	306.96	303.37
CDL15_Pgr024512	34.13	31959	13.48
CDL15_Pgr024521	0.94	0	0
CDL15_Pgr024524	50.45	14.48	11810
CDL15_Pgr024529	100.36	95.76	94.87
CDL15_Pgr024536	0.36	0.08	0.09
CDL15_Pgr024538	133.64	72.54	75.83
CDL15_Pgr024556	0.31	0	0
CDL15_Pgr024557	71.53	32540	19146
CDL15_Pgr024558	43617	27030	0.56
CDL15_Pgr024579	548.60	422.78	447.70
CDL15_Pgr024581	153.55	99.79	79.42
CDL15_Pgr024600	0.28	0	0
CDL15_Pgr024613	0.43	0.11	0.06
CDL15_Pgr024629	0.87	0	0
CDL15_Pgr024643	0.14	0	0
CDL15_Pgr024771	0.17	0	0
CDL15_Pgr024777	22678	0	0
CDL15_Pgr024789	0.21	0	0
CDL15_Pgr024830	41699	0.68	0.18
CDL15_Pgr024869	13.87	3.00	0.19

CDL15_Pgr024907	36.20	4.00	44044
CDL15_Pgr024931	76.20	30.89	16.50
CDL15_Pgr024951	44377	22.91	23.64
CDL15_Pgr024964	0.57	0	0
CDL15_Pgr024965	33664	44256	0
CDL15_Pgr024977	153.70	41.17	15281
CDL15_Pgr024988	34.58	35521	16497
CDL15_Pgr024994	44239	32660	30834
CDL15_Pgr025002	26.44	13881	0.35
CDL15_Pgr025004	45627	20515	34366
CDL15_Pgr025022	19329	22828	44384
CDL15_Pgr025049	396.17	142.54	156.84
CDL15_Pgr025055	16.13	14.15	13.63
CDL15_Pgr025069	36.77	0.88	44445
CDL15_Pgr025070	82.62	49.83	43.88
CDL15_Pgr025091	42675	17533	0.70
CDL15_Pgr025110	34029	0	0.23
CDL15_Pgr025121	270.58	25.49	32021
CDL15_Pgr025128	44075	44443	10990
CDL15_Pgr025133	0.16	0	0
CDL15_Pgr025134	0.49	0	0
CDL15_Pgr025143	0.76	0.22	0
CDL15_Pgr025162	164.99	33.80	35.50
CDL15_Pgr025164	24746	17168	44471
CDL15_Pgr025165	118.54	40.50	14.90
CDL15_Pgr025189	20.44	26665	30437
CDL15_Pgr025196	31321	33635	47119
CDL15_Pgr025202	0.10	0	0
CDL15_Pgr025207	17.42	13575	33329
CDL15_Pgr025209	24.65	33147	20241
CDL15_Pgr025212	11444	12816	25569
CDL15_Pgr025215	536.86	115.46	35.00
CDL15_Pgr025217	44075	43160	11018
CDL15_Pgr025239	2016.87	217.68	237.04
CDL15_Pgr025244	15008	0.75	0.84

CDL15_Pgr025246	89.82	41.27	37.48
CDL15_Pgr025250	0.32	0	0
CDL15_Pgr025253	0.10	0	0
CDL15_Pgr025255	32874	0.83	0.81
CDL15_Pgr025264	44393	30621	44326
CDL15_Pgr025267	111.62	61.28	69.29
CDL15_Pgr025291	23651	17930	36192
CDL15_Pgr025299	22.99	17.28	15.41
CDL15_Pgr025303	33239	0.24	0.13
CDL15_Pgr025306	0.67	0.24	0.13
CDL15_Pgr025339	44508	18323	34029
CDL15_Pgr025358	60.57	24.58	30987
CDL15_Pgr025363	0.18	0	0
CDL15_Pgr025369	0.40	0	0
CDL15_Pgr025386	26.85	44287	12145
CDL15_Pgr025397	17.94	12816	0
CDL15_Pgr025398	23.49	34029	0.61
CDL15_Pgr025404	0.62	0	0
CDL15_Pgr025405	45809	31778	27760
CDL15_Pgr025417	249.17	66.97	21.33
CDL15_Pgr025418	32994	31413	0.12
CDL15_Pgr025451	21976	19725	19725
CDL15_Pgr025455	0.79	0.35	0.23
CDL15_Pgr025478	835.87	186.55	152.07
CDL15_Pgr025486	139.08	86.82	90.99
CDL15_Pgr025488	56.88	39.78	32.20
CDL15_Pgr025496	695.26	489.73	471.26
CDL15_Pgr025507	0.17	0	0
CDL15_Pgr025509	0.50	0	0.05
CDL15_Pgr025517	322.62	231.09	237.81
CDL15_Pgr025518	74.65	37.30	44.09
CDL15_Pgr025522	12785	0	0
CDL15_Pgr025523	74.31	20029	44292
CDL15_Pgr025540	173.64	27791	24.30
CDL15_Pgr025541	357.89	111.95	68.70

CDL15_Pgr025549	50.89	23.45	25.17
CDL15_Pgr025559	117.98	70.03	80.71
CDL15_Pgr025562	20090	0	0
CDL15_Pgr025564	4596.05	1612.14	2221.89
CDL15_Pgr025566	136.97	72.29	82.23
CDL15_Pgr025567	856.32	46.30	21.39
CDL15_Pgr025570	33147	29587	43160
CDL15_Pgr025590	15.72	42826	0
CDL15_Pgr025597	250.92	191.01	182.57
CDL15_Pgr025606	331.29	76.71	23.28
CDL15_Pgr025616	32.18	42552	42795
CDL15_Pgr025623	123.88	22.92	32.40
CDL15_Pgr025624	44198	44256	0.62
CDL15_Pgr025626	0.33	0	0
CDL15_Pgr025632	0.36	0	0
CDL15_Pgr025653	89.60	46.37	40.15
CDL15_Pgr025654	159.37	44525	44274
CDL15_Pgr025657	851.18	676.44	657.06
CDL15_Pgr025675	30256	15827	44261
CDL15_Pgr025686	42.76	44323	0.98
CDL15_Pgr025687	47119	0.09	0.23
CDL15_Pgr025709	20241	21582	29221
CDL15_Pgr025718	20821	0.24	0.13
CDL15_Pgr025739	0.68	0	0.12
CDL15_Pgr025743	16862	0	0
CDL15_Pgr025748	21.25	33664	44383
CDL15_Pgr025751	53.33	30621	27242
CDL15_Pgr025755	2977.74	357.48	374.30
CDL15_Pgr025779	43770	34790	44445
CDL15_Pgr025783	0.17	0	0
CDL15_Pgr025793	21732	0	0
CDL15_Pgr025796	0.58	0	0.09
CDL15_Pgr025805	31809	25934	33604
CDL15_Pgr025806	137.65	39.50	17.22
CDL15_Pgr025808	242.05	104.46	46.34

CDL15_Pgr025819	156.51	48.81	21.23
CDL15_Pgr025824	170.39	26268	15.89
CDL15_Pgr025838	0.64	0	0
CDL15_Pgr025850	93.87	70.51	64.19
CDL15_Pgr025851	512.82	405.66	368.49
CDL15_Pgr025854	1357.25	79.38	98.56
CDL15_Pgr025891	42826	12420	0.51
CDL15_Pgr025909	61.96	41.26	43.16
CDL15_Pgr025916	0.30	0	0
CDL15_Pgr025928	71.23	55.40	53.88
CDL15_Pgr025953	538.92	219.82	168.42
CDL15_Pgr025957	20180	0.25	0
CDL15_Pgr025971	1312.21	112.84	329.03
CDL15_Pgr025992	44256	0	0
CDL15_Pgr025998	0.10	0	0
CDL15_Pgr026015	372.22	353.73	356.82
CDL15_Pgr026037	164.88	60.48	40.44
CDL15_Pgr026041	48.50	35.55	30.62
CDL15_Pgr026062	0.13	0	0
CDL15_Pgr026092	0.16	0	0
CDL15_Pgr026095	45292	0.04	0.25
CDL15_Pgr026112	17.32	43800	33512
CDL15_Pgr026120	38.01	15.92	16.41
CDL15_Pgr026127	0.28	0	0
CDL15_Pgr026131	632.64	352.44	342.93
CDL15_Pgr026235	0.38	0	0
CDL15_Pgr026242	47.47	17.49	44473
CDL15_Pgr026335	40.99	35.42	33.96
CDL15_Pgr026360	0.93	0	0
CDL15_Pgr026361	2.00	0	0
CDL15_Pgr026362	0.14	0	0
CDL15_Pgr026365	78.20	45.46	46.47
CDL15_Pgr026377	43.14	40.23	39.75
CDL15_Pgr026379	35886	0.78	11689
CDL15_Pgr026382	0.50	0	0

CDL15_Pgr026393	23.97	15.39	15.31
CDL15_Pgr026404	51.73	36.63	33.71
CDL15_Pgr026408	0.60	0	0
CDL15_Pgr026410	0.39	0	0
CDL15_Pgr026450	0.30	0	0
CDL15_Pgr026469	41275	0	0
CDL15_Pgr026470	0.14	0	0
CDL15_Pgr026499	59.11	0.98	45658
CDL15_Pgr026501	0.15	0	0
CDL15_Pgr026502	0.57	0.09	0.19
CDL15_Pgr026503	35643	12816	26299
CDL15_Pgr026515	0.79	0	0
CDL15_Pgr026516	0.79	0.21	0
CDL15_Pgr026549	0.29	0	0
CDL15_Pgr026550	44257	16438	16438
CDL15_Pgr026564	12086	0.13	0.18
CDL15_Pgr026581	44198	0.73	0.47
CDL15_Pgr026606	1753.94	1462.39	1451.15
CDL15_Pgr026607	46722	42156	14732
CDL15_Pgr026608	84.10	54.67	44.93
CDL15_Pgr026609	16528	0.17	0.24
CDL15_Pgr026622	176.05	21.25	16.90
CDL15_Pgr026623	17.39	44835	18203
CDL15_Pgr026643	0.17	0.04	0
CDL15_Pgr026648	0.56	0	0
CDL15_Pgr026652	233.52	71.36	90.36
CDL15_Pgr026665	24289	44198	0.64
CDL15_Pgr026684	26665	0.36	0.09
CDL15_Pgr026698	43647	32933	19450
CDL15_Pgr026718	15523	44470	20455
CDL15_Pgr026724	25.37	12451	0.93
CDL15_Pgr026725	13516	0.22	0.16
CDL15_Pgr026739	23102	0	0
CDL15_Pgr026745	26.00	47362	24320
CDL15_Pgr026753	148.96	123.37	118.11

CDL15_Pgr026754	35521	18660	13547
CDL15_Pgr026769	558.64	362.98	374.11
CDL15_Pgr026788	0.41	0	0
CDL15_Pgr026791	35.48	15.38	20637
CDL15_Pgr026804	44262	21641	17958
CDL15_Pgr026810	140.97	97.06	93.33
CDL15_Pgr026822	56.89	25.43	17502
CDL15_Pgr026868	0.50	0	0
CDL15_Pgr026877	14611	0	0
CDL15_Pgr026881	547.95	157.80	156.40
CDL15_Pgr026882	0.19	0.06	0.08
CDL15_Pgr026883	0.77	0.13	0.14
CDL15_Pgr026896	44291	46753	19725
CDL15_Pgr026926	28856	0	0
CDL15_Pgr026933	15342	0	0
CDL15_Pgr026950	47209	34366	41699
CDL15_Pgr026980	18660	0.15	0.32
CDL15_Pgr027023	13575	0.38	0
CDL15_Pgr027052	23.76	44289	17533
CDL15_Pgr027094	32933	0.15	0.24
CDL15_Pgr027101	35.11	44404	25.70
CDL15_Pgr027103	13667	0.29	0.55
CDL15_Pgr027104	27760	0	0.14
CDL15_Pgr027105	448.99	34669	34151
CDL15_Pgr027113	45292	0.11	0.24
CDL15_Pgr027142	25.59	43252	15128
CDL15_Pgr027150	0.22	0	0
CDL15_Pgr027163	91.12	12145	13181
CDL15_Pgr027181	12785	0	0.13
CDL15_Pgr027196	0.10	0	0
CDL15_Pgr027214	32509	0.55	0
CDL15_Pgr027220	90.92	44313	26755
CDL15_Pgr027235	0.90	0	0
CDL15_Pgr027257	42370	0	0
CDL15_Pgr027275	30.35	44212	47088

CDL15_Pgr027277	0.29	0	0
CDL15_Pgr027324	0.98	0	0.11
CDL15_Pgr027330	36161	0.32	0
CDL15_Pgr027341	278.34	148.07	163.43
CDL15_Pgr027382	18264	0	0
CDL15_Pgr027384	45717	0	0
CDL15_Pgr027412	29252	0	0
CDL15_Pgr027414	17.75	47119	44257
CDL15_Pgr027415	64.50	44294	33635
CDL15_Pgr027433	0.99	0	0
CDL15_Pgr027434	35521	0	0
CDL15_Pgr027445	1235.08	561.91	327.42
CDL15_Pgr027454	24838	0.62	0.60
CDL15_Pgr027455	77.26	25.89	15067
CDL15_Pgr027467	108.62	86.15	88.36
CDL15_Pgr027472	17.22	44511	15311
CDL15_Pgr027475	50.26	27.64	28.52
CDL15_Pgr027481	0.46	0	0
CDL15_Pgr027482	25263	0.09	0
CDL15_Pgr027483	24473	0.50	0.16
CDL15_Pgr027485	35.21	35947	11355
CDL15_Pgr027508	0.29	0.14	0.07
CDL15_Pgr027516	121.03	81.81	83.13
CDL15_Pgr027553	13455	45658	0
CDL15_Pgr027555	0.09	0	0
CDL15_Pgr027561	51.14	19.95	21.48
CDL15_Pgr027572	0.09	0	0
CDL15_Pgr027580	43525	0.57	0.26
CDL15_Pgr027586	71.00	58.89	53.49
CDL15_Pgr027595	44562	0.86	0.91
CDL15_Pgr027600	18111	12875	24198
CDL15_Pgr027603	44531	0	0
CDL15_Pgr027606	0.43	0.09	0.09
CDL15_Pgr027645	0.94	0	0
CDL15_Pgr027650	427.82	280.17	258.93

CDL15_Pgr027659	180.49	22.41	42.55
CDL15_Pgr027660	13575	0.34	0.62
CDL15_Pgr027673	43647	41760	11049
CDL15_Pgr027678	35947	0.60	0
CDL15_Pgr027691	0.98	0.79	0.79
CDL15_Pgr027730	26.86	15.86	16.34
CDL15_Pgr027731	70.82	59.17	58.03
CDL15_Pgr027766	74.22	53.64	44.15
CDL15_Pgr027775	149.24	24.60	44866
CDL15_Pgr027776	239.83	73.55	31.71
CDL15_Pgr027787	45383	0.89	18994
CDL15_Pgr027794	0.53	0	0
CDL15_Pgr027808	44286	20486	21551
CDL15_Pgr027814	0.20	0	0
CDL15_Pgr027818	28004	29646	33298
CDL15_Pgr027837	42736	0.22	0.17
CDL15_Pgr027841	16.61	20241	35462
CDL15_Pgr027893	248.71	41.77	18.17
CDL15_Pgr027901	0.16	0	0
CDL15_Pgr027906	27030	0.12	0.38
CDL15_Pgr027915	46.62	40.76	40.25
CDL15_Pgr027917	16072	0.42	0.24
CDL15_Pgr027919	44357	42522	42522
CDL15_Pgr027924	0.37	0	0
CDL15_Pgr027926	0.35	0	0
CDL15_Pgr027928	162.79	71.97	42.80
CDL15_Pgr027929	18.81	30164	31138
CDL15_Pgr027930	36220	30348	15373
CDL15_Pgr027937	0.24	0	0
CDL15_Pgr027952	116.31	38.70	40.37
CDL15_Pgr027956	14032	0.98	0.69
CDL15_Pgr027965	19.83	14.92	15.88
CDL15_Pgr027969	396.39	49.79	25538
CDL15_Pgr027971	79.21	55.48	48.47
CDL15_Pgr027975	66.06	51.76	47.28

CDL15_Pgr027996	77.39	22920	23.30
CDL15_Pgr028023	3073.57	1164.29	1050.75
CDL15_Pgr028029	36192	44409	0.65
CDL15_Pgr028032	0.73	0	0
CDL15_Pgr028058	101.94	33178	12451
CDL15_Pgr028060	107.65	17.50	19.79
CDL15_Pgr028062	86.23	16.82	11567
CDL15_Pgr028063	36.83	23408	35125
CDL15_Pgr028064	27211	0.76	23743
CDL15_Pgr028066	22.73	32599	44288
CDL15_Pgr028074	44350	0.22	0
CDL15_Pgr028075	44207	0	0
CDL15_Pgr028081	102.94	25.50	32.53
CDL15_Pgr028090	43647	25993	34394
CDL15_Pgr028102	10959	0.63	0.66
CDL15_Pgr028111	0.12	0	0
CDL15_Pgr028113	2024.22	460.48	386.15
CDL15_Pgr028167	44498	35339	18872
CDL15_Pgr028169	44359	0.17	0.19
CDL15_Pgr028183	26665	0.35	0.53
CDL15_Pgr028186	587.18	67.67	34.05
CDL15_Pgr028187	27.23	17.72	14.39
CDL15_Pgr028192	30682	0.69	0.73
CDL15_Pgr028210	0.58	0	0
CDL15_Pgr028218	40.92	21.47	44279
CDL15_Pgr028221	616.38	17.65	28.62
CDL15_Pgr028225	45.50	24.76	20.14
CDL15_Pgr028226	171.05	58.02	26573
CDL15_Pgr028228	89.73	57.02	64.07
CDL15_Pgr028253	109.96	44501	1.00
CDL15_Pgr028258	0.17	0	0
CDL15_Pgr028261	41760	43132	11720
CDL15_Pgr028268	34700	0.48	0
CDL15_Pgr028290	0.72	0.32	0.18
CDL15_Pgr028302	42005	0.30	0

CDL15_Pgr028310	33.61	11689	0.70
CDL15_Pgr028311	32143	0	0
CDL15_Pgr028341	16497	0	0
CDL15_Pgr028380	0.36	0.10	0.10
CDL15_Pgr028383	46082	14611	0.81
CDL15_Pgr028384	30225	13516	0.79
CDL15_Pgr028421	32174	0	0
CDL15_Pgr028424	34639	33298	1.00
CDL15_Pgr028425	0.20	0	0
CDL15_Pgr028434	20.74	15.54	44362
CDL15_Pgr028446	42401	0.42	0
CDL15_Pgr028450	27791	0	0
CDL15_Pgr028451	0.20	0	0
CDL15_Pgr028460	0.61	0	0
CDL15_Pgr028462	12693	46784	0.99
CDL15_Pgr028463	155.47	44519	16469
CDL15_Pgr028467	55.18	27760	0
CDL15_Pgr028477	44550	15.28	15.98
CDL15_Pgr028478	42430	0.94	0
CDL15_Pgr028479	14489	47239	47209
CDL15_Pgr028491	172.44	24412	44306
CDL15_Pgr028495	260.19	14.51	14.96
CDL15_Pgr028511	394.92	303.92	275.12
CDL15_Pgr028528	21582	0.26	0.14
CDL15_Pgr028530	0.57	0	0
CDL15_Pgr028537	172.09	117.86	107.16
CDL15_Pgr028543	44472	0.68	0
CDL15_Pgr028559	24139	0.34	0.36
CDL15_Pgr028580	42430	0.44	0
CDL15_Pgr028585	284.00	210.37	202.08
CDL15_Pgr028593	205.51	192.72	189.42
CDL15_Pgr028598	44269	6.00	20241
CDL15_Pgr028602	0.57	0	0
CDL15_Pgr028607	17838	20455	0.51
CDL15_Pgr028625	0.24	0	0

CDL15_Pgr028627	44382	14977	44470
CDL15_Pgr028628	0.34	0	0
CDL15_Pgr028662	17899	0.45	0
CDL15_Pgr028665	0.48	0	0
CDL15_Pgr028675	76.03	20.45	44332
CDL15_Pgr028685	0.89	0	0.11
CDL15_Pgr028691	0.16	0	0
CDL15_Pgr028703	0.16	0	0
CDL15_Pgr028724	0.63	0	0
CDL15_Pgr028754	20852	0.07	0
CDL15_Pgr028758	24869	43466	17899
CDL15_Pgr028765	17685	14246	0.89
CDL15_Pgr028777	34274	31472	14366
CDL15_Pgr028781	153.05	102.26	103.22
CDL15_Pgr028784	0.26	0	0
CDL15_Pgr028793	461.74	44325	0
CDL15_Pgr028795	0.47	0	0
CDL15_Pgr028801	0.22	0	0
CDL15_Pgr028814	57.20	12510	44348
CDL15_Pgr028836	31929	0	0
CDL15_Pgr028844	18688	42736	44287
CDL15_Pgr028847	22313	0	0
CDL15_Pgr028850	0.67	0.34	0.29
CDL15_Pgr028866	14336	0.54	45658
CDL15_Pgr028870	82.07	63.31	61.74
CDL15_Pgr028871	0.58	0	0
CDL15_Pgr028875	84.64	67.54	65.46
CDL15_Pgr028883	21217	44287	44197
CDL15_Pgr028892	28.27	15.55	16.70
CDL15_Pgr028909	404.35	180.08	176.28
CDL15_Pgr028914	19725	0.56	0.32
CDL15_Pgr028915	0.53	0.35	0.28
CDL15_Pgr028939	12632	44927	0.90
CDL15_Pgr028941	0.62	0	0
CDL15_Pgr028953	25355	11689	0.96

CDL15_Pgr028970	0.58	0.05	0.08
CDL15_Pgr028983	0.70	0.15	0.16
CDL15_Pgr028986	0.98	0.40	0.21
CDL15_Pgr028991	58.77	19664	33725
CDL15_Pgr029009	16.55	44256	0.44
CDL15_Pgr029017	30468	43466	24108
CDL15_Pgr029022	44409	0.50	0.53
CDL15_Pgr029056	237.65	90.28	31.73
CDL15_Pgr029061	20821	0.72	0.56
CDL15_Pgr029065	96.61	32660	23255
CDL15_Pgr029069	176.33	91.91	105.15
CDL15_Pgr029071	44287	0	0
CDL15_Pgr029073	53.34	19.25	19.31
CDL15_Pgr029085	22160	22737	13912
CDL15_Pgr029132	44229	0.35	0.11
CDL15_Pgr029134	42309	30348	27061
CDL15_Pgr029146	58.93	18.13	16.74
CDL15_Pgr029147	129.13	29.98	24016
CDL15_Pgr029181	171.27	127.21	123.64
CDL15_Pgr029209	0.27	0	0
CDL15_Pgr029221	0.14	0	0
CDL15_Pgr029238	41640	0	0
CDL15_Pgr000016	12328	44264	44446
CDL15_Pgr000042	14458	12905	13547
CDL15_Pgr000101	95.65	86.86	59.15
CDL15_Pgr000112	24.25	22.24	19998
CDL15_Pgr000119	36.82	32.14	23.83
CDL15_Pgr000120	14.94	44536	44348
CDL15_Pgr000123	28.90	25.47	18384
CDL15_Pgr000152	29983	16469	44441
CDL15_Pgr000154	44357	16589	0.63
CDL15_Pgr000155	33.89	25.69	17.39
CDL15_Pgr000198	35.58	22.76	14.58
CDL15_Pgr000213	36220	31079	0.53
CDL15_Pgr000227	126.76	94.16	57.04

CDL15_Pgr000241	18264	0.86	0
CDL15_Pgr000250	34.23	44243	44293
CDL15_Pgr000271	31.42	44522	13.32
CDL15_Pgr000276	154.68	125.61	33.55
CDL15_Pgr000353	30.91	44336	34213
CDL15_Pgr000356	22068	22037	16497
CDL15_Pgr000445	83.77	42.34	44367
CDL15_Pgr000455	84.97	77.30	51.14
CDL15_Pgr000481	68.82	60.22	39.97
CDL15_Pgr000508	1707.91	1275.81	814.57
CDL15_Pgr000515	0.22	0.17	0.09
CDL15_Pgr000517	66.03	60.57	44465
CDL15_Pgr000527	76.74	66.77	46.26
CDL15_Pgr000537	749.15	657.71	593.27
CDL15_Pgr000550	34.18	23.75	44424
CDL15_Pgr000583	19.78	17.81	24289
CDL15_Pgr000597	33.15	29.49	25.44
CDL15_Pgr000604	59.92	32.36	30895
CDL15_Pgr000629	25204	0.55	0
CDL15_Pgr000656	89.90	67.90	26.77
CDL15_Pgr000672	22.94	47058	45413
CDL15_Pgr000689	807.60	737.22	544.63
CDL15_Pgr000697	121.09	55.28	25447
CDL15_Pgr000723	96.93	66.92	41.84
CDL15_Pgr000746	45.62	37.67	28.25
CDL15_Pgr000750	46388	44501	0.46
CDL15_Pgr000777	45078	25965	0.91
CDL15_Pgr000815	0.45	0.33	0
CDL15_Pgr000827	44440	0.50	0.19
CDL15_Pgr000929	26696	17899	0.46
CDL15_Pgr000956	12175	42461	0.91
CDL15_Pgr001096	34943	44474	41306
CDL15_Pgr001100	56.76	37.21	24.60
CDL15_Pgr001105	27729	27242	20972
CDL15_Pgr001143	0.48	0.39	0

CDL15_Pgr001169	44502	18994	0.81
CDL15_Pgr001213	175.14	116.77	19.70
CDL15_Pgr001231	108.97	96.58	73.46
CDL15_Pgr001232	35.36	44253	20.38
CDL15_Pgr001236	28126	0.71	0.15
CDL15_Pgr001239	17015	27576	29738
CDL15_Pgr001271	27576	26054	13516
CDL15_Pgr001272	18660	15707	0.78
CDL15_Pgr001276	156.31	119.71	84.32
CDL15_Pgr001304	44534	15738	46023
CDL15_Pgr001305	0.21	0.09	0
CDL15_Pgr001320	58.44	48.29	21.49
CDL15_Pgr001326	121.07	100.03	82.24
CDL15_Pgr001328	28460	30560	31168
CDL15_Pgr001341	118.67	103.22	65.59
CDL15_Pgr001343	13181	19360	0
CDL15_Pgr001351	14.64	43952	0.74
CDL15_Pgr001354	25204	0.87	0.35
CDL15_Pgr001392	44531	0.76	0.56
CDL15_Pgr001419	64.48	54.61	31898
CDL15_Pgr001420	173.66	99.75	31686
CDL15_Pgr001421	24563	27030	0
CDL15_Pgr001502	18.53	14.16	19784
CDL15_Pgr001545	102.81	90.78	66.03
CDL15_Pgr001595	100.45	96.20	71.99
CDL15_Pgr001609	18111	22463	15827
CDL15_Pgr001640	128.20	94.47	50.62
CDL15_Pgr001659	95.42	89.45	67.64
CDL15_Pgr001675	0.87	0.48	0
CDL15_Pgr001679	651.87	459.40	104.38
CDL15_Pgr001684	35125	47150	10959
CDL15_Pgr001685	145.00	124.42	42.03
CDL15_Pgr001699	15.30	13.46	44327
CDL15_Pgr001732	42.44	29.24	20.27
CDL15_Pgr001740	3.00	33604	41275

CDL15_Pgr001749	39.49	26.30	19.74
CDL15_Pgr001768	14246	44197	0.74
CDL15_Pgr001781	36161	13150	0.83
CDL15_Pgr001783	121.77	107.26	41.55
CDL15_Pgr001785	54.50	49.39	43.29
CDL15_Pgr001786	0.75	0.35	0
CDL15_Pgr001788	72.48	52.31	35.09
CDL15_Pgr001799	45.47	44436	18.96
CDL15_Pgr001821	59.01	40.23	28.69
CDL15_Pgr001825	100.25	64.78	46.03
CDL15_Pgr001842	18963	30926	34516
CDL15_Pgr001851	15.25	13.28	44261
CDL15_Pgr001860	23377	43831	0.90
CDL15_Pgr001863	22.23	17.67	29160
CDL15_Pgr001865	18994	44287	0.37
CDL15_Pgr001868	13.47	12206	15373
CDL15_Pgr001914	45170	20607	24532
CDL15_Pgr001932	17.74	44209	23193
CDL15_Pgr001945	11079	14671	11355
CDL15_Pgr001953	148.65	121.29	93.24
CDL15_Pgr001959	44471	27030	44197
CDL15_Pgr002082	120.57	82.59	41.12
CDL15_Pgr002115	36.88	30.38	14.76
CDL15_Pgr002159	116.55	94.06	75.00
CDL15_Pgr002204	44317	42461	46753
CDL15_Pgr002226	18111	29738	42461
CDL15_Pgr002227	393.87	160.41	33786
CDL15_Pgr002238	0.54	0.32	0
CDL15_Pgr002245	17.50	17015	41671
CDL15_Pgr002288	23.25	15.46	35065
CDL15_Pgr002294	99.62	87.03	58.28
CDL15_Pgr002328	44400	21.56	16.86
CDL15_Pgr002334	17349	36251	0.26
CDL15_Pgr002335	17349	36251	0.26
CDL15_Pgr002342	44236	42583	31809

CDL15_Pgr002352	44410	23377	0.41
CDL15_Pgr002354	35462	11355	0.17
CDL15_Pgr002379	31.20	29.28	27.84
CDL15_Pgr002454	86.57	50.94	21.58
CDL15_Pgr002471	411.70	209.90	56.31
CDL15_Pgr002488	25112	33848	32964
CDL15_Pgr002489	42767	0.91	0.14
CDL15_Pgr002530	39.30	31.69	25.48
CDL15_Pgr002532	26877	46874	10990
CDL15_Pgr002533	77.18	39.81	44396
CDL15_Pgr002539	35.08	22.98	16193
CDL15_Pgr002575	0.34	0.28	0
CDL15_Pgr002670	17199	26665	0.92
CDL15_Pgr002739	15.59	19998	43891
CDL15_Pgr002763	1636.74	640.88	168.95
CDL15_Pgr002767	216.24	145.32	98.69
CDL15_Pgr002840	71.16	60.18	48.77
CDL15_Pgr002878	360.43	338.26	306.73
CDL15_Pgr002897	59.53	48.07	41.33
CDL15_Pgr002934	44958	0.91	0
CDL15_Pgr002940	44291	36192	20090
CDL15_Pgr002986	22.99	19.20	16.38
CDL15_Pgr002987	19.43	45962	33390
CDL15_Pgr002998	32.20	27.68	44460
CDL15_Pgr003001	2510.44	1957.85	1051.11
CDL15_Pgr003003	69.49	68.26	62.84
CDL15_Pgr003005	20.84	44389	44258
CDL15_Pgr003015	44233	44652	0.14
CDL15_Pgr003035	843.05	739.57	343.35
CDL15_Pgr003058	178.27	102.66	44434
CDL15_Pgr003059	40.33	44462	33086
CDL15_Pgr003156	53.56	46.25	27.83
CDL15_Pgr003160	233.90	229.18	226.72
CDL15_Pgr003203	145.13	107.11	27.92
CDL15_Pgr003204	236.13	192.77	76.04

CDL15_Pgr003252	16285	23559	31107
CDL15_Pgr003270	162.04	100.50	42.34
CDL15_Pgr003273	34394	11720	16438
CDL15_Pgr003302	16.26	16041	44416
CDL15_Pgr003304	0.18	0.12	0.05
CDL15_Pgr003312	23132	44472	44256
CDL15_Pgr003314	44424	34943	30468
CDL15_Pgr003319	12298	44324	34790
CDL15_Pgr003326	112.22	86.29	62.17
CDL15_Pgr003339	23.26	20.63	30225
CDL15_Pgr003346	112.45	60.98	19.35
CDL15_Pgr003357	13089	44506	33635
CDL15_Pgr003361	213.23	190.13	152.56
CDL15_Pgr003371	33.54	23.93	44239
CDL15_Pgr003384	15.37	22920	24959
CDL15_Pgr003392	30.66	20.23	16316
CDL15_Pgr003393	36.80	26.31	16.33
CDL15_Pgr003397	13.75	44386	42005
CDL15_Pgr003409	346.23	309.84	199.18
CDL15_Pgr003492	206.83	197.57	182.13
CDL15_Pgr003501	21186	0.90	0
CDL15_Pgr003519	20.79	18.16	15.33
CDL15_Pgr003534	17.35	16.72	14.45
CDL15_Pgr003538	40.51	32.46	23.77
CDL15_Pgr003541	42736	0.41	0
CDL15_Pgr003559	29160	11232	26724
CDL15_Pgr003590	109.74	77.00	59.17
CDL15_Pgr003611	35.25	33.37	26.91
CDL15_Pgr003612	74.74	44.43	44404
CDL15_Pgr003622	43.29	38.57	32.58
CDL15_Pgr003623	44440	0.77	0.16
CDL15_Pgr003641	21.47	17.69	46357
CDL15_Pgr003648	50.34	34.92	18.15
CDL15_Pgr003660	17.85	15.91	30803
CDL15_Pgr003671	129.84	111.04	40.14

CDL15_Pgr003678	45931	31625	32325
CDL15_Pgr003691	19784	29952	0.25
CDL15_Pgr003707	175.19	122.75	63.87
CDL15_Pgr003710	198.56	178.16	100.43
CDL15_Pgr003711	44368	18.32	44236
CDL15_Pgr003748	185.53	148.30	116.23
CDL15_Pgr003772	97.40	79.90	58.41
CDL15_Pgr003786	21641	18660	0.53
CDL15_Pgr003800	22.96	17.13	34973
CDL15_Pgr003802	120.64	98.29	72.91
CDL15_Pgr003820	13.63	36373	19115
CDL15_Pgr003829	44427	14.84	19998
CDL15_Pgr003860	21582	44531	0.28
CDL15_Pgr003880	23.92	18.46	15.59
CDL15_Pgr003967	18933	32264	0.78
CDL15_Pgr003999	33.42	19.70	43191
CDL15_Pgr004003	28856	0.74	0
CDL15_Pgr004021	23437	21186	0.07
CDL15_Pgr004031	35521	17624	30376
CDL15_Pgr004050	17411	32964	20090
CDL15_Pgr004063	22007	14671	44228
CDL15_Pgr004072	36434	23924	42826
CDL15_Pgr004126	85.67	51.27	27.71
CDL15_Pgr004127	131.00	98.17	76.92
CDL15_Pgr004133	14.95	13.00	19360
CDL15_Pgr004139	103.37	75.98	26.30
CDL15_Pgr004194	64.94	47.85	30.77
CDL15_Pgr004217	323.03	237.45	194.40
CDL15_Pgr004219	15008	46784	25934
CDL15_Pgr004231	16072	46753	0.76
CDL15_Pgr004269	14427	22037	14977
CDL15_Pgr004270	96.87	95.04	93.02
CDL15_Pgr004281	1.00	0.95	0.76
CDL15_Pgr004324	10959	0.77	0.20
CDL15_Pgr004350	16.57	15.32	29860

CDL15_Pgr004381	0.33	0.12	0
CDL15_Pgr004405	87.64	81.53	58.82
CDL15_Pgr004479	69.40	39.31	16.68
CDL15_Pgr004526	139.24	101.55	52.21
CDL15_Pgr004532	20.81	15.99	43344
CDL15_Pgr004536	146.89	87.17	35.99
CDL15_Pgr004542	53.17	46.55	21.49
CDL15_Pgr004597	51.15	33.95	13.17
CDL15_Pgr004651	136.33	86.45	60.11
CDL15_Pgr004677	12785	42005	0.65
CDL15_Pgr004805	226.56	147.09	99.57
CDL15_Pgr004832	44517	46631	29618
CDL15_Pgr004834	0.81	0.62	0.07
CDL15_Pgr004850	555.89	270.40	62.06
CDL15_Pgr004865	70.77	59.17	32.48
CDL15_Pgr004874	13241	13547	0.62
CDL15_Pgr004877	60.74	38.90	44330
CDL15_Pgr004905	79.52	58.96	45.22
CDL15_Pgr004982	32417	15462	44287
CDL15_Pgr005026	36192	17564	44288
CDL15_Pgr005103	12816	10959	0
CDL15_Pgr005117	31.76	28.19	25.78
CDL15_Pgr005119	0.39	0.18	0
CDL15_Pgr005155	30742	31048	0.13
CDL15_Pgr005169	15.27	13089	34912
CDL15_Pgr005177	32599	19419	35796
CDL15_Pgr005191	61.76	58.17	44.81
CDL15_Pgr005216	0.15	0.09	0
CDL15_Pgr005219	19664	13789	14093
CDL15_Pgr005272	44503	16803	0.66
CDL15_Pgr005281	793.46	668.75	446.76
CDL15_Pgr005298	132.89	104.49	87.98
CDL15_Pgr005307	111.71	98.32	15.88
CDL15_Pgr005319	123.39	100.35	48.54
CDL15_Pgr005356	44210	44268	18902

CDL15_Pgr005387	136.77	90.99	61.35
CDL15_Pgr005391	26816	22402	34731
CDL15_Pgr005393	48.54	35.89	25112
CDL15_Pgr005395	25235	43101	0.19
CDL15_Pgr005397	417.89	401.68	299.77
CDL15_Pgr005447	43525	28856	0.20
CDL15_Pgr005453	196.91	164.03	70.63
CDL15_Pgr005474	35.25	31.56	24.43
CDL15_Pgr005488	26054	29677	31079
CDL15_Pgr005498	23285	34790	14977
CDL15_Pgr005527	0.90	0.83	0.45
CDL15_Pgr005554	18.83	16.14	44531
CDL15_Pgr005558	45901	41852	16497
CDL15_Pgr005583	22.57	19.85	24807
CDL15_Pgr005618	124.63	103.75	64.57
CDL15_Pgr005660	0.65	0.33	0
CDL15_Pgr005668	404.64	352.99	289.11
CDL15_Pgr005669	68.59	60.89	50.53
CDL15_Pgr005683	51.93	45.73	39.38
CDL15_Pgr005691	43.04	40.49	35.50
CDL15_Pgr005693	33.29	44490	42064
CDL15_Pgr005716	138.29	113.76	72.61
CDL15_Pgr005719	281.10	270.90	213.27
CDL15_Pgr005720	0.85	0.60	0
CDL15_Pgr005728	0.23	0.21	0.11
CDL15_Pgr005751	19.37	47423	32994
CDL15_Pgr005811	73.08	65.94	53.37
CDL15_Pgr005819	26755	34001	28126
CDL15_Pgr005874	30.98	16.76	44231
CDL15_Pgr005945	20.86	17.53	45047
CDL15_Pgr006059	154.25	87.10	37.69
CDL15_Pgr006064	112.18	101.89	93.97
CDL15_Pgr006069	44422	44480	18872
CDL15_Pgr006083	60.22	50.83	46.21
CDL15_Pgr006115	23833	14642	0.79

CDL15_Pgr006127	72.06	59.06	48.69
CDL15_Pgr006146	35765	42675	30773
CDL15_Pgr006153	309.20	297.50	228.57
CDL15_Pgr006170	93.74	76.52	43.08
CDL15_Pgr006176	0.69	0.65	0.41
CDL15_Pgr006183	29129	15493	36161
CDL15_Pgr006187	186.69	128.85	27.56
CDL15_Pgr006277	269.94	216.01	27.49
CDL15_Pgr006309	58.63	44.83	29.30
CDL15_Pgr006319	630.36	513.83	346.70
CDL15_Pgr006351	44503	13181	24838
CDL15_Pgr006355	35947	30011	0.66
CDL15_Pgr006381	405.65	230.95	87.01
CDL15_Pgr006384	43.84	29.29	23924
CDL15_Pgr006454	0.98	0.40	0
CDL15_Pgr006559	32234	15373	0
CDL15_Pgr006573	60.63	45.42	26359
CDL15_Pgr006600	44289	20852	0.89
CDL15_Pgr006612	701.69	623.19	131.82
CDL15_Pgr006653	0.16	0.10	0
CDL15_Pgr006721	22463	27120	27426
CDL15_Pgr006757	26390	20911	44259
CDL15_Pgr006797	82.53	71.84	55.59
CDL15_Pgr006802	28.84	23.28	20.53
CDL15_Pgr006835	16.58	44455	13.37
CDL15_Pgr006842	43952	23071	0.80
CDL15_Pgr006847	107.12	86.98	56.56
CDL15_Pgr006851	14519	22402	36161
CDL15_Pgr006883	82.52	80.15	66.26
CDL15_Pgr006894	40.95	38.14	24.92
CDL15_Pgr006897	46023	42370	0.82
CDL15_Pgr006923	20241	13302	43617
CDL15_Pgr006972	34335	20090	12420
CDL15_Pgr006982	198.70	85.50	14.38
CDL15_Pgr006995	140.85	99.17	77.88

CDL15_Pgr007016	34.96	22.70	32629
CDL15_Pgr007024	103.32	99.62	96.68
CDL15_Pgr007060	19.91	45536	27395
CDL15_Pgr007072	24838	22647	12785
CDL15_Pgr007096	563.13	491.33	445.32
CDL15_Pgr007106	210.12	191.62	175.74
CDL15_Pgr007113	550.75	501.38	445.47
CDL15_Pgr007130	40.20	34.98	30.15
CDL15_Pgr007139	0.23	0.20	0
CDL15_Pgr007140	28491	13150	0
CDL15_Pgr007151	112.92	74.43	30.17
CDL15_Pgr007175	131.09	117.76	83.45
CDL15_Pgr007187	142.30	127.25	115.36
CDL15_Pgr007188	23193	28611	27851
CDL15_Pgr007255	84.41	70.39	57.07
CDL15_Pgr007269	44205	26115	24504
CDL15_Pgr007279	44.85	39.39	31.90
CDL15_Pgr007284	347.51	314.80	199.18
CDL15_Pgr007320	42401	43466	0.17
CDL15_Pgr007324	45597	47300	44197
CDL15_Pgr007337	18172	44295	30803
CDL15_Pgr007339	0.62	0.34	0.03
CDL15_Pgr007397	22.55	13850	46419
CDL15_Pgr007410	25.88	23.49	21.28
CDL15_Pgr007423	0.51	0.20	0
CDL15_Pgr007432	101.10	69.70	15.54
CDL15_Pgr007434	474.62	254.36	86.45
CDL15_Pgr007441	84.13	74.64	56.87
CDL15_Pgr007455	2044.42	1142.77	277.25
CDL15_Pgr007456	146.87	120.69	93.18
CDL15_Pgr007457	175.37	92.78	52.57
CDL15_Pgr007461	423.76	377.04	159.72
CDL15_Pgr007475	19.73	15.74	30348
CDL15_Pgr007483	315.95	233.75	169.04
CDL15_Pgr007514	165.60	108.50	56.12

CDL15_Pgr007524	0.60	0.25	0
CDL15_Pgr007610	50.85	27.16	15342
CDL15_Pgr007653	0.99	0.67	0
CDL15_Pgr007671	47.86	25.13	13.56
CDL15_Pgr007700	21.34	44214	25143
CDL15_Pgr007712	44534	41334	0.83
CDL15_Pgr007713	221.94	164.69	92.14
CDL15_Pgr007744	0.20	0.09	0
CDL15_Pgr007750	16589	44291	0.11
CDL15_Pgr007752	16711	45170	23012
CDL15_Pgr007779	150.71	93.17	32.19
CDL15_Pgr007793	71.63	59.49	28.27
CDL15_Pgr007798	0.31	0.14	0
CDL15_Pgr007799	60.05	53.06	23.79
CDL15_Pgr007810	19.31	13.47	19876
CDL15_Pgr007816	21094	28672	36220
CDL15_Pgr007825	34.14	31.21	15.43
CDL15_Pgr007847	0.69	0.48	0.10
CDL15_Pgr007849	21947	25569	0.53
CDL15_Pgr007850	148.38	119.73	91.54
CDL15_Pgr007900	35217	18780	26390
CDL15_Pgr007903	109.06	71.75	45.24
CDL15_Pgr007950	69.54	51.63	37.13
CDL15_Pgr007972	16.55	14.88	23986
CDL15_Pgr007997	18994	0.92	0.06
CDL15_Pgr008010	100.09	74.62	48.46
CDL15_Pgr008028	46966	42461	22282
CDL15_Pgr008120	28.39	21.85	35309
CDL15_Pgr008125	67.03	63.92	54.03
CDL15_Pgr008136	25.90	44522	18.44
CDL15_Pgr008141	161.39	84.23	40.05
CDL15_Pgr008208	1991.02	1903.82	1769.06
CDL15_Pgr008231	44393	21702	43466
CDL15_Pgr008249	0.16	0.10	0
CDL15_Pgr008374	18719	13940	0.65

CDL15_Pgr008380	1190.09	1007.12	593.94
CDL15_Pgr008382	43.88	42.03	37.18
CDL15_Pgr008385	14154	16254	14001
CDL15_Pgr008387	22028.50	13468.88	7190.85
CDL15_Pgr008427	44203	19480	44471
CDL15_Pgr008473	134.86	108.95	79.47
CDL15_Pgr008498	20241	42430	0.93
CDL15_Pgr008561	0.93	0.49	0
CDL15_Pgr008565	23012	0.86	0.46
CDL15_Pgr008578	105.86	103.36	92.36
CDL15_Pgr008582	109.22	87.58	75.03
CDL15_Pgr008600	44287	0.78	0
CDL15_Pgr008704	44471	27760	0
CDL15_Pgr008719	45748	13150	0
CDL15_Pgr008757	35.46	34.18	44346
CDL15_Pgr008766	21.14	17.88	16.28
CDL15_Pgr008787	39.99	23.61	15.27
CDL15_Pgr008810	32.85	15.62	34001
CDL15_Pgr008815	47.05	43.12	44224
CDL15_Pgr008820	34.14	44399	14.99
CDL15_Pgr008847	124.09	116.28	72.41
CDL15_Pgr008848	46569	42491	44472
CDL15_Pgr008867	27.56	20.49	44265
CDL15_Pgr008903	13.78	20363	11871
CDL15_Pgr008919	125.21	97.33	69.84
CDL15_Pgr008925	27.66	24.63	19.28
CDL15_Pgr008934	23.82	35735	28915
CDL15_Pgr008936	0.66	0.41	0.28
CDL15_Pgr008953	82.15	62.72	16.93
CDL15_Pgr008961	28.94	26.73	21.43
CDL15_Pgr008984	0.98	0.52	0.04
CDL15_Pgr008989	18.81	15.70	29252
CDL15_Pgr009015	44197	0.47	0
CDL15_Pgr009034	44288	24838	15707
CDL15_Pgr009045	42.13	37.76	22.42

CDL15_Pgr009059	30011	46419	0.56
CDL15_Pgr009111	53.44	48.28	36.42
CDL15_Pgr009176	44389	43344	33756
CDL15_Pgr009284	12451	44958	32143
CDL15_Pgr009315	638.31	485.93	287.84
CDL15_Pgr009330	30.49	44432	16.14
CDL15_Pgr009353	16.40	32021	12055
CDL15_Pgr009367	46631	26390	18295
CDL15_Pgr009371	45597	15888	29618
CDL15_Pgr009426	21337	24167	18994
CDL15_Pgr009441	25.78	20.71	13.21
CDL15_Pgr009443	21.83	45627	0.86
CDL15_Pgr009446	28.71	14.57	33786
CDL15_Pgr009457	16072	0.59	0
CDL15_Pgr009465	21186	0.70	0
CDL15_Pgr009487	42795	44593	0.87
CDL15_Pgr009492	44391	44359	18476
CDL15_Pgr009548	28.32	14.65	17989
CDL15_Pgr009559	139.29	134.11	108.12
CDL15_Pgr009572	44467	44525	20.29
CDL15_Pgr009603	13.81	44208	21794
CDL15_Pgr009610	45.17	40.39	20.96
CDL15_Pgr009642	90.29	66.34	44.20
CDL15_Pgr009673	21306	19085	29646
CDL15_Pgr009686	37.84	30.38	15.59
CDL15_Pgr009706	142.35	103.00	73.22
CDL15_Pgr009716	36312	13271	45717
CDL15_Pgr009719	103.10	85.83	65.66
CDL15_Pgr009727	23377	44927	0.85
CDL15_Pgr009770	14.56	21125	30072
CDL15_Pgr009771	44257	12785	0.82
CDL15_Pgr009790	44358	44440	14336
CDL15_Pgr009818	20.26	44331	15401
CDL15_Pgr009819	20515	45689	0.36
CDL15_Pgr009826	0.49	0.33	0.17

CDL15_Pgr009854	2184.97	1898.46	878.82
CDL15_Pgr009855	28.19	24.88	22.62
CDL15_Pgr009863	2710.37	1886.20	1387.65
CDL15_Pgr009906	23802	20090	0
CDL15_Pgr009916	0.11	0.07	0
CDL15_Pgr009920	16.91	11597	44231
CDL15_Pgr009949	1091.72	982.06	802.49
CDL15_Pgr009964	22.16	16.74	44986
CDL15_Pgr009996	0.13	0.06	0
CDL15_Pgr010025	35.70	30.38	12267
CDL15_Pgr010044	48.77	31.37	41334
CDL15_Pgr010073	327.07	309.59	247.43
CDL15_Pgr010127	28.32	15.38	20972
CDL15_Pgr010293	35765	29830	44324
CDL15_Pgr010320	77.51	70.23	54.53
CDL15_Pgr010323	77.51	70.23	54.53
CDL15_Pgr010327	44403	23.42	21.87
CDL15_Pgr010352	99.32	82.19	71.56
CDL15_Pgr010359	40.39	34.64	44225
CDL15_Pgr010391	47.02	45.13	43.84
CDL15_Pgr010458	0.98	0.81	0.61
CDL15_Pgr010469	52.92	49.35	31.57
CDL15_Pgr010475	0.15	0.05	0
CDL15_Pgr010501	16224	44292	31868
CDL15_Pgr010536	64.43	47.09	38.03
CDL15_Pgr010538	44539	29799	24289
CDL15_Pgr010541	34.60	20.45	17107
CDL15_Pgr010557	331.54	131.82	17.99
CDL15_Pgr010558	277.48	138.37	28703
CDL15_Pgr010559	66.13	35.55	36251
CDL15_Pgr010587	130.48	104.86	82.62
CDL15_Pgr010602	44405	15676	34731
CDL15_Pgr010749	140.52	119.62	96.71
CDL15_Pgr010752	51.54	46.22	43.05
CDL15_Pgr010796	14124	30103	11749

CDL15_Pgr010828	25.53	13.59	0.57
CDL15_Pgr010878	44299	15493	41306
CDL15_Pgr010892	0.92	0.75	0.23
CDL15_Pgr010907	30164	15827	0.96
CDL15_Pgr010920	92.55	82.42	64.89
CDL15_Pgr011016	30424.58	24667.25	13653.25
CDL15_Pgr011035	130.96	120.51	94.01
CDL15_Pgr011040	60.59	44.08	24.25
CDL15_Pgr011062	16.71	47088	13697
CDL15_Pgr011064	23498	30682	0
CDL15_Pgr011073	16742	29068	11810
CDL15_Pgr011083	0.86	0.65	0.54
CDL15_Pgr011117	20363	13028	32690
CDL15_Pgr011123	26665	41640	0.85
CDL15_Pgr011170	44986	41640	0
CDL15_Pgr011210	92.84	83.76	63.47
CDL15_Pgr011218	97.60	69.30	42.82
CDL15_Pgr011257	250.30	170.74	16.47
CDL15_Pgr011276	17593	20486	18629
CDL15_Pgr011303	2167.79	1749.64	826.26
CDL15_Pgr011388	17.44	44272	16.19
CDL15_Pgr011405	128.66	94.80	44.21
CDL15_Pgr011412	50.47	48.99	42.94
CDL15_Pgr011413	98.77	69.14	54.86
CDL15_Pgr011417	0.92	0.40	0
CDL15_Pgr011483	44.00	39.70	27.29
CDL15_Pgr011485	38.27	32.07	22.71
CDL15_Pgr011490	109.90	54.80	34001
CDL15_Pgr011491	25324	44319	0.58
CDL15_Pgr011498	69.25	62.96	58.45
CDL15_Pgr011516	14.89	29495	20302
CDL15_Pgr011517	34.37	32.85	25.84
CDL15_Pgr011522	19.95	13.83	23651
CDL15_Pgr011530	2719.91	2016.52	960.51
CDL15_Pgr011532	144.87	81.83	46.82

CDL15_Pgr011538	25934	41640	0.41
CDL15_Pgr011540	15097	44381	25934
CDL15_Pgr011541	44287	10990	46388
CDL15_Pgr011543	14702	20149	30682
CDL15_Pgr011574	21824	26846	12936
CDL15_Pgr011741	62.14	60.21	57.00
CDL15_Pgr011751	32.29	25.13	16.57
CDL15_Pgr011768	670.80	243.33	27.55
CDL15_Pgr011772	42.46	33.80	29.02
CDL15_Pgr011845	0.71	0.63	0.52
CDL15_Pgr011851	48.60	40.23	25.94
CDL15_Pgr011865	0.27	0.15	0
CDL15_Pgr011909	0.18	0.08	0
CDL15_Pgr011917	44472	13912	46753
CDL15_Pgr011920	198.63	132.11	30195
CDL15_Pgr011924	18.42	14093	35827
CDL15_Pgr011963	35643	44235	26085
CDL15_Pgr012020	22.22	20.54	45962
CDL15_Pgr012043	28246	44413	11049
CDL15_Pgr012054	53.23	41.87	20.74
CDL15_Pgr012069	15.62	46174	43101
CDL15_Pgr012104	90.50	80.95	65.06
CDL15_Pgr012110	234.02	197.51	51.09
CDL15_Pgr012112	36.63	34.38	28.32
CDL15_Pgr012124	35.29	27.75	44275
CDL15_Pgr012206	15676	13789	18415
CDL15_Pgr012211	123.01	115.92	86.14
CDL15_Pgr012232	44529	22.65	45536
CDL15_Pgr012242	391.69	204.49	42.41
CDL15_Pgr012458	43466	44317	0.98
CDL15_Pgr012535	27.94	22.16	17.18
CDL15_Pgr012540	0.38	0.20	0.11
CDL15_Pgr012560	46419	44409	0
CDL15_Pgr012580	44381	44230	0.80
CDL15_Pgr012594	52.17	38.69	24.59

CDL15_Pgr012617	101.18	84.20	67.58
CDL15_Pgr012632	44228	0.90	0.50
CDL15_Pgr012648	18.79	17.83	13.15
CDL15_Pgr012722	41.57	29.88	19.89
CDL15_Pgr012741	162.24	159.34	157.74
CDL15_Pgr012747	44320	22313	0.77
CDL15_Pgr012778	0.86	0.75	0.63
CDL15_Pgr012790	21582	42370	0
CDL15_Pgr012809	41730	31472	41334
CDL15_Pgr012816	11475	29342	44321
CDL15_Pgr012831	75.78	41.04	24.14
CDL15_Pgr012855	288.67	272.31	205.13
CDL15_Pgr012914	27.64	21.96	14.99
CDL15_Pgr012939	21217	26299	0.63
CDL15_Pgr012943	106.43	100.83	76.79
CDL15_Pgr012947	16103	44471	21916
CDL15_Pgr012980	20911	19419	15707
CDL15_Pgr012994	20.15	44549	16.92
CDL15_Pgr013000	0.65	0.45	0.08
CDL15_Pgr013016	0.79	0.70	0.15
CDL15_Pgr013037	44440	0.71	0.20
CDL15_Pgr013046	44362	14.68	14.16
CDL15_Pgr013106	57.22	44.13	21.64
CDL15_Pgr013197	58.04	23.46	16589
CDL15_Pgr013253	419.15	384.08	152.32
CDL15_Pgr013256	35704	17777	26481
CDL15_Pgr013262	14.30	13.21	29526
CDL15_Pgr013321	56.75	52.67	42.54
CDL15_Pgr013327	34335	0.88	0
CDL15_Pgr013355	25628	24838	0.70
CDL15_Pgr013358	119.17	108.21	64.40
CDL15_Pgr013377	0.35	0.15	0
CDL15_Pgr013416	46266	31533	46023
CDL15_Pgr013433	105.98	80.02	33.93
CDL15_Pgr013464	30468	44443	0.50

CDL15_Pgr013477	170.59	125.69	44279
CDL15_Pgr013480	24167	44318	0.24
CDL15_Pgr013484	38.55	44365	13912
CDL15_Pgr013498	76.14	60.08	41.37
CDL15_Pgr013501	19115	27120	21245
CDL15_Pgr013508	46023	42005	0.49
CDL15_Pgr013536	79.04	50.61	18.92
CDL15_Pgr013580	39.12	37.43	34.81
CDL15_Pgr013584	80.85	76.83	73.42
CDL15_Pgr013590	27.18	17.83	42644
CDL15_Pgr013599	13.79	17715	17958
CDL15_Pgr013626	23.24	16.27	43070
CDL15_Pgr013650	29.23	22.93	16.64
CDL15_Pgr013652	44527	44494	17.93
CDL15_Pgr013692	13.98	23924	33664
CDL15_Pgr013726	0.59	0.49	0.06
CDL15_Pgr013749	138.06	124.41	99.55
CDL15_Pgr013762	96.72	60.36	33.37
CDL15_Pgr013787	36161	10959	0.63
CDL15_Pgr013816	47.38	33.95	18.33
CDL15_Pgr013818	23163	43252	30742
CDL15_Pgr013823	25.35	19.84	26115
CDL15_Pgr013880	0.30	0.13	0
CDL15_Pgr013899	22.44	14.39	23377
CDL15_Pgr013900	30742	17930	0.21
CDL15_Pgr013922	17.66	16.58	44363
CDL15_Pgr013930	99.73	80.07	58.14
CDL15_Pgr013959	31048	21551	0.78
CDL15_Pgr013977	18629	10959	0.47
CDL15_Pgr013978	473.23	337.90	240.06
CDL15_Pgr013979	28216	4.00	21947
CDL15_Pgr013985	44398	17.91	44300
CDL15_Pgr013988	35125	34366	12420
CDL15_Pgr013997	395.87	162.61	39.23
CDL15_Pgr014010	87.48	51.92	31.13

CDL15_Pgr014022	79.40	68.08	13.51
CDL15_Pgr014217	25659	30713	0
CDL15_Pgr014238	142.22	123.30	76.19
CDL15_Pgr014246	204.54	126.08	19511
CDL15_Pgr014250	2004.88	892.51	288.53
CDL15_Pgr014256	72.81	63.63	57.71
CDL15_Pgr014269	117.46	92.40	72.77
CDL15_Pgr014424	87.72	72.99	28.98
CDL15_Pgr014427	61.94	42.00	21337
CDL15_Pgr014446	44486	13.42	15797
CDL15_Pgr014462	79.34	61.36	34.63
CDL15_Pgr014471	39.63	29.75	22.51
CDL15_Pgr014472	806.30	678.25	296.85
CDL15_Pgr014517	61.26	50.25	36.63
CDL15_Pgr014541	13971	20121	14611
CDL15_Pgr014615	73.29	57.49	38.58
CDL15_Pgr014704	41.72	19.64	25416
CDL15_Pgr014709	23.64	22.33	19.68
CDL15_Pgr014718	13302	43952	47119
CDL15_Pgr014724	26024	44534	28915
CDL15_Pgr014739	0.62	0.28	0
CDL15_Pgr014762	594.12	447.18	304.64
CDL15_Pgr014772	116.82	82.19	41.29
CDL15_Pgr014774	22.16	44246	27395
CDL15_Pgr014777	44248	44393	28550
CDL15_Pgr014800	175.98	149.63	125.61
CDL15_Pgr014807	104.66	86.11	73.19
CDL15_Pgr014832	107.30	50.90	20.90
CDL15_Pgr014836	13606	16497	18660
CDL15_Pgr014870	93.12	84.27	59.77
CDL15_Pgr014900	38.38	36.30	44253
CDL15_Pgr014903	72.10	69.39	54.64
CDL15_Pgr014920	23.65	19.33	14.70
CDL15_Pgr014960	26816	46113	23774
CDL15_Pgr015041	0.60	0.43	0.06

CDL15_Pgr015094	681.24	547.91	312.57
CDL15_Pgr015190	56.98	55.20	53.42
CDL15_Pgr015292	241.01	177.07	145.97
CDL15_Pgr015307	39.85	44439	26.50
CDL15_Pgr015360	16.27	15.80	13.31
CDL15_Pgr015378	87.72	63.09	47.45
CDL15_Pgr015407	11567	29403	0
CDL15_Pgr015414	24259	17593	18629
CDL15_Pgr015426	24.69	20.29	21125
CDL15_Pgr015439	13.50	44513	14550
CDL15_Pgr015511	3891.60	1749.80	700.19
CDL15_Pgr015515	15.64	13.22	44409
CDL15_Pgr015579	34.65	26.39	44477
CDL15_Pgr015644	18323	44228	0
CDL15_Pgr015661	42.08	39.02	32.96
CDL15_Pgr015668	170.99	134.77	95.74
CDL15_Pgr015674	25324	26359	0.34
CDL15_Pgr015677	26.14	44249	14.57
CDL15_Pgr015706	85.82	45.36	26.15
CDL15_Pgr015725	32.91	26.88	14.93
CDL15_Pgr015783	12571	24929	0.67
CDL15_Pgr015849	23.16	15.15	32051
CDL15_Pgr015900	265.09	247.00	183.85
CDL15_Pgr015942	61.25	44.49	28.71
CDL15_Pgr015957	35.20	30.79	20.43
CDL15_Pgr016053	357.20	272.96	127.42
CDL15_Pgr016059	0.62	0.42	0.15
CDL15_Pgr016083	21245	44532	42736
CDL15_Pgr016110	346.47	142.12	34.33
CDL15_Pgr016147	16.26	13.47	46661
CDL15_Pgr016150	0.50	0.43	0.31
CDL15_Pgr016163	15.58	13.54	25294
CDL15_Pgr016165	61.51	40.87	44516
CDL15_Pgr016176	80.10	70.63	54.64
CDL15_Pgr016181	41.45	34.47	30.36

CDL15_Pgr016187	645.62	422.86	246.03
CDL15_Pgr016188	44254	25.20	13.63
CDL15_Pgr016242	46.73	44.02	37.35
CDL15_Pgr016260	31.65	29.78	28.88
CDL15_Pgr016267	97.99	72.25	28.17
CDL15_Pgr016322	0.35	0.24	0.17
CDL15_Pgr016333	47088	44239	43040
CDL15_Pgr016380	354.17	296.05	209.76
CDL15_Pgr016415	71.80	65.94	36.44
CDL15_Pgr016434	30.87	44313	23.44
CDL15_Pgr016450	359.81	251.41	120.88
CDL15_Pgr016487	31.81	44404	25903
CDL15_Pgr016532	0.49	0.18	0
CDL15_Pgr016584	58.87	54.25	32.68
CDL15_Pgr016598	33635	44349	0
CDL15_Pgr016633	233.10	189.03	158.93
CDL15_Pgr016661	109.83	46.03	20302
CDL15_Pgr016676	36192	23408	11689
CDL15_Pgr016688	16438	44317	0.66
CDL15_Pgr016704	782.12	503.29	118.35
CDL15_Pgr016705	28491	0.78	0
CDL15_Pgr016740	26359	28522	0.09
CDL15_Pgr016809	20.64	19.89	15.36
CDL15_Pgr016842	35.31	32.06	21.21
CDL15_Pgr016880	35582	27150	15797
CDL15_Pgr016891	0.97	0.74	0
CDL15_Pgr016908	15.87	30225	29403
CDL15_Pgr016937	17.92	14.99	31778
CDL15_Pgr016942	123.30	75.57	38.51
CDL15_Pgr016972	0.25	0.09	0
CDL15_Pgr017023	245.18	230.64	139.72
CDL15_Pgr017036	141.12	117.61	62.99
CDL15_Pgr017072	111.94	85.23	69.00
CDL15_Pgr017075	0.54	0.25	0
CDL15_Pgr017110	27760	14977	44562

CDL15_Pgr017182	18.20	14.61	44239
CDL15_Pgr017183	32143	44197	0.41
CDL15_Pgr017201	0.32	0.15	0
CDL15_Pgr017211	23.52	20.61	13.19
CDL15_Pgr017271	20637	16589	29677
CDL15_Pgr017296	22.39	17137	11018
CDL15_Pgr017314	42795	35096	20090
CDL15_Pgr017334	35827	22282	0.08
CDL15_Pgr017377	272.80	182.20	111.63
CDL15_Pgr017392	61.34	50.87	31.63
CDL15_Pgr017405	16.15	33208	25416
CDL15_Pgr017503	35065	44440	0.44
CDL15_Pgr017513	373.76	262.41	174.45
CDL15_Pgr017523	24320	20637	20121
CDL15_Pgr017555	94.52	61.81	22.56
CDL15_Pgr017572	43617	18749	25569
CDL15_Pgr017573	14062	20576	0.75
CDL15_Pgr017585	37.90	29.91	25.28
CDL15_Pgr017607	22767	13606	3.00
CDL15_Pgr017654	44204	32994	23102
CDL15_Pgr017658	39.93	34.19	22.73
CDL15_Pgr017659	32.96	23.44	44328
CDL15_Pgr017664	44207	27912	43160
CDL15_Pgr017665	44533	23377	0.92
CDL15_Pgr017722	77.64	65.58	54.65
CDL15_Pgr017727	476.71	274.40	168.10
CDL15_Pgr017731	0.81	0.50	0.16
CDL15_Pgr017733	0.38	0.31	0
CDL15_Pgr017737	83.47	67.07	46.34
CDL15_Pgr017770	0.11	0.05	0
CDL15_Pgr017782	0.66	0.43	0
CDL15_Pgr017807	0.69	0.59	0.36
CDL15_Pgr017865	43.24	19.75	16224
CDL15_Pgr017898	16.53	44360	34029
CDL15_Pgr017924	929.30	599.43	115.06

CDL15_Pgr017938	6236.82	5232.77	4534.86
CDL15_Pgr017955	46508	44256	46023
CDL15_Pgr017963	0.58	0.22	0
CDL15_Pgr017969	75.81	64.86	54.18
CDL15_Pgr018021	13150	44348	0.26
CDL15_Pgr018110	37.84	14.92	35796
CDL15_Pgr018122	12328	43678	29252
CDL15_Pgr018178	32234	20121	15342
CDL15_Pgr018191	44498	14.41	11841
CDL15_Pgr018192	18.32	20760	44233
CDL15_Pgr018203	1025.27	938.90	896.72
CDL15_Pgr018260	928.84	845.42	328.96
CDL15_Pgr018261	28430	16316	28522
CDL15_Pgr018318	44228	0.77	0.42
CDL15_Pgr018319	329.54	290.37	159.71
CDL15_Pgr018325	0.52	0.24	0
CDL15_Pgr018348	400.00	306.03	185.11
CDL15_Pgr018369	58.74	44.09	34608
CDL15_Pgr018374	180.77	108.11	62.72
CDL15_Pgr018376	44519	44393	13.40
CDL15_Pgr018420	16803	44409	0.85
CDL15_Pgr018438	0.91	0.37	0.04
CDL15_Pgr018444	37.19	27.26	18.71
CDL15_Pgr018450	110.16	105.56	94.63
CDL15_Pgr018506	41365	17593	20821
CDL15_Pgr018542	11720	33970	14246
CDL15_Pgr018592	17441	44440	30437
CDL15_Pgr018636	42736	0.94	0.25
CDL15_Pgr018654	881.99	739.97	460.11
CDL15_Pgr018659	15.31	14.36	44296
CDL15_Pgr018664	23.28	44453	22313
CDL15_Pgr018676	53.46	48.81	36.73
CDL15_Pgr018708	16.59	12298	41640
CDL15_Pgr018718	13089	19876	0.12
CDL15_Pgr018720	12875	44200	12114

CDL15_Pgr018725	20.47	17.41	44805
CDL15_Pgr018728	1323.54	667.76	280.35
CDL15_Pgr018734	52.72	47.02	39.91
CDL15_Pgr018750	174.82	118.69	62.10
CDL15_Pgr018752	39.82	29.18	21.59
CDL15_Pgr018758	0.81	0.31	0
CDL15_Pgr018780	33664	44199	42767
CDL15_Pgr018802	12236	43586	47178
CDL15_Pgr018807	46.24	34.78	21.83
CDL15_Pgr018832	159.37	102.75	51.95
CDL15_Pgr018837	861.84	574.92	322.27
CDL15_Pgr018849	38.40	32.90	20.90
CDL15_Pgr018859	0.11	0.07	0
CDL15_Pgr018868	332.53	275.64	149.72
CDL15_Pgr018869	59.29	51.74	34.65
CDL15_Pgr018872	21217	31778	19360
CDL15_Pgr018894	48.51	44.45	38.40
CDL15_Pgr018909	44442	29587	0.46
CDL15_Pgr018925	179.94	158.13	126.03
CDL15_Pgr018926	595.36	448.44	304.06
CDL15_Pgr018991	44247	16.56	17411
CDL15_Pgr019003	26665	14611	0.44
CDL15_Pgr019005	57.60	44.73	19.19
CDL15_Pgr019019	13.28	29738	20515
CDL15_Pgr019049	162.92	99.73	28277
CDL15_Pgr019061	24.27	20029	22647
CDL15_Pgr019073	42125	34394	0.45
CDL15_Pgr019075	85.67	74.78	65.37
CDL15_Pgr019084	40.28	35.18	23.97
CDL15_Pgr019102	15.71	16407	29587
CDL15_Pgr019128	0.36	0.20	0.04
CDL15_Pgr019225	133.34	95.12	73.95
CDL15_Pgr019314	44350	44441	11324
CDL15_Pgr019343	115.34	112.41	109.64
CDL15_Pgr019367	337.20	311.44	187.78

CDL15_Pgr019369	399.45	286.70	195.00
CDL15_Pgr019372	34.37	32.85	25.84
CDL15_Pgr019385	31048	44317	0.53
CDL15_Pgr019430	21.99	14.88	34516
CDL15_Pgr019443	89.91	49.11	24807
CDL15_Pgr019447	28642	15008	0.25
CDL15_Pgr019455	42430	32174	22678
CDL15_Pgr019463	21276	17958	0
CDL15_Pgr019526	12936	24593	44441
CDL15_Pgr019540	0.77	0.34	0
CDL15_Pgr019575	28522	14246	0.34
CDL15_Pgr019576	18.99	33451	44256
CDL15_Pgr019578	33635	14246	0
CDL15_Pgr019597	175.69	152.36	62.57
CDL15_Pgr019619	30742	21217	0.54
CDL15_Pgr019646	128.86	95.10	38.41
CDL15_Pgr019657	28185	44199	26665
CDL15_Pgr019687	44319	44501	0
CDL15_Pgr019708	44306	16.32	13.51
CDL15_Pgr019710	29.81	19.61	41579
CDL15_Pgr019738	44364	14.48	32721
CDL15_Pgr019753	99.64	74.41	42.95
CDL15_Pgr019773	21429	34912	42522
CDL15_Pgr019775	144.87	138.37	120.68
CDL15_Pgr019776	44401	14.35	0.57
CDL15_Pgr019808	0.51	0.28	0.10
CDL15_Pgr019809	58.39	54.53	44.55
CDL15_Pgr019812	83.48	77.86	53.53
CDL15_Pgr019894	44378	0.41	0.09
CDL15_Pgr019914	14.66	25173	33786
CDL15_Pgr019969	14519	46631	14427
CDL15_Pgr019992	103.05	94.40	81.71
CDL15_Pgr020003	463.87	416.88	378.90
CDL15_Pgr020022	44216	17.95	32082
CDL15_Pgr020031	107.32	84.18	73.21

CDL15_Pgr020033	16407	26177	32660
CDL15_Pgr020043	26.95	20.62	15.86
CDL15_Pgr020080	14611	0.57	0.12
CDL15_Pgr020101	16.78	29037	0.05
CDL15_Pgr020141	44479	22463	44202
CDL15_Pgr020147	16.97	13820	15373
CDL15_Pgr020189	25.65	22.88	18.37
CDL15_Pgr020197	428.97	346.13	262.91
CDL15_Pgr020199	35521	14305	0.79
CDL15_Pgr020204	46388	0.72	0.38
CDL15_Pgr020205	1002.57	747.84	439.99
CDL15_Pgr020223	783.56	483.67	128.97
CDL15_Pgr020235	0.37	0.29	0.21
CDL15_Pgr020244	44282	18.90	25324
CDL15_Pgr020248	47.65	46.83	45.18
CDL15_Pgr020249	0.13	0.08	0
CDL15_Pgr020270	23.33	16.18	34060
CDL15_Pgr020297	215.41	186.23	171.30
CDL15_Pgr020326	142.19	105.40	79.16
CDL15_Pgr020349	14093	19511	18629
CDL15_Pgr020356	1928.33	1330.84	281.10
CDL15_Pgr020357	1.00	0.51	0
CDL15_Pgr020410	37.94	17.32	31503
CDL15_Pgr020411	34.91	31.65	20.69
CDL15_Pgr020412	193.93	147.34	78.17
CDL15_Pgr020430	43101	0.93	0.70
CDL15_Pgr020437	17593	45292	0
CDL15_Pgr020463	763.61	754.90	742.05
CDL15_Pgr020479	326.20	111.41	35156
CDL15_Pgr020586	120.88	97.04	67.39
CDL15_Pgr020596	478.70	375.56	207.99
CDL15_Pgr020710	25.99	22.32	11628
CDL15_Pgr020716	30468	47209	32509
CDL15_Pgr020758	21429	44383	41730
CDL15_Pgr020766	29.73	18.45	44482

CDL15_Pgr020855	608.80	581.64	471.55
CDL15_Pgr020858	13516	0.68	0.30
CDL15_Pgr020861	253.09	135.84	69.46
CDL15_Pgr020873	32.45	25.21	17.61
CDL15_Pgr020886	66.03	48.03	28.56
CDL15_Pgr020967	66.42	55.52	19.77
CDL15_Pgr020972	22.55	29160	46784
CDL15_Pgr021019	44197	0.90	0.64
CDL15_Pgr021030	28126	44317	0.47
CDL15_Pgr021121	16346	14093	16589
CDL15_Pgr021122	284.64	243.70	174.26
CDL15_Pgr021126	44501	0.57	0.31
CDL15_Pgr021158	82.04	50.28	14.17
CDL15_Pgr021194	154.71	135.17	89.02
CDL15_Pgr021239	0.41	0.25	0.13
CDL15_Pgr021274	94.15	83.15	44.17
CDL15_Pgr021285	0.68	0.51	0
CDL15_Pgr021290	73.16	66.99	52.15
CDL15_Pgr021293	27.44	19.74	22525
CDL15_Pgr021296	0.30	0.13	0
CDL15_Pgr021303	13.90	41548	34335
CDL15_Pgr021324	29068	35247	42491
CDL15_Pgr021352	52.07	44.33	24.99
CDL15_Pgr021383	13.19	22433	43831
CDL15_Pgr021384	31.00	23.47	15.20
CDL15_Pgr021398	79.81	53.44	32.17
CDL15_Pgr021406	15097	44474	44256
CDL15_Pgr021454	793.35	709.75	333.26
CDL15_Pgr021489	44385	13667	27791
CDL15_Pgr021492	12571	44287	44319
CDL15_Pgr021493	34.87	33.00	24.27
CDL15_Pgr021502	70.33	41.08	14.75
CDL15_Pgr021508	16.91	15.80	16316
CDL15_Pgr021525	25903	33878	35977
CDL15_Pgr021532	96.70	79.90	71.08

CDL15_Pgr021536	87.61	62.35	17168
CDL15_Pgr021549	36404	12966	26724
CDL15_Pgr021556	41.41	33.18	18.92
CDL15_Pgr021577	98.34	88.44	52.28
CDL15_Pgr021597	86.34	65.74	47.60
CDL15_Pgr021618	34731	11355	44348
CDL15_Pgr021638	83.71	70.09	60.26
CDL15_Pgr021647	24108	44470	0.25
CDL15_Pgr021736	369.60	199.28	84.61
CDL15_Pgr021762	51.97	49.32	38.87
CDL15_Pgr021764	29.46	25.74	32203
CDL15_Pgr021775	115.57	94.40	79.52
CDL15_Pgr021780	57.66	40.63	42186
CDL15_Pgr021794	33909	35886	0.82
CDL15_Pgr021819	40.76	35.92	28.47
CDL15_Pgr021853	192.76	156.41	98.38
CDL15_Pgr021869	29037	23894	35521
CDL15_Pgr021905	35.25	32.78	19.92
CDL15_Pgr021918	15.55	17502	13302
CDL15_Pgr022013	32325	44259	44927
CDL15_Pgr022038	44291	44533	0
CDL15_Pgr022045	11171	13606	0
CDL15_Pgr022053	13.59	43435	13759
CDL15_Pgr022072	24.98	22.80	24077
CDL15_Pgr022152	48.74	39.19	27.82
CDL15_Pgr022159	20.98	13.30	45870
CDL15_Pgr022189	55.33	54.44	52.70
CDL15_Pgr022195	0.85	0.68	0.12
CDL15_Pgr022257	30042	16862	31413
CDL15_Pgr022289	44474	24139	16438
CDL15_Pgr022301	580.49	397.68	167.53
CDL15_Pgr022315	13181	0.85	0
CDL15_Pgr022356	28.31	18.93	42370
CDL15_Pgr022407	13912	45292	0.61
CDL15_Pgr022454	0.73	0.47	0.22

CDL15_Pgr022472	28.77	28.21	25.32
CDL15_Pgr022474	88.24	84.61	81.30
CDL15_Pgr022491	95.92	89.77	74.13
CDL15_Pgr022543	72.23	67.78	62.30
CDL15_Pgr022549	24746	25020	26420
CDL15_Pgr022573	17380	7.00	43586
CDL15_Pgr022597	942.80	810.29	537.45
CDL15_Pgr022600	195.43	86.98	25.50
CDL15_Pgr022660	105.36	80.23	59.61
CDL15_Pgr022663	45231	26054	33270
CDL15_Pgr022664	30.28	22.78	44352
CDL15_Pgr022674	201.34	182.96	164.18
CDL15_Pgr022757	76.78	54.97	32.17
CDL15_Pgr022760	102.41	90.28	77.12
CDL15_Pgr022776	0.23	0.13	0
CDL15_Pgr022781	200.14	163.75	132.11
CDL15_Pgr022786	26785	12114	20090
CDL15_Pgr022795	43497	21916	0.13
CDL15_Pgr022820	88.27	85.29	81.42
CDL15_Pgr022880	38.51	35.35	26.70
CDL15_Pgr022912	46174	30742	0.82
CDL15_Pgr022942	115.65	98.89	25.49
CDL15_Pgr022944	0.38	0.33	0.17
CDL15_Pgr022957	19541	25294	22678
CDL15_Pgr022976	24593	42036	0
CDL15_Pgr022987	67.41	63.01	48.23
CDL15_Pgr023008	134.60	101.80	81.74
CDL15_Pgr023037	61.65	58.06	50.70
CDL15_Pgr023064	15.20	45627	17076
CDL15_Pgr023090	46753	42005	0.63
CDL15_Pgr023146	180.05	131.45	99.59
CDL15_Pgr023162	140.65	93.02	55.20
CDL15_Pgr023178	0.67	0.54	0
CDL15_Pgr023180	15766	3.00	44198
CDL15_Pgr023208	46.20	39.50	36.28

CDL15_Pgr023324	95.05	69.38	41.24
CDL15_Pgr023334	13089	32051	44774
CDL15_Pgr023338	0.44	0.33	0
CDL15_Pgr023350	15.70	21398	23468
CDL15_Pgr023362	40.96	28.87	17.60
CDL15_Pgr023411	90.01	84.00	43.79
CDL15_Pgr023501	341.13	319.75	286.95
CDL15_Pgr023514	31564	20941	27454
CDL15_Pgr023526	32.70	26.73	11263
CDL15_Pgr023575	67.77	56.54	33.30
CDL15_Pgr023610	60.66	45.81	14.29
CDL15_Pgr023682	7.00	21582	0
CDL15_Pgr023707	698.52	588.26	413.23
CDL15_Pgr023727	40.54	33.60	17.73
CDL15_Pgr023750	28.62	26.41	19.89
CDL15_Pgr023774	105.90	78.27	61.44
CDL15_Pgr023883	15.63	13.87	29526
CDL15_Pgr024015	32.89	27.00	17.77
CDL15_Pgr024018	0.36	0.24	0
CDL15_Pgr024020	23.19	21.35	16.85
CDL15_Pgr024032	32.36	18.15	44805
CDL15_Pgr024057	717.09	659.26	359.65
CDL15_Pgr024084	0.53	0.49	0.31
CDL15_Pgr024152	18.91	15.75	28095
CDL15_Pgr024172	13.26	44293	44410
CDL15_Pgr024204	33117	33329	0.88
CDL15_Pgr024231	30.48	44398	26969
CDL15_Pgr024261	44394	31321	13971
CDL15_Pgr024275	36008	43282	21276
CDL15_Pgr024294	744.47	532.99	341.78
CDL15_Pgr024302	44290	46813	0.87
CDL15_Pgr024320	94.79	54.35	16.53
CDL15_Pgr024330	83.13	50.54	31.35
CDL15_Pgr024332	35582	13636	44381
CDL15_Pgr024339	0.80	0.65	0.27

CDL15_Pgr024357	0.42	0.23	0.08
CDL15_Pgr024376	45323	46753	0.58
CDL15_Pgr024378	53.56	35.71	17.71
CDL15_Pgr024388	181.60	117.17	45.39
CDL15_Pgr024390	17107	26207	44540
CDL15_Pgr024400	9088.23	7897.73	3447.49
CDL15_Pgr024412	13058	18080	26390
CDL15_Pgr024435	50.70	44.75	37.53
CDL15_Pgr024443	64.81	61.25	45.35
CDL15_Pgr024478	29799	30133	44354
CDL15_Pgr024507	26085	44381	0.84
CDL15_Pgr024508	0.87	0.30	0
CDL15_Pgr024510	27607	11475	44381
CDL15_Pgr024516	31.80	21.59	14.13
CDL15_Pgr024567	104.61	101.15	88.44
CDL15_Pgr024568	108.15	85.01	50.84
CDL15_Pgr024573	0.40	0.37	0.26
CDL15_Pgr024595	44743	23529	44506
CDL15_Pgr024597	31.84	28.48	19.95
CDL15_Pgr024614	41365	16862	16834
CDL15_Pgr024632	0.72	0.55	0.35
CDL15_Pgr024768	31747	23955	46054
CDL15_Pgr024775	0.59	0.47	0
CDL15_Pgr024776	11720	44379	0.61
CDL15_Pgr024852	235.28	164.98	100.39
CDL15_Pgr024858	75.38	60.80	46.85
CDL15_Pgr024895	69.69	50.22	31.73
CDL15_Pgr024921	44542	34213	35521
CDL15_Pgr024938	44317	12844	0.92
CDL15_Pgr024945	44302	44453	14550
CDL15_Pgr024949	26816	33695	45689
CDL15_Pgr024963	30.69	26.54	41944
CDL15_Pgr025011	60.06	53.10	33.04
CDL15_Pgr025036	16438	43831	0.64
CDL15_Pgr025051	70.23	49.13	27.70

CDL15_Pgr025056	17.22	15.64	43313
CDL15_Pgr025082	255.98	196.09	102.76
CDL15_Pgr025088	48.90	33.20	23.38
CDL15_Pgr025095	17.44	13.63	19815
CDL15_Pgr025102	24259	30072	29587
CDL15_Pgr025175	17.91	16.30	20424
CDL15_Pgr025197	14.77	30256	17288
CDL15_Pgr025199	0.79	0.48	0
CDL15_Pgr025208	27.91	19.19	44136
CDL15_Pgr025214	26115	29646	0
CDL15_Pgr025233	33635	44197	0.36
CDL15_Pgr025238	28.91	21.71	14.93
CDL15_Pgr025240	28825	26420	33970
CDL15_Pgr025245	44493	15.71	13606
CDL15_Pgr025258	162.97	115.86	90.55
CDL15_Pgr025275	220.79	172.54	125.15
CDL15_Pgr025279	469.95	231.64	90.62
CDL15_Pgr025295	3604.55	2961.77	1499.25
CDL15_Pgr025302	23.70	15.98	19572
CDL15_Pgr025322	370.08	308.72	219.65
CDL15_Pgr025327	30713	44379	10959
CDL15_Pgr025376	44228	0.40	0.03
CDL15_Pgr025430	44507	41791	0.58
CDL15_Pgr025461	38.51	36.42	24.28
CDL15_Pgr025473	202.54	164.76	23.74
CDL15_Pgr025477	0.72	0.58	0.32
CDL15_Pgr025501	12055	44317	0.14
CDL15_Pgr025515	44958	24838	0.59
CDL15_Pgr025524	43862	23012	0.90
CDL15_Pgr025530	43831	0.61	0.33
CDL15_Pgr025563	56.14	38.17	44557
CDL15_Pgr025565	20637	29738	23132
CDL15_Pgr025578	0.22	0.16	0
CDL15_Pgr025582	239.50	222.11	202.83
CDL15_Pgr025587	16.74	15.69	29556

CDL15_Pgr025595	1.00	0.81	0.55
CDL15_Pgr025600	920.87	622.74	348.18
CDL15_Pgr025617	496.64	440.57	209.03
CDL15_Pgr025619	712.04	467.28	241.02
CDL15_Pgr025638	35855	28856	0.25
CDL15_Pgr025649	17.80	26877	32540
CDL15_Pgr025656	0.35	0.25	0.11
CDL15_Pgr025672	44440	0.62	0
CDL15_Pgr025715	11171	43922	35431
CDL15_Pgr025725	30072	44289	18264
CDL15_Pgr025744	26054	19450	14305
CDL15_Pgr025757	62.18	48.06	38.59
CDL15_Pgr025769	11324	0.86	0.47
CDL15_Pgr025776	31.85	30.13	22.91
CDL15_Pgr025780	50.94	39.54	16.37
CDL15_Pgr025815	610.74	522.27	273.04
CDL15_Pgr025820	0.33	0.22	0
CDL15_Pgr025823	423.52	175.81	20.17
CDL15_Pgr025830	43678	5.00	31079
CDL15_Pgr025831	529.41	341.57	233.86
CDL15_Pgr025853	115.17	107.54	58.60
CDL15_Pgr025869	142.39	86.71	56.60
CDL15_Pgr025873	20.49	44359	27181
CDL15_Pgr025884	21947	14642	33970
CDL15_Pgr025887	78.66	49.64	31.14
CDL15_Pgr025888	32021	20302	0.49
CDL15_Pgr025889	35796	32874	23012
CDL15_Pgr025915	0.59	0.48	0.38
CDL15_Pgr025946	16132	44442	25204
CDL15_Pgr025952	20972	27120	0
CDL15_Pgr025958	578.23	568.99	548.53
CDL15_Pgr025969	20576	44535	20911
CDL15_Pgr026004	504.43	458.53	409.88
CDL15_Pgr026044	80.80	59.53	49.28
CDL15_Pgr026053	20.37	14.50	22098

CDL15_Pgr026104	31837	44380	0.78
CDL15_Pgr026123	89.27	80.39	59.75
CDL15_Pgr026124	19.52	26938	21217
CDL15_Pgr026248	0.37	0.29	0
CDL15_Pgr026284	42795	17899	0.36
CDL15_Pgr026374	23.68	21.92	17.67
CDL15_Pgr026488	113.20	45.95	13.46
CDL15_Pgr026490	251.79	239.90	165.12
CDL15_Pgr026509	25385	26085	35490
CDL15_Pgr026532	19784	36192	46023
CDL15_Pgr026598	28642	34090	29618
CDL15_Pgr026605	15.68	44389	28856
CDL15_Pgr026687	82.61	35.11	34090
CDL15_Pgr026710	44.09	37.33	31.58
CDL15_Pgr026715	88.61	52.46	46174
CDL15_Pgr026765	46235	15067	29221
CDL15_Pgr026766	26085	44383	35521
CDL15_Pgr026789	0.38	0.18	0
CDL15_Pgr026790	38.79	34.90	23.31
CDL15_Pgr026820	37.47	44495	18.46
CDL15_Pgr026828	47.53	34.97	35674
CDL15_Pgr026833	0.68	0.38	0
CDL15_Pgr026848	75.69	51.45	16.28
CDL15_Pgr026872	48.93	31.85	19.48
CDL15_Pgr026884	43617	16163	15738
CDL15_Pgr026894	44209	11.00	44409
CDL15_Pgr026922	70.41	60.77	34.54
CDL15_Pgr026923	28856	0.87	0.12
CDL15_Pgr026957	43160	14611	0.31
CDL15_Pgr026965	44409	12844	0.77
CDL15_Pgr027053	92.04	60.87	42.06
CDL15_Pgr027097	265.14	232.92	152.11
CDL15_Pgr027169	16834	26665	0.65
CDL15_Pgr027213	44409	0.91	0
CDL15_Pgr027239	232.15	200.34	115.25

CDL15_Pgr027386	15036	46447	33635
CDL15_Pgr027413	28.61	44866	35462
CDL15_Pgr027417	30.37	27.99	23.95
CDL15_Pgr027429	44501	0.62	0.17
CDL15_Pgr027443	0.37	0.22	0
CDL15_Pgr027457	43132	21551	44378
CDL15_Pgr027562	134.76	107.67	62.72
CDL15_Pgr027597	154.50	131.48	118.36
CDL15_Pgr027604	35.13	30.97	29342
CDL15_Pgr027649	54.65	28.57	13.33
CDL15_Pgr027662	29587	45292	0.21
CDL15_Pgr027675	121.64	106.91	72.66
CDL15_Pgr027694	15432	31444	0
CDL15_Pgr027728	381.28	364.30	288.91
CDL15_Pgr027749	520.02	377.06	115.69
CDL15_Pgr027750	943.35	842.97	239.28
CDL15_Pgr027769	42430	44593	0.79
CDL15_Pgr027777	75.13	33.40	44478
CDL15_Pgr027793	217.33	165.11	101.74
CDL15_Pgr027815	21885	17777	19784
CDL15_Pgr027842	66.56	46.09	27.40
CDL15_Pgr027933	18.13	15.97	32843
CDL15_Pgr027948	120.73	65.79	22.16
CDL15_Pgr027988	25.14	19.30	15.24
CDL15_Pgr028045	2284.61	1722.90	882.94
CDL15_Pgr028047	0.24	0.11	0.04
CDL15_Pgr028057	125.94	108.41	40.61
CDL15_Pgr028059	17.68	14.37	10990
CDL15_Pgr028068	34.14	44498	44474
CDL15_Pgr028084	14062	14732	0.71
CDL15_Pgr028120	20911	44318	0
CDL15_Pgr028121	360.47	262.87	160.06
CDL15_Pgr028160	18810	20607	16862
CDL15_Pgr028179	117.45	96.23	46.88
CDL15_Pgr028184	661.82	527.63	169.26

CDL15_Pgr028219	84.14	79.33	76.31
CDL15_Pgr028244	55.88	29.75	43891
CDL15_Pgr028255	44330	24685	44532
CDL15_Pgr028328	47.39	37.22	16.27
CDL15_Pgr028367	143.18	100.52	44.28
CDL15_Pgr028414	44395	13.44	34851
CDL15_Pgr028449	15766	27791	0.81
CDL15_Pgr028464	41.30	14.38	23743
CDL15_Pgr028483	30.52	27.45	26938
CDL15_Pgr028506	30.19	20.46	14.29
CDL15_Pgr028521	129.67	113.08	79.95
CDL15_Pgr028526	31929	23071	29221
CDL15_Pgr028544	33786	11780	13150
CDL15_Pgr028547	41.69	33.41	15.18
CDL15_Pgr028555	18415	44200	0.67
CDL15_Pgr028567	174.51	141.12	116.60
CDL15_Pgr028583	0.48	0.24	0
CDL15_Pgr028587	42.79	34.46	28.67
CDL15_Pgr028668	44250	13.13	26115
CDL15_Pgr028722	44448	35217	24167
CDL15_Pgr028725	27364	15858	18264
CDL15_Pgr028756	99.08	51.03	13.31
CDL15_Pgr028778	44492	18.43	0.81
CDL15_Pgr028789	0.27	0.10	0
CDL15_Pgr028837	44.05	40.75	37.40
CDL15_Pgr028838	17564	41275	0.41
CDL15_Pgr028906	75.91	63.20	55.64
CDL15_Pgr028908	13.59	45261	42644
CDL15_Pgr028919	325.71	274.63	156.68
CDL15_Pgr028925	16.53	19329	35582
CDL15_Pgr028927	109.31	79.01	48.43
CDL15_Pgr028936	61.79	37.09	12024
CDL15_Pgr028946	44197	0.37	0
CDL15_Pgr028960	45.06	39.25	11536
CDL15_Pgr028963	67.40	64.43	46.31

CDL15_Pgr028999	76.16	32.02	45139
CDL15_Pgr029021	52.07	37.95	18.73
CDL15_Pgr029032	1609.63	1472.24	731.96
CDL15_Pgr029034	15.31	16377	30376
CDL15_Pgr029055	313.20	262.11	226.89
CDL15_Pgr029058	44505	19025	41640
CDL15_Pgr029104	582.77	496.51	344.95
CDL15_Pgr029105	234.94	187.16	140.11
CDL15_Pgr029130	21.31	18.61	14.21
CDL15_Pgr029139	0.49	0.36	0.20
CDL15_Pgr029143	16254	30072	42826
CDL15_Pgr029170	199.77	192.46	163.00
CDL15_Pgr000027	21702	44927	20121
CDL15_Pgr000029	38.53	44507	26.64
CDL15_Pgr000033	26330	0	20090
CDL15_Pgr000053	22647	0	0.37
CDL15_Pgr000055	47119	0.62	44287
CDL15_Pgr000061	13516	0	0.80
CDL15_Pgr000069	0.76	0	0.47
CDL15_Pgr000150	14580	46204	27973
CDL15_Pgr000175	32.44	26.22	29.83
CDL15_Pgr000183	45352	1.00	42401
CDL15_Pgr000245	46054	0	43831
CDL15_Pgr000346	0.84	0	0.33
CDL15_Pgr000374	187.43	170.20	175.98
CDL15_Pgr000503	82.67	63.00	68.35
CDL15_Pgr000519	29.85	44396	24.68
CDL15_Pgr000522	23529	19391	12510
CDL15_Pgr000540	14977	0.27	0.96
CDL15_Pgr000542	35125	0.39	17564
CDL15_Pgr000562	44337	20.29	20.46
CDL15_Pgr000639	78.92	23.00	40.68
CDL15_Pgr000643	0.45	0.16	0.35
CDL15_Pgr000651	31.91	21.71	27.80
CDL15_Pgr000674	14.78	30133	14580

CDL15_Pgr000682	22.57	12754	17.28
CDL15_Pgr000734	0.66	0.30	0.43
CDL15_Pgr000742	22.75	15980	14.13
CDL15_Pgr000748	48.24	23.41	33.57
CDL15_Pgr000749	44378	0	0.36
CDL15_Pgr000841	97.00	82.07	88.53
CDL15_Pgr000951	86.57	40.30	56.05
CDL15_Pgr000961	20121	22282	44228
CDL15_Pgr001001	0.89	0	0.45
CDL15_Pgr001070	13.19	20363	14185
CDL15_Pgr001079	34973	23043	19906
CDL15_Pgr001107	33939	13971	32295
CDL15_Pgr001112	16072	0.96	42005
CDL15_Pgr001126	13.78	32356	44297
CDL15_Pgr001128	302.30	213.50	262.45
CDL15_Pgr001134	22706	31809	15036
CDL15_Pgr001158	262.67	160.78	216.53
CDL15_Pgr001174	24108	0.31	0.65
CDL15_Pgr001211	75.32	38.66	49.81
CDL15_Pgr001222	44487	23071	28369
CDL15_Pgr001345	25.53	15.38	44550
CDL15_Pgr001350	45.73	14.38	28.25
CDL15_Pgr001357	11444	29646	18354
CDL15_Pgr001407	42887	34731	17989
CDL15_Pgr001427	30713	0	32143
CDL15_Pgr001463	41306	0	0.90
CDL15_Pgr001472	0.95	0	0.43
CDL15_Pgr001476	16803	0.25	0.62
CDL15_Pgr001487	0.15	0	0.06
CDL15_Pgr001494	19725	0	44409
CDL15_Pgr001514	0.51	0	0.14
CDL15_Pgr001520	191.19	170.93	175.73
CDL15_Pgr001613	35339	17564	32295
CDL15_Pgr001630	65.94	54.06	61.65
CDL15_Pgr001676	717.53	489.58	567.03

CDL15_Pgr001678	46813	44410	27791
CDL15_Pgr001682	28.51	23.35	44311
CDL15_Pgr001705	42917	34731	32599
CDL15_Pgr001713	15311	14732	15950
CDL15_Pgr001716	44318	0.55	20090
CDL15_Pgr001758	228.07	57.49	140.25
CDL15_Pgr001891	32874	0.20	0.93
CDL15_Pgr001931	0.25	0	0.10
CDL15_Pgr001947	444.50	181.52	245.91
CDL15_Pgr001952	39.03	17715	14.86
CDL15_Pgr001958	1.00	0	0.34
CDL15_Pgr001960	19694	29068	23621
CDL15_Pgr001979	241.97	180.68	197.66
CDL15_Pgr001986	16.74	33482	13.42
CDL15_Pgr001988	21.16	16254	14.37
CDL15_Pgr002017	152.12	112.50	138.40
CDL15_Pgr002033	49.25	25.14	34.30
CDL15_Pgr002050	27.58	14.85	21.85
CDL15_Pgr002061	73.84	41.05	62.65
CDL15_Pgr002062	0.85	0	0.56
CDL15_Pgr002088	21.53	17.24	19.66
CDL15_Pgr002110	28095	47209	28307
CDL15_Pgr002120	57.81	29.91	41.87
CDL15_Pgr002129	551.29	377.83	440.43
CDL15_Pgr002134	31229	33635	12206
CDL15_Pgr002158	41640	0.23	0.76
CDL15_Pgr002179	122.97	64.99	96.75
CDL15_Pgr002196	34.51	25.33	27.45
CDL15_Pgr002297	0.70	0.07	0.23
CDL15_Pgr002301	39.14	29.48	34.76
CDL15_Pgr002350	98.75	13.90	57.97
CDL15_Pgr002426	30895	0	35186
CDL15_Pgr002580	44234	44350	11079
CDL15_Pgr002732	14642	0.38	44927
CDL15_Pgr002752	193.68	152.06	176.61

CDL15_Pgr002753	15.78	19025	27881
CDL15_Pgr002799	33725	35521	11810
CDL15_Pgr002895	44203	44504	45047
CDL15_Pgr002917	18.92	27638	44166
CDL15_Pgr002931	20.50	30651	14.88
CDL15_Pgr002944	21.94	26390	28764
CDL15_Pgr002971	85.36	19.13	60.53
CDL15_Pgr003008	35.64	26.86	31.48
CDL15_Pgr003023	37.51	17.95	25.71
CDL15_Pgr003025	187.97	82.13	116.24
CDL15_Pgr003056	13150	0	0.69
CDL15_Pgr003074	0.84	0.45	0.55
CDL15_Pgr003081	54.43	16497	37.13
CDL15_Pgr003166	0.42	0	0.20
CDL15_Pgr003179	41699	0.21	30317
CDL15_Pgr003207	36404	44411	24198
CDL15_Pgr003230	12479	0.63	12420
CDL15_Pgr003253	35.51	20.74	28.79
CDL15_Pgr003264	42095	46753	45323
CDL15_Pgr003275	466.48	310.62	405.92
CDL15_Pgr003289	0.33	0.10	0.22
CDL15_Pgr003299	0.34	0.12	0.18
CDL15_Pgr003313	20668	12905	20607
CDL15_Pgr003316	44538	29221	21245
CDL15_Pgr003322	30.27	25020	21.38
CDL15_Pgr003373	27576	15008	32234
CDL15_Pgr003380	1088.05	680.74	942.74
CDL15_Pgr003381	53.94	37.11	45.01
CDL15_Pgr003408	44198	0.15	0.62
CDL15_Pgr003414	47.90	26.55	38.56
CDL15_Pgr003463	87.93	68.58	80.47
CDL15_Pgr003484	0.16	0	0.08
CDL15_Pgr003512	31503	33635	41730
CDL15_Pgr003515	29.53	22.84	24.90
CDL15_Pgr003526	15.72	23955	44450

CDL15_Pgr003554	25.50	14.51	17.75
CDL15_Pgr003563	93.79	50.31	80.85
CDL15_Pgr003580	35521	0.85	44228
CDL15_Pgr003609	11689	0.36	0.64
CDL15_Pgr003631	11171	16984	44294
CDL15_Pgr003666	46813	12420	44229
CDL15_Pgr003731	45.06	26.90	31.97
CDL15_Pgr003782	11689	0	0.64
CDL15_Pgr003798	30195	44287	22737
CDL15_Pgr003842	29556	44448	25143
CDL15_Pgr003863	1535.30	1161.27	1249.01
CDL15_Pgr003876	23743	0	0.46
CDL15_Pgr003973	13028	15342	17624
CDL15_Pgr003987	269.06	182.64	202.93
CDL15_Pgr004038	21582	44287	33239
CDL15_Pgr004044	31168	44411	32599
CDL15_Pgr004064	32174	0.24	13881
CDL15_Pgr004114	258.90	179.95	218.42
CDL15_Pgr004136	44440	0.53	0.84
CDL15_Pgr004143	70.21	31.94	52.22
CDL15_Pgr004150	36.62	17.14	25.53
CDL15_Pgr004155	20607	0.33	44228
CDL15_Pgr004187	15707	41640	46753
CDL15_Pgr004230	17.78	18203	13.52
CDL15_Pgr004249	23743	0	0.60
CDL15_Pgr004264	0.69	0.24	0.51
CDL15_Pgr004268	44371	15.99	21.47
CDL15_Pgr004289	0.68	0.26	0.38
CDL15_Pgr004311	44241	44388	17137
CDL15_Pgr004323	26.54	25.67	26.25
CDL15_Pgr004325	44958	0.53	22282
CDL15_Pgr004330	188.27	100.44	125.98
CDL15_Pgr004373	0.16	0	0.11
CDL15_Pgr004377	45.94	32.05	36.71
CDL15_Pgr004378	0.86	0	0.22

CDL15_Pgr004384	266.02	150.50	189.85
CDL15_Pgr004403	428.00	177.27	353.47
CDL15_Pgr004458	38.42	24.59	28.15
CDL15_Pgr004464	48.16	43.30	46.46
CDL15_Pgr004527	76.77	42.90	60.15
CDL15_Pgr004583	19360	0	0.62
CDL15_Pgr004641	17.28	44478	14.77
CDL15_Pgr004653	31472	0.72	15707
CDL15_Pgr004699	29.75	21367	44244
CDL15_Pgr004870	27395	0.88	14246
CDL15_Pgr004963	22.33	47209	44540
CDL15_Pgr004967	143.00	44505	68.94
CDL15_Pgr004968	44470	0.69	0.98
CDL15_Pgr004984	44504	44378	44379
CDL15_Pgr005013	259.60	166.45	210.61
CDL15_Pgr005108	18629	0	0.88
CDL15_Pgr005242	0.80	0.11	0.37
CDL15_Pgr005278	44371	15311	19.19
CDL15_Pgr005369	37.32	16.21	30.57
CDL15_Pgr005379	0.28	0	0.09
CDL15_Pgr005408	28946	0.11	19725
CDL15_Pgr005432	22890	32905	35582
CDL15_Pgr005467	35.44	22.27	27.64
CDL15_Pgr005469	67.66	41.32	56.43
CDL15_Pgr005479	60.85	37.36	49.18
CDL15_Pgr005482	96.28	37.71	77.59
CDL15_Pgr005505	0.34	0.15	0.26
CDL15_Pgr005575	38.08	20.19	28.74
CDL15_Pgr005581	57.38	39.20	47.31
CDL15_Pgr005582	44454	19329	14.33
CDL15_Pgr005584	44236	12114	43983
CDL15_Pgr005622	44593	0.45	42005
CDL15_Pgr005648	43831	0.09	0.49
CDL15_Pgr005726	69.28	28946	51.10
CDL15_Pgr005953	14.17	35612	44512

CDL15_Pgr005959	23.64	14.44	19.50
CDL15_Pgr005999	95.77	70.81	77.87
CDL15_Pgr006007	22313	24473	44441
CDL15_Pgr006184	89.86	21.91	54.85
CDL15_Pgr006230	76.39	54.96	61.42
CDL15_Pgr006293	16.47	16528	12236
CDL15_Pgr006475	11383	44470	44318
CDL15_Pgr006494	30.22	15.89	19.18
CDL15_Pgr006503	25.94	12936	20.48
CDL15_Pgr006504	46388	0	0.50
CDL15_Pgr006527	31.18	44342	29.27
CDL15_Pgr006539	20149	0.49	13516
CDL15_Pgr006545	15432	45717	31837
CDL15_Pgr006547	50.42	0.98	44374
CDL15_Pgr006548	56.36	47119	18.79
CDL15_Pgr006606	24898	0.38	17899
CDL15_Pgr006607	44536	16893	17288
CDL15_Pgr006608	46.41	17.88	26.36
CDL15_Pgr006621	0.75	0	0.37
CDL15_Pgr006732	172.62	78.47	113.94
CDL15_Pgr006754	33.88	20029	18.39
CDL15_Pgr006845	24.40	27638	16.80
CDL15_Pgr006852	13.25	42887	21824
CDL15_Pgr006898	35796	0.59	41640
CDL15_Pgr006959	85.36	42.94	54.31
CDL15_Pgr006962	140.87	87.85	109.61
CDL15_Pgr006965	180.57	71.26	139.54
CDL15_Pgr006998	12540	0.31	16469
CDL15_Pgr007000	0.13	0	0.04
CDL15_Pgr007057	19360	0.79	43466
CDL15_Pgr007058	15.95	44927	11871
CDL15_Pgr007079	15128	21610	31868
CDL15_Pgr007090	26299	0.61	43101
CDL15_Pgr007093	31778	0.46	0.84
CDL15_Pgr007110	27.55	15.51	20.43

CDL15_Pgr007141	36.84	28307	22.28
CDL15_Pgr007147	44288	0.20	45658
CDL15_Pgr007214	0.82	0	0.37
CDL15_Pgr007264	0.22	0	0.12
CDL15_Pgr007276	0.47	0	0.31
CDL15_Pgr007280	22.23	26146	13.61
CDL15_Pgr007326	13940	22647	32174
CDL15_Pgr007333	100.65	42.25	69.39
CDL15_Pgr007340	44462	19.59	21.60
CDL15_Pgr007378	14.70	23285	32813
CDL15_Pgr007412	0.51	0.16	0.33
CDL15_Pgr007414	51.00	43.58	47.38
CDL15_Pgr007422	44409	0.15	0.58
CDL15_Pgr007448	202.42	71.87	122.24
CDL15_Pgr007498	33420	28522	18749
CDL15_Pgr007502	0.92	0.05	0.50
CDL15_Pgr007519	0.68	0	0.21
CDL15_Pgr007552	26.55	19.63	21.41
CDL15_Pgr007560	10959	0.07	0.70
CDL15_Pgr007573	24.42	14.41	21.30
CDL15_Pgr007623	55.10	20.69	29.73
CDL15_Pgr007624	212.14	62.28	163.81
CDL15_Pgr007628	0.21	0.04	0.16
CDL15_Pgr007632	66.23	64.24	64.74
CDL15_Pgr007636	0.18	0.05	0.12
CDL15_Pgr007655	35.34	17.35	27.88
CDL15_Pgr007766	0.98	0.06	0.42
CDL15_Pgr007774	305.21	202.91	228.45
CDL15_Pgr007780	15.85	24108	44201
CDL15_Pgr007791	26.85	18933	21.27
CDL15_Pgr007818	22221	44263	27273
CDL15_Pgr007851	0.14	0	0.08
CDL15_Pgr007872	15646	19450	44263
CDL15_Pgr007877	65.20	14.96	30.28
CDL15_Pgr007892	156.37	75.68	129.38

CDL15_Pgr007898	21551	0	0.93
CDL15_Pgr007910	155.30	48.01	77.10
CDL15_Pgr007916	208.91	13.37	121.65
CDL15_Pgr008017	43952	0.84	36161
CDL15_Pgr008030	76.77	65.34	72.84
CDL15_Pgr008055	44317	0.66	0.86
CDL15_Pgr008138	24473	0.05	0.59
CDL15_Pgr008142	66.15	29.60	40.83
CDL15_Pgr008227	0.54	0	0.32
CDL15_Pgr008232	0.26	0.15	0.19
CDL15_Pgr008255	82.93	59.95	69.81
CDL15_Pgr008362	21702	42036	33664
CDL15_Pgr008415	19664	18415	10.00
CDL15_Pgr008421	40.36	19.88	31.66
CDL15_Pgr008460	0.77	0	0.19
CDL15_Pgr008464	31444	0.91	26299
CDL15_Pgr008486	141.67	74.17	113.90
CDL15_Pgr008500	24869	0.65	30317
CDL15_Pgr008507	92.32	64.36	71.89
CDL15_Pgr008569	108.79	25.76	63.19
CDL15_Pgr008597	90.56	89.00	89.62
CDL15_Pgr008726	24108	44409	15707
CDL15_Pgr008727	3003.72	2363.48	2623.59
CDL15_Pgr008741	71.86	22.39	49.91
CDL15_Pgr008750	0.22	0	0.08
CDL15_Pgr008784	44406	17.98	22.62
CDL15_Pgr008825	23802	27760	21947
CDL15_Pgr008844	44319	0.09	44927
CDL15_Pgr008891	0.56	0	0.27
CDL15_Pgr008918	0.94	0.23	0.41
CDL15_Pgr008938	44413	21186	21217
CDL15_Pgr008948	116.34	60.54	92.31
CDL15_Pgr008949	0.37	0	0.18
CDL15_Pgr008952	22.15	16.99	19.56
CDL15_Pgr008956	167.02	41.24	80.82

CDL15_Pgr008958	15.63	28764	13.63
CDL15_Pgr008985	26999	45536	41548
CDL15_Pgr008996	98.26	20.57	69.30
CDL15_Pgr009020	44478	23559	17015
CDL15_Pgr009035	39.82	0.59	15250
CDL15_Pgr009061	44446	21641	46874
CDL15_Pgr009083	32.84	27.18	30.96
CDL15_Pgr009288	90.02	30560	30.29
CDL15_Pgr009328	60.00	34.14	44.51
CDL15_Pgr009361	0.29	0	0.19
CDL15_Pgr009549	70.42	60.70	63.48
CDL15_Pgr009567	18.18	22160	44543
CDL15_Pgr009587	38.92	35.17	36.77
CDL15_Pgr009621	44228	0	0.49
CDL15_Pgr009632	12175	19025	13210
CDL15_Pgr009640	44206	0.75	23102
CDL15_Pgr009650	18629	0	0.53
CDL15_Pgr009656	40.78	44313	32.28
CDL15_Pgr009662	0.65	0.11	0.46
CDL15_Pgr009665	49.18	39.97	43.89
CDL15_Pgr009739	37.10	28.49	30.74
CDL15_Pgr009758	169.10	105.75	133.14
CDL15_Pgr009759	44226	41487	21.64
CDL15_Pgr009761	0.65	0.38	0.54
CDL15_Pgr009778	44534	44533	23802
CDL15_Pgr009792	29.31	17.65	24.92
CDL15_Pgr009809	28157	0	44256
CDL15_Pgr009811	19025	17168	44379
CDL15_Pgr009827	0.42	0.19	0.34
CDL15_Pgr009832	656.79	61.55	329.54
CDL15_Pgr009842	229.21	163.28	189.23
CDL15_Pgr009864	36.36	20.45	25.88
CDL15_Pgr009890	165.51	131.87	145.81
CDL15_Pgr009910	0.22	0	0.11
CDL15_Pgr009914	82.48	44.95	66.14

CDL15_Pgr009956	14.77	44299	14.19
CDL15_Pgr009981	25934	0.37	44287
CDL15_Pgr010049	144.13	120.57	128.60
CDL15_Pgr010177	0.28	0.03	0.18
CDL15_Pgr010228	46.23	38.47	40.84
CDL15_Pgr010298	83.86	18.56	38.21
CDL15_Pgr010313	16011	0.99	18688
CDL15_Pgr010314	0.44	0	0.17
CDL15_Pgr010317	132.69	32.18	82.26
CDL15_Pgr010346	0.47	0	0.31
CDL15_Pgr010354	16103	0	44562
CDL15_Pgr010396	35096	0.60	25204
CDL15_Pgr010418	0.25	0	0.14
CDL15_Pgr010423	63.16	22798	36.05
CDL15_Pgr010427	28.81	13.95	19.61
CDL15_Pgr010430	95.63	64.03	85.60
CDL15_Pgr010433	93.90	32.89	50.36
CDL15_Pgr010450	0.65	0.14	0.32
CDL15_Pgr010490	26877	0.66	29707
CDL15_Pgr010509	0.90	0.34	0.57
CDL15_Pgr010594	0.26	0	0.17
CDL15_Pgr010600	21002	35186	33025
CDL15_Pgr010612	41852	44380	23468
CDL15_Pgr010696	127.79	111.95	120.73
CDL15_Pgr010732	26420	43497	46447
CDL15_Pgr010802	0.85	0.18	0.48
CDL15_Pgr010836	253.67	198.69	222.85
CDL15_Pgr010843	121.44	71.52	91.56
CDL15_Pgr010852	13394	0.39	47178
CDL15_Pgr010896	20.88	13.45	18.22
CDL15_Pgr010906	27760	0	0.44
CDL15_Pgr010917	14397	15036	13971
CDL15_Pgr010933	0.22	0.10	0.18
CDL15_Pgr010934	14642	0.41	44470
CDL15_Pgr010956	0.60	0	0.22

CDL15_Pgr010969	24746	25263	44233
CDL15_Pgr010980	115.79	67.42	99.06
CDL15_Pgr010983	44254	14.48	22.69
CDL15_Pgr011042	14611	0.80	44531
CDL15_Pgr011075	44317	0	0.43
CDL15_Pgr011082	44504	17199	44256
CDL15_Pgr011096	0.95	0.44	0.58
CDL15_Pgr011103	32.74	14.95	26.57
CDL15_Pgr011106	125.79	41.74	71.72
CDL15_Pgr011107	28.80	23.55	24.89
CDL15_Pgr011130	44531	0.09	0.37
CDL15_Pgr011143	0.39	0	0.13
CDL15_Pgr011181	193.28	37.96	90.38
CDL15_Pgr011209	70.31	44516	37.43
CDL15_Pgr011299	0.65	0.05	0.31
CDL15_Pgr011304	72.06	31503	44.13
CDL15_Pgr011307	14458	44958	24624
CDL15_Pgr011348	1069.83	721.91	807.20
CDL15_Pgr011363	0.38	0.19	0.26
CDL15_Pgr011382	23012	0.48	44256
CDL15_Pgr011403	59.89	46.39	52.67
CDL15_Pgr011411	0.62	0.13	0.33
CDL15_Pgr011438	122.61	111.83	116.49
CDL15_Pgr011458	30.75	20.69	26.56
CDL15_Pgr011515	63.66	34.95	44.25
CDL15_Pgr011607	11689	0	0.76
CDL15_Pgr011830	15.50	44267	13.32
CDL15_Pgr011842	0.92	0.13	0.45
CDL15_Pgr011863	14246	0	0.68
CDL15_Pgr011880	28.76	44835	16.40
CDL15_Pgr011972	0.25	0.10	0.19
CDL15_Pgr011978	83.04	69.73	76.74
CDL15_Pgr011988	111.11	97.44	105.72
CDL15_Pgr012053	136.40	40.90	69.26
CDL15_Pgr012081	28034	35947	17411

CDL15_Pgr012116	167.36	123.91	135.50
CDL15_Pgr012127	44501	0.05	0.45
CDL15_Pgr012131	0.24	0	0.08
CDL15_Pgr012166	11871	35186	30468
CDL15_Pgr012174	359.50	212.41	253.06
CDL15_Pgr012231	22494	33270	23163
CDL15_Pgr012234	29.84	44480	44490
CDL15_Pgr012235	31138	0.46	19360
CDL15_Pgr012250	0.22	0	0.11
CDL15_Pgr012461	0.42	0.03	0.16
CDL15_Pgr012553	29.81	28.47	44315
CDL15_Pgr012565	0.79	0	0.26
CDL15_Pgr012679	0.39	0	0.26
CDL15_Pgr012786	30317	0	0.73
CDL15_Pgr012821	22.41	14.28	44306
CDL15_Pgr012958	22.27	14.69	44272
CDL15_Pgr012959	0.38	0	0.16
CDL15_Pgr013009	0.35	0	0.17
CDL15_Pgr013038	0.43	0	0.22
CDL15_Pgr013104	213.18	142.24	160.64
CDL15_Pgr013115	33298	0	45323
CDL15_Pgr013116	33.02	18.76	25.92
CDL15_Pgr013149	84.96	30.62	61.13
CDL15_Pgr013191	42736	0.26	0.89
CDL15_Pgr013277	15.71	30834	23255
CDL15_Pgr013292	32.27	28.57	29.90
CDL15_Pgr013309	959.19	561.27	740.17
CDL15_Pgr013398	0.16	0	0.08
CDL15_Pgr013437	44232	42005	19756
CDL15_Pgr013453	91.58	81.95	88.61
CDL15_Pgr013470	42.20	27.47	36.15
CDL15_Pgr013500	30.63	44518	20.97
CDL15_Pgr013571	16193	44231	33329
CDL15_Pgr013601	0.31	0.04	0.11
CDL15_Pgr013632	32.28	44430	25.73

CDL15_Pgr013722	0.90	0.24	0.63
CDL15_Pgr013781	84.45	13.97	30.87
CDL15_Pgr013784	113.04	29.61	63.88
CDL15_Pgr013789	16.36	35309	28095
CDL15_Pgr013817	44443	16103	35096
CDL15_Pgr013884	45323	0.37	12420
CDL15_Pgr013888	25235	44470	23743
CDL15_Pgr013906	45658	0.42	0.77
CDL15_Pgr013943	43132	0.52	44470
CDL15_Pgr014009	134.82	41.02	81.41
CDL15_Pgr014027	0.33	0	0.16
CDL15_Pgr014048	0.32	0	0.23
CDL15_Pgr014065	0.41	0	0.15
CDL15_Pgr014068	67.10	55.90	62.87
CDL15_Pgr014073	0.42	0	0.28
CDL15_Pgr014077	20.53	29526	17.26
CDL15_Pgr014173	45352	21916	18295
CDL15_Pgr014178	114.27	13.96	39.68
CDL15_Pgr014180	11871	13181	24898
CDL15_Pgr014224	21367	22678	34394
CDL15_Pgr014230	16711	46113	27607
CDL15_Pgr014249	249.49	219.29	236.99
CDL15_Pgr014257	17227	0.56	11720
CDL15_Pgr014299	29312	44256	30742
CDL15_Pgr014302	12359	35612	44387
CDL15_Pgr014321	0.49	0	0.11
CDL15_Pgr014352	29587	11689	22647
CDL15_Pgr014373	0.80	0.05	0.26
CDL15_Pgr014387	95.35	70.69	77.05
CDL15_Pgr014466	38.37	37.07	37.45
CDL15_Pgr014482	599.90	340.56	508.21
CDL15_Pgr014493	22341	0.32	17564
CDL15_Pgr014525	28946	23743	28185
CDL15_Pgr014534	35.84	18.73	24.19
CDL15_Pgr014572	13.15	29738	28703

CDL15_Pgr014588	36434	0.57	24593
CDL15_Pgr014632	38.52	26.94	31.24
CDL15_Pgr014640	21520	22828	44511
CDL15_Pgr014644	25.42	44217	23.22
CDL15_Pgr014768	52.25	32.56	42.27
CDL15_Pgr014783	76.29	22828	24.63
CDL15_Pgr014828	0.52	0	0.17
CDL15_Pgr014840	13850	41579	16742
CDL15_Pgr014890	66.49	49.87	57.81
CDL15_Pgr014929	0.84	0.05	0.43
CDL15_Pgr014935	32905	0.08	0.73
CDL15_Pgr014950	25355	13606	46874
CDL15_Pgr014970	44.51	23.72	31.90
CDL15_Pgr015103	18629	0.76	0.93
CDL15_Pgr015143	17930	20090	43862
CDL15_Pgr015157	0.65	0	0.42
CDL15_Pgr015161	44470	0	0.43
CDL15_Pgr015200	0.71	0.22	0.56
CDL15_Pgr015203	250.53	197.00	217.13
CDL15_Pgr015268	0.70	0.11	0.28
CDL15_Pgr015277	30.51	26451	13.98
CDL15_Pgr015284	0.36	0	0.14
CDL15_Pgr015313	0.95	0.23	0.68
CDL15_Pgr015351	69.47	13.60	47.62
CDL15_Pgr015358	12114	27030	15373
CDL15_Pgr015392	45748	0	14611
CDL15_Pgr015406	1856.74	1373.76	1611.52
CDL15_Pgr015474	17533	0.79	44470
CDL15_Pgr015499	0.11	0	0.06
CDL15_Pgr015506	97.80	70.36	84.57
CDL15_Pgr015523	26.42	22433	20.19
CDL15_Pgr015546	42186	31107	24228
CDL15_Pgr015596	65.08	27.72	41.42
CDL15_Pgr015631	13.75	19756	43983
CDL15_Pgr015744	73.51	33.60	46.58

CDL15_Pgr015767	23377	0	0.58
CDL15_Pgr015782	23.75	33878	14.35
CDL15_Pgr015801	19784	20455	18295
CDL15_Pgr015846	48.09	32.80	39.39
CDL15_Pgr015884	45870	24108	35855
CDL15_Pgr015913	44203	35855	31138
CDL15_Pgr016039	44232	44231	26390
CDL15_Pgr016044	43.73	24.97	31.91
CDL15_Pgr016047	107.47	60.13	92.35
CDL15_Pgr016049	28491	0.34	0.71
CDL15_Pgr016069	25934	0.14	0.61
CDL15_Pgr016098	0.91	0.56	0.69
CDL15_Pgr016107	35796	0.47	0.85
CDL15_Pgr016109	0.71	0.21	0.56
CDL15_Pgr016133	68.87	19.69	30.69
CDL15_Pgr016143	37.24	30.18	33.78
CDL15_Pgr016166	115.09	87.41	96.29
CDL15_Pgr016175	44866	44537	44440
CDL15_Pgr016206	20.74	41518	45261
CDL15_Pgr016268	0.59	0	0.24
CDL15_Pgr016307	27089	0.68	16072
CDL15_Pgr016340	0.42	0.24	0.31
CDL15_Pgr016387	146.31	95.08	106.95
CDL15_Pgr016406	94.75	46.46	75.84
CDL15_Pgr016433	21.59	20029	15.71
CDL15_Pgr016557	24.25	20.21	22.98
CDL15_Pgr016587	44415	29618	46874
CDL15_Pgr016599	46.31	44454	26.65
CDL15_Pgr016609	0.26	0	0.17
CDL15_Pgr016639	13.99	32905	42583
CDL15_Pgr016700	947.30	193.73	592.08
CDL15_Pgr016703	0.94	0	0.46
CDL15_Pgr016804	25.84	13667	14.92
CDL15_Pgr016826	13424	44713	21732
CDL15_Pgr016849	17.45	44410	19541

CDL15_Pgr016851	0.24	0	0.08
CDL15_Pgr016898	30042	25934	12114
CDL15_Pgr016900	0.21	0	0.10
CDL15_Pgr016909	0.59	0.20	0.39
CDL15_Pgr016911	0.57	0.08	0.32
CDL15_Pgr017032	397.64	133.70	239.89
CDL15_Pgr017034	102.83	20.31	39.70
CDL15_Pgr017043	0.23	0	0.11
CDL15_Pgr017070	23833	0	44501
CDL15_Pgr017113	0.44	0.28	0.33
CDL15_Pgr017115	0.80	0.57	0.67
CDL15_Pgr017133	41.18	23.90	31.31
CDL15_Pgr017137	0.38	0.25	0.32
CDL15_Pgr017145	92.01	23.42	40.08
CDL15_Pgr017159	0.12	0	0.04
CDL15_Pgr017165	0.15	0	0.10
CDL15_Pgr017171	168.93	59.96	89.48
CDL15_Pgr017261	30.78	44250	27.46
CDL15_Pgr017301	0.18	0.04	0.09
CDL15_Pgr017311	19176	34425	44414
CDL15_Pgr017313	45.27	28.54	32.41
CDL15_Pgr017338	12420	0.85	41640
CDL15_Pgr017355	31199	30042	6.00
CDL15_Pgr017373	27.51	44222	26.42
CDL15_Pgr017530	37.24	23.94	29.61
CDL15_Pgr017531	31138	0.64	17199
CDL15_Pgr017557	17838	44348	20576
CDL15_Pgr017617	21551	0	0.57
CDL15_Pgr017753	178.14	40.72	92.84
CDL15_Pgr017768	20729	44471	44682
CDL15_Pgr017785	147.17	68.11	110.24
CDL15_Pgr017831	25.85	17.93	44460
CDL15_Pgr017886	26024	0.71	17199
CDL15_Pgr017940	44320	0.65	23012
CDL15_Pgr017971	0.49	0	0.34

CDL15_Pgr017975	14.79	22221	13.16
CDL15_Pgr017980	28338	44257	32964
CDL15_Pgr017982	78.49	71.78	74.84
CDL15_Pgr018039	44317	0.21	0.58
CDL15_Pgr018050	169.26	39.62	80.41
CDL15_Pgr018061	25.70	20.15	21.71
CDL15_Pgr018081	78.70	53.41	65.53
CDL15_Pgr018085	181.56	151.06	173.05
CDL15_Pgr018118	37.18	31.28	33.89
CDL15_Pgr018137	88.46	32.89	53.84
CDL15_Pgr018189	44319	44378	28126
CDL15_Pgr018202	32690	0.88	22341
CDL15_Pgr018255	15.99	34608	44330
CDL15_Pgr018296	22.82	18.35	20.92
CDL15_Pgr018360	20852	18994	46419
CDL15_Pgr018401	54.04	24.21	34.83
CDL15_Pgr018449	60.65	42.31	53.72
CDL15_Pgr018478	44349	0.97	20090
CDL15_Pgr018486	226.24	87.17	184.14
CDL15_Pgr018533	765.88	299.97	599.08
CDL15_Pgr018538	44221	33939	21.41
CDL15_Pgr018625	0.46	0.32	0.39
CDL15_Pgr018637	10959	0	0.64
CDL15_Pgr018660	0.76	0	0.20
CDL15_Pgr018706	30.40	44274	24.71
CDL15_Pgr018940	0.80	0.06	0.40
CDL15_Pgr019001	34029	46023	44288
CDL15_Pgr019062	44409	0.23	0.81
CDL15_Pgr019071	306.96	257.84	285.25
CDL15_Pgr019115	17.24	16103	32721
CDL15_Pgr019139	44562	0.31	0.83
CDL15_Pgr019141	13.22	44446	28369
CDL15_Pgr019196	0.15	0	0.04
CDL15_Pgr019310	0.85	0.10	0.62
CDL15_Pgr019375	0.13	0	0.07

CDL15_Pgr019423	13728	27515	44446
CDL15_Pgr019424	48.58	44295	28.83
CDL15_Pgr019425	52.20	13.98	25.49
CDL15_Pgr019442	24504	0	31048
CDL15_Pgr019494	0.94	0	0.55
CDL15_Pgr019533	0.86	0.38	0.51
CDL15_Pgr019554	27485	33970	13940
CDL15_Pgr019642	40.79	26.80	31.79
CDL15_Pgr019660	44331	33695	44238
CDL15_Pgr019784	0.23	0	0.06
CDL15_Pgr019785	18.83	16041	14.60
CDL15_Pgr019786	0.47	0	0.31
CDL15_Pgr019811	611.17	387.01	542.05
CDL15_Pgr019886	22859	16923	34851
CDL15_Pgr019911	45047	41640	36220
CDL15_Pgr019925	25263	25569	47150
CDL15_Pgr019933	44411	0.57	43497
CDL15_Pgr019939	0.23	0	0.15
CDL15_Pgr020025	0.37	0	0.11
CDL15_Pgr020042	25812	0	15067
CDL15_Pgr020048	44498	34060	43405
CDL15_Pgr020060	44.06	44255	36.09
CDL15_Pgr020074	31809	32143	11720
CDL15_Pgr020108	148.88	95.67	134.03
CDL15_Pgr020113	0.19	0	0.09
CDL15_Pgr020154	0.80	0.70	0.73
CDL15_Pgr020168	41.04	31.33	34.33
CDL15_Pgr020178	31107	0.49	23774
CDL15_Pgr020179	23408	0.17	25569
CDL15_Pgr020181	31229	44318	28611
CDL15_Pgr020203	44335	46997	44331
CDL15_Pgr020239	29587	0	0.42
CDL15_Pgr020256	44350	46753	25204
CDL15_Pgr020280	22037	46082	16893
CDL15_Pgr020328	14642	0.45	19725

CDL15_Pgr020330	230.86	151.17	204.33
CDL15_Pgr020336	17046	35916	28672
CDL15_Pgr020352	91.22	78.17	83.06
CDL15_Pgr020366	126.75	49.81	77.66
CDL15_Pgr020368	62.40	48.72	54.15
CDL15_Pgr020386	25.96	8.00	44481
CDL15_Pgr020387	13.17	15950	22586
CDL15_Pgr020504	43101	0.23	0.87
CDL15_Pgr020506	28915	42064	22341
CDL15_Pgr020508	27.22	14.32	18.36
CDL15_Pgr020509	61.99	36.77	48.52
CDL15_Pgr020562	29.57	46661	15.20
CDL15_Pgr020564	44357	45323	46204
CDL15_Pgr020587	0.81	0.20	0.61
CDL15_Pgr020595	15432	46054	25263
CDL15_Pgr020597	44349	0.55	1.00
CDL15_Pgr020672	80.73	49.96	58.97
CDL15_Pgr020719	28.87	44330	20.52
CDL15_Pgr020901	44287	0	0.34
CDL15_Pgr020928	0.74	0.40	0.50
CDL15_Pgr020942	28581	15342	21976
CDL15_Pgr020976	40.75	29738	21.33
CDL15_Pgr021017	14246	0	0.62
CDL15_Pgr021036	0.35	0	0.14
CDL15_Pgr021125	28004	30437	16650
CDL15_Pgr021130	3172.28	1992.62	2758.00
CDL15_Pgr021140	31778	0.36	44927
CDL15_Pgr021144	0.72	0.04	0.37
CDL15_Pgr021179	23377	13881	20090
CDL15_Pgr021262	16316	32905	24198
CDL15_Pgr021276	44562	0.70	0.89
CDL15_Pgr021297	16132	45323	44350
CDL15_Pgr021315	0.34	0	0.08
CDL15_Pgr021326	0.45	0	0.22
CDL15_Pgr021359	38.69	44462	33.65

CDL15_Pgr021368	234.25	225.71	229.21
CDL15_Pgr021382	18.32	35339	44422
CDL15_Pgr021392	0.25	0	0.06
CDL15_Pgr021431	53.73	43.99	47.32
CDL15_Pgr021511	503.87	410.58	442.35
CDL15_Pgr021633	11689	0.34	0.63
CDL15_Pgr021654	148.64	112.42	134.70
CDL15_Pgr021669	56.88	34.59	47.58
CDL15_Pgr021677	35.12	28.75	32.01
CDL15_Pgr021696	47178	44228	33239
CDL15_Pgr021753	16.16	15189	13.26
CDL15_Pgr021759	30498	21976	19146
CDL15_Pgr021773	0.38	0	0.15
CDL15_Pgr021779	329.47	91.93	153.54
CDL15_Pgr021808	139.81	113.36	131.50
CDL15_Pgr021817	16803	0.20	0.88
CDL15_Pgr021838	186.03	165.69	175.36
CDL15_Pgr022002	60.52	53.11	55.08
CDL15_Pgr022037	0.26	0	0.11
CDL15_Pgr022064	0.26	0.06	0.13
CDL15_Pgr022150	433.23	172.21	233.95
CDL15_Pgr022277	44542	0	22767
CDL15_Pgr022280	0.14	0	0.10
CDL15_Pgr022341	0.65	0	0.21
CDL15_Pgr022414	0.48	0	0.19
CDL15_Pgr022453	49.35	26.43	38.66
CDL15_Pgr022502	13.63	16772	34669
CDL15_Pgr022544	0.64	0.04	0.35
CDL15_Pgr022594	98.70	63.82	79.81
CDL15_Pgr022624	420.76	304.97	380.30
CDL15_Pgr022882	56.21	44.61	50.99
CDL15_Pgr022884	1.00	0.67	0.77
CDL15_Pgr022900	21.52	28887	14.40
CDL15_Pgr022901	162.86	91.42	107.80
CDL15_Pgr022903	11324	0.35	0.87

CDL15_Pgr022914	30.37	21.87	23.84
CDL15_Pgr022921	0.92	0.24	0.64
CDL15_Pgr022947	395.25	305.74	368.35
CDL15_Pgr022964	107.66	69.62	90.19
CDL15_Pgr023009	22.19	35004	18.79
CDL15_Pgr023026	20180	0.09	35431
CDL15_Pgr023051	261.05	110.28	147.91
CDL15_Pgr023079	17.16	23682	44209
CDL15_Pgr023092	35.02	28.73	30.53
CDL15_Pgr023099	142.22	111.64	119.21
CDL15_Pgr023173	31413	0.62	44409
CDL15_Pgr023216	66.09	37.19	57.89
CDL15_Pgr023217	0.66	0.38	0.52
CDL15_Pgr023229	35490	24108	35096
CDL15_Pgr023333	0.66	0.42	0.51
CDL15_Pgr023335	43800	43983	10.00
CDL15_Pgr023361	30317	0.68	44256
CDL15_Pgr023401	31079	0.51	44287
CDL15_Pgr023407	20.33	43313	24777
CDL15_Pgr023408	0.23	0	0.08
CDL15_Pgr023471	0.56	0.10	0.24
CDL15_Pgr023473	12816	44409	16803
CDL15_Pgr023477	22372	44379	33635
CDL15_Pgr023541	55.92	48.40	53.23
CDL15_Pgr023613	45.97	18.59	31.26
CDL15_Pgr023678	28.27	22.43	26.57
CDL15_Pgr023723	43770	42370	30773
CDL15_Pgr023741	44261	15342	13606
CDL15_Pgr023775	33.24	32.21	32.70
CDL15_Pgr023949	35065	0.12	0.64
CDL15_Pgr024017	0.25	0	0.18
CDL15_Pgr024051	893.95	278.32	493.20
CDL15_Pgr024108	131.36	44265	44.44
CDL15_Pgr024128	24.58	24563	13.83
CDL15_Pgr024139	90.64	30.69	50.48

CDL15_Pgr024148	21429	18810	29068
CDL15_Pgr024151	20363	11720	25689
CDL15_Pgr024158	32.60	20.25	26.56
CDL15_Pgr024198	0.74	0.26	0.50
CDL15_Pgr024225	30.46	44450	16.90
CDL15_Pgr024226	19603	36281	44378
CDL15_Pgr024230	57.22	52.68	54.45
CDL15_Pgr024284	30.84	18.16	22.40
CDL15_Pgr024322	111.42	97.29	103.26
CDL15_Pgr024347	234.29	211.06	224.46
CDL15_Pgr024350	19329	35674	36434
CDL15_Pgr024356	34700	0.35	0.79
CDL15_Pgr024385	53.61	34.01	43.34
CDL15_Pgr024404	43435	44261	21732
CDL15_Pgr024411	44197	0.53	0.80
CDL15_Pgr024436	166.74	53.87	112.01
CDL15_Pgr024439	41.93	35.14	37.83
CDL15_Pgr024441	27061	0.73	41306
CDL15_Pgr024464	0.66	0.14	0.28
CDL15_Pgr024500	32599	0.55	41306
CDL15_Pgr024535	0.16	0	0.08
CDL15_Pgr024537	0.45	0.28	0.37
CDL15_Pgr024545	0.29	0	0.14
CDL15_Pgr024609	30713	0.26	17168
CDL15_Pgr024687	50.70	37.61	43.00
CDL15_Pgr024692	0.89	0.16	0.35
CDL15_Pgr024715	0.84	0.18	0.36
CDL15_Pgr024773	20.89	18.14	19.32
CDL15_Pgr024780	79.10	30.57	43.66
CDL15_Pgr024803	0.27	0	0.07
CDL15_Pgr024873	44442	0.91	34335
CDL15_Pgr024874	44986	28126	44502
CDL15_Pgr024890	35462	0.29	44531
CDL15_Pgr024948	370.64	144.92	217.82
CDL15_Pgr024969	36251	0.10	35462

CDL15_Pgr024976	26999	19511	46631
CDL15_Pgr024981	44531	0.22	0.46
CDL15_Pgr024982	116.85	52.29	68.73
CDL15_Pgr024984	31199	12420	31107
CDL15_Pgr025045	29068	16558	25020
CDL15_Pgr025061	71.11	44.11	61.72
CDL15_Pgr025119	31.65	20.64	25.88
CDL15_Pgr025124	1.00	0.17	0.55
CDL15_Pgr025135	92.23	18.70	38.47
CDL15_Pgr025153	618.14	415.37	508.81
CDL15_Pgr025157	14.21	13516	25385
CDL15_Pgr025161	43525	0.46	20821
CDL15_Pgr025192	0.37	0	0.18
CDL15_Pgr025243	30.35	15.85	25.91
CDL15_Pgr025260	122.32	87.39	105.37
CDL15_Pgr025261	13.21	44447	15281
CDL15_Pgr025263	26573	0	27426
CDL15_Pgr025273	218.79	142.44	179.44
CDL15_Pgr025274	17199	0.46	29587
CDL15_Pgr025289	68.83	51.08	55.99
CDL15_Pgr025300	14.27	23102	44326
CDL15_Pgr025307	42401	0.73	11689
CDL15_Pgr025317	456.37	338.79	401.36
CDL15_Pgr025330	14.50	34425	44044
CDL15_Pgr025343	22.77	15.71	19.43
CDL15_Pgr025351	28157	10959	27395
CDL15_Pgr025362	44320	0.73	30317
CDL15_Pgr025377	58.32	34.74	43.72
CDL15_Pgr025391	602.45	340.98	431.63
CDL15_Pgr025408	46.93	14.80	28.63
CDL15_Pgr025427	28.31	19.00	23.16
CDL15_Pgr025439	0.45	0.05	0.16
CDL15_Pgr025511	461.56	211.07	292.88
CDL15_Pgr025553	44383	0.83	44379
CDL15_Pgr025571	539.75	365.64	468.41

CDL15_Pgr025579	20.75	15462	16772
CDL15_Pgr025584	19.74	14.53	44425
CDL15_Pgr025585	18629	0	0.35
CDL15_Pgr025605	0.99	0.14	0.34
CDL15_Pgr025629	34425	24838	12114
CDL15_Pgr025695	83.45	43.73	53.56
CDL15_Pgr025700	46143	24167	17989
CDL15_Pgr025710	25416	11689	28185
CDL15_Pgr025753	60.38	22.64	39.36
CDL15_Pgr025774	17168	0	0.62
CDL15_Pgr025840	28856	0.37	12420
CDL15_Pgr025846	58.07	27.66	42.91
CDL15_Pgr025847	0.25	0	0.06
CDL15_Pgr025852	18.94	19146	19664
CDL15_Pgr025901	47.89	27.67	34.21
CDL15_Pgr026016	23.41	12785	18050
CDL15_Pgr026056	187.54	23.82	69.81
CDL15_Pgr026058	51.68	25.70	32.55
CDL15_Pgr026069	29.42	24.33	27.97
CDL15_Pgr026116	96.14	59.24	85.97
CDL15_Pgr026197	45.17	44404	39.63
CDL15_Pgr026199	0.53	0	0.35
CDL15_Pgr026281	43525	0.18	43101
CDL15_Pgr026391	44442	0.51	44197
CDL15_Pgr026412	384.64	197.43	290.00
CDL15_Pgr026496	35.45	26.93	30.80
CDL15_Pgr026504	0.90	0.14	0.59
CDL15_Pgr026511	18264	0	0.49
CDL15_Pgr026520	33.80	19.40	28.54
CDL15_Pgr026599	158.09	47.34	72.44
CDL15_Pgr026603	13.97	29556	13.16
CDL15_Pgr026626	23863	23743	12114
CDL15_Pgr026630	211.26	143.71	178.82
CDL15_Pgr026640	44521	14.73	18.79
CDL15_Pgr026660	26.84	17.23	23.17

CDL15_Pgr026666	165.60	114.66	126.51
CDL15_Pgr026671	84.65	67.22	76.16
CDL15_Pgr026736	77.01	61.23	69.45
CDL15_Pgr026747	25569	0	0.42
CDL15_Pgr026792	35096	19725	32143
CDL15_Pgr026840	46.65	16.83	32.36
CDL15_Pgr026861	147.37	109.24	132.48
CDL15_Pgr026866	0.31	0	0.15
CDL15_Pgr026907	370.91	28.20	249.29
CDL15_Pgr026948	30.88	12816	35370
CDL15_Pgr026953	32509	0.44	0.84
CDL15_Pgr026961	17654	46813	28915
CDL15_Pgr026991	39.30	27.95	33.60
CDL15_Pgr027217	55.24	43.61	50.57
CDL15_Pgr027222	20149	46784	44258
CDL15_Pgr027383	333.72	259.43	302.88
CDL15_Pgr027421	42948	44256	20576
CDL15_Pgr027471	0.64	0.10	0.37
CDL15_Pgr027498	40.11	37.70	38.90
CDL15_Pgr027500	18476	12785	44621
CDL15_Pgr027505	14824	25600	12145
CDL15_Pgr027515	0.57	0	0.22
CDL15_Pgr027545	174.09	120.83	144.24
CDL15_Pgr027598	318.80	237.59	291.75
CDL15_Pgr027619	0.30	0	0.21
CDL15_Pgr027683	12298	26085	11871
CDL15_Pgr027713	312.24	165.38	210.30
CDL15_Pgr027716	43160	0.91	15373
CDL15_Pgr027767	23833	0.98	12086
CDL15_Pgr027833	26420	0.76	24504
CDL15_Pgr027843	78.58	33359	42.74
CDL15_Pgr027861	35.16	33909	23.23
CDL15_Pgr027888	22.86	13.87	15.89
CDL15_Pgr027993	44479	33055	29068
CDL15_Pgr028009	14.85	33848	47088

CDL15_Pgr028010	305.18	40.79	118.30
CDL15_Pgr028011	13.17	13516	27515
CDL15_Pgr028034	0.12	0	0.06
CDL15_Pgr028078	45778	32143	21610
CDL15_Pgr028094	16346	41456	13759
CDL15_Pgr028110	934.65	631.91	778.20
CDL15_Pgr028164	43466	0	0.59
CDL15_Pgr028177	145.40	90.90	129.83
CDL15_Pgr028237	16.38	13.57	15.49
CDL15_Pgr028247	39.07	18.38	30.48
CDL15_Pgr028333	100.11	78.79	90.88
CDL15_Pgr028346	0.43	0	0.29
CDL15_Pgr028437	185.19	57.17	98.59
CDL15_Pgr028442	0.34	0	0.14
CDL15_Pgr028482	11689	0	0.44
CDL15_Pgr028509	20.37	44383	13.47
CDL15_Pgr028531	37.57	26.51	29.55
CDL15_Pgr028538	107.89	69.81	93.48
CDL15_Pgr028539	0.90	0.46	0.64
CDL15_Pgr028647	55.25	45.97	50.80
CDL15_Pgr028654	121.50	54.97	91.28
CDL15_Pgr028776	0.75	0	0.28
CDL15_Pgr028786	16.71	20059	13.59
CDL15_Pgr028787	50.12	33.44	39.10
CDL15_Pgr028792	94.57	52.10	70.40
CDL15_Pgr028867	58.50	43.19	50.37
CDL15_Pgr028881	48.69	31.43	36.79
CDL15_Pgr028882	44418	34731	15128
CDL15_Pgr028910	26.31	44206	16.87
CDL15_Pgr028916	313.45	62.28	188.81
CDL15_Pgr028961	45870	0.49	11355
CDL15_Pgr028980	160.79	44.92	98.68
CDL15_Pgr028995	139.42	100.79	115.19
CDL15_Pgr029004	14.26	19633	30621
CDL15_Pgr029048	29677	46813	12145

CDL15_Pgr029064	0.66	0	0.26
CDL15_Pgr029074	21459	23802	46508
CDL15_Pgr029137	44378	0	0.52
CDL15_Pgr029148	27089	42736	18660
CDL15_Pgr029171	31.55	14.23	18.41
CDL15_Pgr029182	18445	0.80	17654
CDL15_Pgr000011	19725	0	18994
CDL15_Pgr000014	45658	0	16072
CDL15_Pgr000022	11324	0	28126
CDL15_Pgr000024	19.99	17.56	19.48
CDL15_Pgr000056	0.48	0	0.63
CDL15_Pgr000060	0.41	0	0.30
CDL15_Pgr000062	0.92	0.08	0.90
CDL15_Pgr000066	0.89	0	0.80
CDL15_Pgr000084	11324	0.85	15707
CDL15_Pgr000102	18660	33239	14642
CDL15_Pgr000105	71.56	17.87	61.81
CDL15_Pgr000181	41548	12571	22951
CDL15_Pgr000317	31.49	44477	39.33
CDL15_Pgr000360	34335	19360	32143
CDL15_Pgr000397	24.63	27668	22.63
CDL15_Pgr000398	102.94	68.72	100.90
CDL15_Pgr000400	34.81	24.51	32.89
CDL15_Pgr000423	42767	0.83	21217
CDL15_Pgr000468	0.37	0	0.45
CDL15_Pgr000529	0.82	0	0.96
CDL15_Pgr000536	16103	0.33	44229
CDL15_Pgr000547	0.95	0	0.82
CDL15_Pgr000558	116.60	109.49	115.28
CDL15_Pgr000589	11444	44199	14763
CDL15_Pgr000605	36.91	27.44	40.36
CDL15_Pgr000717	0.34	0	0.26
CDL15_Pgr000733	0.15	0	0.14
CDL15_Pgr000793	0.22	0.03	0.26
CDL15_Pgr000804	42430	22313	42430

CDL15_Pgr000828	24.83	18.84	23.28
CDL15_Pgr000943	52.93	32.22	63.11
CDL15_Pgr000977	0.50	0.18	0.43
CDL15_Pgr001064	22.25	44332	22.55
CDL15_Pgr001138	29.45	44324	37.87
CDL15_Pgr001145	44197	0.80	44348
CDL15_Pgr001150	149.57	105.49	154.50
CDL15_Pgr001196	44621	29221	3.00
CDL15_Pgr001216	29952	0.46	46054
CDL15_Pgr001218	18.26	33178	44459
CDL15_Pgr001242	45.95	33.00	47.40
CDL15_Pgr001263	44.10	36.46	42.18
CDL15_Pgr001323	14.81	12966	13.83
CDL15_Pgr001327	144.93	84.76	140.85
CDL15_Pgr001346	37.90	44221	43.37
CDL15_Pgr001388	308.15	263.82	329.49
CDL15_Pgr001405	17.84	14.68	17.89
CDL15_Pgr001504	16072	0.45	44927
CDL15_Pgr001565	16.52	20424	17.38
CDL15_Pgr001576	0.74	0	0.73
CDL15_Pgr001629	27515	21641	12206
CDL15_Pgr001673	41.36	25.27	37.66
CDL15_Pgr001714	44319	44287	35462
CDL15_Pgr001720	113.86	58.41	126.68
CDL15_Pgr001759	298.96	53.13	286.46
CDL15_Pgr001792	98.34	55.99	88.54
CDL15_Pgr001797	0.26	0	0.26
CDL15_Pgr001829	40.84	26.27	44.25
CDL15_Pgr001849	82.31	62.59	85.91
CDL15_Pgr001858	65.04	54.47	64.30
CDL15_Pgr001882	44364	14.55	17.40
CDL15_Pgr001912	23.76	15.87	44343
CDL15_Pgr001948	0.72	0.11	0.81
CDL15_Pgr001993	44295	14277	27668
CDL15_Pgr001999	29.17	44399	31.57

CDL15_Pgr002007	532.66	430.86	530.36
CDL15_Pgr002035	95.08	53.87	105.34
CDL15_Pgr002064	21702	44353	24624
CDL15_Pgr002086	43435	44258	44328
CDL15_Pgr002087	34.19	24.66	38.01

Gene ID	i_15_3	i_15_4	i_15_
CDL15_Pgr000093	17137	14.14	44517
CDL15_Pgr000096	33817	19998	14.69
CDL15_Pgr000106	47209	30042	33025
CDL15_Pgr000123	34973	19.00	26.46
CDL15_Pgr000160	15.71	16.39	18.91
CDL15_Pgr000252	17199	15766	16163
CDL15_Pgr000258	18507	30.45	49.52
CDL15_Pgr000271	24624	28460	20.55
CDL15_Pgr000277	17.20	21.37	27.76
CDL15_Pgr000286	0.16	0.24	0.49
CDL15_Pgr000293	0.02	0.56	44378
CDL15_Pgr000341	0.21	0.27	0.51
CDL15_Pgr000371	16.17	16.73	19.14
CDL15_Pgr000375	8.00	30195	26268
CDL15_Pgr000396	31.52	45.84	66.68
CDL15_Pgr000397	27120	13.65	46.56
CDL15_Pgr000410	22859	217.01	660.09
CDL15_Pgr000443	29618	14336	15858
CDL15_Pgr000447	37.22	56.09	104.88
CDL15_Pgr000483	17654	13.13	29.96
CDL15_Pgr000489	0.32	0.46	0.61
CDL15_Pgr000518	22.22	35.87	57.73
CDL15_Pgr000520	78.25	92.28	105.81
CDL15_Pgr000526	46235	47058	16.38
CDL15_Pgr000532	42248	13.15	19.86
CDL15_Pgr000558	84.37	98.55	122.21
CDL15_Pgr000565	42522	35.68	71.07
CDL15_Pgr000577	0.26	42736	15738
CDL15_Pgr000590	47.97	62.07	79.48
CDL15_Pgr000592	26785	31594	44480
CDL15_Pgr000612	19998	17.34	44286
CDL15_Pgr000617	18172	26938	44866
CDL15_Pgr000636	19756	43586	24777
CDL15_Pgr000650	0	0.59	13516
CDL15_Pgr000664	0	19725	44231
CDL15_Pgr000665	44535	36039	15.46
CDL15_Pgr000667	55.41	81.12	128.77
CDL15_Pgr000675	34881	26512	45962
CDL15_Pgr000685	52.85	108.71	164.08
CDL15_Pgr000686	615.34	1176.57	1700.83
CDL15_Pgr000693	0.18	0.21	0.29
CDL15_Pgr000695	35.28	42.32	54.70

CDL15_Pgr000700	23894	23955	22190
CDL15_Pgr000706	34820	11841	31929
CDL15_Pgr000708	44258	18.86	36.69
CDL15_Pgr000719	14336	25294	44260
CDL15_Pgr000743	44317	17168	44593
CDL15_Pgr000755	24.50	43.66	86.53
CDL15_Pgr000789	0.58	44378	14642
CDL15_Pgr000827	0.97	41275	20821
CDL15_Pgr000831	38.24	52.20	110.80
CDL15_Pgr000899	40.49	48.11	55.70
CDL15_Pgr000900	13.22	14.69	20.17
CDL15_Pgr000907	108.98	152.03	217.41
CDL15_Pgr000951	25.48	39.17	65.44
CDL15_Pgr000952	0	0.11	0.47
CDL15_Pgr000954	154.25	239.78	338.38
CDL15_Pgr000992	35704	17868	44269
CDL15_Pgr000997	28795	13.60	44273
CDL15_Pgr001001	0.03	0.14	0.38
CDL15_Pgr001042	15980	76.51	233.84
CDL15_Pgr001088	102.44	108.06	117.95
CDL15_Pgr001100	26.34	41.94	57.45
CDL15_Pgr001103	30.02	33.73	38.50
CDL15_Pgr001109	0	0.15	0.41
CDL15_Pgr001110	35827	22341	44382
CDL15_Pgr001112	0.80	15707	44379
CDL15_Pgr001145	0.25	0.50	0.77
CDL15_Pgr001152	44231	47239	30560
CDL15_Pgr001179	16.23	20.86	33.70
CDL15_Pgr001180	0.15	0.20	0.32
CDL15_Pgr001210	534.42	662.52	1027.83
CDL15_Pgr001239	18445	31594	21763
CDL15_Pgr001242	44433	47.45	73.88
CDL15_Pgr001262	0.06	0.53	0.97
CDL15_Pgr001286	63.45	77.75	120.19
CDL15_Pgr001300	0	0.23	0.54

CDL15_Pgr001308	44197	28856	18660
CDL15_Pgr001336	29.42	35.93	45.14
CDL15_Pgr001350	24685	25.53	60.94
CDL15_Pgr001379	44488	22.27	30.64
CDL15_Pgr001383	59.67	83.94	126.95
CDL15_Pgr001386	121.08	148.21	178.10
CDL15_Pgr001387	15401	24929	19572
CDL15_Pgr001388	248.70	297.83	416.09
CDL15_Pgr001398	47150	19784	13302
CDL15_Pgr001399	23774	43891	13241
CDL15_Pgr001415	0.44	0.89	22647
CDL15_Pgr001423	0	23743	15036
CDL15_Pgr001437	35.53	37.62	41.24
CDL15_Pgr001447	34.91	62.78	94.97
CDL15_Pgr001456	0.72	0.91	45658
CDL15_Pgr001473	44392	18.38	21.61
CDL15_Pgr001481	28.76	57.43	118.33
CDL15_Pgr001484	0.22	0.48	13881
CDL15_Pgr001486	44487	19.17	20.57
CDL15_Pgr001496	0.07	21551	32568
CDL15_Pgr001506	28.91	32.49	39.35
CDL15_Pgr001515	0	0.25	0.78
CDL15_Pgr001582	0.71	23012	12844
CDL15_Pgr001586	44464	27.22	34.83
CDL15_Pgr001594	14.20	15.60	18.65
CDL15_Pgr001607	41640	14246	35431
CDL15_Pgr001632	20699	14.81	44397
CDL15_Pgr001683	0.06	21916	35977
CDL15_Pgr001698	0	0.99	14732
CDL15_Pgr001700	28460	13.85	16.59
CDL15_Pgr001701	29.67	39.11	58.69
CDL15_Pgr001712	0.47	21002	15.34
CDL15_Pgr001725	45.57	58.06	82.57
CDL15_Pgr001742	33756	14916	15.76
CDL15_Pgr001747	21.13	22.00	23.36

CDL15_Pgr001754	41609	13.19	14.39
CDL15_Pgr001771	0	0.25	44256
CDL15_Pgr001792	40.14	69.08	114.20
CDL15_Pgr001805	11597	13.35	17.50
CDL15_Pgr001819	17.89	22.80	32.49
CDL15_Pgr001826	48.40	55.39	66.84
CDL15_Pgr001827	47150	41334	46143
CDL15_Pgr001844	15.56	21.19	28.73
CDL15_Pgr001850	14763	36008	35735
CDL15_Pgr001855	0.18	0.28	0.51
CDL15_Pgr001873	0.17	14977	33695
CDL15_Pgr001895	0.34	23377	29983
CDL15_Pgr001927	27820	15097	24289
CDL15_Pgr001928	0.38	32143	17288
CDL15_Pgr001930	0.14	0.32	0.53
CDL15_Pgr001938	46.09	199.85	446.07
CDL15_Pgr001950	0.67	0.89	23377
CDL15_Pgr002003	0.20	30317	44473
CDL15_Pgr002032	42005	23132	13.57
CDL15_Pgr002036	20.87	44553	31.85
CDL15_Pgr002037	44349	44348	45597
CDL15_Pgr002043	0.12	0.87	29587
CDL15_Pgr002084	0.18	0.89	44502
CDL15_Pgr002110	29312	32964	44382
CDL15_Pgr002116	0.60	0.91	45658
CDL15_Pgr002126	0	0.20	0.91
CDL15_Pgr002128	15.68	44520	25.28
CDL15_Pgr002147	17838	17137	13.49
CDL15_Pgr002148	0.81	44410	30376
CDL15_Pgr002162	25143	36.05	67.74
CDL15_Pgr002163	42064	31472	35217
CDL15_Pgr002176	45627	15.97	20.23
CDL15_Pgr002187	32964	19480	19176
CDL15_Pgr002228	44443	20576	21732
CDL15_Pgr002234	27791	14001	44447

CDL15_Pgr002236	30.32	37.55	44.77
CDL15_Pgr002239	15432	28946	33725
CDL15_Pgr002243	309.95	396.17	633.16
CDL15_Pgr002300	0.43	0.93	27061
CDL15_Pgr002306	44927	29646	46905
CDL15_Pgr002315	0.74	0.82	42370
CDL15_Pgr002320	13.15	46.62	81.91
CDL15_Pgr002321	33.00	62.07	91.19
CDL15_Pgr002322	66.22	100.39	136.01
CDL15_Pgr002344	31656	15281	13.69
CDL15_Pgr002364	33543	17.87	27.37
CDL15_Pgr002365	54.22	56.54	60.15
CDL15_Pgr002372	34.33	46.29	60.47
CDL15_Pgr002390	55.43	64.03	72.47
CDL15_Pgr002402	38.11	43.77	49.49
CDL15_Pgr002403	93.05	122.59	233.66
CDL15_Pgr002406	80.93	90.36	100.51
CDL15_Pgr002418	11720	44258	45047
CDL15_Pgr002425	52.21	54.43	63.36
CDL15_Pgr002435	24.66	26.63	44347
CDL15_Pgr002441	25.53	82.23	214.12
CDL15_Pgr002451	44289	42461	45474
CDL15_Pgr002461	0	0.07	0.23
CDL15_Pgr002475	0.90	41275	28491
CDL15_Pgr002487	31229	44531	17.87
CDL15_Pgr002530	22.89	44434	29.88
CDL15_Pgr002531	1486.28	1761.33	2223.46
CDL15_Pgr002543	44556	47.67	67.52
CDL15_Pgr002575	0.63	44197	34335
CDL15_Pgr002588	45261	44422	17.74
CDL15_Pgr002618	0	0.10	0.32
CDL15_Pgr002619	0.45	44199	19115
CDL15_Pgr002622	0	0.12	0.44
CDL15_Pgr002636	28976	45992	18.82
CDL15_Pgr002638	16132	24.40	55.41

CDL15_Pgr002644	0	0.10	0.20
CDL15_Pgr002661	0.09	0.44	46753
CDL15_Pgr002664	0	0.14	0.70
CDL15_Pgr002729	43.11	47.13	52.28
CDL15_Pgr002780	30.27	88.43	271.52
CDL15_Pgr002787	30529	17076	44239
CDL15_Pgr002805	41.86	45.55	50.29
CDL15_Pgr002816	0	0.06	0.24
CDL15_Pgr002822	44013	44236	36130
CDL15_Pgr002823	25082	24.45	39.73
CDL15_Pgr002826	0	0.28	43101
CDL15_Pgr002827	31.30	61.00	98.27
CDL15_Pgr002829	0.74	11749	33147
CDL15_Pgr002837	28430	15.18	18.78
CDL15_Pgr002844	0	44986	13.46
CDL15_Pgr002853	0	0.16	0.34
CDL15_Pgr002862	0.84	44593	13606
CDL15_Pgr002870	0	0.55	21916
CDL15_Pgr002878	322.23	342.62	426.82
CDL15_Pgr002882	44429	44253	30.86
CDL15_Pgr002904	22951	17.90	24.94
CDL15_Pgr002921	0.08	0.20	0.37
CDL15_Pgr002939	44411	24532	44444
CDL15_Pgr002949	0.09	0.38	44378
CDL15_Pgr002969	41640	24108	17930
CDL15_Pgr002971	61.02	71.50	93.39
CDL15_Pgr002978	0	0.13	0.27
CDL15_Pgr002992	22.76	25.24	28.17
CDL15_Pgr003008	17.28	20.65	27.36
CDL15_Pgr003010	0.06	0.18	0.30
CDL15_Pgr003032	27.73	31.13	42.11
CDL15_Pgr003044	25020	44539	43405
CDL15_Pgr003048	23.13	28.90	34.32
CDL15_Pgr003050	44805	28004	33147
CDL15_Pgr003053	32540	21245	17624

CDL15_Pgr003068	0.83	16072	44958
CDL15_Pgr003085	30682	29252	20911
CDL15_Pgr003086	21186	31048	31079
CDL15_Pgr003095	38.35	49.77	70.87
CDL15_Pgr003098	0.72	44272	48.41
CDL15_Pgr003102	231.86	318.29	459.94
CDL15_Pgr003118	62.13	63.88	68.73
CDL15_Pgr003122	19.97	32.24	46.17
CDL15_Pgr003129	0	0.98	14277
CDL15_Pgr003131	28.36	30.32	34.47
CDL15_Pgr003138	43191	18719	45413
CDL15_Pgr003153	25.41	28.30	32.72
CDL15_Pgr003191	92.42	100.68	136.38
CDL15_Pgr003196	19268	14.56	23.81
CDL15_Pgr003198	21.80	25.55	30.98
CDL15_Pgr003211	601.17	1078.08	1588.75
CDL15_Pgr003226	44378	44380	17685
CDL15_Pgr003227	83.88	93.82	133.01
CDL15_Pgr003250	90.49	139.65	190.58
CDL15_Pgr003261	14.97	22.34	31.34
CDL15_Pgr003291	17564	32.81	122.60
CDL15_Pgr003303	21367	20333	14.34
CDL15_Pgr003315	32.83	65.97	119.36
CDL15_Pgr003342	24.73	27.76	34.08
CDL15_Pgr003346	68.38	71.58	74.75
CDL15_Pgr003359	0.51	0.92	19725
CDL15_Pgr003364	44508	23955	44357
CDL15_Pgr003383	27303	32.71	55.50
CDL15_Pgr003395	0	0.19	0.40
CDL15_Pgr003402	27120	12540	46539
CDL15_Pgr003410	33298	36220	46113
CDL15_Pgr003416	25.32	28.40	39.86
CDL15_Pgr003446	0.08	0.46	0.88
CDL15_Pgr003466	44351	19085	23863
CDL15_Pgr003482	30773	46296	21.40

CDL15_Pgr003493	0.36	44537	34.10
CDL15_Pgr003503	24108	36161	18295
CDL15_Pgr003507	13.44	17.31	27.64
CDL15_Pgr003525	44540	29891	44331
CDL15_Pgr003528	0	0.30	0.62
CDL15_Pgr003539	35186	20607	36373
CDL15_Pgr003587	27.24	36.48	55.33
CDL15_Pgr003601	44373	31.91	42.92
CDL15_Pgr003603	44261	30621	19.51
CDL15_Pgr003613	17.92	44276	27.84
CDL15_Pgr003636	0	0.63	23743
CDL15_Pgr003643	45108	11171	33147
CDL15_Pgr003669	0	0.08	0.17
CDL15_Pgr003700	44257	13912	44472
CDL15_Pgr003704	44441	23863	15646
CDL15_Pgr003712	19603	34243	13.16
CDL15_Pgr003713	21916	46784	34366
CDL15_Pgr003716	0	0.12	0.36
CDL15_Pgr003737	11475	30529	26238
CDL15_Pgr003740	28.38	32.70	39.03
CDL15_Pgr003802	80.96	87.08	92.70
CDL15_Pgr003830	15.59	17.70	20.25
CDL15_Pgr003834	0	0.58	31048
CDL15_Pgr003845	23.77	25.33	28.46
CDL15_Pgr003849	25324	44449	15.89
CDL15_Pgr003882	0	0.16	0.34
CDL15_Pgr003883	14.57	18.56	30.57
CDL15_Pgr003888	29983	21976	30042
CDL15_Pgr003962	71.40	91.62	110.05
CDL15_Pgr003963	0	0.04	0.18
CDL15_Pgr003997	14427	35400	33.58
CDL15_Pgr004001	34851	20637	27973
CDL15_Pgr004034	0	0.31	0.65
CDL15_Pgr004061	25.37	27.34	29.31
CDL15_Pgr004082	23.18	26.44	44407

CDL15_Pgr004125	44348	16438	32143
CDL15_Pgr004129	22.84	28.30	35.21
CDL15_Pgr004130	83.65	92.78	120.14
CDL15_Pgr004146	44409	31809	43221
CDL15_Pgr004148	42644	13.77	20.46
CDL15_Pgr004150	44259	18.44	36.79
CDL15_Pgr004153	15097	17746	21.52
CDL15_Pgr004165	16407	15.24	26.37
CDL15_Pgr004171	21398	11263	15.87
CDL15_Pgr004177	19.52	19.80	20.84
CDL15_Pgr004189	13.36	14.18	44517
CDL15_Pgr004218	44509	16377	17.33
CDL15_Pgr004237	20210	28976	20241
CDL15_Pgr004240	25659	22.97	55.17
CDL15_Pgr004258	2589.55	3632.80	5160.55
CDL15_Pgr004292	42614	13.68	20.79
CDL15_Pgr004310	21.85	44376	46.25
CDL15_Pgr004314	25.52	28.78	34.18
CDL15_Pgr004348	0	0.09	0.18
CDL15_Pgr004359	0.51	0.77	26665
CDL15_Pgr004364	45566	104.71	345.98
CDL15_Pgr004365	171.75	273.51	373.59
CDL15_Pgr004425	0.58	42036	44440
CDL15_Pgr004442	22859	21125	14.54
CDL15_Pgr004451	43647	15281	20.73
CDL15_Pgr004461	48.05	76.20	102.01
CDL15_Pgr004494	44412	46143	24990
CDL15_Pgr004546	0.28	41640	20852
CDL15_Pgr004554	20607	14793	23590
CDL15_Pgr004584	19.67	30.41	49.29
CDL15_Pgr004588	0.52	12816	28734
CDL15_Pgr004634	0	0.34	44501
CDL15_Pgr004665	0.35	0.77	28856
CDL15_Pgr004675	15.69	16.45	17.25
CDL15_Pgr004683	0	0.46	12086

CDL15_Pgr004690	158.36	204.61	265.64
CDL15_Pgr004727	15.24	20.67	25.60
CDL15_Pgr004751	0	0.22	0.68
CDL15_Pgr004755	0.53	46753	25965
CDL15_Pgr004790	32509	44494	96.59
CDL15_Pgr004791	0.16	0.38	0.67
CDL15_Pgr004795	34060	17654	44445
CDL15_Pgr004796	13.57	15.84	23.59
CDL15_Pgr004811	2.00	42461	43252
CDL15_Pgr004812	32.00	38.45	48.05
CDL15_Pgr004828	146.54	174.49	206.82
CDL15_Pgr004837	48.62	59.41	81.70
CDL15_Pgr004841	21.93	26.52	34.54
CDL15_Pgr004843	14824	20.94	32.51
CDL15_Pgr004857	21398	27607	44205
CDL15_Pgr004872	95.08	98.04	105.77
CDL15_Pgr004948	44389	14.45	44272
CDL15_Pgr004951	35.59	45.70	56.11
CDL15_Pgr004962	98.11	314.69	791.59
CDL15_Pgr004966	36.58	112.95	240.88
CDL15_Pgr004983	44378	35796	34790
CDL15_Pgr005006	35.03	36.03	37.81
CDL15_Pgr005052	0.57	20090	31809
CDL15_Pgr005105	0.28	0.67	16072
CDL15_Pgr005121	0	0.79	26724
CDL15_Pgr005191	38.15	47.05	55.44
CDL15_Pgr005242	0.62	0.88	33604
CDL15_Pgr005244	30317	42767	15036
CDL15_Pgr005275	238.94	250.49	276.69
CDL15_Pgr005287	41671	13912	31809
CDL15_Pgr005297	13516	35855	12298
CDL15_Pgr005299	41579	43040	11628
CDL15_Pgr005303	0.84	0.96	44927
CDL15_Pgr005320	0	44470	19450
CDL15_Pgr005340	30713	12875	21337

CDL15_Pgr005351	239.19	250.56	285.56
CDL15_Pgr005393	24.15	34.78	50.42
CDL15_Pgr005398	111.31	115.93	120.49
CDL15_Pgr005405	27.61	33.50	39.30
CDL15_Pgr005411	44535	24593	25355
CDL15_Pgr005447	23012	18660	22706
CDL15_Pgr005452	0	0.06	0.25
CDL15_Pgr005458	17.45	20.77	27.45
CDL15_Pgr005512	20241	45139	26604
CDL15_Pgr005525	25628	30437	21398
CDL15_Pgr005533	0.54	0.59	0.73
CDL15_Pgr005545	44233	19511	29799
CDL15_Pgr005563	25.25	30.20	34.75
CDL15_Pgr005577	40.83	42.61	44.26
CDL15_Pgr005584	45689	12175	15.60
CDL15_Pgr005587	33.31	60.85	100.90
CDL15_Pgr005588	22282	15373	19419
CDL15_Pgr005607	0	13881	35096
CDL15_Pgr005621	44516	24.51	36.87
CDL15_Pgr005624	35.45	41.36	67.44
CDL15_Pgr005629	26.36	38.45	63.12
CDL15_Pgr005645	46296	34.90	65.67
CDL15_Pgr005647	0.71	17.76	45.54
CDL15_Pgr005688	16.76	44399	28.29
CDL15_Pgr005696	23924	28065	21.61
CDL15_Pgr005701	44505	31898	13363
CDL15_Pgr005736	24.72	26.29	29.24
CDL15_Pgr005764	22341	17441	19.40
CDL15_Pgr005790	29129	44239	44453
CDL15_Pgr005796	35796	45689	45352
CDL15_Pgr005816	15919	44509	26604
CDL15_Pgr005829	0.64	0.85	44470
CDL15_Pgr005851	41365	46600	14.72
CDL15_Pgr005855	41913	14.61	18.99
CDL15_Pgr005864	22.39	24.77	28.38

CDL15_Pgr005883	0	0.20	0.41
CDL15_Pgr005885	17624	20972	47362
CDL15_Pgr005887	29312	19603	13.93
CDL15_Pgr005898	27150	23955	15.84
CDL15_Pgr005924	0.61	44927	11720
CDL15_Pgr005968	28.49	28.85	44499
CDL15_Pgr005969	0.34	20486	23651
CDL15_Pgr006002	71.60	78.71	93.12
CDL15_Pgr006034	0.27	0.31	0.44
CDL15_Pgr006072	0.25	0.50	44256
CDL15_Pgr006089	29068	17137	16.41
CDL15_Pgr006099	122.20	194.78	350.09
CDL15_Pgr006122	31444	12875	30103
CDL15_Pgr006123	18.67	21.51	24.84
CDL15_Pgr006137	10.00	43405	13.57
CDL15_Pgr006159	0.55	17564	32264
CDL15_Pgr006168	23.95	33.11	48.50
CDL15_Pgr006231	14946	25.54	41.49
CDL15_Pgr006232	22433	17349	16681
CDL15_Pgr006247	0.30	0.46	0.89
CDL15_Pgr006298	0	0.12	0.38
CDL15_Pgr006300	0	27791	21671
CDL15_Pgr006322	0.31	0.50	0.96
CDL15_Pgr006375	0	0.13	0.39
CDL15_Pgr006377	48.19	82.63	167.64
CDL15_Pgr006396	0.26	0.52	0.80
CDL15_Pgr006421	16469	44380	15067
CDL15_Pgr006473	16497	42095	21337
CDL15_Pgr006498	30468	28703	43800
CDL15_Pgr006520	22.52	24.81	30.95
CDL15_Pgr006527	22.35	25.43	32.18
CDL15_Pgr006544	42705	14.89	44306
CDL15_Pgr006554	21.36	44280	33.23
CDL15_Pgr006587	121.11	141.04	161.14
CDL15_Pgr006605	41306	44263	44273

CDL15_Pgr006616	13.71	15.26	21.43
CDL15_Pgr006649	0.37	34366	27546
CDL15_Pgr006662	13575	31168	36008
CDL15_Pgr006720	17624	23163	13.20
CDL15_Pgr006737	0	24108	23437
CDL15_Pgr006744	22525	41579	13.51
CDL15_Pgr006748	17.82	19.37	21.67
CDL15_Pgr006752	16.23	20.96	44403
CDL15_Pgr006753	26390	20394	19.78
CDL15_Pgr006755	49.42	57.80	81.33
CDL15_Pgr006756	44538	24.21	45.66
CDL15_Pgr006764	21916	12844	45474
CDL15_Pgr006765	20941	14.40	25.20
CDL15_Pgr006769	51.22	56.65	68.58
CDL15_Pgr006775	35431	14277	44199
CDL15_Pgr006785	11110	44044	34639
CDL15_Pgr006790	14793	44447	43739
CDL15_Pgr006805	42736	24139	45413
CDL15_Pgr006806	0	0.42	11324
CDL15_Pgr006809	15.26	20.89	36.88
CDL15_Pgr006844	0	0.09	0.45
CDL15_Pgr006845	12510	16.22	32.11
CDL15_Pgr006854	48.04	55.44	68.45
CDL15_Pgr006861	16589	29799	16.92
CDL15_Pgr006872	23.21	25.55	44285
CDL15_Pgr006894	32.95	40.14	53.30
CDL15_Pgr006908	35.07	38.95	51.32
CDL15_Pgr006916	35.63	51.55	66.82
CDL15_Pgr006935	12905	17411	17.91
CDL15_Pgr006936	23.67	26.37	29.34
CDL15_Pgr006945	16132	44713	41913
CDL15_Pgr006953	0	0.76	42767
CDL15_Pgr006959	48.09	51.65	59.18
CDL15_Pgr006963	11597	21490	31382
CDL15_Pgr006977	0	0.36	1.00

CDL15_Pgr006988	11871	21125	44363
CDL15_Pgr006990	38.14	61.80	103.90
CDL15_Pgr007007	46784	41426	44265
CDL15_Pgr007014	31717	14.82	44304
CDL15_Pgr007046	24320	44236	23255
CDL15_Pgr007049	58.25	76.95	130.16
CDL15_Pgr007058	46966	20.57	36.97
CDL15_Pgr007081	14.61	18.74	22.81
CDL15_Pgr007082	22037	17319	41518
CDL15_Pgr007133	26.49	31.49	36.41
CDL15_Pgr007153	22037	29768	47392
CDL15_Pgr007170	0.15	0.30	0.69
CDL15_Pgr007172	23863	46539	35947
CDL15_Pgr007174	125.97	139.55	162.46
CDL15_Pgr007183	0	34455	21.87
CDL15_Pgr007192	18354	35186	42278
CDL15_Pgr007197	50.79	53.15	59.58
CDL15_Pgr007213	27851	25324	41821
CDL15_Pgr007242	27.91	32.76	43.12
CDL15_Pgr007245	0	0.67	21916
CDL15_Pgr007246	0	0.26	0.50
CDL15_Pgr007291	0	0.29	0.92
CDL15_Pgr007315	0.34	16589	13.49
CDL15_Pgr007317	17.97	21.74	30.20
CDL15_Pgr007320	0.41	32143	45352
CDL15_Pgr007326	43831	34425	21094
CDL15_Pgr007336	46054	30072	34943
CDL15_Pgr007339	23743	28856	14642
CDL15_Pgr007357	25.48	44344	36.69
CDL15_Pgr007370	0.10	0.44	0.86
CDL15_Pgr007375	12328	13.23	16.83
CDL15_Pgr007380	45017	19450	30437
CDL15_Pgr007408	41306	14702	21702
CDL15_Pgr007411	27.49	74.07	146.87
CDL15_Pgr007421	41821	44355	32752

CDL15_Pgr007425	16.74	17.20	44426
CDL15_Pgr007427	0	0.09	0.29
CDL15_Pgr007446	274.52	348.11	431.93
CDL15_Pgr007485	0	0.12	0.38
CDL15_Pgr007503	15097	25689	22433
CDL15_Pgr007532	44236	14124	22190
CDL15_Pgr007536	29.34	30.65	31.89
CDL15_Pgr007541	23285	21.44	34.04
CDL15_Pgr007569	14611	24108	29618
CDL15_Pgr007574	0.65	25965	32629
CDL15_Pgr007576	0.72	44380	29007
CDL15_Pgr007577	25263	44440	44397
CDL15_Pgr007578	43101	14062	14.87
CDL15_Pgr007582	0.41	17564	15067
CDL15_Pgr007586	0.41	17564	15067
CDL15_Pgr007620	39.90	45.88	69.62
CDL15_Pgr007624	24.50	94.33	170.60
CDL15_Pgr007635	31503	25385	14.58
CDL15_Pgr007637	0.48	0.79	27030
CDL15_Pgr007657	101.25	116.57	145.13
CDL15_Pgr007664	44355	44239	18.84
CDL15_Pgr007692	35855	44378	18537
CDL15_Pgr007695	28369	33147	44481
CDL15_Pgr007702	54.81	69.07	92.87
CDL15_Pgr007711	11355	24504	43160
CDL15_Pgr007717	26665	27.56	51.46
CDL15_Pgr007721	46113	31503	15827
CDL15_Pgr007730	0.59	0.86	44562
CDL15_Pgr007736	44329	14.32	16.51
CDL15_Pgr007740	25294	25324	36404
CDL15_Pgr007772	23529	27576	24077
CDL15_Pgr007773	28460	16.49	21.46
CDL15_Pgr007781	44528	37.39	56.96
CDL15_Pgr007794	28915	31929	28825
CDL15_Pgr007810	33329	19.59	47.59

CDL15_Pgr007824	15189	15.78	22.97
CDL15_Pgr007863	23.83	25.31	28.36
CDL15_Pgr007865	99.00	204.87	467.27
CDL15_Pgr007879	0	0.26	44440
CDL15_Pgr007889	44475	28642	41852
CDL15_Pgr007898	0.50	43831	13547
CDL15_Pgr007927	44336	44461	27.87
CDL15_Pgr007929	23682	26634	15.37
CDL15_Pgr007948	0.81	44531	44502
CDL15_Pgr007969	0	0.17	0.80
CDL15_Pgr007972	44301	15.40	44243
CDL15_Pgr008000	43983	19238	13.31
CDL15_Pgr008115	75.38	82.54	105.01
CDL15_Pgr008144	46874	44298	21.53
CDL15_Pgr008151	18050	30103	46569
CDL15_Pgr008155	42036	18841	18.79
CDL15_Pgr008178	0	0.90	11780
CDL15_Pgr008179	0	35796	42552
CDL15_Pgr008182	0	44348	26785
CDL15_Pgr008227	0	0.10	0.21
CDL15_Pgr008235	18142	46296	13.29
CDL15_Pgr008254	30437	44295	20.78
CDL15_Pgr008415	23224	12298	23651
CDL15_Pgr008419	21.15	22.74	25.86
CDL15_Pgr008482	24838	47150	44230
CDL15_Pgr008488	41395	44013	44835
CDL15_Pgr008504	193.46	259.87	370.35
CDL15_Pgr008506	28307	46661	31747
CDL15_Pgr008510	0	0.11	0.22
CDL15_Pgr008525	761.01	976.06	1184.53
CDL15_Pgr008540	27973	13.24	17.65
CDL15_Pgr008551	36281	31959	32752
CDL15_Pgr008554	42005	42705	44376
CDL15_Pgr008581	189.37	228.15	272.29
CDL15_Pgr008596	27576	29891	17.96

CDL15_Pgr008602	43770	12389	16.22
CDL15_Pgr008609	18.50	25.15	32.10
CDL15_Pgr008610	16072	17685	19.54
CDL15_Pgr008612	0	41275	18688
CDL15_Pgr008619	32.41	35.16	41.98
CDL15_Pgr008669	0	0.36	44287
CDL15_Pgr008734	14.45	44336	31.09
CDL15_Pgr008735	44388	14.15	17.62
CDL15_Pgr008760	44384	11293	17.26
CDL15_Pgr008771	21916	35065	13912
CDL15_Pgr008778	89.51	106.49	168.44
CDL15_Pgr008780	52.73	60.70	93.71
CDL15_Pgr008781	32568	13.30	52.64
CDL15_Pgr008782	0.43	12086	31594
CDL15_Pgr008789	24654	13.34	23.56
CDL15_Pgr008791	103.35	107.95	122.71
CDL15_Pgr008799	127.30	190.40	292.81
CDL15_Pgr008811	41760	13271	43983
CDL15_Pgr008822	12114	31107	33695
CDL15_Pgr008831	15.67	16.81	20.17
CDL15_Pgr008840	0.08	0.24	0.63
CDL15_Pgr008844	0.57	24473	23437
CDL15_Pgr008847	85.35	97.43	128.93
CDL15_Pgr008864	0	0.08	0.24
CDL15_Pgr008866	20241	35612	13759
CDL15_Pgr008869	97.19	111.17	139.38
CDL15_Pgr008881	43891	44352	44507
CDL15_Pgr008888	16285	18142	13.17
CDL15_Pgr008896	38.41	44.15	52.04
CDL15_Pgr008900	43221	14763	21794
CDL15_Pgr008945	24320	13.14	18.00
CDL15_Pgr008947	44536	11536	36495
CDL15_Pgr008955	26.98	34.74	41.91
CDL15_Pgr008956	117.16	167.94	220.78
CDL15_Pgr008962	35278	15646	14.94

CDL15_Pgr008980	32.70	47.95	64.85
CDL15_Pgr008992	34394	34060	35247
CDL15_Pgr008999	20852	43891	44321
CDL15_Pgr009005	44207	44328	44390
CDL15_Pgr009007	0.81	30864	16.35
CDL15_Pgr009023	44424	21.34	26.97
CDL15_Pgr009025	22.98	27.74	39.15
CDL15_Pgr009032	11018	16316	44276
CDL15_Pgr009035	12420	43556	18810
CDL15_Pgr009037	43891	16254	15.65
CDL15_Pgr009047	18.79	32.04	64.12
CDL15_Pgr009058	23.39	26.55	38.37
CDL15_Pgr009066	22.96	26.23	35.41
CDL15_Pgr009088	12724	13.56	15.82
CDL15_Pgr009161	0.07	44562	23774
CDL15_Pgr009222	0.80	21245	12267
CDL15_Pgr009259	18.76	23.28	29.44
CDL15_Pgr009270	14.69	17.13	20.66
CDL15_Pgr009282	13.32	22.21	30.97
CDL15_Pgr009319	34151	30956	44394
CDL15_Pgr009324	20.28	43.17	75.99
CDL15_Pgr009329	15.26	44487	44551
CDL15_Pgr009333	0.77	41640	23043
CDL15_Pgr009335	29983	43160	44200
CDL15_Pgr009420	0	0.25	0.52
CDL15_Pgr009422	0.53	0.72	0.96
CDL15_Pgr009441	23.27	24.72	28.76
CDL15_Pgr009462	0	0.31	0.82
CDL15_Pgr009478	0.05	0.29	47119
CDL15_Pgr009481	0	0.76	33239
CDL15_Pgr009497	31413	33635	36251
CDL15_Pgr009507	44232	15250	22.75
CDL15_Pgr009508	29007	23.44	59.16
CDL15_Pgr009509	32.50	38.58	47.86
CDL15_Pgr009514	43101	42064	11810

CDL15_Pgr009516	0.15	43466	45717
CDL15_Pgr009529	0.47	42795	15950
CDL15_Pgr009534	0.07	1.00	43497
CDL15_Pgr009542	18354	54.28	104.12
CDL15_Pgr009557	17593	19054	24167
CDL15_Pgr009561	13516	19756	44381
CDL15_Pgr009563	18323	19450	44233
CDL15_Pgr009583	27.61	54.55	83.05
CDL15_Pgr009605	44506	44387	23.43
CDL15_Pgr009624	102.87	111.96	142.54
CDL15_Pgr009630	44501	16103	16193
CDL15_Pgr009644	44.60	62.53	94.22
CDL15_Pgr009647	35065	44481	55.34
CDL15_Pgr009652	17685	11902	13.19
CDL15_Pgr009658	17899	13181	34060
CDL15_Pgr009664	25204	12875	43374
CDL15_Pgr009684	0	0.17	0.55
CDL15_Pgr009691	26.34	50.83	80.15
CDL15_Pgr009693	11293	18.92	35.58
CDL15_Pgr009694	188.06	355.10	540.40
CDL15_Pgr009708	18.83	35.00	55.89
CDL15_Pgr009713	0.22	0.58	44317
CDL15_Pgr009731	20760	21.72	34.61
CDL15_Pgr009752	13181	35521	44422
CDL15_Pgr009774	38.30	43.98	54.04
CDL15_Pgr009775	0.07	0.45	19360
CDL15_Pgr009784	14793	19.65	32.71
CDL15_Pgr009796	16.47	26.17	38.27
CDL15_Pgr009827	0.33	0.53	13516
CDL15_Pgr009834	13.16	15.67	20.16
CDL15_Pgr009843	54.49	76.27	105.88
CDL15_Pgr009870	44238	13.79	17.16
CDL15_Pgr009873	0.48	0.64	0.80
CDL15_Pgr009875	47.55	53.00	71.80
CDL15_Pgr009879	3.00	44351	17685

CDL15_Pgr009883	98.52	153.16	223.70
CDL15_Pgr009908	44531	15342	34700
CDL15_Pgr009914	33.65	38.93	55.20
CDL15_Pgr009917	35217	29768	11.00
CDL15_Pgr009925	0	0.19	0.61
CDL15_Pgr009937	50.24	56.71	70.87
CDL15_Pgr009943	22.98	34.40	49.49
CDL15_Pgr009945	34.29	40.42	51.74
CDL15_Pgr009990	0	19360	15827
CDL15_Pgr009991	33.36	82.81	147.17
CDL15_Pgr009994	0	0.07	0.14
CDL15_Pgr010017	16.80	21.76	29.59
CDL15_Pgr010030	17.60	22.29	44377
CDL15_Pgr010040	25.47	41.05	61.59
CDL15_Pgr010077	34.68	70.55	117.88
CDL15_Pgr010132	0.17	34455	24.35
CDL15_Pgr010146	13940	17958	34029
CDL15_Pgr010191	18354	25689	24654
CDL15_Pgr010194	44351	43221	11505
CDL15_Pgr010197	436.67	523.78	893.11
CDL15_Pgr010230	0.28	0.35	0.44
CDL15_Pgr010237	0.33	0.99	15008
CDL15_Pgr010249	34973	15.32	22.29
CDL15_Pgr010357	35.13	41.10	66.45
CDL15_Pgr010361	18.21	18.36	18.84
CDL15_Pgr010371	33.91	55.65	80.62
CDL15_Pgr010372	44535	17319	44385
CDL15_Pgr010390	19.20	67.12	223.63
CDL15_Pgr010396	47150	34912	34.74
CDL15_Pgr010418	0.18	43101	46113
CDL15_Pgr010419	34.01	36.43	39.29
CDL15_Pgr010430	56.55	91.83	131.49
CDL15_Pgr010440	0	0.26	0.96
CDL15_Pgr010442	38.45	69.40	105.28
CDL15_Pgr010469	60.73	61.79	64.73

CDL15_Pgr010509	0.10	0.40	0.72
CDL15_Pgr010544	80.06	112.50	159.43
CDL15_Pgr010612	13606	35551	22129
CDL15_Pgr010621	0.19	17899	25600
CDL15_Pgr010624	0.58	43862	44234
CDL15_Pgr010633	22.77	24.91	30.69
CDL15_Pgr010639	0	0.06	0.22
CDL15_Pgr010644	44332	18.89	27.25
CDL15_Pgr010645	19.64	20.73	21.75
CDL15_Pgr010674	42095	24198	21306
CDL15_Pgr010687	44457	21.98	29.80
CDL15_Pgr010742	35156	29373	31260
CDL15_Pgr010748	0	0.49	44197
CDL15_Pgr010770	18.18	24.91	32.86
CDL15_Pgr010773	24716	14.95	28.25
CDL15_Pgr010780	0	0.75	18688
CDL15_Pgr010803	0.49	0.76	15342
CDL15_Pgr010830	0.89	13.87	38.75
CDL15_Pgr010845	0.27	0.49	0.91
CDL15_Pgr010911	0.11	0.82	21217
CDL15_Pgr010916	20.62	45.59	69.67
CDL15_Pgr010918	20.30	21.37	24.30
CDL15_Pgr010943	27.61	33.33	43.75
CDL15_Pgr010955	28856	19025	19054
CDL15_Pgr010975	20.51	37.02	86.53
CDL15_Pgr011039	13150	24504	23833
CDL15_Pgr011060	30.75	34.73	41.81
CDL15_Pgr011084	66.22	78.74	105.80
CDL15_Pgr011086	68.35	85.91	126.26
CDL15_Pgr011122	0	0.08	0.19
CDL15_Pgr011166	22037	34486	18507
CDL15_Pgr011194	0.30	0.97	31048
CDL15_Pgr011206	31.24	34.13	39.23
CDL15_Pgr011255	28550	20.39	48.62
CDL15_Pgr011278	27364	21.78	44346

CDL15_Pgr011301	0	0.43	0.91
CDL15_Pgr011324	19.83	26.50	35.99
CDL15_Pgr011377	0.27	43466	44349
CDL15_Pgr011389	23316	24442	15.55
CDL15_Pgr011397	30498	18.45	31.15
CDL15_Pgr011407	51.67	150.32	253.67
CDL15_Pgr011424	53.52	59.96	79.32
CDL15_Pgr011426	44214	21.75	29.91
CDL15_Pgr011447	46419	15036	44444
CDL15_Pgr011453	45352	35521	44539
CDL15_Pgr011467	83.12	193.74	418.05
CDL15_Pgr011471	33.75	39.31	54.58
CDL15_Pgr011478	28095	14.38	20.42
CDL15_Pgr011486	265.37	293.40	356.93
CDL15_Pgr011499	44284	33.79	47.37
CDL15_Pgr011506	37.98	43.15	50.34
CDL15_Pgr011532	69.83	87.76	105.48
CDL15_Pgr011540	44502	25600	31472
CDL15_Pgr011544	19360	28522	44413
CDL15_Pgr011573	17838	16.91	22.61
CDL15_Pgr011629	15432	44382	26420
CDL15_Pgr011747	0	0.55	25204
CDL15_Pgr011758	13.30	13.64	14.55
CDL15_Pgr011761	0	0.85	44473
CDL15_Pgr011763	19299	26634	16.31
CDL15_Pgr011768	335.32	603.97	1018.31
CDL15_Pgr011795	42.17	45.26	51.55
CDL15_Pgr011798	0.75	44409	17168
CDL15_Pgr011827	29.33	102.43	206.18
CDL15_Pgr011840	0.13	0.49	44440
CDL15_Pgr011846	14.58	16.82	22.91
CDL15_Pgr011859	21.65	44401	44286
CDL15_Pgr011941	0.06	0.13	0.33
CDL15_Pgr011942	15342	17930	35217
CDL15_Pgr011946	40.39	48.81	68.72

CDL15_Pgr011957	0	0.85	27061
CDL15_Pgr011965	0.05	0.33	0.69
CDL15_Pgr012023	0	0.39	44562
CDL15_Pgr012033	44.02	531.63	1270.03
CDL15_Pgr012101	6262.42	9877.41	13472.36
CDL15_Pgr012105	19.57	44398	44250
CDL15_Pgr012118	53.57	58.26	67.43
CDL15_Pgr012128	18660	28581	14.55
CDL15_Pgr012135	205.23	234.75	342.69
CDL15_Pgr012136	41.80	48.52	59.79
CDL15_Pgr012137	57.47	75.97	109.86
CDL15_Pgr012146	0	0.77	25965
CDL15_Pgr012147	15220	16.42	24.98
CDL15_Pgr012173	18902	18.22	28.49
CDL15_Pgr012199	44226	32.43	42.51
CDL15_Pgr012327	27.59	31.21	35.00
CDL15_Pgr012415	0.82	31837	23924
CDL15_Pgr012424	22.24	27.13	34.50
CDL15_Pgr012453	43891	11902	15.48
CDL15_Pgr012463	0.24	13881	21947
CDL15_Pgr012508	0	0.11	0.21
CDL15_Pgr012530	23.43	35.12	52.28
CDL15_Pgr012550	0.40	0.64	20090
CDL15_Pgr012551	44427	37.91	107.33
CDL15_Pgr012552	44476	22.69	39.31
CDL15_Pgr012570	14185	30286	44212
CDL15_Pgr012574	44311	30.24	48.56
CDL15_Pgr012592	167.75	187.63	240.21
CDL15_Pgr012616	44317	29587	42430
CDL15_Pgr012704	20.72	44430	26.41
CDL15_Pgr012705	22706	44381	19845
CDL15_Pgr012721	110.51	148.93	204.44
CDL15_Pgr012725	0	0.25	0.52
CDL15_Pgr012728	105.43	130.60	169.01
CDL15_Pgr012740	39.16	48.79	66.00

CDL15_Pgr012766	0	0.51	42005
CDL15_Pgr012793	91.28	112.04	169.04
CDL15_Pgr012799	0	0.14	0.43
CDL15_Pgr012818	46023	25355	15.99
CDL15_Pgr012833	0	0.96	47150
CDL15_Pgr012848	0.22	0.55	25934
CDL15_Pgr012862	44524	44433	28.91
CDL15_Pgr012877	23.93	25.30	26.99
CDL15_Pgr012883	0.07	44197	35462
CDL15_Pgr012884	0.17	0.40	0.70
CDL15_Pgr012898	0	0.10	0.25
CDL15_Pgr012959	0.04	0.09	0.23
CDL15_Pgr012961	267.53	281.26	304.61
CDL15_Pgr012970	18080	44477	13394
CDL15_Pgr012977	0.95	44348	15342
CDL15_Pgr012985	35125	15797	11841
CDL15_Pgr013019	0	0.46	44562
CDL15_Pgr013024	108.15	118.71	129.09
CDL15_Pgr013037	33756	34547	41579
CDL15_Pgr013043	20.38	25.32	32.26
CDL15_Pgr013107	35065	44410	19756
CDL15_Pgr013114	118.88	267.22	442.72
CDL15_Pgr013117	29281	20.64	58.47
CDL15_Pgr013141	0	0.77	29587
CDL15_Pgr013187	17137	14.82	21.33
CDL15_Pgr013230	17227	25628	44200
CDL15_Pgr013280	11841	41821	16285
CDL15_Pgr013310	0.53	0.81	42005
CDL15_Pgr013357	17.85	21.91	26.66
CDL15_Pgr013359	21947	26877	24.39
CDL15_Pgr013368	0	0.07	0.16
CDL15_Pgr013427	22.46	23.87	28.78
CDL15_Pgr013444	68.07	83.76	120.64
CDL15_Pgr013446	22555	15.70	25.63
CDL15_Pgr013469	26330	31533	25447

CDL15_Pgr013512	0.42	0.52	0.65
CDL15_Pgr013526	0.26	42005	45383
CDL15_Pgr013527	0	0.81	27061
CDL15_Pgr013529	16.68	25.65	35.10
CDL15_Pgr013532	42.78	50.94	71.71
CDL15_Pgr013533	0.88	11720	46508
CDL15_Pgr013539	19.69	23.29	27.71
CDL15_Pgr013583	30.15	35.00	44.75
CDL15_Pgr013602	25112	15.24	23.33
CDL15_Pgr013657	15.99	17.82	23.87
CDL15_Pgr013660	14977	43374	27.29
CDL15_Pgr013703	24.74	44404	32.01
CDL15_Pgr013717	19.32	21.98	24.52
CDL15_Pgr013730	25720	35643	20059
CDL15_Pgr013731	131.79	143.83	186.41
CDL15_Pgr013739	44682	23132	12601
CDL15_Pgr013746	118.15	124.55	134.20
CDL15_Pgr013751	13912	25263	28642
CDL15_Pgr013754	22282	44379	21245
CDL15_Pgr013757	45292	13940	43983
CDL15_Pgr013793	0.22	0.89	27426
CDL15_Pgr013814	44198	16103	32174
CDL15_Pgr013819	15036	44321	12632
CDL15_Pgr013820	44472	26390	44538
CDL15_Pgr013823	15950	18568	18.68
CDL15_Pgr013826	11749	11414	29007
CDL15_Pgr013872	30317	16.42	32.39
CDL15_Pgr013880	0.14	0.28	0.58
CDL15_Pgr013889	20.55	23.71	28.61
CDL15_Pgr013891	18.30	26.26	43.22
CDL15_Pgr013895	24.71	27.42	34.92
CDL15_Pgr013897	20.39	22.22	25.26
CDL15_Pgr013907	266.97	286.90	313.13
CDL15_Pgr013917	20760	21520	13.93
CDL15_Pgr013930	80.77	87.18	96.87

CDL15_Pgr013941	0.34	33695	17.58
CDL15_Pgr013973	0	0.06	0.25
CDL15_Pgr014020	0	0.22	0.84
CDL15_Pgr014031	34.01	74.58	127.44
CDL15_Pgr014038	0	0.12	0.24
CDL15_Pgr014061	45689	14.77	46.77
CDL15_Pgr014068	53.17	59.62	72.32
CDL15_Pgr014094	43101	15373	35490
CDL15_Pgr014100	35827	44504	30437
CDL15_Pgr014116	44322	42186	31352
CDL15_Pgr014121	44510	22981	18.27
CDL15_Pgr014151	19.75	44400	31.40
CDL15_Pgr014173	0.76	22282	15738
CDL15_Pgr014229	0	0.15	0.39
CDL15_Pgr014230	12571	41852	13.99
CDL15_Pgr014239	20.21	26.28	35.15
CDL15_Pgr014246	56.57	90.23	158.03
CDL15_Pgr014248	44442	32964	17349
CDL15_Pgr014270	44231	43556	33329
CDL15_Pgr014297	42370	18264	32874
CDL15_Pgr014310	27791	17258	32021
CDL15_Pgr014311	18.21	20.91	26.61
CDL15_Pgr014313	0	0.28	46753
CDL15_Pgr014317	25600	36192	46844
CDL15_Pgr014326	39.26	43.19	52.92
CDL15_Pgr014351	0.12	30437	44483
CDL15_Pgr014358	0.15	0.19	0.27
CDL15_Pgr014359	0.29	34.76	109.25
CDL15_Pgr014360	0	0.33	19725
CDL15_Pgr014362	0.73	23743	19815
CDL15_Pgr014365	0	0.44	28126
CDL15_Pgr014368	24473	27912	14.94
CDL15_Pgr014374	27881	14855	44390
CDL15_Pgr014408	17989	30834	14.92
CDL15_Pgr014424	54.56	69.19	89.22

CDL15_Pgr014433	0.82	44197	44197
CDL15_Pgr014443	60.09	85.72	121.35
CDL15_Pgr014446	34759	28034	24.42
CDL15_Pgr014447	44197	44410	11383
CDL15_Pgr014450	17258	44260	19511
CDL15_Pgr014454	28.74	30.82	39.93
CDL15_Pgr014482	299.64	370.18	437.66
CDL15_Pgr014504	24198	13.85	27.62
CDL15_Pgr014510	0	41275	41395
CDL15_Pgr014513	0.10	0.51	0.98
CDL15_Pgr014520	61.80	82.11	105.75
CDL15_Pgr014528	43.56	72.86	99.76
CDL15_Pgr014529	43.56	72.86	99.76
CDL15_Pgr014545	28.94	32.38	39.12
CDL15_Pgr014559	42644	35400	18.23
CDL15_Pgr014560	14.69	17.24	27.57
CDL15_Pgr014579	43800	17.42	23.91
CDL15_Pgr014588	0.87	15797	44448
CDL15_Pgr014594	153.03	157.97	163.85
CDL15_Pgr014636	43891	35551	44209
CDL15_Pgr014663	0	0.09	0.39
CDL15_Pgr014668	46.96	68.15	134.79
CDL15_Pgr014682	24167	22767	21002
CDL15_Pgr014687	14093	20699	11628
CDL15_Pgr014731	0.31	41334	26085
CDL15_Pgr014749	0.32	24167	36130
CDL15_Pgr014750	32082	32.93	55.27
CDL15_Pgr014753	22.45	32.19	42.65
CDL15_Pgr014757	31.60	44.04	60.21
CDL15_Pgr014761	116.59	140.17	244.98
CDL15_Pgr014778	20424	16.43	23.25
CDL15_Pgr014801	21.68	35.76	50.48
CDL15_Pgr014808	45962	11293	14.96
CDL15_Pgr014822	0	0.15	0.77
CDL15_Pgr014845	17015	24.89	43.41

CDL15_Pgr014849	0	0.38	0.97
CDL15_Pgr014851	24838	15766	47270
CDL15_Pgr014868	113.42	126.77	148.92
CDL15_Pgr014869	13302	19146	30103
CDL15_Pgr014906	0.78	0.94	19360
CDL15_Pgr014926	23.69	28.14	37.71
CDL15_Pgr014957	27881	47270	42917
CDL15_Pgr014972	53.29	64.15	84.42
CDL15_Pgr014989	22.97	23.81	27.16
CDL15_Pgr015003	25.52	29.83	44.84
CDL15_Pgr015004	104.80	151.59	214.75
CDL15_Pgr015031	0	0.65	30317
CDL15_Pgr015047	0.21	0.66	23408
CDL15_Pgr015065	68.05	71.35	76.01
CDL15_Pgr015070	43466	22647	44229
CDL15_Pgr015078	60.91	63.36	69.44
CDL15_Pgr015092	15.65	16.32	44274
CDL15_Pgr015123	17107	13.84	16.19
CDL15_Pgr015150	15.39	20.24	27.46
CDL15_Pgr015152	13881	32874	21582
CDL15_Pgr015176	93.46	98.76	112.28
CDL15_Pgr015178	115.16	130.22	159.60
CDL15_Pgr015218	19450	26420	14519
CDL15_Pgr015224	16407	44489	46.11
CDL15_Pgr015228	46419	17685	13.35
CDL15_Pgr015229	11202	41944	14.97
CDL15_Pgr015230	46600	44481	17.65
CDL15_Pgr015242	63.14	132.09	245.62
CDL15_Pgr015243	26024	27912	13028
CDL15_Pgr015266	13.32	16.42	44248
CDL15_Pgr015277	35735	14.76	19.54
CDL15_Pgr015310	22951	15.71	26.92
CDL15_Pgr015326	13485	44485	21.57
CDL15_Pgr015329	44483	15.86	19.94
CDL15_Pgr015337	26451	45505	41944

CDL15_Pgr015346	135.95	151.32	169.35
CDL15_Pgr015354	44349	24.89	82.32
CDL15_Pgr015387	26207	44866	14215
CDL15_Pgr015400	37.47	45.13	57.61
CDL15_Pgr015429	33786	44479	15.65
CDL15_Pgr015430	35125	21306	36342
CDL15_Pgr015432	35400	15.22	44520
CDL15_Pgr015480	0	0.14	0.37
CDL15_Pgr015485	14.70	19.71	27.23
CDL15_Pgr015487	55.43	67.80	113.95
CDL15_Pgr015531	44202	24.55	51.94
CDL15_Pgr015533	15.48	17.17	19.88
CDL15_Pgr015535	25294	25324	36404
CDL15_Pgr015536	0.19	31413	13940
CDL15_Pgr015540	0	0.05	0.25
CDL15_Pgr015556	0	0.31	0.96
CDL15_Pgr015582	42979	27273	27699
CDL15_Pgr015638	42.19	50.19	58.06
CDL15_Pgr015648	26.43	31.29	39.89
CDL15_Pgr015663	26999	14.29	18.40
CDL15_Pgr015687	31079	44260	27973
CDL15_Pgr015696	23802	15432	44323
CDL15_Pgr015725	22.75	24.65	27.94
CDL15_Pgr015737	12844	27120	14763
CDL15_Pgr015764	30773	26085	14550
CDL15_Pgr015770	246.24	277.24	351.53
CDL15_Pgr015771	15.33	17.33	19.40
CDL15_Pgr015780	20941	44774	30590
CDL15_Pgr015803	20.97	59.52	94.94
CDL15_Pgr015848	110.51	115.44	125.81
CDL15_Pgr015851	47178	33298	22007
CDL15_Pgr015859	65.67	91.39	171.08
CDL15_Pgr015861	45.07	51.88	69.75
CDL15_Pgr015908	41852	44470	17.29
CDL15_Pgr015910	0.66	44295	30.87

CDL15_Pgr015913	44256	18660	18749
CDL15_Pgr015973	0	0.73	25934
CDL15_Pgr015988	44222	27.92	32.44
CDL15_Pgr015993	29281	15493	44417
CDL15_Pgr016009	0.05	44317	17199
CDL15_Pgr016028	13302	34943	15.57
CDL15_Pgr016039	31444	44319	11749
CDL15_Pgr016054	17930	31747	25.55
CDL15_Pgr016059	0	0.15	0.30
CDL15_Pgr016064	16377	14.35	20.55
CDL15_Pgr016105	44487	20.17	24.16
CDL15_Pgr016106	36465	44330	19.41
CDL15_Pgr016118	0.59	0.84	15342
CDL15_Pgr016121	35704	15676	16.44
CDL15_Pgr016139	95.72	166.18	243.04
CDL15_Pgr016143	18.48	22.86	28.74
CDL15_Pgr016155	0	0.68	20821
CDL15_Pgr016173	150.53	155.50	161.27
CDL15_Pgr016186	34151	14.38	21.19
CDL15_Pgr016191	23102	30895	13.19
CDL15_Pgr016224	43191	31138	28976
CDL15_Pgr016229	29403	9.00	44510
CDL15_Pgr016234	12601	44206	14.43
CDL15_Pgr016240	14215	14.15	17.94
CDL15_Pgr016250	0	0.09	0.23
CDL15_Pgr016291	0	0.12	0.51
CDL15_Pgr016302	0	0.34	0.94
CDL15_Pgr016317	23.63	24.90	44556
CDL15_Pgr016320	0	0.23	0.56
CDL15_Pgr016358	0	0.07	0.14
CDL15_Pgr016381	199.03	234.21	294.82
CDL15_Pgr016419	14.00	16.51	20.87
CDL15_Pgr016429	44288	41456	13.26
CDL15_Pgr016452	44475	34851	11567
CDL15_Pgr016463	79.66	90.46	119.78

CDL15_Pgr016472	0	0.07	0.28
CDL15_Pgr016534	14793	23590	44207
CDL15_Pgr016545	0.40	0.76	44927
CDL15_Pgr016550	24.26	33.07	47.40
CDL15_Pgr016578	20911	44384	22555
CDL15_Pgr016586	24108	26359	44541
CDL15_Pgr016594	0	44378	28611
CDL15_Pgr016610	44379	43647	30286
CDL15_Pgr016638	26999	14.84	44366
CDL15_Pgr016643	0	0.28	44197
CDL15_Pgr016644	36.84	40.27	44.65
CDL15_Pgr016659	0	0.26	0.54
CDL15_Pgr016685	0	19725	13210
CDL15_Pgr016686	0.45	44472	26085
CDL15_Pgr016688	0.45	26696	44713
CDL15_Pgr016700	169.61	931.09	3564.18
CDL15_Pgr016701	26024	44275	65.67
CDL15_Pgr016705	0.21	0.41	44409
CDL15_Pgr016710	44295	20424	19.58
CDL15_Pgr016722	46753	46419	20607
CDL15_Pgr016760	33329	35551	12966
CDL15_Pgr016763	0.33	0.57	44197
CDL15_Pgr016766	0.33	0.55	44348
CDL15_Pgr016770	43952	33025	36404
CDL15_Pgr016792	0.18	41699	12571
CDL15_Pgr016805	42736	44289	35916
CDL15_Pgr016823	36251	44261	18080
CDL15_Pgr016861	0	0.18	0.46
CDL15_Pgr016873	43525	27454	21671
CDL15_Pgr016921	0	0.14	0.30
CDL15_Pgr016953	0.28	0.36	0.48
CDL15_Pgr016960	66.96	74.74	81.86
CDL15_Pgr016966	46508	14093	26268
CDL15_Pgr016968	35796	35855	34121
CDL15_Pgr016973	20607	18.93	30.40

CDL15_Pgr016975	0.13	0.46	23377
CDL15_Pgr016978	44236	41974	44524
CDL15_Pgr016979	13575	19146	36069
CDL15_Pgr016985	0.25	0.48	12420
CDL15_Pgr017013	16.23	25.54	47.48
CDL15_Pgr017022	0	0.11	0.23
CDL15_Pgr017031	0.33	41275	32540
CDL15_Pgr017035	77.54	84.73	97.82
CDL15_Pgr017049	0	0.14	0.42
CDL15_Pgr017080	0	0.07	0.15
CDL15_Pgr017121	14246	43132	11780
CDL15_Pgr017131	28399	14.38	17.71
CDL15_Pgr017134	19633	14.60	19.81
CDL15_Pgr017141	13881	27395	23408
CDL15_Pgr017164	70.82	126.46	188.15
CDL15_Pgr017173	92.68	99.79	110.96
CDL15_Pgr017179	25263	42461	31503
CDL15_Pgr017187	0	10959	35096
CDL15_Pgr017193	30956	25903	14.83
CDL15_Pgr017236	14732	44233	44384
CDL15_Pgr017300	0	0.05	0.12
CDL15_Pgr017304	35004	44452	14.63
CDL15_Pgr017310	0	12114	18872
CDL15_Pgr017381	0.35	0.56	44378
CDL15_Pgr017396	25965	25993	17654
CDL15_Pgr017431	0.89	34700	28946
CDL15_Pgr017515	33178	13.60	18.20
CDL15_Pgr017520	0	30133	27.37
CDL15_Pgr017560	44271	53.23	88.02
CDL15_Pgr017561	21.81	24.69	44499
CDL15_Pgr017565	141.01	297.99	469.98
CDL15_Pgr017570	44255	30.65	35.94
CDL15_Pgr017597	26.28	50.65	77.25
CDL15_Pgr017606	0	10959	20515
CDL15_Pgr017610	41275	31778	44986

CDL15_Pgr017660	20.23	39.75	58.74
CDL15_Pgr017686	0.02	0.07	0.17
CDL15_Pgr017707	13850	15.55	21.30
CDL15_Pgr017726	47.36	60.07	103.14
CDL15_Pgr017731	0.61	41275	15373
CDL15_Pgr017737	74.81	88.72	103.14
CDL15_Pgr017785	73.27	89.79	120.43
CDL15_Pgr017799	0.67	0.77	43831
CDL15_Pgr017800	0	0.12	0.26
CDL15_Pgr017830	40.12	41.12	44.93
CDL15_Pgr017861	44292	15523	44418
CDL15_Pgr017863	45627	14.30	21.59
CDL15_Pgr017866	44.82	70.96	109.41
CDL15_Pgr017869	41275	21245	30468
CDL15_Pgr017875	44198	15008	44986
CDL15_Pgr017890	21.90	66.59	206.83
CDL15_Pgr017899	17777	25842	13.34
CDL15_Pgr017903	43101	44349	18354
CDL15_Pgr017920	0	0.11	0.35
CDL15_Pgr017941	95.94	110.61	127.56
CDL15_Pgr017954	19.14	38.59	61.49
CDL15_Pgr017958	26299	43922	26573
CDL15_Pgr017975	31625	32387	27334
CDL15_Pgr017980	42767	16163	36039
CDL15_Pgr017990	0.41	43101	44349
CDL15_Pgr018015	0	0.11	0.33
CDL15_Pgr018023	44473	12601	18.84
CDL15_Pgr018049	29952	13575	23163
CDL15_Pgr018065	44228	22313	31107
CDL15_Pgr018070	20.22	20.53	44307
CDL15_Pgr018073	24473	29952	42401
CDL15_Pgr018088	107.12	125.26	156.70
CDL15_Pgr018099	0	0.09	0.18
CDL15_Pgr018108	47209	30042	33025
CDL15_Pgr018156	500.04	687.41	877.66

CDL15_Pgr018161	64.24	73.23	98.73
CDL15_Pgr018168	18.64	51.33	126.32
CDL15_Pgr018184	31079	42461	27181
CDL15_Pgr018185	43191	42675	19.00
CDL15_Pgr018211	11963	41579	46722
CDL15_Pgr018233	31656	32813	14.71
CDL15_Pgr018279	171.33	191.94	246.18
CDL15_Pgr018293	63.84	70.15	92.18
CDL15_Pgr018297	42278	34973	46357
CDL15_Pgr018299	0.41	0.73	41275
CDL15_Pgr018307	0.34	44197	11720
CDL15_Pgr018326	35551	22463	11263
CDL15_Pgr018335	39.02	40.39	45.75
CDL15_Pgr018341	23377	13940	17319
CDL15_Pgr018394	140.16	239.12	404.63
CDL15_Pgr018448	40.16	41.86	45.76
CDL15_Pgr018477	83.97	131.25	178.15
CDL15_Pgr018485	30590	20.40	29.88
CDL15_Pgr018491	25204	15008	27454
CDL15_Pgr018525	15.93	21.97	33.07
CDL15_Pgr018528	19511	42614	13.76
CDL15_Pgr018532	42552	44409	25112
CDL15_Pgr018538	44451	15.48	22.97
CDL15_Pgr018549	43497	26724	13759
CDL15_Pgr018553	60.64	149.22	461.60
CDL15_Pgr018575	11749	45383	46569
CDL15_Pgr018583	0	0.28	0.59
CDL15_Pgr018584	15311	13.91	17.80
CDL15_Pgr018586	49.86	51.29	53.02
CDL15_Pgr018592	20210	23529	13028
CDL15_Pgr018597	43313	18872	13.33
CDL15_Pgr018598	17.52	22.65	28.74
CDL15_Pgr018599	46.55	56.47	66.48
CDL15_Pgr018615	21.57	25.86	29.85
CDL15_Pgr018656	88.58	103.30	139.15

CDL15_Pgr018687	22706	20.67	83.17
CDL15_Pgr018709	30987	29556	15.35
CDL15_Pgr018721	133.76	143.38	169.01
CDL15_Pgr018746	31898	45566	17.65
CDL15_Pgr018748	44383	43252	18415
CDL15_Pgr018766	58.52	70.72	92.36
CDL15_Pgr018774	82.70	95.86	139.15
CDL15_Pgr018820	19.46	44500	42.26
CDL15_Pgr018852	0.17	0.34	0.70
CDL15_Pgr018855	25263	44682	14458
CDL15_Pgr018864	24167	13.49	44.02
CDL15_Pgr018866	16984	25447	44544
CDL15_Pgr018898	19756	27454	33359
CDL15_Pgr018906	0	0.30	0.70
CDL15_Pgr018937	13940	23468	24624
CDL15_Pgr018954	0.43	16072	44290
CDL15_Pgr018955	24869	46844	34121
CDL15_Pgr018975	73.85	75.78	82.13
CDL15_Pgr019008	0.36	44440	28157
CDL15_Pgr019015	25477	35.05	93.53
CDL15_Pgr019016	0.86	44593	28277
CDL15_Pgr019022	0.06	0.17	0.41
CDL15_Pgr019027	17137	13.75	15.55
CDL15_Pgr019036	20576	36039	14.13
CDL15_Pgr019057	42401	17564	45717
CDL15_Pgr019058	35796	41671	25600
CDL15_Pgr019075	56.42	68.88	92.01
CDL15_Pgr019077	372.72	414.56	458.64
CDL15_Pgr019087	18.68	22.51	29.81
CDL15_Pgr019092	29312	44273	44560
CDL15_Pgr019095	23986	27729	17.33
CDL15_Pgr019097	25842	14185	13.65
CDL15_Pgr019188	25659	44202	13759
CDL15_Pgr019189	0	0.06	0.25
CDL15_Pgr019203	44538	19329	19.45

CDL15_Pgr019207	20.76	21.00	21.23
CDL15_Pgr019211	44.35	47.87	54.09
CDL15_Pgr019221	0	0.95	44319
CDL15_Pgr019223	13089	26.41	43.15
CDL15_Pgr019234	52.48	88.79	136.23
CDL15_Pgr019261	28.36	41.63	65.37
CDL15_Pgr019322	14.54	16.30	18.00
CDL15_Pgr019330	164.86	190.42	214.11
CDL15_Pgr019331	0.08	0.23	0.78
CDL15_Pgr019368	44271	18.30	27.74
CDL15_Pgr019398	31079	43891	23437
CDL15_Pgr019400	0.89	19845	13.24
CDL15_Pgr019402	22129	17411	22920
CDL15_Pgr019406	16.87	24.44	35.20
CDL15_Pgr019423	44443	11780	44444
CDL15_Pgr019424	24624	15.78	24.89
CDL15_Pgr019436	13424	15.27	21.64
CDL15_Pgr019465	42.10	100.92	236.32
CDL15_Pgr019494	0	0.17	0.55
CDL15_Pgr019499	63.63	65.16	70.76
CDL15_Pgr019500	44509	18.85	29.78
CDL15_Pgr019504	18.24	23.16	29.78
CDL15_Pgr019516	0	0.38	0.83
CDL15_Pgr019546	0	0.13	0.55
CDL15_Pgr019547	15.42	21.70	27.60
CDL15_Pgr019552	44378	13516	44318
CDL15_Pgr019582	0.75	0.91	18264
CDL15_Pgr019595	0	0.11	0.23
CDL15_Pgr019597	100.57	114.60	136.17
CDL15_Pgr019599	0	0.06	0.12
CDL15_Pgr019601	0	0.10	0.21
CDL15_Pgr019602	0.10	0.21	0.70
CDL15_Pgr019606	0.10	0.15	0.28
CDL15_Pgr019645	44417	24.36	64.85
CDL15_Pgr019684	0	0.12	0.38

CDL15_Pgr019688	95.98	270.63	433.38
CDL15_Pgr019693	13.52	25.92	38.43
CDL15_Pgr019709	32.16	51.85	81.82
CDL15_Pgr019714	19.74	43.63	69.41
CDL15_Pgr019715	39.16	68.66	119.36
CDL15_Pgr019734	16132	34029	33725
CDL15_Pgr019752	16072	16469	21641
CDL15_Pgr019753	25.17	108.06	220.26
CDL15_Pgr019794	19.43	44523	28.44
CDL15_Pgr019798	12571	31260	12389
CDL15_Pgr019799	0.84	31594	15.17
CDL15_Pgr019801	23.65	24.59	28.71
CDL15_Pgr019826	0	0.76	3.00
CDL15_Pgr019920	44387	32782	13.43
CDL15_Pgr019941	13.81	17.87	44552
CDL15_Pgr019975	37.92	43.44	49.74
CDL15_Pgr019982	36.88	39.31	45.28
CDL15_Pgr019984	15373	12875	15858
CDL15_Pgr020020	27.36	44408	38.72
CDL15_Pgr020029	0.53	46753	11720
CDL15_Pgr020062	25873	13.38	18.69
CDL15_Pgr020110	54.87	66.93	97.00
CDL15_Pgr020125	22647	43497	46447
CDL15_Pgr020128	34547	30256	14.52
CDL15_Pgr020131	0	0.14	0.29
CDL15_Pgr020135	44475	29160	23.21
CDL15_Pgr020144	26.42	30.92	40.05
CDL15_Pgr020188	27546	29007	35217
CDL15_Pgr020209	18264	46054	44503
CDL15_Pgr020227	113.27	163.11	220.25
CDL15_Pgr020231	42461	27851	18780
CDL15_Pgr020247	0.16	0.23	0.45
CDL15_Pgr020263	15554	44166	18.85
CDL15_Pgr020274	0	0.17	0.46
CDL15_Pgr020283	11841	44774	25842

CDL15_Pgr020284	81.63	98.92	118.17
CDL15_Pgr020353	13.97	44212	18.79
CDL15_Pgr020366	38.34	46.69	58.56
CDL15_Pgr020377	54.37	68.23	107.41
CDL15_Pgr020386	17349	18933	44546
CDL15_Pgr020396	23.85	33.99	49.32
CDL15_Pgr020399	169.07	198.37	252.56
CDL15_Pgr020406	18019	41791	24654
CDL15_Pgr020416	0.51	24473	15067
CDL15_Pgr020420	30376	47239	44384
CDL15_Pgr020442	20029	21520	16.64
CDL15_Pgr020454	30103	12632	12693
CDL15_Pgr020469	26938	29.82	47.22
CDL15_Pgr020488	18.22	21.34	32.97
CDL15_Pgr020513	44442	12510	31199
CDL15_Pgr020514	39.70	42.40	49.93
CDL15_Pgr020516	43160	12510	19541
CDL15_Pgr020542	41.93	45.30	49.55
CDL15_Pgr020548	21885	16.65	23.54
CDL15_Pgr020549	17.53	29.56	43.08
CDL15_Pgr020561	77.33	120.41	164.92
CDL15_Pgr020562	23833	28.18	50.44
CDL15_Pgr020613	0	0.27	0.58
CDL15_Pgr020644	32234	18749	29373
CDL15_Pgr020753	31837	43191	21641
CDL15_Pgr020761	34.25	280.22	1245.59
CDL15_Pgr020829	27791	26512	28.66
CDL15_Pgr020885	13.91	18.38	34.88
CDL15_Pgr020913	16923	44414	44774
CDL15_Pgr020926	28856	44288	34001
CDL15_Pgr020928	0.46	0.54	0.86
CDL15_Pgr020952	0.80	11414	24746
CDL15_Pgr020970	31321	28.75	56.17
CDL15_Pgr021006	25.18	44284	35.38
CDL15_Pgr021021	61.21	63.76	72.38

CDL15_Pgr021027	0	0.30	0.78
CDL15_Pgr021037	0.14	0.90	28522
CDL15_Pgr021040	0	0.63	20090
CDL15_Pgr021056	0	0.59	23377
CDL15_Pgr021129	804.84	944.12	1134.09
CDL15_Pgr021156	32.10	55.22	104.44
CDL15_Pgr021159	46235	25112	14.77
CDL15_Pgr021234	0.18	0.25	0.54
CDL15_Pgr021244	33270	44256	26724
CDL15_Pgr021250	13971	33025	31656
CDL15_Pgr021257	13150	16072	23012
CDL15_Pgr021275	0.50	12055	44533
CDL15_Pgr021284	35400	18.51	37.71
CDL15_Pgr021294	11505	18.80	37.81
CDL15_Pgr021296	44381	11780	23468
CDL15_Pgr021320	0	0.17	0.83
CDL15_Pgr021381	18568	31717	13.24
CDL15_Pgr021388	0.56	0.81	16072
CDL15_Pgr021424	0.90	25204	28522
CDL15_Pgr021455	31837	34455	14885
CDL15_Pgr021459	0.73	44257	16862
CDL15_Pgr021467	0	0.63	18994
CDL15_Pgr021477	0	0.20	0.41
CDL15_Pgr021479	57.00	80.10	113.13
CDL15_Pgr021480	36.16	40.91	58.56
CDL15_Pgr021484	31.30	37.00	42.74
CDL15_Pgr021503	116.63	145.32	205.46
CDL15_Pgr021508	35977	45962	14.52
CDL15_Pgr021510	27.46	37.69	53.40
CDL15_Pgr021517	0.13	0.60	22282
CDL15_Pgr021526	20210	36312	26908
CDL15_Pgr021530	45.85	59.31	73.22
CDL15_Pgr021534	1452.18	1586.84	1745.87
CDL15_Pgr021535	0	0.20	0.41
CDL15_Pgr021547	44317	23863	15980

CDL15_Pgr021551	15.90	22.90	30.32
CDL15_Pgr021561	14.62	14.96	15.48
CDL15_Pgr021562	52.27	62.72	105.29
CDL15_Pgr021570	0.08	0.12	0.24
CDL15_Pgr021571	0.86	43101	26665
CDL15_Pgr021574	13150	23743	46054
CDL15_Pgr021584	34516	11202	44359
CDL15_Pgr021590	17.66	19.36	44463
CDL15_Pgr021616	0	0.05	0.18
CDL15_Pgr021619	21.21	23.27	44224
CDL15_Pgr021622	205.57	226.49	252.20
CDL15_Pgr021632	22.66	27.21	34.04
CDL15_Pgr021644	44621	13636	24289
CDL15_Pgr021672	50.88	252.38	635.65
CDL15_Pgr021674	6.00	44274	39.48
CDL15_Pgr021675	44378	44197	27760
CDL15_Pgr021687	21641	36281	27211
CDL15_Pgr021690	35096	11049	12571
CDL15_Pgr021711	65.18	71.72	85.81
CDL15_Pgr021717	19.93	51.71	134.08
CDL15_Pgr021731	0	0.66	19360
CDL15_Pgr021734	44280	44316	45.99
CDL15_Pgr021769	15.67	17.63	19.72
CDL15_Pgr021799	0.09	0.19	0.31
CDL15_Pgr021801	46357	17.51	27.74
CDL15_Pgr021806	15.36	22.46	29.39
CDL15_Pgr021873	0.05	32629	17.76
CDL15_Pgr021894	44532	12816	13210
CDL15_Pgr021903	0.12	0.28	0.66
CDL15_Pgr021906	28.26	31.77	43.23
CDL15_Pgr021910	28157	46813	21276
CDL15_Pgr021919	68.52	70.33	75.95
CDL15_Pgr021922	25.70	28.15	30.88
CDL15_Pgr021923	47209	41760	43983
CDL15_Pgr021938	21245	42826	20941

CDL15_Pgr022001	23437	46113	44201
CDL15_Pgr022021	0	0.42	44562
CDL15_Pgr022067	19.88	20.81	23.53
CDL15_Pgr022091	11324	27760	44380
CDL15_Pgr022118	200.74	216.66	271.57
CDL15_Pgr022123	44289	35582	13.97
CDL15_Pgr022125	26.69	45.81	71.77
CDL15_Pgr022167	35431	11355	23071
CDL15_Pgr022173	14093	26512	42979
CDL15_Pgr022185	26.48	44560	33.81
CDL15_Pgr022220	28216	43586	44202
CDL15_Pgr022235	0.23	0.92	20090
CDL15_Pgr022250	16.00	21.71	28.98
CDL15_Pgr022259	29312	43070	20.50
CDL15_Pgr022337	0	0.05	0.11
CDL15_Pgr022341	0.20	0.60	46023
CDL15_Pgr022404	0.12	0.41	0.96
CDL15_Pgr022415	0.25	0.32	0.53
CDL15_Pgr022436	41699	15766	4.00
CDL15_Pgr022437	14062	19603	14.79
CDL15_Pgr022444	28764	16.25	23.88
CDL15_Pgr022446	46784	15766	20271
CDL15_Pgr022480	13119	13.56	16.69
CDL15_Pgr022483	21276	21702	13.62
CDL15_Pgr022493	0.15	16803	16558
CDL15_Pgr022525	46327	14.81	21.83
CDL15_Pgr022527	88.10	108.68	134.12
CDL15_Pgr022534	44420	14.44	20.78
CDL15_Pgr022537	0	0.06	0.20
CDL15_Pgr022541	17.20	18.15	21.95
CDL15_Pgr022582	224.60	243.65	286.92
CDL15_Pgr022584	0.04	0.35	14611
CDL15_Pgr022599	80.46	85.98	107.57
CDL15_Pgr022603	0	0.12	0.36
CDL15_Pgr022625	22798	18142	44243

CDL15_Pgr022641	27242	31990	44440
CDL15_Pgr022652	15373	42064	34820
CDL15_Pgr022654	0.40	0.66	44256
CDL15_Pgr022669	45.56	54.05	66.82
CDL15_Pgr022678	25385	34151	26146
CDL15_Pgr022689	46784	29.69	55.39
CDL15_Pgr022696	44256	44200	31594
CDL15_Pgr022712	0.31	0.46	44378
CDL15_Pgr022722	46.47	81.40	115.04
CDL15_Pgr022730	0.46	41699	28642
CDL15_Pgr022739	40.17	42.35	47.57
CDL15_Pgr022751	0	44287	16558
CDL15_Pgr022752	0	16803	34455
CDL15_Pgr022758	85.35	144.09	293.98
CDL15_Pgr022778	4.00	42614	19.54
CDL15_Pgr022779	57.50	93.47	128.47
CDL15_Pgr022804	0	0.32	25204
CDL15_Pgr022829	16.68	17.78	22.58
CDL15_Pgr022842	22920	44362	44250
CDL15_Pgr022847	43221	42186	12328
CDL15_Pgr022858	44254	31.55	36.09
CDL15_Pgr022868	15980	15.36	27.64
CDL15_Pgr022885	21.87	24.84	29.29
CDL15_Pgr022895	46.23	111.41	201.68
CDL15_Pgr022898	0	0.74	15707
CDL15_Pgr022915	31533	44263	44268
CDL15_Pgr022921	19360	23743	29221
CDL15_Pgr022936	46266	44279	64.29
CDL15_Pgr022941	88.41	98.31	122.55
CDL15_Pgr022945	39.38	88.88	240.25
CDL15_Pgr022950	0	0.10	0.25
CDL15_Pgr022952	44531	2.00	29312
CDL15_Pgr022959	41579	14.50	19.76
CDL15_Pgr022966	0	0.08	0.16
CDL15_Pgr022993	13.19	16.75	20.25

CDL15_Pgr023006	0.84	19360	30713
CDL15_Pgr023009	45566	22.52	37.33
CDL15_Pgr023010	68.74	97.83	129.24
CDL15_Pgr023020	18.88	44461	28.99
CDL15_Pgr023021	0	0.21	0.87
CDL15_Pgr023039	99.17	121.24	146.05
CDL15_Pgr023040	27.40	36.64	45.53
CDL15_Pgr023042	44546	70.51	208.92
CDL15_Pgr023048	26846	34578	18963
CDL15_Pgr023057	0	0.99	20486
CDL15_Pgr023065	0	0.18	0.38
CDL15_Pgr023071	15.24	23.38	35.20
CDL15_Pgr023078	13.42	26.49	38.43
CDL15_Pgr023116	34.35	44.21	63.09
CDL15_Pgr023142	44453	19.97	28.46
CDL15_Pgr023166	15493	25720	15158
CDL15_Pgr023174	44203	26.28	60.78
CDL15_Pgr023175	18841	33482	13.42
CDL15_Pgr023194	46.57	58.50	78.83
CDL15_Pgr023203	25.85	44.79	68.07
CDL15_Pgr023248	35765	18.77	44558
CDL15_Pgr023249	44927	44257	45352
CDL15_Pgr023259	33298	35186	42614
CDL15_Pgr023369	17199	44380	22737
CDL15_Pgr023396	76.75	134.18	216.49
CDL15_Pgr023404	0	0.30	23012
CDL15_Pgr023502	45717	15036	31837
CDL15_Pgr023517	63.20	86.23	118.79
CDL15_Pgr023523	44380	45352	33664
CDL15_Pgr023550	15.93	18.70	21.42
CDL15_Pgr023561	42064	15523	44425
CDL15_Pgr023616	44322	44501	21.97
CDL15_Pgr023620	48.34	53.10	66.46
CDL15_Pgr023624	15827	33025	12997
CDL15_Pgr023626	136.73	165.90	202.79

CDL15_Pgr023629	17.73	22.78	40.29
CDL15_Pgr023653	140.88	144.22	152.81
CDL15_Pgr023656	44383	27912	44235
CDL15_Pgr023678	27.36	32.49	51.83
CDL15_Pgr023683	31168	20424	44311
CDL15_Pgr023696	0.63	26330	18172
CDL15_Pgr023699	44197	22.81	60.57
CDL15_Pgr023754	13.98	18.46	22.98
CDL15_Pgr023758	18.57	24.72	33.13
CDL15_Pgr023761	20090	44505	33543
CDL15_Pgr023780	0.35	0.43	0.66
CDL15_Pgr023802	0	0.34	0.74
CDL15_Pgr023829	31868	13119	22.79
CDL15_Pgr023879	39.15	62.83	99.32
CDL15_Pgr023887	0.09	0.85	44958
CDL15_Pgr023888	1.00	31778	44289
CDL15_Pgr023889	16.38	19.43	23.33
CDL15_Pgr023914	56.33	61.35	77.02
CDL15_Pgr023922	42156	21064	14.87
CDL15_Pgr023923	12206	19207	36130
CDL15_Pgr023928	24228	46539	26146
CDL15_Pgr023940	36.19	38.96	48.71
CDL15_Pgr023942	13241	22433	23346
CDL15_Pgr023947	44364	17.86	20.42
CDL15_Pgr024041	44299	14.34	44333
CDL15_Pgr024072	0.17	0.38	43101
CDL15_Pgr024074	30682	44986	11444
CDL15_Pgr024100	20210	12206	44507
CDL15_Pgr024117	20821	31929	44551
CDL15_Pgr024119	47.72	90.46	134.95
CDL15_Pgr024125	42.12	53.61	69.58
CDL15_Pgr024151	13912	20880	42948
CDL15_Pgr024159	28581	44383	28430
CDL15_Pgr024163	14.59	18.52	22.43
CDL15_Pgr024166	38.15	46.76	59.64

CDL15_Pgr024170	0	0.23	0.63
CDL15_Pgr024182	31.69	34.59	43.91
CDL15_Pgr024187	0.55	0.74	0.95
CDL15_Pgr024201	20.00	29.64	40.45
CDL15_Pgr024207	45108	24685	28795
CDL15_Pgr024242	291.89	313.17	332.72
CDL15_Pgr024244	291.89	313.17	332.72
CDL15_Pgr024258	0.51	41730	9.00
CDL15_Pgr024261	12601	35278	13089
CDL15_Pgr024266	97.27	103.03	118.64
CDL15_Pgr024288	17899	23774	45017
CDL15_Pgr024293	13241	44510	16.58
CDL15_Pgr024296	0.31	44470	14336
CDL15_Pgr024301	57.20	82.90	121.19
CDL15_Pgr024314	44501	23.27	47.42
CDL15_Pgr024323	39.57	42.53	49.98
CDL15_Pgr024327	28946	42186	11263
CDL15_Pgr024333	25720	31656	14.95
CDL15_Pgr024334	44381	31868	22037
CDL15_Pgr024340	48.17	75.87	111.20
CDL15_Pgr024347	187.29	195.56	214.17
CDL15_Pgr024353	44300	16.53	19.44
CDL15_Pgr024354	11475	35947	13394
CDL15_Pgr024358	0	0.40	0.95
CDL15_Pgr024377	45.90	47.00	49.59
CDL15_Pgr024398	15676	44345	68.76
CDL15_Pgr024408	0.20	43101	44532
CDL15_Pgr024421	0	0.25	0.62
CDL15_Pgr024433	34912	33.26	63.43
CDL15_Pgr024438	0	0.25	44287
CDL15_Pgr024444	46631	47392	14.87
CDL15_Pgr024455	30256	14.72	19.63
CDL15_Pgr024518	0.24	0.29	0.44
CDL15_Pgr024527	0	0.57	25965
CDL15_Pgr024531	81.74	168.03	282.43

CDL15_Pgr024545	0	0.14	0.31
CDL15_Pgr024549	17.19	20.61	24.62
CDL15_Pgr024554	11628	16.60	44277
CDL15_Pgr024669	11902	23316	15.34
CDL15_Pgr024678	0	0.05	0.19
CDL15_Pgr024681	44287	23377	44228
CDL15_Pgr024693	13.29	13.95	16.40
CDL15_Pgr024700	0	18264	44445
CDL15_Pgr024702	28246	46722	21.41
CDL15_Pgr024738	52.80	54.77	58.41
CDL15_Pgr024762	0	0.16	0.68
CDL15_Pgr024778	26.56	29.83	35.80
CDL15_Pgr024856	28460	15.00	44364
CDL15_Pgr024901	18841	26543	36465
CDL15_Pgr024902	0.19	0.31	0.82
CDL15_Pgr024911	34304	16.75	20.81
CDL15_Pgr024917	45901	18172	35004
CDL15_Pgr024954	34731	21976	25659
CDL15_Pgr024961	43.63	62.81	84.02
CDL15_Pgr024967	33.91	61.07	156.38
CDL15_Pgr024968	171.37	325.45	726.06
CDL15_Pgr024992	51.42	69.28	123.39
CDL15_Pgr024995	0.44	18660	42522
CDL15_Pgr025026	16742	35034	44332
CDL15_Pgr025047	44446	44204	18142
CDL15_Pgr025052	17107	14.38	19.25
CDL15_Pgr025053	44986	18.38	41.59
CDL15_Pgr025060	20149	26755	44506
CDL15_Pgr025070	42.01	60.63	86.33
CDL15_Pgr025076	143.35	159.46	198.63
CDL15_Pgr025122	30713	41699	35855
CDL15_Pgr025135	24412	47.61	92.44
CDL15_Pgr025164	0.96	24563	29556
CDL15_Pgr025165	24.22	55.90	108.47
CDL15_Pgr025167	16.16	44364	19.19

CDL15_Pgr025171	33.66	34.97	39.56
CDL15_Pgr025183	0	0.54	44562
CDL15_Pgr025195	0	0.21	0.50
CDL15_Pgr025201	0	0.26	12055
CDL15_Pgr025205	26.79	27.78	30.93
CDL15_Pgr025249	19.37	20.45	21.58
CDL15_Pgr025279	328.21	489.31	899.27
CDL15_Pgr025281	42.51	47.79	68.65
CDL15_Pgr025287	42856	26846	45931
CDL15_Pgr025304	15.43	20.43	31.29
CDL15_Pgr025326	48.98	57.35	74.26
CDL15_Pgr025328	0	0.19	0.39
CDL15_Pgr025344	20852	46143	14.41
CDL15_Pgr025347	43922	13971	44321
CDL15_Pgr025386	13210	21.98	54.53
CDL15_Pgr025397	28157	17989	34121
CDL15_Pgr025398	44256	26481	25903
CDL15_Pgr025402	44410	18660	41730
CDL15_Pgr025438	42675	31382	44423
CDL15_Pgr025445	30.86	41.24	66.92
CDL15_Pgr025467	43252	22463	13028
CDL15_Pgr025472	16893	22037	15888
CDL15_Pgr025481	28522	30834	19.98
CDL15_Pgr025483	32.77	48.38	64.36
CDL15_Pgr025489	28550	46478	11810
CDL15_Pgr025525	44533	45778	44324
CDL15_Pgr025526	15.73	20.65	26.77
CDL15_Pgr025531	24.74	28.13	38.21
CDL15_Pgr025534	0.06	0.25	0.77
CDL15_Pgr025540	29434	27.93	49.83
CDL15_Pgr025559	64.43	86.87	147.24
CDL15_Pgr025576	34.64	36.57	40.64
CDL15_Pgr025588	28491	19784	19207
CDL15_Pgr025596	44269	24.40	41.08
CDL15_Pgr025601	45108	34973	25.27

CDL15_Pgr025608	22.87	29.65	36.01
CDL15_Pgr025621	15523	21125	15.75
CDL15_Pgr025626	0	0.60	21916
CDL15_Pgr025629	35796	46419	44256
CDL15_Pgr025634	18994	20911	16.43
CDL15_Pgr025647	168.54	250.30	326.90
CDL15_Pgr025652	33147	13850	17.70
CDL15_Pgr025691	24.59	25.45	28.13
CDL15_Pgr025710	13881	47178	16589
CDL15_Pgr025717	22007	44321	23529
CDL15_Pgr025734	44271	25.52	40.70
CDL15_Pgr025740	0.95	21217	26146
CDL15_Pgr025744	44353	44234	44355
CDL15_Pgr025750	25112	27334	14.83
CDL15_Pgr025763	87.97	100.60	155.40
CDL15_Pgr025781	0	0.35	44501
CDL15_Pgr025797	197.89	221.62	246.96
CDL15_Pgr025799	0.92	12267	44488
CDL15_Pgr025813	33970	13547	43160
CDL15_Pgr025823	144.58	203.09	270.80
CDL15_Pgr025824	40.42	52.95	66.81
CDL15_Pgr025825	36.66	38.84	48.21
CDL15_Pgr025831	143.08	577.75	1001.33
CDL15_Pgr025840	0	0.40	47119
CDL15_Pgr025864	0	0.08	0.17
CDL15_Pgr025880	71.39	186.44	307.70
CDL15_Pgr025881	21.30	38.44	70.47
CDL15_Pgr025886	0	0.16	0.39
CDL15_Pgr025919	11079	25750	20394
CDL15_Pgr025929	44228	43922	14.93
CDL15_Pgr025951	15.94	32.87	51.47
CDL15_Pgr025964	0	0.72	20090
CDL15_Pgr025969	3.00	42826	19845
CDL15_Pgr025973	19.35	40.52	74.32
CDL15_Pgr026003	0	0.56	13516

CDL15_Pgr026005	26877	43009	29891
CDL15_Pgr026035	0	0.38	44256
CDL15_Pgr026039	0.20	0.30	0.62
CDL15_Pgr026044	74.38	85.18	104.15
CDL15_Pgr026055	43191	29312	30803
CDL15_Pgr026058	44493	27.97	32.60
CDL15_Pgr026074	17564	24929	44447
CDL15_Pgr026079	239.63	283.01	376.59
CDL15_Pgr026080	17.69	44334	18.39
CDL15_Pgr026114	16954	32660	11140
CDL15_Pgr026244	19.19	23.22	29.68
CDL15_Pgr026349	0.34	18994	43617
CDL15_Pgr026358	44234	42583	31291
CDL15_Pgr026369	150.08	212.67	307.46
CDL15_Pgr026378	21916	44291	44267
CDL15_Pgr026397	0.10	0.39	44317
CDL15_Pgr026416	93.33	100.03	123.34
CDL15_Pgr026446	44532	42036	46054
CDL15_Pgr026485	3.00	44505	15554
CDL15_Pgr026519	55.80	63.43	86.33
CDL15_Pgr026583	13.26	13.40	13.60
CDL15_Pgr026585	44554	44280	26.44
CDL15_Pgr026621	65.41	75.68	90.96
CDL15_Pgr026622	70.23	82.59	98.54
CDL15_Pgr026632	353.77	919.68	1478.87
CDL15_Pgr026636	11355	16772	45.01
CDL15_Pgr026643	0	0.04	0.13
CDL15_Pgr026647	19756	11414	44440
CDL15_Pgr026656	47209	13.92	38.59
CDL15_Pgr026658	11810	44261	45474
CDL15_Pgr026665	0	0.54	44927
CDL15_Pgr026669	16893	18.38	34.06
CDL15_Pgr026671	31.79	52.54	80.43
CDL15_Pgr026674	18264	17.27	45.64
CDL15_Pgr026688	13332	16650	13089

CDL15_Pgr026690	15.45	17.77	23.29
CDL15_Pgr026699	19.70	22.93	44222
CDL15_Pgr026703	16.25	20.82	40.69
CDL15_Pgr026723	0.44	20090	32540
CDL15_Pgr026738	44264	14916	18.68
CDL15_Pgr026751	0.26	17533	35125
CDL15_Pgr026758	0.10	32143	45108
CDL15_Pgr026763	332.38	347.26	366.71
CDL15_Pgr026766	16984	28369	44457
CDL15_Pgr026773	15888	34943	13.99
CDL15_Pgr026776	13881	27820	41609
CDL15_Pgr026779	33970	12086	35462
CDL15_Pgr026786	35125	21671	29129
CDL15_Pgr026807	18323	16954	17.87
CDL15_Pgr026815	0	0.12	0.24
CDL15_Pgr026835	44237	16.61	32.81
CDL15_Pgr026841	23774	43891	11780
CDL15_Pgr026857	17593	44535	30864
CDL15_Pgr026864	63.44	91.35	128.17
CDL15_Pgr026868	0.03	0.13	0.29
CDL15_Pgr026872	26.59	34.03	50.72
CDL15_Pgr026880	28856	30348	35855
CDL15_Pgr026945	1.00	44532	20515
CDL15_Pgr026950	44257	46784	25235
CDL15_Pgr026956	0.03	0.10	0.20
CDL15_Pgr027015	35125	24198	21671
CDL15_Pgr027024	35947	21732	21763
CDL15_Pgr027052	33756	42705	44217
CDL15_Pgr027142	32448	29.15	59.14
CDL15_Pgr027158	0	0.09	0.26
CDL15_Pgr027160	44393	24.73	43.58
CDL15_Pgr027165	131.10	151.14	175.74
CDL15_Pgr027167	34.32	37.98	42.23
CDL15_Pgr027223	0.70	17930	43678
CDL15_Pgr027271	0	0.05	0.22

CDL15_Pgr027278	0	0.21	0.72
CDL15_Pgr027286	181.96	199.05	228.08
CDL15_Pgr027289	120.30	194.11	333.60
CDL15_Pgr027320	44280	28.43	34.19
CDL15_Pgr027456	44447	28703	35674
CDL15_Pgr027466	46235	17.84	28.71
CDL15_Pgr027475	21.39	74.80	183.08
CDL15_Pgr027476	0.13	0.48	41275
CDL15_Pgr027477	278.52	633.80	1080.77
CDL15_Pgr027478	0	41699	15.82
CDL15_Pgr027505	44287	17624	19480
CDL15_Pgr027514	34731	25628	28216
CDL15_Pgr027521	27.47	30.57	38.68
CDL15_Pgr027533	43252	44415	42948
CDL15_Pgr027534	32478	44309	34.12
CDL15_Pgr027544	32.74	62.64	100.68
CDL15_Pgr027556	35339	42339	15.99
CDL15_Pgr027581	43.78	47.32	52.14
CDL15_Pgr027592	33604	44445	29160
CDL15_Pgr027599	0.47	32174	46874
CDL15_Pgr027602	0.56	0.80	43831
CDL15_Pgr027606	0.47	0.61	0.87
CDL15_Pgr027631	0	0.29	0.63
CDL15_Pgr027637	0	0.09	0.18
CDL15_Pgr027642	15.71	18.54	26.55
CDL15_Pgr027648	22647	44349	25993
CDL15_Pgr027655	44805	24381	13.84
CDL15_Pgr027658	0	0.07	0.22
CDL15_Pgr027677	0.49	0.88	28126
CDL15_Pgr027682	82.47	117.12	150.20
CDL15_Pgr027696	44317	32629	17349
CDL15_Pgr027710	0	0.13	0.27
CDL15_Pgr027712	19.89	24.64	32.13
CDL15_Pgr027715	0.05	0.21	0.38
CDL15_Pgr027720	17288	35582	21033

CDL15_Pgr027727	0.74	16834	43191
CDL15_Pgr027734	13150	23377	41671
CDL15_Pgr027735	41.20	46.13	57.56
CDL15_Pgr027738	23743	44379	43891
CDL15_Pgr027741	29099	44388	14.64
CDL15_Pgr027748	11110	19937	44209
CDL15_Pgr027751	52.22	61.32	82.06
CDL15_Pgr027761	0.07	0.40	0.90
CDL15_Pgr027772	38.10	44.06	56.21
CDL15_Pgr027823	34151	35735	29.91
CDL15_Pgr027832	117.79	138.61	172.22
CDL15_Pgr027857	16.56	66.61	145.55
CDL15_Pgr027868	0.85	31321	26.76
CDL15_Pgr027874	13.19	44212	21.59
CDL15_Pgr027876	28157	56.37	113.17
CDL15_Pgr027883	35.67	37.41	39.47
CDL15_Pgr027899	30.14	32.69	43.18
CDL15_Pgr027905	45658	34700	13971
CDL15_Pgr027907	23163	44743	12632
CDL15_Pgr027914	30.79	42.54	54.05
CDL15_Pgr027937	0.41	0.55	0.80
CDL15_Pgr027964	28550	41579	30.67
CDL15_Pgr027967	0.85	14246	42767
CDL15_Pgr028003	17533	31929	17.55
CDL15_Pgr028018	0	0.15	0.31
CDL15_Pgr028031	0.72	0.95	15342
CDL15_Pgr028036	14032	44541	44275
CDL15_Pgr028061	0.66	46447	26146
CDL15_Pgr028066	12298	21490	15.38
CDL15_Pgr028067	74.27	178.61	298.98
CDL15_Pgr028093	30529	16041	44302
CDL15_Pgr028113	819.51	963.82	1154.71
CDL15_Pgr028166	0	0.67	35065
CDL15_Pgr028173	26.50	54.94	109.23
CDL15_Pgr028191	31.20	39.54	48.02

CDL15_Pgr028213	44531	13516	16103
CDL15_Pgr028214	24.18	27.31	31.49
CDL15_Pgr028218	14.74	26.44	46.00
CDL15_Pgr028221	81.27	122.46	161.10
CDL15_Pgr028223	38.85	43.40	53.32
CDL15_Pgr028245	22981	14.20	16.81
CDL15_Pgr028311	0	0.14	0.28
CDL15_Pgr028319	0	0.62	21916
CDL15_Pgr028340	44470	23.47	82.38
CDL15_Pgr028352	30956	12754	16.23
CDL15_Pgr028357	13.75	16.36	22.45
CDL15_Pgr028371	31.22	33.38	37.07
CDL15_Pgr028382	17.74	26.91	36.65
CDL15_Pgr028392	0	0.12	0.28
CDL15_Pgr028411	44217	27.42	34.04
CDL15_Pgr028419	44461	38.62	89.25
CDL15_Pgr028422	34881	41548	14.37
CDL15_Pgr028432	40.27	41.47	43.07
CDL15_Pgr028450	35977	32417	15.68
CDL15_Pgr028459	33086	27303	22251
CDL15_Pgr028465	0.99	46023	22282
CDL15_Pgr028474	31.79	36.40	41.61
CDL15_Pgr028491	39.74	67.74	109.60
CDL15_Pgr028509	20180	11933	25.43
CDL15_Pgr028542	18598	13.52	16.43
CDL15_Pgr028564	27395	17564	42430
CDL15_Pgr028577	0	0.22	0.45
CDL15_Pgr028588	0	0.09	0.27
CDL15_Pgr028598	27150	44416	35704
CDL15_Pgr028640	35490	23833	16193
CDL15_Pgr028645	11871	34516	21064
CDL15_Pgr028649	46054	23774	15401
CDL15_Pgr028650	45809	15493	33390
CDL15_Pgr028666	46813	33298	25659
CDL15_Pgr028672	28277	29738	34486

CDL15_Pgr028689	23.78	27.85	33.45
CDL15_Pgr028691	0	0.08	0.24
CDL15_Pgr028707	46296	23346	44394
CDL15_Pgr028728	76.94	121.84	202.72
CDL15_Pgr028759	43466	18264	22313
CDL15_Pgr028765	23590	44418	13.56
CDL15_Pgr028771	15.93	20.92	28.89
CDL15_Pgr028776	0	0.06	0.17
CDL15_Pgr028811	19299	44361	18.22
CDL15_Pgr028848	26999	14.22	17.48
CDL15_Pgr028857	41.42	60.19	97.07
CDL15_Pgr028861	0.93	25934	46813
CDL15_Pgr028862	0.29	29587	25659
CDL15_Pgr028878	146.22	148.69	151.20
CDL15_Pgr028880	0	0.03	0.10
CDL15_Pgr028897	17.85	19.29	21.93
CDL15_Pgr028903	30.78	45.22	59.17
CDL15_Pgr028909	279.08	306.51	353.53
CDL15_Pgr028937	0	14427	35.73
CDL15_Pgr028940	25659	18476	16.18
CDL15_Pgr028958	0.93	30348	32629
CDL15_Pgr028965	28.29	61.83	121.50
CDL15_Pgr028993	0.41	0.57	44927
CDL15_Pgr029027	196.26	232.88	284.38
CDL15_Pgr029031	23.97	26.74	31.17
CDL15_Pgr029035	0	0.06	0.19
CDL15_Pgr029041	89.59	99.73	112.91
CDL15_Pgr029046	28.21	44407	33.93
CDL15_Pgr029060	23.14	30.15	39.34
CDL15_Pgr029062	0.93	18629	13181
CDL15_Pgr029080	31.25	33.63	37.65
CDL15_Pgr029119	42887	45474	25416
CDL15_Pgr029121	99.84	107.65	119.88
CDL15_Pgr029144	44228	23012	32174
CDL15_Pgr029160	31.27	39.25	49.43

CDL15_Pgr029170	107.53	121.71	147.03
CDL15_Pgr000016	23.34	12389	43.17
CDL15_Pgr000102	25204	0.11	12114
CDL15_Pgr000181	30103	29707	26877
CDL15_Pgr000189	23.84	22.58	24.95
CDL15_Pgr000223	49.54	46.56	52.79
CDL15_Pgr000275	19603	44262	20363
CDL15_Pgr000304	15.82	44514	16.21
CDL15_Pgr000322	41.85	35.65	45.22
CDL15_Pgr000361	13.00	18537	14.54
CDL15_Pgr000374	120.28	107.15	134.50
CDL15_Pgr000452	0.32	0.16	0.45
CDL15_Pgr000456	19.32	44364	20.81
CDL15_Pgr000476	41.70	39.74	46.09
CDL15_Pgr000479	100.53	62.13	146.50
CDL15_Pgr000492	11140	23163	20271
CDL15_Pgr000613	286.70	220.01	435.37
CDL15_Pgr000640	0.35	0	0.48
CDL15_Pgr000655	269.14	197.81	325.92
CDL15_Pgr000698	21.77	20.14	23.87
CDL15_Pgr000707	14.30	32782	18.31
CDL15_Pgr000726	44449	15189	44389
CDL15_Pgr000741	0.13	0	0.34
CDL15_Pgr000746	35.04	27.78	37.46
CDL15_Pgr000760	44292	27515	15128
CDL15_Pgr000767	32813	32721	14.82
CDL15_Pgr000806	34547	43678	44478
CDL15_Pgr000894	0.30	0.12	0.50
CDL15_Pgr000901	44378	0.54	44197
CDL15_Pgr000902	18994	0.77	44228
CDL15_Pgr000918	61.63	44526	116.07
CDL15_Pgr000919	0.53	0.20	0.62
CDL15_Pgr000946	44356	41456	44389
CDL15_Pgr001172	22.80	17.90	24.26
CDL15_Pgr001196	21916	0.95	35462

CDL15_Pgr001204	0.61	0.35	0.99
CDL15_Pgr001314	16407	44325	13.99
CDL15_Pgr001341	90.28	42.66	125.55
CDL15_Pgr001355	15.88	20059	17.66
CDL15_Pgr001380	59.19	48.36	63.05
CDL15_Pgr001390	24.80	21.74	25.56
CDL15_Pgr001413	21551	0.94	41671
CDL15_Pgr001443	27546	27881	44044
CDL15_Pgr001444	26908	44386	46661
CDL15_Pgr001530	50.24	32.09	55.32
CDL15_Pgr001538	18264	0.43	32174
CDL15_Pgr001565	45.09	38.01	46.80
CDL15_Pgr001584	27485	18323	43252
CDL15_Pgr001619	5177.33	3627.50	5702.80
CDL15_Pgr001657	26390	14246	17807
CDL15_Pgr001667	0.33	0	0.52
CDL15_Pgr001691	30103	17654	18080
CDL15_Pgr001694	25.81	44460	30.28
CDL15_Pgr001713	23071	47119	44317
CDL15_Pgr001718	15008	0.80	23802
CDL15_Pgr001727	31472	30348	43252
CDL15_Pgr001735	271.41	261.48	289.04
CDL15_Pgr001838	24.58	20.57	27.58
CDL15_Pgr001842	37.75	21.85	44.75
CDL15_Pgr001858	66.78	61.40	69.43
CDL15_Pgr001875	13820	26908	31017
CDL15_Pgr001881	42552	33359	36008
CDL15_Pgr001884	2976.31	2575.07	3452.35
CDL15_Pgr001889	15585	44263	28004
CDL15_Pgr001901	0.10	0	0.14
CDL15_Pgr001914	42856	23802	44354
CDL15_Pgr001953	89.64	81.26	96.99
CDL15_Pgr001955	46.76	28.54	82.46
CDL15_Pgr001962	0.34	0.14	0.71
CDL15_Pgr001968	33.36	30.13	36.68

CDL15_Pgr002001	17.30	30590	19.79
CDL15_Pgr002045	33270	22678	15766
CDL15_Pgr002050	32.47	24.53	36.27
CDL15_Pgr002054	14093	44652	28825
CDL15_Pgr002056	146.99	136.43	149.13
CDL15_Pgr002093	80.87	58.54	102.48
CDL15_Pgr002094	0.06	0	0.12
CDL15_Pgr002115	35.93	44282	38.23
CDL15_Pgr002143	12055	0.66	14642
CDL15_Pgr002144	0.89	0.84	0.98
CDL15_Pgr002224	23.24	21.58	25.29
CDL15_Pgr002225	44562	0.56	18660
CDL15_Pgr002246	0.42	0.25	0.61
CDL15_Pgr002305	83.18	76.72	92.60
CDL15_Pgr002336	48.64	39.09	58.95
CDL15_Pgr002367	20.51	18.22	22.31
CDL15_Pgr002380	42614	46569	44480
CDL15_Pgr002385	0.71	0.40	44378
CDL15_Pgr002392	28.24	25.42	30.26
CDL15_Pgr002427	75.03	41.51	121.66
CDL15_Pgr002430	0.18	0.11	0.25
CDL15_Pgr002445	0.35	0	0.72
CDL15_Pgr002468	0.59	0.44	0.67
CDL15_Pgr002535	31048	27760	32874
CDL15_Pgr002628	44348	18384	27912
CDL15_Pgr002631	19.58	15.50	21.59
CDL15_Pgr002645	20.45	18.32	23.51
CDL15_Pgr002648	18.68	17.55	44247
CDL15_Pgr002731	31.85	29.58	34.96
CDL15_Pgr002745	24.16	21.97	28.31
CDL15_Pgr002747	16.59	35400	19.13
CDL15_Pgr002775	0.26	0.06	0.40
CDL15_Pgr002789	0.84	0.49	22282
CDL15_Pgr002824	16954	44287	23590
CDL15_Pgr002847	14885	14124	45992

CDL15_Pgr002850	18233	19998	14.29
CDL15_Pgr002880	17.44	43405	31.84
CDL15_Pgr002956	0.19	0.13	0.29
CDL15_Pgr002968	44558	21.72	34.13
CDL15_Pgr002994	438.07	287.61	494.05
CDL15_Pgr003003	48.83	34.32	55.50
CDL15_Pgr003007	14.73	13.17	15.96
CDL15_Pgr003034	46113	28157	42856
CDL15_Pgr003055	16558	26024	27515
CDL15_Pgr003083	32599	44289	44415
CDL15_Pgr003091	0.08	0	0.21
CDL15_Pgr003100	41365	31107	16163
CDL15_Pgr003109	42095	35855	13241
CDL15_Pgr003201	172.99	129.61	197.97
CDL15_Pgr003214	23559	45839	15919
CDL15_Pgr003300	14.98	27729	44516
CDL15_Pgr003340	17.74	44455	21.36
CDL15_Pgr003408	25569	0.76	33604
CDL15_Pgr003464	174.75	135.39	191.25
CDL15_Pgr003473	29.29	25.84	34.68
CDL15_Pgr003571	27030	45292	46419
CDL15_Pgr003661	27881	19450	23894
CDL15_Pgr003677	44502	18264	32540
CDL15_Pgr003679	61.20	59.95	62.14
CDL15_Pgr003706	28795	19968	14.47
CDL15_Pgr003731	44372	22.22	28.25
CDL15_Pgr003732	27.42	21.24	38.08
CDL15_Pgr003746	22.17	19.70	25.52
CDL15_Pgr003776	44513	44481	14.25
CDL15_Pgr003788	34.55	28.77	37.43
CDL15_Pgr003793	240.08	149.08	330.17
CDL15_Pgr003799	28157	0.95	21641
CDL15_Pgr003809	0.12	0.06	0.19
CDL15_Pgr003827	44499	23.44	32.79
CDL15_Pgr003831	13241	25993	44682

CDL15_Pgr003832	20210	17624	44713
CDL15_Pgr003837	248.47	203.30	296.36
CDL15_Pgr003887	16.95	32448	21.30
CDL15_Pgr004035	21.00	18.44	26.35
CDL15_Pgr004110	18295	21186	29618
CDL15_Pgr004149	13789	29465	20029
CDL15_Pgr004193	80.17	64.15	87.86
CDL15_Pgr004268	44393	44361	16.88
CDL15_Pgr004279	19.85	17.63	23.73
CDL15_Pgr004302	21520	46966	14.53
CDL15_Pgr004349	89.87	78.48	94.28
CDL15_Pgr004437	26.68	21.92	44437
CDL15_Pgr004449	0.95	0.61	23012
CDL15_Pgr004476	14124	21033	33147
CDL15_Pgr004533	44472	27061	21610
CDL15_Pgr004567	25934	13881	12816
CDL15_Pgr004569	22859	24624	44449
CDL15_Pgr004570	0.47	0	16072
CDL15_Pgr004609	34700	0.96	18295
CDL15_Pgr004624	14366	11780	33390
CDL15_Pgr004652	44230	25235	13575
CDL15_Pgr004724	32.14	27.42	34.44
CDL15_Pgr004738	168.98	74.04	190.54
CDL15_Pgr004781	0.25	0.03	0.38
CDL15_Pgr004798	56.44	42.92	85.68
CDL15_Pgr004892	13667	24532	34851
CDL15_Pgr004896	29190	13058	14.92
CDL15_Pgr004929	0.29	0.14	0.37
CDL15_Pgr004980	44317	25934	28034
CDL15_Pgr005130	0.69	0.44	44927
CDL15_Pgr005163	24047	30225	27729
CDL15_Pgr005173	39.27	37.01	44.20
CDL15_Pgr005217	52.55	41.35	61.44
CDL15_Pgr005286	41.61	35.30	45.69
CDL15_Pgr005328	51.47	43.81	57.72

CDL15_Pgr005329	552.94	487.71	601.61
CDL15_Pgr005388	0.44	0.15	0.61
CDL15_Pgr005465	0.68	0.22	14977
CDL15_Pgr005481	34912	26724	29190
CDL15_Pgr005549	13.54	12328	16.32
CDL15_Pgr005572	18.49	44514	24.15
CDL15_Pgr005694	25600	43132	31809
CDL15_Pgr005702	29465	24685	32082
CDL15_Pgr005762	16650	46966	21763
CDL15_Pgr005765	25600	0.58	11780
CDL15_Pgr005819	35370	34182	21520
CDL15_Pgr005833	0.11	0	0.23
CDL15_Pgr005838	23102	45717	23863
CDL15_Pgr005852	48.09	41.24	50.75
CDL15_Pgr005854	33573	23316	44544
CDL15_Pgr005901	93.76	81.05	100.82
CDL15_Pgr005913	15.53	25873	18.28
CDL15_Pgr005938	27881	44534	46266
CDL15_Pgr005944	732.79	594.71	816.29
CDL15_Pgr005946	36.92	35.93	37.17
CDL15_Pgr006066	25.63	21.55	28.68
CDL15_Pgr006108	21.67	20.49	22.68
CDL15_Pgr006134	0.35	0.06	0.43
CDL15_Pgr006154	18.65	15.70	21.27
CDL15_Pgr006165	78.56	67.94	84.48
CDL15_Pgr006199	18264	44256	26299
CDL15_Pgr006239	62.67	43.16	98.76
CDL15_Pgr006257	16346	17380	12.00
CDL15_Pgr006303	21.53	20.81	22.31
CDL15_Pgr006316	36495	26207	14.53
CDL15_Pgr006327	32905	45689	28915
CDL15_Pgr006403	77.44	65.15	93.40
CDL15_Pgr006427	18.52	16.22	19.80
CDL15_Pgr006475	35796	42005	25600
CDL15_Pgr006501	44464	21.87	28.44

CDL15_Pgr006536	14.31	13.17	14.89
CDL15_Pgr006559	4.00	44441	16589
CDL15_Pgr006600	17227	15738	46143
CDL15_Pgr006627	41.17	39.64	41.56
CDL15_Pgr006640	24167	17930	11414
CDL15_Pgr006697	42767	12055	44412
CDL15_Pgr006760	27395	43101	35796
CDL15_Pgr006788	0.13	0.04	0.22
CDL15_Pgr006818	31048	23377	43497
CDL15_Pgr006848	0.82	0.47	0.97
CDL15_Pgr006858	40.38	36.03	42.05
CDL15_Pgr006881	0.06	0	0.12
CDL15_Pgr006898	11049	26330	20972
CDL15_Pgr006900	62.65	51.74	77.99
CDL15_Pgr006909	256.82	229.89	263.97
CDL15_Pgr006910	172.56	170.41	175.90
CDL15_Pgr006976	25.28	22.41	26.56
CDL15_Pgr007084	38.28	24.36	51.52
CDL15_Pgr007091	51.81	45.08	64.22
CDL15_Pgr007143	14.13	44440	16.31
CDL15_Pgr007146	21732	27881	36008
CDL15_Pgr007160	13.86	44542	14.56
CDL15_Pgr007218	36.52	44559	44.06
CDL15_Pgr007222	107.88	87.40	113.86
CDL15_Pgr007283	114.27	101.11	117.27
CDL15_Pgr007288	0.73	0.27	44256
CDL15_Pgr007338	479.93	399.06	537.99
CDL15_Pgr007340	26.46	21.24	28.71
CDL15_Pgr007356	18.55	16.16	19.23
CDL15_Pgr007384	16.19	14.46	17.77
CDL15_Pgr007449	13516	0	27760
CDL15_Pgr007498	44451	27668	13.15
CDL15_Pgr007539	44299	44896	14.20
CDL15_Pgr007542	17.59	13.85	20.00
CDL15_Pgr007544	228.81	214.42	250.73

CDL15_Pgr007571	93.11	72.77	123.56
CDL15_Pgr007573	25.79	24.28	26.92
CDL15_Pgr007636	0.36	0.05	0.55
CDL15_Pgr007646	29.86	28.89	31.27
CDL15_Pgr007652	89.18	77.46	100.81
CDL15_Pgr007682	207.80	179.81	220.44
CDL15_Pgr007709	107.27	68.56	128.04
CDL15_Pgr007751	105.54	82.48	157.11
CDL15_Pgr007756	44197	0.32	14246
CDL15_Pgr007763	16163	36192	41791
CDL15_Pgr007764	17.65	15.21	19.76
CDL15_Pgr007776	16528	35065	43586
CDL15_Pgr007778	18.28	44364	19.87
CDL15_Pgr007846	69.68	65.45	73.03
CDL15_Pgr007855	18264	44501	44958
CDL15_Pgr007871	0.49	0.31	0.63
CDL15_Pgr007887	23.57	21.30	24.79
CDL15_Pgr007906	21976	44442	11414
CDL15_Pgr007912	225.17	206.87	239.62
CDL15_Pgr007935	15615	46631	11994
CDL15_Pgr008008	23012	46023	44532
CDL15_Pgr008022	0.65	0.39	44197
CDL15_Pgr008112	17380	25750	16316
CDL15_Pgr008117	0.93	0.63	42005
CDL15_Pgr008123	35.59	34.85	36.92
CDL15_Pgr008128	27760	42370	15373
CDL15_Pgr008137	233.85	163.75	258.99
CDL15_Pgr008165	54.10	49.35	61.70
CDL15_Pgr008172	34486	15797	44075
CDL15_Pgr008208	1269.67	868.05	1832.85
CDL15_Pgr008239	0.35	0	0.91
CDL15_Pgr008245	44593	27760	16469
CDL15_Pgr008250	44230	27426	42795
CDL15_Pgr008253	18.54	15.76	19.50
CDL15_Pgr008257	100.04	89.56	105.60

CDL15_Pgr008262	47300	16224	36373
CDL15_Pgr008367	54.37	42.30	78.87
CDL15_Pgr008405	25447	25416	20394
CDL15_Pgr008409	31868	47209	22767
CDL15_Pgr008420	30.87	44556	35.12
CDL15_Pgr008463	24047	23255	20424
CDL15_Pgr008507	90.68	79.82	103.44
CDL15_Pgr008534	35125	44256	14336
CDL15_Pgr008573	52.56	46.77	55.18
CDL15_Pgr008591	20210	44382	44202
CDL15_Pgr008724	41548	15554	18233
CDL15_Pgr008745	44259	21245	19815
CDL15_Pgr008767	19.97	18.95	44551
CDL15_Pgr008813	22007	41365	44413
CDL15_Pgr008815	51.03	37.35	57.51
CDL15_Pgr008957	0.10	0.04	0.22
CDL15_Pgr008966	41.04	28.60	46.53
CDL15_Pgr008969	14.71	36130	16.42
CDL15_Pgr008974	21.79	15.79	27.21
CDL15_Pgr009004	22160	23498	22951
CDL15_Pgr009016	44249	21.26	22.50
CDL15_Pgr009021	25294	11780	43952
CDL15_Pgr009026	72.71	44.67	124.89
CDL15_Pgr009212	44485	12754	21.94
CDL15_Pgr009251	0.37	0.31	0.48
CDL15_Pgr009255	14.31	15858	26.55
CDL15_Pgr009285	139.61	119.27	152.70
CDL15_Pgr009307	99.64	80.80	105.50
CDL15_Pgr009308	21824	30195	22586
CDL15_Pgr009316	32.94	29.02	35.09
CDL15_Pgr009412	68.40	55.89	71.68
CDL15_Pgr009475	0.41	0.27	0.57
CDL15_Pgr009489	44480	44509	15.69
CDL15_Pgr009574	21.83	18.44	26.72
CDL15_Pgr009594	0.12	0	0.36

CDL15_Pgr009628	168.41	127.22	228.78
CDL15_Pgr009633	72.77	49.27	94.55
CDL15_Pgr009649	11780	14671	31503
CDL15_Pgr009660	50.55	47.08	52.06
CDL15_Pgr009685	44537	42856	44238
CDL15_Pgr009698	25873	34578	13.44
CDL15_Pgr009700	71.15	66.86	76.15
CDL15_Pgr009716	15.22	19633	17.74
CDL15_Pgr009721	481.09	378.56	539.91
CDL15_Pgr009757	19.86	13.79	28.67
CDL15_Pgr009777	13.69	35765	13.93
CDL15_Pgr009812	13.86	26238	16.96
CDL15_Pgr009814	44348	0.54	13881
CDL15_Pgr009815	48.10	42.79	49.87
CDL15_Pgr009817	0.15	0	0.21
CDL15_Pgr009825	0.42	0.24	0.54
CDL15_Pgr009832	131.74	102.30	147.33
CDL15_Pgr009862	43.39	39.11	52.60
CDL15_Pgr009863	1508.82	1272.85	1614.29
CDL15_Pgr009905	39.76	33.67	51.31
CDL15_Pgr009910	23743	41640	29952
CDL15_Pgr009926	35.88	29.36	40.66
CDL15_Pgr009930	0.38	0	0.60
CDL15_Pgr009949	815.06	513.20	959.90
CDL15_Pgr009984	0.15	0.10	0.25
CDL15_Pgr009993	45139	21732	17411
CDL15_Pgr010004	1.00	0.36	14977
CDL15_Pgr010057	14.16	33147	44212
CDL15_Pgr010087	43009	44539	26938
CDL15_Pgr010217	20.23	17.48	26.14
CDL15_Pgr010242	11140	42795	16.20
CDL15_Pgr010252	44471	32509	43132
CDL15_Pgr010266	15373	10990	21217
CDL15_Pgr010335	21.24	44243	27.79
CDL15_Pgr010360	72.04	62.72	87.35

CDL15_Pgr010454	42979	18050	32448
CDL15_Pgr010468	0.21	0	0.44
CDL15_Pgr010471	26755	11414	31503
CDL15_Pgr010476	44958	41640	44230
CDL15_Pgr010490	13667	27820	22859
CDL15_Pgr010500	24593	22372	44292
CDL15_Pgr010504	19.65	14.43	23.53
CDL15_Pgr010506	30529	25720	14489
CDL15_Pgr010521	44230	21551	21610
CDL15_Pgr010591	15.36	13.32	19.51
CDL15_Pgr010614	0.37	0.19	0.57
CDL15_Pgr010651	33.08	29.47	36.68
CDL15_Pgr010720	44259	44319	43586
CDL15_Pgr010731	0.21	0	0.29
CDL15_Pgr010735	35217	29373	7.00
CDL15_Pgr010744	17319	44475	42552
CDL15_Pgr010745	24990	46113	28672
CDL15_Pgr010781	83.21	81.41	84.85
CDL15_Pgr010790	20.51	18.64	22.71
CDL15_Pgr010793	0.10	0	0.21
CDL15_Pgr010852	41699	23743	35521
CDL15_Pgr010853	33817	35947	28734
CDL15_Pgr010926	2.00	14977	19756
CDL15_Pgr010954	19541	13667	13028
CDL15_Pgr010966	44355	14793	11902
CDL15_Pgr010968	210.03	154.37	289.55
CDL15_Pgr011032	11140	11444	12632
CDL15_Pgr011033	37.39	35.40	39.06
CDL15_Pgr011054	12420	0.72	21186
CDL15_Pgr011119	17899	0.89	44349
CDL15_Pgr011168	168.01	152.48	184.77
CDL15_Pgr011201	15.14	13.82	16.15
CDL15_Pgr011207	16834	33239	22313
CDL15_Pgr011219	69.20	55.56	82.36
CDL15_Pgr011258	112.14	98.94	127.40

CDL15_Pgr011330	43525	0.11	15462
CDL15_Pgr011344	902.66	535.26	1220.69
CDL15_Pgr011360	50.37	37.46	55.57
CDL15_Pgr011375	37.82	26.55	46.51
CDL15_Pgr011393	42614	44477	24746
CDL15_Pgr011394	14.69	44416	26.67
CDL15_Pgr011418	42.20	38.76	46.05
CDL15_Pgr011446	44197	0	31079
CDL15_Pgr011463	44264	21002	20029
CDL15_Pgr011485	31.64	29.48	34.00
CDL15_Pgr011496	0.70	0.43	0.92
CDL15_Pgr011503	18780	18019	45839
CDL15_Pgr011531	21.68	18.13	28.20
CDL15_Pgr011541	21582	13150	35827
CDL15_Pgr011545	42156	15097	20607
CDL15_Pgr011550	25750	22433	44356
CDL15_Pgr011565	44547	16.49	17.38
CDL15_Pgr011595	26085	14732	42552
CDL15_Pgr011643	44298	27273	44513
CDL15_Pgr011691	22313	0.92	43586
CDL15_Pgr011699	32509	21916	44257
CDL15_Pgr011757	18.94	16.82	44550
CDL15_Pgr011796	42552	23163	27942
CDL15_Pgr011838	22.74	42278	29.97
CDL15_Pgr011856	44543	35765	13.42
CDL15_Pgr011910	54.71	46.99	72.28
CDL15_Pgr011952	17411	32356	20363
CDL15_Pgr011981	17380	44378	19238
CDL15_Pgr012026	14277	44410	25235
CDL15_Pgr012097	19.41	18.59	44276
CDL15_Pgr012122	44413	24198	14366
CDL15_Pgr012205	0.28	0.21	0.36
CDL15_Pgr012330	13.57	24259	44485
CDL15_Pgr012332	53.65	50.45	54.85
CDL15_Pgr012528	28.42	22.42	31.67

CDL15_Pgr012584	14001	36251	18749
CDL15_Pgr012610	14.28	29556	16.69
CDL15_Pgr012675	0.39	0.32	0.48
CDL15_Pgr012776	44213	13.53	20.00
CDL15_Pgr012807	33878	22525	44268
CDL15_Pgr012899	44330	16742	15.21
CDL15_Pgr012919	22616	11.00	14.39
CDL15_Pgr012933	20.36	15.68	27.68
CDL15_Pgr012949	0.54	0.41	0.70
CDL15_Pgr012963	44235	43647	18507
CDL15_Pgr013000	0.39	0.12	0.64
CDL15_Pgr013053	0.71	0.12	0.98
CDL15_Pgr013061	29677	33298	12175
CDL15_Pgr013071	0.08	0	0.25
CDL15_Pgr013115	0.31	0.15	0.48
CDL15_Pgr013131	28.69	44281	30.99
CDL15_Pgr013149	45.65	38.06	51.06
CDL15_Pgr013157	15.18	14946	16.87
CDL15_Pgr013243	0.41	0.25	0.51
CDL15_Pgr013302	33.21	22.89	43.27
CDL15_Pgr013377	0.54	0.30	0.65
CDL15_Pgr013413	16.30	12754	23.76
CDL15_Pgr013415	27791	44958	33270
CDL15_Pgr013447	17593	28522	27485
CDL15_Pgr013468	239.95	214.77	257.92
CDL15_Pgr013492	65.89	54.92	69.62
CDL15_Pgr013510	27791	30317	17958
CDL15_Pgr013555	23102	3.00	17654
CDL15_Pgr013600	27668	44385	44389
CDL15_Pgr013607	27.88	23.25	29.14
CDL15_Pgr013685	29677	28185	44505
CDL15_Pgr013701	52.28	42.53	58.56
CDL15_Pgr013740	16.60	15.84	17.44
CDL15_Pgr013747	19419	32874	44413
CDL15_Pgr013758	27364	19299	13.27

CDL15_Pgr013760	15.43	14.33	17.62
CDL15_Pgr013783	22313	10959	44986
CDL15_Pgr013796	21245	20121	27515
CDL15_Pgr013874	12267	24624	31686
CDL15_Pgr013903	23408	20090	15401
CDL15_Pgr013943	33604	1.00	46419
CDL15_Pgr013949	13.67	18233	14.78
CDL15_Pgr013964	44311	23.59	44254
CDL15_Pgr013976	0.06	0	0.10
CDL15_Pgr013984	18.61	13.81	20.19
CDL15_Pgr013993	43831	0.38	23377
CDL15_Pgr014025	20.23	14.28	24.51
CDL15_Pgr014026	34001	43497	41334
CDL15_Pgr014063	35156	44503	17654
CDL15_Pgr014081	25.52	23.79	44374
CDL15_Pgr014096	44534	44472	13606
CDL15_Pgr014224	44477	25720	14458
CDL15_Pgr014231	19.76	13.75	23.54
CDL15_Pgr014261	0.16	0.08	0.29
CDL15_Pgr014267	54.53	51.05	61.49
CDL15_Pgr014295	27942	15128	46296
CDL15_Pgr014352	43132	14246	20852
CDL15_Pgr014415	20852	44532	20880
CDL15_Pgr014419	13181	32143	33635
CDL15_Pgr014426	44.33	34.75	47.17
CDL15_Pgr014427	42.20	26.17	50.37
CDL15_Pgr014429	33329	44443	44292
CDL15_Pgr014430	14763	17624	42979
CDL15_Pgr014464	62.71	38.25	81.83
CDL15_Pgr014616	34790	12479	11810
CDL15_Pgr014677	12.00	45200	44240
CDL15_Pgr014735	47423	44206	44514
CDL15_Pgr014798	21.13	16.99	22.54
CDL15_Pgr014820	43374	21429	29860
CDL15_Pgr014829	187.73	158.91	198.80

CDL15_Pgr014839	24.84	44520	34.41
CDL15_Pgr014865	46113	19025	33329
CDL15_Pgr014881	44508	29037	17015
CDL15_Pgr014893	17.26	44241	20.95
CDL15_Pgr014902	14.36	13.90	14.63
CDL15_Pgr015072	44536	20576	15858
CDL15_Pgr015103	26665	23743	30317
CDL15_Pgr015110	0.95	0	46023
CDL15_Pgr015149	29.43	44336	35.00
CDL15_Pgr015163	0.28	0.10	0.40
CDL15_Pgr015174	45352	20486	18688
CDL15_Pgr015182	44221	44554	26.62
CDL15_Pgr015196	31503	17930	44448
CDL15_Pgr015200	0.31	0.09	0.37
CDL15_Pgr015211	0.73	0	18264
CDL15_Pgr015259	98.65	66.08	106.67
CDL15_Pgr015272	30956	34578	21155
CDL15_Pgr015284	0.55	0.07	17533
CDL15_Pgr015364	15.58	44543	17.15
CDL15_Pgr015389	20.22	14.27	21.51
CDL15_Pgr015434	44507	42156	29768
CDL15_Pgr015435	15.63	13.70	16.26
CDL15_Pgr015436	37.43	30.64	44.89
CDL15_Pgr015527	32.71	27.91	34.59
CDL15_Pgr015528	586.56	507.34	717.13
CDL15_Pgr015552	27.32	22.55	29.93
CDL15_Pgr015579	31.24	23.26	36.45
CDL15_Pgr015589	27.28	24.88	28.27
CDL15_Pgr015679	23529	27120	13697
CDL15_Pgr015682	28.60	27.66	29.73
CDL15_Pgr015683	45352	44289	23071
CDL15_Pgr015715	104.24	81.48	137.65
CDL15_Pgr015726	44835	34943	16711
CDL15_Pgr015761	15707	0.65	22647
CDL15_Pgr015809	16469	13516	36192

CDL15_Pgr015830	32599	22706	15827
CDL15_Pgr015839	25235	19756	30348
CDL15_Pgr015849	36465	44206	14.36
CDL15_Pgr015943	92.05	82.31	101.58
CDL15_Pgr015971	0.70	0.35	44409
CDL15_Pgr015994	21.59	16.91	23.54
CDL15_Pgr016012	16346	29768	22951
CDL15_Pgr016017	44290	17930	31868
CDL15_Pgr016041	0.37	0	0.77
CDL15_Pgr016091	37.02	29.33	41.95
CDL15_Pgr016096	0.21	0.11	0.28
CDL15_Pgr016115	26696	0.79	21671
CDL15_Pgr016124	73.23	63.75	77.25
CDL15_Pgr016127	39.39	19.85	44.93
CDL15_Pgr016148	93.69	62.09	144.44
CDL15_Pgr016154	20911	44231	26785
CDL15_Pgr016159	39.26	35.08	42.03
CDL15_Pgr016164	34759	15401	14702
CDL15_Pgr016190	11536	33390	24320
CDL15_Pgr016204	25965	27760	28185
CDL15_Pgr016238	15.68	22951	18.81
CDL15_Pgr016289	33055	11475	26543
CDL15_Pgr016300	35156	32174	16224
CDL15_Pgr016307	27942	28216	11597
CDL15_Pgr016324	0.21	0	0.64
CDL15_Pgr016379	45689	0.55	43160
CDL15_Pgr016439	0.45	0.11	0.75
CDL15_Pgr016454	583.13	408.53	771.84
CDL15_Pgr016473	0.82	0.17	44197
CDL15_Pgr016537	13.96	15250	15.95
CDL15_Pgr016574	18.83	15.00	20.88
CDL15_Pgr016584	63.43	54.82	79.49
CDL15_Pgr016585	44209	44166	14.59
CDL15_Pgr016588	18.40	15.34	44554
CDL15_Pgr016589	22313	23743	14305

CDL15_Pgr016641	57.62	22.89	120.70
CDL15_Pgr016720	0.56	0.11	46388
CDL15_Pgr016794	12479	21582	19784
CDL15_Pgr016803	21.39	13.88	25.50
CDL15_Pgr016804	16.92	11.00	25.27
CDL15_Pgr016828	44351	12844	15067
CDL15_Pgr016893	18.93	15.79	23.51
CDL15_Pgr017050	29434	44013	43435
CDL15_Pgr017072	76.47	69.07	91.83
CDL15_Pgr017078	35.64	33.06	37.92
CDL15_Pgr017095	29.15	27.67	30.57
CDL15_Pgr017130	35886	19085	24593
CDL15_Pgr017147	576.29	420.17	609.38
CDL15_Pgr017162	25.99	14.80	29.58
CDL15_Pgr017182	13.32	43040	44330
CDL15_Pgr017195	21.49	18.79	23.25
CDL15_Pgr017230	19.35	15.50	22.42
CDL15_Pgr017246	0.47	0.06	0.98
CDL15_Pgr017265	21155	44449	13.65
CDL15_Pgr017266	71.12	63.24	85.49
CDL15_Pgr017303	44443	25993	44652
CDL15_Pgr017383	42.28	40.02	43.84
CDL15_Pgr017409	46631	32660	35004
CDL15_Pgr017448	29.21	24.32	38.16
CDL15_Pgr017465	45870	15888	23621
CDL15_Pgr017556	12055	0.63	44593
CDL15_Pgr017563	33695	23833	47239
CDL15_Pgr017753	133.90	108.23	169.93
CDL15_Pgr017766	16193	44382	32264
CDL15_Pgr017829	26451	23071	24351
CDL15_Pgr017857	46.82	39.79	57.91
CDL15_Pgr017886	18780	46784	27303
CDL15_Pgr017889	18.15	13.74	23.53
CDL15_Pgr017893	0.66	0.26	13150
CDL15_Pgr017937	55.45	52.44	62.23

CDL15_Pgr017973	16589	44202	11871
CDL15_Pgr018038	44294	11871	29434
CDL15_Pgr018091	20180	44229	42948
CDL15_Pgr018139	13.42	45597	16.16
CDL15_Pgr018163	34.00	44500	36.67
CDL15_Pgr018171	14.45	32082	18.46
CDL15_Pgr018186	21885	44540	14.16
CDL15_Pgr018187	13.25	18172	15.27
CDL15_Pgr018190	104.53	94.83	120.38
CDL15_Pgr018240	0.24	0.12	0.49
CDL15_Pgr018265	44351	21947	43221
CDL15_Pgr018268	15462	27820	34455
CDL15_Pgr018271	41.34	38.86	42.49
CDL15_Pgr018275	35096	24869	43891
CDL15_Pgr018286	0.85	0.46	44197
CDL15_Pgr018323	14.94	32478	17.22
CDL15_Pgr018334	17.14	44237	44368
CDL15_Pgr018343	32752	18445	26634
CDL15_Pgr018425	14.87	13.56	15.49
CDL15_Pgr018496	44521	44487	24.15
CDL15_Pgr018546	0.21	0.04	0.26
CDL15_Pgr018555	25.52	23.48	27.61
CDL15_Pgr018587	36251	14336	23132
CDL15_Pgr018626	47423	13728	14.22
CDL15_Pgr018647	44508	7.00	15585
CDL15_Pgr018659	13.54	41609	14.80
CDL15_Pgr018668	14.81	44238	16.23
CDL15_Pgr018727	24.74	18.90	32.54
CDL15_Pgr018731	35490	17958	15067
CDL15_Pgr018732	39.62	34.72	41.11
CDL15_Pgr018752	23.35	22.55	24.62
CDL15_Pgr018756	73.31	60.81	90.29
CDL15_Pgr018788	43497	44440	33270
CDL15_Pgr018808	28065	30895	16.42
CDL15_Pgr018837	699.84	658.77	788.56

CDL15_Pgr018840	46.50	38.13	48.53
CDL15_Pgr018930	38.39	36.37	39.01
CDL15_Pgr018959	14062	32599	46296
CDL15_Pgr019014	10990	0.84	23043
CDL15_Pgr019091	104.16	92.44	106.60
CDL15_Pgr019093	91.72	59.43	98.57
CDL15_Pgr019100	0.52	0.26	0.63
CDL15_Pgr019101	24228	19450	34820
CDL15_Pgr019193	60.35	45.08	64.57
CDL15_Pgr019206	32.35	29.85	38.01
CDL15_Pgr019306	29587	10959	13547
CDL15_Pgr019323	45.14	30.90	61.40
CDL15_Pgr019360	13119	41487	14.39
CDL15_Pgr019395	13.39	14946	14.78
CDL15_Pgr019420	55.11	24.70	71.50
CDL15_Pgr019480	21947	27030	43525
CDL15_Pgr019502	31.80	28.68	34.18
CDL15_Pgr019506	44534	23437	12875
CDL15_Pgr019542	27699	25416	44516
CDL15_Pgr019560	12479	44319	14671
CDL15_Pgr019562	47119	0.70	41671
CDL15_Pgr019573	16893	44288	32629
CDL15_Pgr019580	16.90	35034	44214
CDL15_Pgr019635	0.28	0	0.58
CDL15_Pgr019667	44314	21125	42.87
CDL15_Pgr019707	0.95	0.32	43831
CDL15_Pgr019790	26330	23377	16862
CDL15_Pgr019828	96.68	34.98	156.83
CDL15_Pgr019860	16.81	11628	44215
CDL15_Pgr019882	18.64	15.41	21.22
CDL15_Pgr019888	29.64	28.29	29.95
CDL15_Pgr019983	11324	0.94	17168
CDL15_Pgr020008	21947	44229	32540
CDL15_Pgr020032	41334	43132	14336
CDL15_Pgr020034	21064	23955	15281

CDL15_Pgr020051	210.60	183.18	243.82
CDL15_Pgr020053	33.72	29.88	35.00
CDL15_Pgr020074	15008	43497	26330
CDL15_Pgr020168	35.52	34.52	36.69
CDL15_Pgr020181	35217	30348	43709
CDL15_Pgr020205	632.84	530.45	661.26
CDL15_Pgr020222	59.91	55.98	60.91
CDL15_Pgr020255	41974	44539	13.14
CDL15_Pgr020266	38.93	30.82	47.24
CDL15_Pgr020280	31868	17593	16224
CDL15_Pgr020338	17.77	16.46	44518
CDL15_Pgr020350	17137	14519	13.13
CDL15_Pgr020376	20.83	17.64	23.93
CDL15_Pgr020393	11780	14305	22372
CDL15_Pgr020414	13.13	20029	13.96
CDL15_Pgr020444	15.26	14.42	15.54
CDL15_Pgr020497	16.97	15.56	17.69
CDL15_Pgr020499	17.38	13.35	18.39
CDL15_Pgr020524	0.74	0	28491
CDL15_Pgr020525	15342	44256	23012
CDL15_Pgr020531	0.42	0.21	0.49
CDL15_Pgr020538	30682	0.92	41671
CDL15_Pgr020564	25235	29587	16497
CDL15_Pgr020592	44318	18264	26330
CDL15_Pgr020616	0.35	0.23	0.40
CDL15_Pgr020721	44426	15.68	20.89
CDL15_Pgr020811	23163	42095	46569
CDL15_Pgr020812	13.43	25477	44484
CDL15_Pgr020833	31017	14550	15.31
CDL15_Pgr020847	75.76	73.82	79.56
CDL15_Pgr020964	16.42	15.21	17.96
CDL15_Pgr020995	22555	46266	24077
CDL15_Pgr021010	51.97	41.36	74.93
CDL15_Pgr021024	18.76	44425	20.53
CDL15_Pgr021087	40.68	33.22	43.62

CDL15_Pgr021111	25.99	24.56	28.44
CDL15_Pgr021116	18537	34578	42309
CDL15_Pgr021124	28277	21306	42552
CDL15_Pgr021127	75.03	54.96	118.48
CDL15_Pgr021145	35125	41334	20911
CDL15_Pgr021152	46388	0.83	17533
CDL15_Pgr021170	0.37	0	43831
CDL15_Pgr021171	0.60	0.30	41640
CDL15_Pgr021180	38.86	37.89	41.01
CDL15_Pgr021193	15493	44682	33756
CDL15_Pgr021357	13940	20486	27820
CDL15_Pgr021412	0.92	0.49	18994
CDL15_Pgr021564	34.78	32.10	35.51
CDL15_Pgr021567	32.82	17.53	37.42
CDL15_Pgr021604	19.92	19.36	44307
CDL15_Pgr021645	23.75	16.96	29.41
CDL15_Pgr021683	12785	44409	24838
CDL15_Pgr021689	3.00	26696	17227
CDL15_Pgr021741	19633	20972	18568
CDL15_Pgr021755	175.35	115.21	198.24
CDL15_Pgr021774	165.21	101.37	180.66
CDL15_Pgr021834	24593	31503	28277
CDL15_Pgr021871	51.28	43.51	56.50
CDL15_Pgr021874	42.49	41.19	44.50
CDL15_Pgr021895	99.97	92.17	106.83
CDL15_Pgr021900	72.36	70.27	76.83
CDL15_Pgr021908	44467	26.20	32.16
CDL15_Pgr021918	29707	17930	33208
CDL15_Pgr021921	15.87	13.53	17.74
CDL15_Pgr022056	19.75	44486	44398
CDL15_Pgr022094	13881	0.74	22282
CDL15_Pgr022097	21.65	14.46	25.35
CDL15_Pgr022124	19115	16528	19511
CDL15_Pgr022152	37.29	36.07	39.71
CDL15_Pgr022168	21.85	13.58	28.40

CDL15_Pgr022233	44441	16438	31079
CDL15_Pgr022263	26634	44531	13.16
CDL15_Pgr022351	44295	21763	19238
CDL15_Pgr022405	44231	15036	11414
CDL15_Pgr022451	0.94	0.81	44531
CDL15_Pgr022455	59.22	38.25	81.16
CDL15_Pgr022490	33.35	31.76	36.16
CDL15_Pgr022502	32752	28307	20059
CDL15_Pgr022513	5.00	12114	16558
CDL15_Pgr022552	130.97	111.22	164.73
CDL15_Pgr022561	47119	0.62	17564
CDL15_Pgr022600	114.83	110.83	116.86
CDL15_Pgr022623	0.08	0	0.13
CDL15_Pgr022639	0.07	0	0.20
CDL15_Pgr022670	191.43	152.45	212.54
CDL15_Pgr022710	11263	29495	44328
CDL15_Pgr022715	23193	27150	13058
CDL15_Pgr022718	0.93	0.61	44409
CDL15_Pgr022734	13028	16650	12693
CDL15_Pgr022737	27.53	19.93	36.08
CDL15_Pgr022771	64.87	62.75	69.11
CDL15_Pgr022815	32629	20576	43617
CDL15_Pgr022880	45.79	41.27	48.99
CDL15_Pgr022963	42736	0.96	13516
CDL15_Pgr022990	18264	0.95	33239
CDL15_Pgr023003	25.47	23.57	26.98
CDL15_Pgr023043	0.76	0.51	44531
CDL15_Pgr023044	22.62	18.73	27.60
CDL15_Pgr023090	24838	0.94	15373
CDL15_Pgr023104	23.91	20.24	25.99
CDL15_Pgr023112	20576	44260	23163
CDL15_Pgr023117	866.96	826.51	908.97
CDL15_Pgr023205	25873	44325	13.61
CDL15_Pgr023211	0.85	0.81	0.93
CDL15_Pgr023215	38.28	31.90	51.46

CDL15_Pgr023217	0.31	0.20	0.40
CDL15_Pgr023220	388.05	363.10	400.75
CDL15_Pgr023221	17199	44562	43525
CDL15_Pgr023245	26.63	44551	32.42
CDL15_Pgr023256	0.29	0.19	0.35
CDL15_Pgr023327	44562	44409	11689
CDL15_Pgr023353	33.83	28.22	39.49
CDL15_Pgr023357	44543	34547	14.25
CDL15_Pgr023363	22.84	19.25	30.92
CDL15_Pgr023462	18.98	44208	22.71
CDL15_Pgr023547	28.87	21.63	34.14
CDL15_Pgr023568	44475	44505	12936
CDL15_Pgr023580	28307	23132	47453
CDL15_Pgr023595	0.19	0.04	0.36
CDL15_Pgr023619	45047	44232	15462
CDL15_Pgr023622	17.63	24381	19.90
CDL15_Pgr023651	0.08	0	0.18
CDL15_Pgr023680	25.53	44428	27.62
CDL15_Pgr023707	462.23	393.37	477.97
CDL15_Pgr023726	42552	44383	29403
CDL15_Pgr023733	22313	17533	44256
CDL15_Pgr023746	69.06	63.13	82.42
CDL15_Pgr023776	22.76	16.98	44346
CDL15_Pgr023830	31594	32994	11536
CDL15_Pgr023891	13394	27211	44421
CDL15_Pgr024001	43466	0.92	24838
CDL15_Pgr024015	40.05	44310	50.43
CDL15_Pgr024053	40.53	36.82	44.26
CDL15_Pgr024116	21.72	17.31	25.53
CDL15_Pgr024133	118.00	107.74	127.17
CDL15_Pgr024137	0.52	0	22647
CDL15_Pgr024171	44514	13.36	44242
CDL15_Pgr024186	12997	44322	10.00
CDL15_Pgr024238	35674	12540	16.17
CDL15_Pgr024256	137.25	121.73	172.37

CDL15_Pgr024281	62.35	53.50	78.72
CDL15_Pgr024284	20.93	19.29	22.13
CDL15_Pgr024320	39.03	35.47	40.98
CDL15_Pgr024345	46997	26481	22160
CDL15_Pgr024348	38.62	30.89	43.72
CDL15_Pgr024355	149.98	148.72	150.33
CDL15_Pgr024367	28642	42461	27942
CDL15_Pgr024423	154.59	141.75	157.79
CDL15_Pgr024430	2.00	14977	45689
CDL15_Pgr024454	155.35	146.28	171.12
CDL15_Pgr024491	44.10	37.39	47.40
CDL15_Pgr024501	30926	21367	12693
CDL15_Pgr024559	44.04	43.93	44.09
CDL15_Pgr024560	26085	45748	44480
CDL15_Pgr024562	26.59	44491	33.36
CDL15_Pgr024565	67.93	63.81	76.36
CDL15_Pgr024570	77.15	59.44	84.26
CDL15_Pgr024616	172.62	116.89	186.36
CDL15_Pgr024744	0.70	0.17	44409
CDL15_Pgr024768	11749	14642	16193
CDL15_Pgr024849	11963	25447	22190
CDL15_Pgr024851	15.92	26481	18.83
CDL15_Pgr024908	25.86	21.88	44223
CDL15_Pgr024947	27.17	22.60	34.87
CDL15_Pgr024951	24.67	22.20	28.17
CDL15_Pgr024978	102.65	85.94	107.77
CDL15_Pgr025021	22.26	17.94	24.17
CDL15_Pgr025046	12420	0.67	24838
CDL15_Pgr025089	16193	42795	41426
CDL15_Pgr025114	44512	42675	13.28
CDL15_Pgr025126	32964	20121	32629
CDL15_Pgr025127	34608	45170	13.74
CDL15_Pgr025141	13.61	17838	44485
CDL15_Pgr025142	44477	31898	28703
CDL15_Pgr025158	22037	42856	44261

CDL15_Pgr025174	13516	0.77	22282
CDL15_Pgr025175	13.44	47362	16.55
CDL15_Pgr025218	33.16	17.76	37.32
CDL15_Pgr025221	30.47	28.70	32.55
CDL15_Pgr025256	15615	46966	32082
CDL15_Pgr025289	58.55	43.28	65.91
CDL15_Pgr025300	17380	22068	44501
CDL15_Pgr025301	41.16	35.96	50.10
CDL15_Pgr025308	0.67	0.46	0.73
CDL15_Pgr025364	13.81	22586	16.39
CDL15_Pgr025367	0.17	0.10	0.33
CDL15_Pgr025390	23621	46539	27699
CDL15_Pgr025413	0.19	0.06	0.33
CDL15_Pgr025415	0.30	0	0.62
CDL15_Pgr025437	0.14	0	0.43
CDL15_Pgr025503	119.17	81.16	170.38
CDL15_Pgr025550	20149	25600	27820
CDL15_Pgr025556	20.13	16.62	22.50
CDL15_Pgr025561	11505	41426	42248
CDL15_Pgr025592	18.14	29556	19.69
CDL15_Pgr025607	29556	42705	44361
CDL15_Pgr025609	22282	44409	42036
CDL15_Pgr025613	46388	41640	17168
CDL15_Pgr025643	44423	44359	18.42
CDL15_Pgr025660	11689	44378	15707
CDL15_Pgr025690	26.73	44247	30.83
CDL15_Pgr025692	13424	20637	15.75
CDL15_Pgr025746	18660	23743	26330
CDL15_Pgr025751	85.53	75.55	91.73
CDL15_Pgr025768	0.45	0.39	0.54
CDL15_Pgr025782	284.03	242.67	303.42
CDL15_Pgr025794	44502	21916	16103
CDL15_Pgr025853	104.72	100.54	109.88
CDL15_Pgr025893	46.66	43.98	48.34
CDL15_Pgr025899	30.72	30.40	31.34

CDL15_Pgr025906	21.94	13.76	25.99
CDL15_Pgr025947	43282	30072	12997
CDL15_Pgr025974	25.34	23.86	25.64
CDL15_Pgr025989	42.20	30.89	44.48
CDL15_Pgr026045	45839	20911	44385
CDL15_Pgr026048	0.21	0.05	0.30
CDL15_Pgr026130	16.35	44392	44394
CDL15_Pgr026132	23986	34851	13.18
CDL15_Pgr026246	44501	0.83	16072
CDL15_Pgr026521	44417	29738	44389
CDL15_Pgr026623	15.71	35643	44425
CDL15_Pgr026626	23408	15008	33635
CDL15_Pgr026628	19480	23468	31168
CDL15_Pgr026641	22.37	20.28	23.35
CDL15_Pgr026657	1449.05	1426.42	1488.30
CDL15_Pgr026689	43.16	33.48	53.78
CDL15_Pgr026782	20210	27120	30803
CDL15_Pgr026851	30773	44533	41426
CDL15_Pgr026894	14.23	31625	44337
CDL15_Pgr026926	0.12	0.06	0.19
CDL15_Pgr026942	31625	12267	9.00
CDL15_Pgr026955	41.42	33.58	44.30
CDL15_Pgr027110	43.05	38.02	54.59
CDL15_Pgr027282	14.50	31382	16.36
CDL15_Pgr027333	13516	44378	24838
CDL15_Pgr027426	14458	17319	47088
CDL15_Pgr027437	49.17	45.05	51.76
CDL15_Pgr027447	33725	28185	25447
CDL15_Pgr027458	19.63	44271	21.19
CDL15_Pgr027460	427.24	180.48	504.07
CDL15_Pgr027582	33909	22920	44269
CDL15_Pgr027584	44320	23408	35156
CDL15_Pgr027597	119.95	78.21	144.35
CDL15_Pgr027695	0.54	0.30	0.87
CDL15_Pgr027701	44423	32813	16.77

CDL15_Pgr027765	27912	14032	44203
CDL15_Pgr027768	99.56	89.47	118.35
CDL15_Pgr027773	42767	0.58	44319
CDL15_Pgr027805	39.46	33.85	41.87
CDL15_Pgr027835	44261	16163	25355
CDL15_Pgr027840	26330	43862	15036
CDL15_Pgr027843	103.00	79.17	124.65
CDL15_Pgr027860	27.61	25.87	30.65
CDL15_Pgr027880	0.16	0	0.45
CDL15_Pgr027894	0.67	0.33	41275
CDL15_Pgr027908	16.21	34639	17.85
CDL15_Pgr027919	28460	33359	20.00
CDL15_Pgr027933	24.35	18.27	37.18
CDL15_Pgr027939	42.64	29.37	58.83
CDL15_Pgr027940	16132	32540	14702
CDL15_Pgr027950	31.89	44470	54.55
CDL15_Pgr028009	14.38	32478	16.22
CDL15_Pgr028041	25.86	13.88	51.26
CDL15_Pgr028047	0.84	0.58	0.99
CDL15_Pgr028104	24228	14702	46905
CDL15_Pgr028149	12267	43678	15554
CDL15_Pgr028174	37.37	26.73	45.09
CDL15_Pgr028176	44203	25689	17380
CDL15_Pgr028257	21398	21732	44264
CDL15_Pgr028264	43709	46844	44835
CDL15_Pgr028347	44330	44512	15.49
CDL15_Pgr028362	15.28	18233	44363
CDL15_Pgr028366	41.83	36.91	48.69
CDL15_Pgr028374	28522	12420	42795
CDL15_Pgr028438	34.44	31.60	35.47
CDL15_Pgr028457	17.43	13.45	20.87
CDL15_Pgr028506	14.88	21520	44459
CDL15_Pgr028530	0.40	0.13	0.98
CDL15_Pgr028531	39.41	32.59	43.78
CDL15_Pgr028536	44452	34973	44454

CDL15_Pgr028566	56.48	41.76	75.94
CDL15_Pgr028621	19.60	17.75	20.33
CDL15_Pgr028679	35431	15707	34366
CDL15_Pgr028699	25.22	22.88	26.54
CDL15_Pgr028733	28.68	26.49	33.42
CDL15_Pgr028852	14277	43132	20486
CDL15_Pgr028856	42370	0.75	22647
CDL15_Pgr028887	124.33	106.78	140.51
CDL15_Pgr028917	12175	32234	27881
CDL15_Pgr028954	44225	21.96	33.85
CDL15_Pgr028964	33.63	44558	36.29
CDL15_Pgr028966	31472	18323	20546
CDL15_Pgr029076	53.96	46.53	62.52
CDL15_Pgr029120	46.47	40.41	50.61
CDL15_Pgr029138	83.84	71.61	103.88
CDL15_Pgr029141	22402	43922	42156
CDL15_Pgr029145	135.30	75.97	157.63
CDL15_Pgr029184	15.46	14.47	16.52
CDL15_Pgr029194	29799	13697	47362
CDL15_Pgr029200	31048	44287	23043
CDL15_Pgr000004	34700	0	1.00
CDL15_Pgr000010	23163	12510	21671
CDL15_Pgr000073	63.45	38.46	46.26
CDL15_Pgr000080	32.91	44299	15.86
CDL15_Pgr000101	92.14	66.32	69.66
CDL15_Pgr000128	12785	0	0.20
CDL15_Pgr000134	28.84	21.85	24.96
CDL15_Pgr000142	41.71	30.59	36.35
CDL15_Pgr000152	27820	27030	46784
CDL15_Pgr000173	0.80	0.18	0.42
CDL15_Pgr000183	43282	45717	19085
CDL15_Pgr000228	45078	10990	25993
CDL15_Pgr000243	0.59	0.22	0.33
CDL15_Pgr000248	50.95	37.03	42.37
CDL15_Pgr000267	0.16	0.02	0.07

CDL15_Pgr000274	93.22	55.89	73.64
CDL15_Pgr000291	44927	0.37	0.51
CDL15_Pgr000318	13.16	13789	13089
CDL15_Pgr000345	329.78	260.86	281.27
CDL15_Pgr000398	168.97	76.45	122.56
CDL15_Pgr000401	39.40	20.37	22.65
CDL15_Pgr000422	29342	31503	12175
CDL15_Pgr000434	18629	0	0.31
CDL15_Pgr000445	59.78	53.64	55.80
CDL15_Pgr000460	44256	0.29	0.45
CDL15_Pgr000469	17899	0.46	0.71
CDL15_Pgr000495	269.60	199.69	236.13
CDL15_Pgr000508	3074.52	964.96	1265.10
CDL15_Pgr000524	23.88	19.90	44551
CDL15_Pgr000536	24381	42767	25659
CDL15_Pgr000562	25.95	44245	20.80
CDL15_Pgr000580	0.19	0.07	0.11
CDL15_Pgr000601	138.97	70.97	104.31
CDL15_Pgr000618	42064	35431	46054
CDL15_Pgr000621	11689	0.70	0.82
CDL15_Pgr000637	44.26	25.65	33.00
CDL15_Pgr000648	0.31	0.15	0.21
CDL15_Pgr000649	61.53	50.68	56.27
CDL15_Pgr000670	25.35	17.82	21.47
CDL15_Pgr000678	12451	0.73	42736
CDL15_Pgr000684	28.71	23.39	25.58
CDL15_Pgr000730	30.77	20.80	21.89
CDL15_Pgr000738	32295	43191	46508
CDL15_Pgr000751	24.20	44239	15.95
CDL15_Pgr000790	29.39	16.21	21.47
CDL15_Pgr000810	75.68	56.53	66.42
CDL15_Pgr000823	18719	18688	44200
CDL15_Pgr000840	94.63	83.15	88.24
CDL15_Pgr000883	26.52	20.93	22.59
CDL15_Pgr000921	22706	0.63	44257

CDL15_Pgr000929	20210	0.80	11689
CDL15_Pgr000944	33909	29037	44205
CDL15_Pgr000963	46082	20090	41306
CDL15_Pgr001014	36.53	33543	21.46
CDL15_Pgr001016	0.38	0.13	0.26
CDL15_Pgr001064	30.54	18.56	23.72
CDL15_Pgr001086	48.88	32.33	34.56
CDL15_Pgr001127	26024	26665	45689
CDL15_Pgr001185	48.67	44375	30.59
CDL15_Pgr001190	15067	11355	42064
CDL15_Pgr001219	14277	42370	26299
CDL15_Pgr001225	20.25	16.94	18.20
CDL15_Pgr001227	13636	21976	44504
CDL15_Pgr001230	44412	12844	23071
CDL15_Pgr001252	32.31	44559	30.86
CDL15_Pgr001270	21217	0.12	0.76
CDL15_Pgr001271	18688	34335	16469
CDL15_Pgr001275	0.52	0.13	0.27
CDL15_Pgr001299	45.44	30.54	35.25
CDL15_Pgr001305	0.23	0.09	0.15
CDL15_Pgr001310	45292	0.34	0.58
CDL15_Pgr001317	0.75	0.11	0.42
CDL15_Pgr001326	96.73	83.94	88.13
CDL15_Pgr001347	44532	0.32	0.67
CDL15_Pgr001348	0.49	0.06	0.18
CDL15_Pgr001366	44466	19.74	23.24
CDL15_Pgr001373	19.87	41974	14.23
CDL15_Pgr001376	42125	44317	18994
CDL15_Pgr001385	0.17	0	0.09
CDL15_Pgr001400	41671	0.71	0.91
CDL15_Pgr001411	68.73	44.41	55.84
CDL15_Pgr001416	43497	0.16	44197
CDL15_Pgr001441	24990	46143	21671
CDL15_Pgr001452	83.45	53.10	66.93
CDL15_Pgr001455	24838	0.23	0.74

CDL15_Pgr001504	24228	2.00	44230
CDL15_Pgr001520	165.01	117.62	136.62
CDL15_Pgr001522	41.13	13.83	17.94
CDL15_Pgr001524	13547	0.94	12420
CDL15_Pgr001558	27.39	15.86	44305
CDL15_Pgr001574	17.18	44482	14.43
CDL15_Pgr001595	81.73	70.90	72.31
CDL15_Pgr001598	13.77	27942	33817
CDL15_Pgr001615	288.11	146.77	196.96
CDL15_Pgr001642	20.65	44517	17.49
CDL15_Pgr001648	19391	43132	45689
CDL15_Pgr001669	21.44	16.19	44517
CDL15_Pgr001689	20.63	13.86	15.56
CDL15_Pgr001696	0.12	0	0.04
CDL15_Pgr001776	0.68	0.22	0.47
CDL15_Pgr001802	22313	47119	34700
CDL15_Pgr001803	23071	22678	31079
CDL15_Pgr001811	31686	16619	44409
CDL15_Pgr001846	49.20	37.53	39.20
CDL15_Pgr001862	362.45	157.71	193.57
CDL15_Pgr001866	14.57	45047	17685
CDL15_Pgr001882	18568	44419	45231
CDL15_Pgr001888	21520	27576	12632
CDL15_Pgr001894	14.54	21582	28915
CDL15_Pgr001898	20090	0.60	0.70
CDL15_Pgr001929	36.03	33.34	34.51
CDL15_Pgr001932	20.23	26543	13.64
CDL15_Pgr001941	33.07	17.70	19.81
CDL15_Pgr001942	101.86	89.52	95.65
CDL15_Pgr001943	28399	16681	42644
CDL15_Pgr001960	13.43	11963	18933
CDL15_Pgr001964	45200	32264	46204
CDL15_Pgr001965	21186	0.69	0.99
CDL15_Pgr001966	22859	44317	11475
CDL15_Pgr002005	20.66	43678	44360

CDL15_Pgr002008	17107	34486	34547
CDL15_Pgr002014	21976	34731	44319
CDL15_Pgr002031	16.58	16742	20790
CDL15_Pgr002040	0.51	0.13	0.27
CDL15_Pgr002082	92.45	89.73	90.22
CDL15_Pgr002091	18629	0.07	0.30
CDL15_Pgr002103	44295	20210	18415
CDL15_Pgr002107	20607	24563	25324
CDL15_Pgr002109	44491	19694	44272
CDL15_Pgr002137	37.36	26.34	30.87
CDL15_Pgr002184	44381	45717	21976
CDL15_Pgr002197	13912	0.37	0.57
CDL15_Pgr002201	73.06	53.78	59.38
CDL15_Pgr002229	16558	21582	25263
CDL15_Pgr002242	42125	31107	36220
CDL15_Pgr002247	13728	33270	34060
CDL15_Pgr002249	45658	0.33	0.82
CDL15_Pgr002304	44533	15738	20121
CDL15_Pgr002313	15.00	35916	32721
CDL15_Pgr002314	40.14	14.48	22.82
CDL15_Pgr002329	15.59	25020	16316
CDL15_Pgr002340	44212	17411	34639
CDL15_Pgr002341	21.95	11567	33178
CDL15_Pgr002349	19115	44287	24929
CDL15_Pgr002350	274.54	87.61	117.59
CDL15_Pgr002363	137.91	85.18	92.03
CDL15_Pgr002382	16.40	24777	13.51
CDL15_Pgr002410	15.85	29891	13.73
CDL15_Pgr002420	44417	34851	46935
CDL15_Pgr002448	145.30	130.58	136.98
CDL15_Pgr002521	44360	45962	30987
CDL15_Pgr002523	23377	0.82	46388
CDL15_Pgr002679	135.36	123.95	130.35
CDL15_Pgr002684	0.93	0.64	0.73
CDL15_Pgr002752	170.58	153.91	161.50

CDL15_Pgr002767	333.20	219.39	282.47
CDL15_Pgr002799	44232	21276	30407
CDL15_Pgr002803	70.36	39.51	43.15
CDL15_Pgr002834	17.87	14.85	16.17
CDL15_Pgr002867	45.91	34.48	37.98
CDL15_Pgr002868	0.63	0	0.26
CDL15_Pgr002877	25600	20455	26299
CDL15_Pgr002931	18.21	12024	36495
CDL15_Pgr002954	135.86	100.89	120.35
CDL15_Pgr002972	14093	30742	14763
CDL15_Pgr002975	31533	44472	42461
CDL15_Pgr002979	0.67	0.25	0.48
CDL15_Pgr002995	13.92	44263	26146
CDL15_Pgr003014	21245	44318	44228
CDL15_Pgr003021	44292	26299	20149
CDL15_Pgr003024	62.66	43.13	50.32
CDL15_Pgr003036	84.43	53.35	65.38
CDL15_Pgr003065	0.89	0.44	0.64
CDL15_Pgr003075	124.93	79.24	87.08
CDL15_Pgr003077	19054	43160	13210
CDL15_Pgr003087	769.40	339.26	411.78
CDL15_Pgr003093	44835	25416	44205
CDL15_Pgr003096	45717	0.59	10959
CDL15_Pgr003113	44411	47150	16469
CDL15_Pgr003123	30590	45536	10.00
CDL15_Pgr003132	15.39	42552	11933
CDL15_Pgr003150	18.69	44409	14550
CDL15_Pgr003164	60.48	47.29	51.28
CDL15_Pgr003169	74.54	53.62	58.32
CDL15_Pgr003175	44277	44548	19.77
CDL15_Pgr003192	44325	45474	30864
CDL15_Pgr003206	0.51	0.08	0.28
CDL15_Pgr003239	44434	19.13	21.89
CDL15_Pgr003244	34790	0.95	35796
CDL15_Pgr003247	1013.44	721.69	767.31

CDL15_Pgr003254	66.59	48.47	58.15
CDL15_Pgr003257	44203	16438	19784
CDL15_Pgr003288	0.53	0.07	0.21
CDL15_Pgr003302	13.90	44206	43040
CDL15_Pgr003308	0.77	0.55	0.66
CDL15_Pgr003314	26.98	21763	11263
CDL15_Pgr003329	16862	0.80	46753
CDL15_Pgr003341	68.61	52.85	60.53
CDL15_Pgr003350	29.24	44547	18.50
CDL15_Pgr003362	25.83	17.33	20.50
CDL15_Pgr003369	99.36	70.69	85.08
CDL15_Pgr003373	44202	44256	13241
CDL15_Pgr003379	22.30	17.98	20.38
CDL15_Pgr003394	44.54	18.42	30.94
CDL15_Pgr003409	190.62	141.67	159.50
CDL15_Pgr003455	35004	33848	45931
CDL15_Pgr003458	23.53	44274	19.96
CDL15_Pgr003465	77.15	68.76	72.33
CDL15_Pgr003468	44338	13.60	15.62
CDL15_Pgr003472	35.04	26.89	27.94
CDL15_Pgr003476	35855	0.82	13912
CDL15_Pgr003500	15.23	17137	13.26
CDL15_Pgr003504	21.34	44305	19.46
CDL15_Pgr003518	68.45	50.00	53.35
CDL15_Pgr003531	44467	16.76	19.72
CDL15_Pgr003537	42552	42125	13271
CDL15_Pgr003549	53.44	33.30	38.87
CDL15_Pgr003570	0.32	0.22	0.23
CDL15_Pgr003578	50.15	30.97	35.52
CDL15_Pgr003625	15.34	13.68	14.60
CDL15_Pgr003632	13759	16558	41821
CDL15_Pgr003638	30317	0	0.41
CDL15_Pgr003648	48.45	28.87	33.59
CDL15_Pgr003655	71.06	32.17	43.63
CDL15_Pgr003680	16193	28887	16132

CDL15_Pgr003685	40.12	25.87	32.07
CDL15_Pgr003693	46.88	35.26	39.77
CDL15_Pgr003727	225.81	167.04	182.07
CDL15_Pgr003743	44510	29799	44386
CDL15_Pgr003744	17.46	13424	27334
CDL15_Pgr003753	22.72	19.46	44276
CDL15_Pgr003756	34578	44202	36342
CDL15_Pgr003757	29.91	19.79	22.85
CDL15_Pgr003760	35551	44444	21671
CDL15_Pgr003765	44294	12571	44415
CDL15_Pgr003768	24.72	18.16	20.87
CDL15_Pgr003779	44212	41883	46296
CDL15_Pgr003817	21.31	15.68	17.64
CDL15_Pgr003820	43.20	18.53	20.96
CDL15_Pgr003821	13058	25750	19937
CDL15_Pgr003852	27.20	16.17	19.78
CDL15_Pgr003857	45.92	25.64	31.32
CDL15_Pgr003860	36192	0.96	20090
CDL15_Pgr003863	1938.10	784.36	1146.50
CDL15_Pgr003874	97.28	61.46	73.24
CDL15_Pgr003890	0.82	0.42	0.47
CDL15_Pgr003987	283.12	165.15	202.45
CDL15_Pgr003993	0.89	0.52	0.63
CDL15_Pgr004019	47.86	23.74	32.71
CDL15_Pgr004087	44621	20090	46419
CDL15_Pgr004112	424.22	148.44	279.90
CDL15_Pgr004145	44228	0.99	41275
CDL15_Pgr004155	15.00	45047	24351
CDL15_Pgr004163	29.65	21.28	25.82
CDL15_Pgr004195	30.14	13.92	21.23
CDL15_Pgr004201	14.36	12997	13789
CDL15_Pgr004205	45778	44256	31107
CDL15_Pgr004208	32874	0	0.87
CDL15_Pgr004215	34820	11383	44504
CDL15_Pgr004219	46508	18688	42826

CDL15_Pgr004256	211.40	172.56	177.65
CDL15_Pgr004280	119.71	64.96	75.13
CDL15_Pgr004294	44387	44348	44355
CDL15_Pgr004339	168.18	79.43	95.14
CDL15_Pgr004388	15797	17899	41306
CDL15_Pgr004406	42.26	35.48	38.42
CDL15_Pgr004419	36.99	14.49	18.50
CDL15_Pgr004423	44509	22798	16984
CDL15_Pgr004440	19.34	17441	15.19
CDL15_Pgr004458	45.76	39.99	41.18
CDL15_Pgr004478	35.35	25.67	44497
CDL15_Pgr004479	138.96	64.21	77.69
CDL15_Pgr004527	71.64	49.76	51.95
CDL15_Pgr004543	11049	44473	41730
CDL15_Pgr004620	15646	16984	46235
CDL15_Pgr004632	0.73	0.50	0.61
CDL15_Pgr004639	0.42	0.05	0.23
CDL15_Pgr004668	29495	13912	45017
CDL15_Pgr004678	93.05	56.42	60.45
CDL15_Pgr004686	17380	32234	44202
CDL15_Pgr004689	0.28	0.11	0.18
CDL15_Pgr004691	99.73	83.81	91.79
CDL15_Pgr004719	38.33	20.62	29.47
CDL15_Pgr004722	20.13	15.96	17.56
CDL15_Pgr004800	32933	33270	44503
CDL15_Pgr004822	50.49	30.90	39.90
CDL15_Pgr004823	35.42	30.33	31.96
CDL15_Pgr004834	42491	43132	28157
CDL15_Pgr004864	31321	44449	45200
CDL15_Pgr004901	135.29	66.74	84.80
CDL15_Pgr004906	31837	44986	19054
CDL15_Pgr004942	13.81	33909	13119
CDL15_Pgr004946	13.81	33909	13119
CDL15_Pgr004963	49.62	14.93	21.63
CDL15_Pgr004972	14.55	28338	29830

CDL15_Pgr004989	77.04	68.84	70.36
CDL15_Pgr005010	44.05	32.36	36.00
CDL15_Pgr005108	18994	0.09	0.49
CDL15_Pgr005119	0.84	0.42	0.53
CDL15_Pgr005135	43160	10990	21217
CDL15_Pgr005165	79.83	52.84	62.78
CDL15_Pgr005193	24198	35827	31107
CDL15_Pgr005194	46235	15036	35490
CDL15_Pgr005202	25.78	17.89	19.19
CDL15_Pgr005212	20637	17258	33695
CDL15_Pgr005278	19.99	24624	13.29
CDL15_Pgr005284	14.46	23651	15281
CDL15_Pgr005295	120.62	82.87	101.73
CDL15_Pgr005296	22.79	19.32	19.94
CDL15_Pgr005298	137.93	97.82	108.83
CDL15_Pgr005327	22098	17654	26420
CDL15_Pgr005334	25934	11324	13150
CDL15_Pgr005338	44321	12844	29646
CDL15_Pgr005348	35735	44044	44805
CDL15_Pgr005360	28491	0.65	44317
CDL15_Pgr005369	44.06	21.92	27.92
CDL15_Pgr005371	24.59	19.82	20.43
CDL15_Pgr005377	44442	27760	44229
CDL15_Pgr005387	136.26	108.90	118.94
CDL15_Pgr005395	21947	45292	20455
CDL15_Pgr005414	21.90	18.74	19.31
CDL15_Pgr005416	88.01	48.60	52.92
CDL15_Pgr005454	47.36	31.25	33.21
CDL15_Pgr005466	21459	44448	16681
CDL15_Pgr005505	10959	0.63	0.70
CDL15_Pgr005514	44468	22.59	24.54
CDL15_Pgr005561	35.19	26.48	44467
CDL15_Pgr005570	23468	13940	28915
CDL15_Pgr005576	60.50	52.64	55.06
CDL15_Pgr005578	22.73	18.51	44247

CDL15_Pgr005589	34029	10990	25235
CDL15_Pgr005598	20.16	13.99	17.29
CDL15_Pgr005605	38.57	22.58	28.23
CDL15_Pgr005627	17411	24167	24959
CDL15_Pgr005633	18629	0.17	0.52
CDL15_Pgr005668	359.91	198.85	220.98
CDL15_Pgr005695	12816	45658	24473
CDL15_Pgr005703	13.49	30834	29037
CDL15_Pgr005706	31.21	22.96	27.54
CDL15_Pgr005707	51.29	27.37	44346
CDL15_Pgr005709	44450	43282	43678
CDL15_Pgr005710	984.38	205.57	575.25
CDL15_Pgr005718	25.66	20.91	22.95
CDL15_Pgr005726	35.91	30.24	31.93
CDL15_Pgr005728	46082	0.11	0.56
CDL15_Pgr005750	28185	3.00	13575
CDL15_Pgr005783	35582	44473	25294
CDL15_Pgr005842	202.41	33.46	52.07
CDL15_Pgr005845	50.75	35.78	38.49
CDL15_Pgr005853	87.31	77.74	81.18
CDL15_Pgr005860	21.82	15250	15.84
CDL15_Pgr005878	0.16	0	0.08
CDL15_Pgr005902	18.16	22828	32021
CDL15_Pgr005909	44257	42005	23377
CDL15_Pgr005912	37.98	23.00	25.46
CDL15_Pgr005954	75.64	61.61	67.16
CDL15_Pgr006003	16772	44415	29099
CDL15_Pgr006014	30.95	24.83	27.56
CDL15_Pgr006039	38.64	14.52	24.94
CDL15_Pgr006075	25659	17199	28887
CDL15_Pgr006106	20.69	44513	15.30
CDL15_Pgr006114	28581	26330	45717
CDL15_Pgr006177	20.63	13.37	17.15
CDL15_Pgr006224	44295	44743	14793
CDL15_Pgr006233	459.71	316.49	371.84

CDL15_Pgr006254	158.74	111.60	127.56
CDL15_Pgr006278	21671	27089	11780
CDL15_Pgr006310	311.99	50.39	115.26
CDL15_Pgr006312	0.48	0.07	0.18
CDL15_Pgr006337	0.26	0.03	0.07
CDL15_Pgr006356	34881	21306	44475
CDL15_Pgr006380	14.71	33817	12328
CDL15_Pgr006382	18172	20180	22037
CDL15_Pgr006406	52.13	38.00	43.00
CDL15_Pgr006437	210.18	142.48	150.13
CDL15_Pgr006446	27.18	8.00	14.31
CDL15_Pgr006470	37.26	21.82	23.89
CDL15_Pgr006472	44258	17899	27760
CDL15_Pgr006502	0.36	0.14	0.18
CDL15_Pgr006507	32843	33756	21002
CDL15_Pgr006535	27395	0.85	44348
CDL15_Pgr006588	33298	14277	44230
CDL15_Pgr006607	23377	44348	41275
CDL15_Pgr006628	44416	44412	12905
CDL15_Pgr006643	45597	18080	11202
CDL15_Pgr006661	21367	44352	15493
CDL15_Pgr006677	26877	28672	35977
CDL15_Pgr006729	0.49	0.05	0.10
CDL15_Pgr006733	21.16	18.24	18.89
CDL15_Pgr006734	42644	28338	42614
CDL15_Pgr006736	0.79	0.13	0.27
CDL15_Pgr006751	15.27	13.35	14.44
CDL15_Pgr006763	15.18	28642	19299
CDL15_Pgr006797	99.20	79.33	82.63
CDL15_Pgr006828	55.01	35.12	42.56
CDL15_Pgr006846	16163	21217	44533
CDL15_Pgr006856	63.87	49.31	56.96
CDL15_Pgr006871	31.91	24.30	27.52
CDL15_Pgr006874	15766	46419	31444
CDL15_Pgr006882	29281	43497	16103

CDL15_Pgr006884	44425	25508	16772
CDL15_Pgr006887	158.21	84.20	119.87
CDL15_Pgr006897	22372	25965	35096
CDL15_Pgr006899	42826	44531	15342
CDL15_Pgr006915	17.90	11232	14.30
CDL15_Pgr006918	20.15	44449	14185
CDL15_Pgr006923	44835	44506	12632
CDL15_Pgr006940	47300	32234	28611
CDL15_Pgr006941	23.23	32448	15.69
CDL15_Pgr006954	338.93	213.86	254.46
CDL15_Pgr006961	43891	44532	17564
CDL15_Pgr006997	32.78	27.63	29.66
CDL15_Pgr007011	31.48	18.56	22.57
CDL15_Pgr007013	77.33	51.05	61.63
CDL15_Pgr007017	41548	26177	30926
CDL15_Pgr007047	22.85	14.24	17.34
CDL15_Pgr007051	19.00	22433	15585
CDL15_Pgr007053	14.00	44511	14916
CDL15_Pgr007061	25.33	17.15	18.55
CDL15_Pgr007065	38.49	14.42	44254
CDL15_Pgr007073	45658	0.28	0.38
CDL15_Pgr007138	13.36	44419	30621
CDL15_Pgr007156	44214	15.69	16.25
CDL15_Pgr007166	83.39	41.84	50.08
CDL15_Pgr007215	13.49	45566	24777
CDL15_Pgr007248	113.97	85.84	99.40
CDL15_Pgr007255	76.79	57.25	64.16
CDL15_Pgr007269	44237	14001	34851
CDL15_Pgr007272	0.64	0.20	0.45
CDL15_Pgr007273	205.07	145.93	176.63
CDL15_Pgr007284	374.26	303.46	342.41
CDL15_Pgr007285	1219.66	602.18	764.91
CDL15_Pgr007296	22798	27454	13271
CDL15_Pgr007309	32.44	22.85	26.98
CDL15_Pgr007311	44315	24.77	25.94

CDL15_Pgr007322	44235	35490	24929
CDL15_Pgr007328	43101	0.89	0.92
CDL15_Pgr007333	80.68	54.21	59.28
CDL15_Pgr007337	21.61	27273	11658
CDL15_Pgr007355	39.70	19.26	21.60
CDL15_Pgr007359	17989	10959	32874
CDL15_Pgr007378	19.86	15646	13.75
CDL15_Pgr007405	44511	19541	44263
CDL15_Pgr007406	33.20	21.21	44553
CDL15_Pgr007424	18780	11049	28216
CDL15_Pgr007429	44208	31291	15250
CDL15_Pgr007438	18.86	27638	21855
CDL15_Pgr007448	163.31	36.12	80.59
CDL15_Pgr007451	15.94	28004	43070
CDL15_Pgr007456	189.16	102.45	143.01
CDL15_Pgr007475	13.73	24685	44296
CDL15_Pgr007484	29707	46784	20880
CDL15_Pgr007496	21.22	18.98	19.59
CDL15_Pgr007517	0.28	0	0.04
CDL15_Pgr007522	28795	44264	44105
CDL15_Pgr007534	16.65	43435	14.24
CDL15_Pgr007545	27791	0.81	18994
CDL15_Pgr007557	13424	45689	27820
CDL15_Pgr007558	16469	44531	20821
CDL15_Pgr007581	0.36	0.11	0.17
CDL15_Pgr007584	0.36	0.11	0.17
CDL15_Pgr007600	27.95	21.61	23.56
CDL15_Pgr007619	93.56	51.79	65.75
CDL15_Pgr007670	1806.36	547.60	1088.94
CDL15_Pgr007713	159.88	112.09	127.51
CDL15_Pgr007754	45992	30468	14793
CDL15_Pgr007757	41.89	22.96	27.37
CDL15_Pgr007758	18445	45413	25689
CDL15_Pgr007767	0.61	0	0.21
CDL15_Pgr007774	336.96	176.79	204.74

CDL15_Pgr007777	23.94	44201	25447
CDL15_Pgr007796	62.52	33.37	37.17
CDL15_Pgr007799	92.75	45.59	50.92
CDL15_Pgr007817	18.32	13.67	15.99
CDL15_Pgr007877	30.26	21.48	44373
CDL15_Pgr007878	0.79	0.61	0.69
CDL15_Pgr007884	44245	22251	14.86
CDL15_Pgr007928	23102	31413	32174
CDL15_Pgr007939	15.45	13089	33543
CDL15_Pgr007950	83.73	49.61	52.93
CDL15_Pgr007952	26359	45658	42767
CDL15_Pgr007965	43497	17168	20090
CDL15_Pgr007974	21337	27089	43191
CDL15_Pgr007976	29.51	21.18	23.56
CDL15_Pgr008005	0.22	0.09	0.14
CDL15_Pgr008011	17319	6.00	44322
CDL15_Pgr008013	72.73	61.84	63.06
CDL15_Pgr008035	24139	44502	13912
CDL15_Pgr008051	67.89	58.89	62.28
CDL15_Pgr008094	27973	20941	44713
CDL15_Pgr008098	44479	45444	16984
CDL15_Pgr008108	44203	46844	44317
CDL15_Pgr008118	0.66	0	0.23
CDL15_Pgr008125	82.28	60.65	71.92
CDL15_Pgr008133	34001	23743	42401
CDL15_Pgr008205	0.56	0.34	0.46
CDL15_Pgr008216	34608	12966	26512
CDL15_Pgr008233	16.99	42156	28338
CDL15_Pgr008236	14.20	44348	28369
CDL15_Pgr008238	29983	44379	44958
CDL15_Pgr008244	41518	35886	41821
CDL15_Pgr008258	0.93	0.17	0.35
CDL15_Pgr008264	44504	42370	29952
CDL15_Pgr008364	13881	0.73	0.83
CDL15_Pgr008387	12913.37	5722.47	9147.18

CDL15_Pgr008423	37.15	25.28	30.65
CDL15_Pgr008427	19572	43891	27150
CDL15_Pgr008472	23224	44231	43221
CDL15_Pgr008486	179.40	54.29	110.91
CDL15_Pgr008494	0.25	0	0.13
CDL15_Pgr008511	14.13	21671	45170
CDL15_Pgr008545	79.53	69.90	73.31
CDL15_Pgr008578	144.81	67.52	80.14
CDL15_Pgr008598	13089	29434	33848
CDL15_Pgr008599	64.86	51.13	57.49
CDL15_Pgr008624	24167	13912	20486
CDL15_Pgr008659	44287	0.54	0.65
CDL15_Pgr008726	44473	14277	23043
CDL15_Pgr008727	2590.82	1041.17	1223.44
CDL15_Pgr008769	45748	32905	12844
CDL15_Pgr008785	33.26	20.60	24.43
CDL15_Pgr008787	26.64	44363	44307
CDL15_Pgr008788	13.79	41852	17807
CDL15_Pgr008806	25.38	13.41	16.82
CDL15_Pgr008818	46023	0.20	0.33
CDL15_Pgr008850	0.42	0.08	0.17
CDL15_Pgr008851	92.14	79.04	81.68
CDL15_Pgr008889	14.47	31229	29434
CDL15_Pgr008902	78.73	50.68	55.36
CDL15_Pgr008916	17.56	28065	13.43
CDL15_Pgr008918	17533	0.98	41275
CDL15_Pgr008925	39.19	32.35	35.18
CDL15_Pgr008928	28369	28550	32994
CDL15_Pgr008930	0.77	0.19	0.28
CDL15_Pgr008948	94.23	76.21	81.98
CDL15_Pgr008984	21217	0.49	0.75
CDL15_Pgr008996	185.94	115.67	142.79
CDL15_Pgr009006	15707	0.46	0.95
CDL15_Pgr009019	83.76	62.14	72.28
CDL15_Pgr009043	24.33	26634	18.35

CDL15_Pgr009055	31.37	44464	44253
CDL15_Pgr009056	26177	26846	18111
CDL15_Pgr009057	37.69	34.14	35.93
CDL15_Pgr009074	41883	35977	15919
CDL15_Pgr009099	21.87	13.77	15.93
CDL15_Pgr009226	29952	0.37	0.85
CDL15_Pgr009249	33.90	29.55	31.74
CDL15_Pgr009286	16041	43313	36373
CDL15_Pgr009337	19.53	33909	14.28
CDL15_Pgr009345	12632	0	30348
CDL15_Pgr009349	37.75	21.45	25.21
CDL15_Pgr009350	44.20	20.93	30.28
CDL15_Pgr009369	26908	36251	24959
CDL15_Pgr009418	34121	20486	46844
CDL15_Pgr009445	89.37	60.96	71.67
CDL15_Pgr009454	24351	16224	15888
CDL15_Pgr009465	46844	47119	11355
CDL15_Pgr009483	46235	32660	44262
CDL15_Pgr009491	46.15	27.43	30.15
CDL15_Pgr009521	44256	0.17	0.70
CDL15_Pgr009549	60.29	40.26	42.99
CDL15_Pgr009550	52.66	33.27	37.04
CDL15_Pgr009551	60.59	47.48	49.35
CDL15_Pgr009554	44237	43282	26877
CDL15_Pgr009562	44324	20880	11079
CDL15_Pgr009564	260.78	122.19	144.58
CDL15_Pgr009566	44381	16103	30348
CDL15_Pgr009568	49.57	40.92	42.49
CDL15_Pgr009587	40.09	33.55	36.56
CDL15_Pgr009592	0.70	0.27	0.33
CDL15_Pgr009593	25.62	14.64	16.96
CDL15_Pgr009614	49.91	41.88	46.22
CDL15_Pgr009674	67.76	33.34	44.80
CDL15_Pgr009695	62.39	60.03	60.71
CDL15_Pgr009720	31.27	27.53	29.47

CDL15_Pgr009724	16132	36161	10990
CDL15_Pgr009725	44501	0.47	0.82
CDL15_Pgr009740	39.77	37.49	38.07
CDL15_Pgr009772	89.18	55.03	64.13
CDL15_Pgr009795	23682	34912	44418
CDL15_Pgr009811	45748	34700	31079
CDL15_Pgr009829	44422	11232	34243
CDL15_Pgr009831	0.49	0.14	0.25
CDL15_Pgr009850	45.07	34.42	38.41
CDL15_Pgr009859	163.19	148.43	155.48
CDL15_Pgr009860	19.95	45200	17502
CDL15_Pgr009931	44228	0.56	0.79
CDL15_Pgr009935	22068	14732	32264
CDL15_Pgr009948	26.87	18.34	20.52
CDL15_Pgr009978	15158	15097	13302
CDL15_Pgr009986	18415	28611	42887
CDL15_Pgr009987	15.76	21064	28795
CDL15_Pgr010032	25.61	22.20	23.53
CDL15_Pgr010128	729.28	193.19	466.43
CDL15_Pgr010145	190.09	62.96	113.33
CDL15_Pgr010225	35034	13058	27699
CDL15_Pgr010318	511.23	294.66	362.37
CDL15_Pgr010324	1759.52	1176.70	1238.94
CDL15_Pgr010325	16.50	13.57	14.29
CDL15_Pgr010340	0.81	0.36	0.54
CDL15_Pgr010342	118.10	102.26	108.07
CDL15_Pgr010356	15.82	18568	36495
CDL15_Pgr010369	35400	44237	36434
CDL15_Pgr010427	36.22	15.91	26.76
CDL15_Pgr010459	42644	16984	33420
CDL15_Pgr010473	13.45	45962	14580
CDL15_Pgr010526	44254	23.35	24.90
CDL15_Pgr010538	13.45	34151	30895
CDL15_Pgr010543	42125	23377	44288
CDL15_Pgr010579	34.97	44437	30.93

CDL15_Pgr010590	46023	0.70	0.87
CDL15_Pgr010592	150.78	115.15	118.84
CDL15_Pgr010620	35431	0.58	0.73
CDL15_Pgr010649	16558	13940	43556
CDL15_Pgr010650	23012	0.13	0.87
CDL15_Pgr010653	35796	13150	20821
CDL15_Pgr010654	12055	0	0.31
CDL15_Pgr010688	15008	0.45	46753
CDL15_Pgr010689	39.99	20.78	31.51
CDL15_Pgr010716	0.27	0	0.09
CDL15_Pgr010717	27760	0.27	0.56
CDL15_Pgr010751	35.70	44246	20.75
CDL15_Pgr010768	44456	35339	13.60
CDL15_Pgr010774	14001	23043	44380
CDL15_Pgr010791	13881	0.76	0.94
CDL15_Pgr010796	13.89	44348	44293
CDL15_Pgr010821	56.93	36.73	48.10
CDL15_Pgr010848	34.23	44555	26.76
CDL15_Pgr010890	625.54	415.38	491.54
CDL15_Pgr010907	44504	23377	44958
CDL15_Pgr010908	18080	11414	12175
CDL15_Pgr010925	82.51	60.37	62.61
CDL15_Pgr010935	28.61	20.50	21.86
CDL15_Pgr010979	67.83	57.87	58.90
CDL15_Pgr010983	32.26	44423	44520
CDL15_Pgr010984	26634	30529	20729
CDL15_Pgr011031	0.21	0.04	0.11
CDL15_Pgr011062	21.42	13.28	44332
CDL15_Pgr011106	110.20	83.09	95.23
CDL15_Pgr011126	42795	44562	44958
CDL15_Pgr011131	14427	42522	20241
CDL15_Pgr011226	44228	0.22	0.30
CDL15_Pgr011257	599.72	131.59	249.42
CDL15_Pgr011267	28.98	15.58	20.91
CDL15_Pgr011279	78.22	24.81	39.28

CDL15_Pgr011300	0.71	0	0.36
CDL15_Pgr011345	32174	0.87	44531
CDL15_Pgr011346	35521	25934	44442
CDL15_Pgr011362	41.67	34.14	36.73
CDL15_Pgr011366	20699	42583	27242
CDL15_Pgr011422	20.85	16.71	17.95
CDL15_Pgr011436	71.65	45.19	56.61
CDL15_Pgr011469	25.80	20.72	22.94
CDL15_Pgr011484	48.80	36.26	42.94
CDL15_Pgr011495	17.99	0.75	14336
CDL15_Pgr011497	13.71	14885	22586
CDL15_Pgr011502	90.49	73.36	76.70
CDL15_Pgr011513	17199	0.44	0.94
CDL15_Pgr011515	59.65	37.13	40.43
CDL15_Pgr011516	32021	24198	36281
CDL15_Pgr011517	58.88	16.71	20.81
CDL15_Pgr011524	30133	17227	44290
CDL15_Pgr011543	29618	31048	14277
CDL15_Pgr011568	25235	12785	31413
CDL15_Pgr011608	75.97	53.13	65.77
CDL15_Pgr011609	9.00	11110	44537
CDL15_Pgr011713	12816	0.78	18994
CDL15_Pgr011738	16.52	18142	43435
CDL15_Pgr011750	13.55	15067	44353
CDL15_Pgr011759	22.53	44367	20.45
CDL15_Pgr011778	0.35	0	0.12
CDL15_Pgr011810	28550	27061	43160
CDL15_Pgr011812	17.30	35004	36130
CDL15_Pgr011829	13089	33390	44264
CDL15_Pgr011849	56.60	35.64	38.28
CDL15_Pgr011852	45047	32874	11383
CDL15_Pgr011858	13.81	19998	13820
CDL15_Pgr011880	33.77	15.24	20.53
CDL15_Pgr011931	13516	0.15	0.45
CDL15_Pgr011949	15.90	44448	15615

CDL15_Pgr011976	0.13	0	0.03
CDL15_Pgr012013	0.31	0	0.06
CDL15_Pgr012043	31503	12510	18719
CDL15_Pgr012048	44539	21033	32356
CDL15_Pgr012051	16.89	13.54	14.51
CDL15_Pgr012052	11871	44381	45047
CDL15_Pgr012056	24351	12145	44445
CDL15_Pgr012057	35.36	29.72	32.07
CDL15_Pgr012061	0.42	0.06	0.13
CDL15_Pgr012089	165.57	64.90	90.37
CDL15_Pgr012099	24.14	19.39	19.97
CDL15_Pgr012114	37.49	24.87	28.74
CDL15_Pgr012116	199.95	127.94	136.72
CDL15_Pgr012131	0.70	0.04	0.15
CDL15_Pgr012138	21.47	17.45	18.34
CDL15_Pgr012140	0.91	0.07	0.27
CDL15_Pgr012188	41671	0.78	13516
CDL15_Pgr012191	36.09	44377	32.02
CDL15_Pgr012195	27791	44531	20455
CDL15_Pgr012207	17.68	18963	14.36
CDL15_Pgr012440	26420	20576	21671
CDL15_Pgr012444	15220	24898	35551
CDL15_Pgr012526	19815	24167	29646
CDL15_Pgr012534	66.40	51.14	56.68
CDL15_Pgr012536	30.26	24.71	25.48
CDL15_Pgr012579	0.18	0	0.06
CDL15_Pgr012608	585.67	335.69	365.66
CDL15_Pgr012625	25569	0.71	41640
CDL15_Pgr012630	44514	44542	44390
CDL15_Pgr012632	21429	32874	41334
CDL15_Pgr012641	90.70	60.29	75.92
CDL15_Pgr012648	44251	35339	34669
CDL15_Pgr012739	81.60	59.79	67.48
CDL15_Pgr012764	34.33	23.67	29.29
CDL15_Pgr012845	0.80	0	0.08

CDL15_Pgr012857	13.14	23651	16377
CDL15_Pgr012858	14763	4.00	22372
CDL15_Pgr012869	47209	44958	45717
CDL15_Pgr012915	20972	44290	44382
CDL15_Pgr012973	0.45	0	0.23
CDL15_Pgr012976	14702	24473	44288
CDL15_Pgr012987	15373	0.36	10959
CDL15_Pgr013022	27881	32540	22706
CDL15_Pgr013025	28.73	21.46	24.32
CDL15_Pgr013060	44835	22737	44537
CDL15_Pgr013097	86.70	27.92	57.37
CDL15_Pgr013101	44415	11414	23468
CDL15_Pgr013151	295.54	240.09	248.12
CDL15_Pgr013156	21855	31686	43040
CDL15_Pgr013168	152.11	68.92	79.81
CDL15_Pgr013196	350.85	199.25	258.52
CDL15_Pgr013197	50.72	26.26	38.61
CDL15_Pgr013204	25.62	18.75	20.35
CDL15_Pgr013261	0.14	0	0.07
CDL15_Pgr013285	34.44	30.22	31.50
CDL15_Pgr013296	76.51	48.91	64.57
CDL15_Pgr013344	22.39	15.38	16.92
CDL15_Pgr013355	24198	16469	16132
CDL15_Pgr013358	72.70	43.40	52.71
CDL15_Pgr013370	32813	16193	43647
CDL15_Pgr013414	34731	42370	25569
CDL15_Pgr013420	44.41	33.98	39.41
CDL15_Pgr013434	25720	24504	21976
CDL15_Pgr013438	22402	44471	22313
CDL15_Pgr013453	128.67	72.72	80.28
CDL15_Pgr013456	16711	22678	31107
CDL15_Pgr013478	18749	34394	42095
CDL15_Pgr013500	44.78	28.72	31.85
CDL15_Pgr013536	69.99	28.37	41.36
CDL15_Pgr013581	44210	24442	32112

CDL15_Pgr013588	17564	0.92	10959
CDL15_Pgr013599	25.98	33208	16.77
CDL15_Pgr013626	44560	13.58	16.21
CDL15_Pgr013628	34973	17746	44478
CDL15_Pgr013640	116.60	92.92	99.24
CDL15_Pgr013664	282.41	170.58	198.83
CDL15_Pgr013672	44317	0.33	0.54
CDL15_Pgr013675	67.31	54.86	58.92
CDL15_Pgr013722	41306	0.25	0.57
CDL15_Pgr013738	64.81	40.05	42.49
CDL15_Pgr013763	208.35	146.63	173.48
CDL15_Pgr013773	198.71	103.11	131.22
CDL15_Pgr013786	0.42	0	0.22
CDL15_Pgr013795	36495	17807	16377
CDL15_Pgr013881	44410	0.25	44378
CDL15_Pgr013906	30742	28522	13210
CDL15_Pgr013909	17930	0.49	0.93
CDL15_Pgr013947	17654	31413	11355
CDL15_Pgr013961	34060	44410	21217
CDL15_Pgr013967	90.58	57.04	73.16
CDL15_Pgr013968	44280	18.69	21.63
CDL15_Pgr013977	27851	29587	28157
CDL15_Pgr013994	0.36	0.18	0.21
CDL15_Pgr014005	141.17	74.52	109.56
CDL15_Pgr014006	44.71	39.75	40.79
CDL15_Pgr014013	0.93	0.72	0.76
CDL15_Pgr014035	69.14	54.61	61.22
CDL15_Pgr014075	26.38	18.15	19.90
CDL15_Pgr014076	32721	44384	33786
CDL15_Pgr014102	36.56	17.17	26.61
CDL15_Pgr014205	42217	28887	28550
CDL15_Pgr014221	16.93	27515	44447
CDL15_Pgr014227	30.16	14.51	44549
CDL15_Pgr014240	30.55	41974	14.82
CDL15_Pgr014247	20637	34425	43983

CDL15_Pgr014272	0.67	0.19	0.30
CDL15_Pgr014289	30926	43282	12997
CDL15_Pgr014299	20972	12145	31503
CDL15_Pgr014303	23.35	18354	19876
CDL15_Pgr014318	43221	44593	42430
CDL15_Pgr014328	15.29	43800	13.65
CDL15_Pgr014367	88.21	31.58	40.78
CDL15_Pgr014407	39.82	20.30	23.65
CDL15_Pgr014416	80.37	45.12	54.52
CDL15_Pgr014431	22859	20241	29738
CDL15_Pgr014448	16984	18719	20576
CDL15_Pgr014471	39.66	25.18	26.64
CDL15_Pgr014481	98.03	50.06	54.73
CDL15_Pgr014493	32540	0.50	44927
CDL15_Pgr014511	44464	31747	15.22
CDL15_Pgr014518	31990	26785	44476
CDL15_Pgr014540	30.90	25.82	27.26
CDL15_Pgr014548	42675	31594	41883
CDL15_Pgr014615	141.44	79.42	85.62
CDL15_Pgr014622	18.17	28672	34547
CDL15_Pgr014642	0.87	0	0.13
CDL15_Pgr014651	44318	42370	13881
CDL15_Pgr014658	23.90	23682	15.43
CDL15_Pgr014673	33.97	24.43	28.39
CDL15_Pgr014698	1350.19	1065.65	1163.47
CDL15_Pgr014699	43009	15067	5.00
CDL15_Pgr014700	18050	19845	27881
CDL15_Pgr014704	62.58	44216	28.63
CDL15_Pgr014710	67.31	40.90	45.50
CDL15_Pgr014715	0.80	0	0.08
CDL15_Pgr014722	0.81	0.38	0.45
CDL15_Pgr014762	447.29	267.32	288.01
CDL15_Pgr014765	35916	16862	12145
CDL15_Pgr014769	0.72	0.06	0.25
CDL15_Pgr014783	16772	45901	33147

CDL15_Pgr014793	58.15	44.84	51.67
CDL15_Pgr014795	14.61	30926	14885
CDL15_Pgr014803	76.12	30.82	54.61
CDL15_Pgr014812	0.37	0.08	0.13
CDL15_Pgr014846	90.64	59.32	68.80
CDL15_Pgr014877	65.68	30.91	34.77
CDL15_Pgr014904	24108	0.35	0.57
CDL15_Pgr014911	22.75	18.66	20.49
CDL15_Pgr014916	112.45	91.60	103.42
CDL15_Pgr014950	23559	35156	11079
CDL15_Pgr014960	33848	45047	15493
CDL15_Pgr014971	31.16	24.58	25.22
CDL15_Pgr014985	64.16	36.16	40.79
CDL15_Pgr014988	218.16	85.88	118.27
CDL15_Pgr014990	212.21	141.13	155.12
CDL15_Pgr015016	32417	44509	44418
CDL15_Pgr015026	11.00	44236	45901
CDL15_Pgr015033	52.54	26.60	40.06
CDL15_Pgr015034	0.72	0.39	0.46
CDL15_Pgr015035	0.28	0.03	0.17
CDL15_Pgr015041	13881	0.06	0.39
CDL15_Pgr015060	18719	44257	31444
CDL15_Pgr015073	62.51	38.38	42.09
CDL15_Pgr015075	31138	0	24108
CDL15_Pgr015131	44444	43862	34731
CDL15_Pgr015169	13.31	44326	31686
CDL15_Pgr015175	14.21	27273	44166
CDL15_Pgr015177	43132	0.92	41275
CDL15_Pgr015202	28.88	32021	15.54
CDL15_Pgr015203	207.88	122.84	139.78
CDL15_Pgr015204	14.80	31229	45901
CDL15_Pgr015207	0.69	0.32	0.39
CDL15_Pgr015221	22.69	13.35	16.65
CDL15_Pgr015227	16.13	24716	15311
CDL15_Pgr015250	47.86	22.47	26.30

CDL15_Pgr015267	13.96	27334	34669
CDL15_Pgr015269	23102	16497	44351
CDL15_Pgr015270	44323	25263	12875
CDL15_Pgr015275	29.15	19937	16.93
CDL15_Pgr015281	0.81	0	0.33
CDL15_Pgr015324	33.12	18.35	21.64
CDL15_Pgr015333	55.76	37.62	39.56
CDL15_Pgr015351	78.72	32.49	40.90
CDL15_Pgr015368	32599	47119	44257
CDL15_Pgr015372	89.60	78.98	80.04
CDL15_Pgr015373	18.13	19268	14.77
CDL15_Pgr015381	44494	19.97	22.61
CDL15_Pgr015390	178.72	99.43	143.59
CDL15_Pgr015431	266.03	140.86	166.57
CDL15_Pgr015459	0.38	0	0.10
CDL15_Pgr015475	32752	15158	19937
CDL15_Pgr015511	2282.82	1037.73	1738.39
CDL15_Pgr015516	414.91	260.51	304.51
CDL15_Pgr015542	159.48	106.61	122.45
CDL15_Pgr015555	71.85	43.92	47.26
CDL15_Pgr015574	44348	0.21	0.65
CDL15_Pgr015575	14671	0.62	44228
CDL15_Pgr015578	0.72	0.07	0.16
CDL15_Pgr015583	42278	28246	44355
CDL15_Pgr015594	14.75	44384	34151
CDL15_Pgr015596	75.11	41.39	53.27
CDL15_Pgr015601	26665	0	0.51
CDL15_Pgr015615	32629	0.49	11018
CDL15_Pgr015621	15.18	44480	21155
CDL15_Pgr015625	46143	13940	35490
CDL15_Pgr015626	19.78	13.20	14.31
CDL15_Pgr015630	0.38	0	0.20
CDL15_Pgr015633	16072	0.20	0.48
CDL15_Pgr015647	44256	0.85	0.88
CDL15_Pgr015656	31229	44317	30803

CDL15_Pgr015657	25324	32905	12875
CDL15_Pgr015658	144.65	99.64	113.01
CDL15_Pgr015669	14.89	29646	27973
CDL15_Pgr015697	65.42	50.93	59.12
CDL15_Pgr015731	0.25	0.03	0.12
CDL15_Pgr015751	0.60	0.09	0.27
CDL15_Pgr015754	12510	44441	44442
CDL15_Pgr015773	21551	0.63	0.95
CDL15_Pgr015791	14397	28915	44504
CDL15_Pgr015794	27607	20607	29037
CDL15_Pgr015802	18.24	24624	33817
CDL15_Pgr015813	44291	30742	17624
CDL15_Pgr015832	28.60	15.35	21.92
CDL15_Pgr015847	18.30	14.32	44392
CDL15_Pgr015852	26.22	20.20	21.89
CDL15_Pgr015880	18295	23012	34700
CDL15_Pgr015904	26.72	44522	24.17
CDL15_Pgr015914	42278	16193	35612
CDL15_Pgr015967	32082	12175	15919
CDL15_Pgr015968	24289	44384	46569
CDL15_Pgr015977	46753	0.13	0.33
CDL15_Pgr015983	205.89	126.11	139.85
CDL15_Pgr015989	38.18	36373	19329
CDL15_Pgr016010	27.60	23.86	25.49
CDL15_Pgr016029	110.22	71.30	89.05
CDL15_Pgr016033	26816	46844	20546
CDL15_Pgr016053	228.78	193.55	208.27
CDL15_Pgr016056	13.31	31625	33512
CDL15_Pgr016119	28.95	17.60	21.55
CDL15_Pgr016125	21.99	15.92	18.85
CDL15_Pgr016129	44417	20271	42948
CDL15_Pgr016131	55.95	33.80	41.77
CDL15_Pgr016140	24167	34700	42036
CDL15_Pgr016142	68.68	50.23	55.20
CDL15_Pgr016150	0.56	0.39	0.45

CDL15_Pgr016188	32.26	26.63	29.64
CDL15_Pgr016194	14305	43132	12086
CDL15_Pgr016242	54.76	34.20	38.98
CDL15_Pgr016269	17.72	28065	29921
CDL15_Pgr016288	12420	0.98	44378
CDL15_Pgr016304	0.97	0.15	0.26
CDL15_Pgr016318	22372	20852	28522
CDL15_Pgr016418	0.80	0.15	0.30
CDL15_Pgr016426	0.33	0	0.17
CDL15_Pgr016436	33.87	44543	15.75
CDL15_Pgr016477	94.25	68.47	80.66
CDL15_Pgr016527	44348	0.53	0.68
CDL15_Pgr016548	48.09	34.55	37.59
CDL15_Pgr016570	24.24	14.76	16.46
CDL15_Pgr016575	47.21	44255	31.24
CDL15_Pgr016579	44075	44537	45505
CDL15_Pgr016592	0.54	0.18	0.28
CDL15_Pgr016600	114.06	100.71	107.84
CDL15_Pgr016603	0.32	0.18	0.21
CDL15_Pgr016611	118.10	107.71	110.56
CDL15_Pgr016613	0.14	0	0.02
CDL15_Pgr016623	19.30	13.74	16.84
CDL15_Pgr016636	22.83	20.25	20.94
CDL15_Pgr016796	44440	0.24	0.50
CDL15_Pgr016832	14824	44713	31564
CDL15_Pgr016836	21217	44198	44532
CDL15_Pgr016856	20271	44291	16224
CDL15_Pgr016879	45413	24532	35125
CDL15_Pgr016886	0.46	0	0.24
CDL15_Pgr016910	0.88	0.29	0.40
CDL15_Pgr016923	0.98	0.35	0.51
CDL15_Pgr016942	104.48	91.53	97.40
CDL15_Pgr016958	27485	44534	14336
CDL15_Pgr016982	0.56	0.16	0.29
CDL15_Pgr017023	258.77	162.81	197.27

CDL15_Pgr017105	20852	22647	44471
CDL15_Pgr017111	0.17	0	0.09
CDL15_Pgr017135	45.56	35.11	37.28
CDL15_Pgr017140	17137	21398	43739
CDL15_Pgr017150	0.67	0.12	0.31
CDL15_Pgr017155	19.58	19906	45627
CDL15_Pgr017174	14.14	35735	46722
CDL15_Pgr017175	31959	44258	21976
CDL15_Pgr017183	31444	0.46	0.83
CDL15_Pgr017190	44471	44287	14977
CDL15_Pgr017196	0.64	0	0.35
CDL15_Pgr017217	26.68	25.43	25.93
CDL15_Pgr017337	33939	44075	26938
CDL15_Pgr017363	44562	0.72	0.95
CDL15_Pgr017378	186.27	112.86	131.24
CDL15_Pgr017392	53.62	23.89	28.88
CDL15_Pgr017474	19968	25416	34547
CDL15_Pgr017576	18.87	44501	14.31
CDL15_Pgr017602	657.52	163.05	426.27
CDL15_Pgr017603	27607	26085	24289
CDL15_Pgr017609	32.80	21.65	25.59
CDL15_Pgr017613	17046	15888	20668
CDL15_Pgr017615	44534	27030	30713
CDL15_Pgr017630	22.66	21367	35674
CDL15_Pgr017663	18.67	44453	44271
CDL15_Pgr017698	34060	29252	42430
CDL15_Pgr017699	0.43	0	0.18
CDL15_Pgr017717	44621	44317	46054
CDL15_Pgr017719	0.15	0	0.08
CDL15_Pgr017725	42.32	34.32	38.35
CDL15_Pgr017756	69.04	60.11	63.98
CDL15_Pgr017758	0.38	0.07	0.14
CDL15_Pgr017793	74.70	59.69	67.44
CDL15_Pgr017851	23.96	18.87	20.75
CDL15_Pgr017859	19756	21916	44441

CDL15_Pgr017868	83.32	35.97	58.34
CDL15_Pgr017876	46.79	39.46	43.59
CDL15_Pgr017881	42.38	28.22	35.24
CDL15_Pgr017892	43831	0.78	0.87
CDL15_Pgr017912	158.85	72.48	98.19
CDL15_Pgr017915	0.17	0	0.05
CDL15_Pgr017918	37.34	32.62	33.12
CDL15_Pgr017962	154.70	129.22	138.56
CDL15_Pgr017967	43.14	26.72	31.94
CDL15_Pgr018029	17.83	26573	13.37
CDL15_Pgr018039	17199	0.35	0.66
CDL15_Pgr018041	0.14	0	0.05
CDL15_Pgr018062	21610	33239	43862
CDL15_Pgr018078	14458	26420	34851
CDL15_Pgr018079	45383	11720	27426
CDL15_Pgr018085	191.20	136.84	158.89
CDL15_Pgr018123	34.70	44401	29.76
CDL15_Pgr018131	26.66	44543	15.24
CDL15_Pgr018165	17.40	20394	44360
CDL15_Pgr018173	55.24	41.31	45.29
CDL15_Pgr018189	46054	0.48	0.78
CDL15_Pgr018194	25.56	14.92	17.45
CDL15_Pgr018227	24898	28491	12086
CDL15_Pgr018264	30.52	26085	18598
CDL15_Pgr018280	28.24	23.91	44555
CDL15_Pgr018304	44805	30042	43617
CDL15_Pgr018305	33.16	23682	20.15
CDL15_Pgr018308	76.35	35.38	45.99
CDL15_Pgr018331	37.37	29.19	30.63
CDL15_Pgr018344	23.80	15.34	17.66
CDL15_Pgr018347	107.14	44.34	68.65
CDL15_Pgr018348	301.92	200.10	218.91
CDL15_Pgr018416	21306	44319	23437
CDL15_Pgr018435	29.22	24.80	26.91
CDL15_Pgr018440	25.76	14.96	18.68

CDL15_Pgr018443	13912	0.50	0.78
CDL15_Pgr018459	53.41	37.22	43.51
CDL15_Pgr018495	13.34	43009	25873
CDL15_Pgr018498	18537	23102	18019
CDL15_Pgr018509	16.76	43344	19268
CDL15_Pgr018537	81.76	79.33	79.88
CDL15_Pgr018539	186.74	157.54	160.99
CDL15_Pgr018551	21033	12114	29677
CDL15_Pgr018605	31.38	24.18	26.55
CDL15_Pgr018625	0.65	0.27	0.34
CDL15_Pgr018629	44290	18264	14642
CDL15_Pgr018675	20515	27061	34731
CDL15_Pgr018712	176.67	96.15	110.83
CDL15_Pgr018725	27.28	15.57	20.29
CDL15_Pgr018755	108.01	76.75	87.17
CDL15_Pgr018767	17.29	23924	35400
CDL15_Pgr018771	30437	12114	21641
CDL15_Pgr018787	19.30	14.25	15.79
CDL15_Pgr018789	73.35	36.10	44.27
CDL15_Pgr018797	30.93	44427	21.87
CDL15_Pgr018803	455.26	275.32	295.70
CDL15_Pgr018812	17.86	10.00	31747
CDL15_Pgr018817	32.38	16.92	20.92
CDL15_Pgr018838	36.53	30.88	32.31
CDL15_Pgr018848	0.62	0	0.23
CDL15_Pgr018851	20.30	14.79	17.29
CDL15_Pgr018861	44536	36220	23468
CDL15_Pgr018869	61.39	37.59	42.93
CDL15_Pgr018874	34304	14489	44479
CDL15_Pgr018893	44299	44479	34608
CDL15_Pgr018908	34.91	44367	22.77
CDL15_Pgr018909	44443	44442	44256
CDL15_Pgr018912	14642	44501	13516
CDL15_Pgr018951	29.63	18.85	24.97
CDL15_Pgr018984	18.90	28399	28095

CDL15_Pgr018987	16.98	28460	14.44
CDL15_Pgr019011	29.00	15.96	21.47
CDL15_Pgr019062	0.97	0.84	0.86
CDL15_Pgr019135	41609	17380	12298
CDL15_Pgr019181	21367	41306	21245
CDL15_Pgr019190	65.36	58.15	59.76
CDL15_Pgr019251	13636	42461	30042
CDL15_Pgr019308	43.65	34.73	38.64
CDL15_Pgr019315	30.68	44307	25.95
CDL15_Pgr019317	35.69	31.35	32.45
CDL15_Pgr019349	29.74	20.56	25.25
CDL15_Pgr019350	42826	46813	13940
CDL15_Pgr019352	44450	34486	16984
CDL15_Pgr019372	58.88	16.71	20.81
CDL15_Pgr019404	41.00	32.06	35.42
CDL15_Pgr019428	59.05	37.72	47.93
CDL15_Pgr019462	44361	44232	43617
CDL15_Pgr019476	44296	25355	33055
CDL15_Pgr019537	41760	33970	31809
CDL15_Pgr019556	44200	21610	27454
CDL15_Pgr019563	0.75	0.57	0.65
CDL15_Pgr019583	27273	26085	21002
CDL15_Pgr019633	45809	28946	18019
CDL15_Pgr019652	72.30	46.64	56.78
CDL15_Pgr019653	30.21	25.35	26.17
CDL15_Pgr019666	44317	0.17	0.57
CDL15_Pgr019669	323.75	180.61	244.43
CDL15_Pgr019702	16132	44409	12055
CDL15_Pgr019711	33664	29221	44593
CDL15_Pgr019729	42705	47362	25812
CDL15_Pgr019736	16316	32325	44294
CDL15_Pgr019742	15250	22678	44287
CDL15_Pgr019774	44492	13.81	14.94
CDL15_Pgr019784	0.33	0.11	0.22
CDL15_Pgr019814	73.77	50.64	57.76

CDL15_Pgr019842	43862	23012	34335
CDL15_Pgr019859	38.19	13.40	17.25
CDL15_Pgr019863	28.92	44374	27.33
CDL15_Pgr019884	43101	0.67	0.92
CDL15_Pgr019948	0.44	0.15	0.19
CDL15_Pgr019961	16.18	32082	33208
CDL15_Pgr019964	16469	44197	25934
CDL15_Pgr019965	67.47	46.75	57.93
CDL15_Pgr019973	35096	14977	27030
CDL15_Pgr019980	27.37	15.18	16.74
CDL15_Pgr019989	19.42	46327	26999
CDL15_Pgr019997	44444	23802	14702
CDL15_Pgr020013	29.44	20.21	22.97
CDL15_Pgr020030	20333	44382	23132
CDL15_Pgr020039	0.98	0.83	0.90
CDL15_Pgr020059	14611	0.52	0.91
CDL15_Pgr020060	51.45	42.81	44.54
CDL15_Pgr020066	19085	42430	17593
CDL15_Pgr020067	186.72	143.14	160.05
CDL15_Pgr020098	41306	0	0.51
CDL15_Pgr020100	22.29	20.18	21.34
CDL15_Pgr020107	44480	44230	14062
CDL15_Pgr020111	41760	17533	34700
CDL15_Pgr020115	18445	27820	46143
CDL15_Pgr020142	22737	41275	35827
CDL15_Pgr020171	20.57	26268	15.55
CDL15_Pgr020187	104.17	65.51	74.71
CDL15_Pgr020195	44214	44267	14.19
CDL15_Pgr020204	45292	44228	44317
CDL15_Pgr020213	41.70	30.44	32.24
CDL15_Pgr020216	29618	45292	31413
CDL15_Pgr020240	233.93	93.04	116.01
CDL15_Pgr020251	45.77	31.16	35.32
CDL15_Pgr020256	32509	17168	22282
CDL15_Pgr020261	26299	0.16	0.33

CDL15_Pgr020272	44413	31472	44473
CDL15_Pgr020278	26665	0.76	44228
CDL15_Pgr020297	141.29	125.07	129.41
CDL15_Pgr020303	29768	15097	17319
CDL15_Pgr020305	14.87	13.23	13.95
CDL15_Pgr020332	11079	11018	44320
CDL15_Pgr020360	61.34	35.16	43.58
CDL15_Pgr020368	60.18	39.91	47.95
CDL15_Pgr020384	15.70	31594	44451
CDL15_Pgr020387	17.82	44419	13.67
CDL15_Pgr020392	44228	0.17	0.41
CDL15_Pgr020394	16224	44534	17989
CDL15_Pgr020398	14.87	44470	44238
CDL15_Pgr020443	27.39	44308	24.35
CDL15_Pgr020447	22859	26420	11110
CDL15_Pgr020450	23.37	44481	14.77
CDL15_Pgr020492	35977	18749	29342
CDL15_Pgr020511	99.89	78.88	84.50
CDL15_Pgr020515	19.31	18598	13.20
CDL15_Pgr020554	28.86	21.27	22.90
CDL15_Pgr020555	44.60	27.85	33.36
CDL15_Pgr020559	44259	44410	16103
CDL15_Pgr020587	44348	0.57	0.67
CDL15_Pgr020588	14277	0.94	44197
CDL15_Pgr020594	0.45	0.09	0.28
CDL15_Pgr020605	19391	19360	28856
CDL15_Pgr020621	11263	11444	14824
CDL15_Pgr020645	43497	42005	22647
CDL15_Pgr020728	30.61	19.16	22.46
CDL15_Pgr020755	44440	0.72	0.79
CDL15_Pgr020778	34455	44231	44232
CDL15_Pgr020781	16.95	17076	21855
CDL15_Pgr020785	34.58	22.70	26.28
CDL15_Pgr020839	53.47	23.57	33.13
CDL15_Pgr020848	78.34	48.86	56.01

CDL15_Pgr020872	44256	44228	19025
CDL15_Pgr020896	78.17	54.51	62.58
CDL15_Pgr020903	18264	0	0.31
CDL15_Pgr020930	28338	28550	16558
CDL15_Pgr020963	22.26	13.76	16.90
CDL15_Pgr020966	44441	44197	14246
CDL15_Pgr020989	24442	29738	15950
CDL15_Pgr021020	23.96	15858	13.14
CDL15_Pgr021026	13.52	44289	44233
CDL15_Pgr021033	0.39	0.12	0.16
CDL15_Pgr021086	44378	0.18	0.31
CDL15_Pgr021122	225.71	181.14	190.88
CDL15_Pgr021123	21.83	13.00	14.66
CDL15_Pgr021138	31413	0.68	44228
CDL15_Pgr021140	42736	0	0.40
CDL15_Pgr021141	17564	0.90	16072
CDL15_Pgr021146	44197	0.32	0.47
CDL15_Pgr021157	21702	15432	14001
CDL15_Pgr021264	15.85	12997	45627
CDL15_Pgr021305	76.21	54.38	59.27
CDL15_Pgr021316	13150	43101	44197
CDL15_Pgr021352	55.26	34.56	36.63
CDL15_Pgr021375	0.66	0.17	0.34
CDL15_Pgr021450	44432	18.23	20.34
CDL15_Pgr021475	0.48	0.05	0.22
CDL15_Pgr021489	46905	11324	44593
CDL15_Pgr021490	14.22	44417	23255
CDL15_Pgr021493	38.28	30.99	32.18
CDL15_Pgr021498	33.73	14.25	19.33
CDL15_Pgr021504	44384	45292	33970
CDL15_Pgr021513	34486	33298	44474
CDL15_Pgr021523	20.86	14.71	44304
CDL15_Pgr021543	0.71	0	0.37
CDL15_Pgr021548	31594	27881	18780
CDL15_Pgr021565	22313	0.46	0.73

CDL15_Pgr021566	22.21	44483	18.30
CDL15_Pgr021573	49.35	29.77	36.61
CDL15_Pgr021586	35370	21002	44447
CDL15_Pgr021587	15.68	23712	14.00
CDL15_Pgr021611	14.54	16407	44360
CDL15_Pgr021621	35462	0.55	0.80
CDL15_Pgr021628	24198	44621	31107
CDL15_Pgr021630	19207	14336	11079
CDL15_Pgr021655	19419	28126	23043
CDL15_Pgr021657	15.63	11963	36495
CDL15_Pgr021661	35247	34090	7.00
CDL15_Pgr021677	46.30	44498	37.65
CDL15_Pgr021685	46753	0.86	0.95
CDL15_Pgr021698	21.19	11658	14.35
CDL15_Pgr021701	345.72	183.00	201.73
CDL15_Pgr021705	14.24	21398	20029
CDL15_Pgr021719	24.76	19.94	20.88
CDL15_Pgr021746	0.95	0.27	0.42
CDL15_Pgr021751	15888	15432	44202
CDL15_Pgr021761	46753	0.47	0.66
CDL15_Pgr021777	23.46	13.44	15.89
CDL15_Pgr021795	44211	21732	21824
CDL15_Pgr021805	30803	32905	20546
CDL15_Pgr021819	39.65	44315	33.29
CDL15_Pgr021829	185.86	145.85	161.20
CDL15_Pgr021840	30011	43497	25600
CDL15_Pgr021842	31959	0.41	17899
CDL15_Pgr021855	30195	34790	23163
CDL15_Pgr021858	14946	41487	27273
CDL15_Pgr021860	38.59	28.57	30.92
CDL15_Pgr021876	31837	28491	13912
CDL15_Pgr021911	15.67	36130	13.56
CDL15_Pgr021945	14.69	13363	11202
CDL15_Pgr022022	28369	44536	24624
CDL15_Pgr022036	46419	23012	29221

CDL15_Pgr022042	51.34	44335	22.71
CDL15_Pgr022063	0.22	0	0.11
CDL15_Pgr022102	26846	44202	27181
CDL15_Pgr022122	43.71	29.13	34.13
CDL15_Pgr022191	19299	23559	29068
CDL15_Pgr022218	231.85	150.48	194.95
CDL15_Pgr022228	15401	46784	20486
CDL15_Pgr022245	33.04	22.56	27.42
CDL15_Pgr022256	24.77	44553	23.28
CDL15_Pgr022264	14.27	44416	30164
CDL15_Pgr022273	58.06	35.93	47.64
CDL15_Pgr022281	17.34	29860	24077
CDL15_Pgr022286	93.36	48.97	71.82
CDL15_Pgr022329	15.21	32112	13.39
CDL15_Pgr022343	135.35	103.87	110.85
CDL15_Pgr022348	56.92	40.50	43.31
CDL15_Pgr022390	44552	17.78	19.32
CDL15_Pgr022403	41671	0.42	44228
CDL15_Pgr022408	21855	44409	10.00
CDL15_Pgr022424	13181	44531	22647
CDL15_Pgr022430	43586	44351	23833
CDL15_Pgr022463	45658	0.31	0.59
CDL15_Pgr022474	92.42	55.76	73.31
CDL15_Pgr022542	60.93	35.91	46.25
CDL15_Pgr022543	79.60	53.13	67.38
CDL15_Pgr022559	0.28	0	0.10
CDL15_Pgr022560	44199	32509	41306
CDL15_Pgr022580	26.34	21.79	23.84
CDL15_Pgr022627	2418.33	1978.90	2165.00
CDL15_Pgr022628	113.44	87.01	99.41
CDL15_Pgr022629	43770	11902	30529
CDL15_Pgr022633	34.10	16.13	17.94
CDL15_Pgr022634	162.77	115.17	123.75
CDL15_Pgr022640	0.75	0.07	0.14
CDL15_Pgr022650	15.18	24412	45261

CDL15_Pgr022653	214.80	160.78	172.74
CDL15_Pgr022671	20.80	14.84	44393
CDL15_Pgr022676	44445	24139	23071
CDL15_Pgr022679	46539	45323	13940
CDL15_Pgr022692	23.56	18.66	19.22
CDL15_Pgr022728	42522	44202	44414
CDL15_Pgr022738	18.88	16.66	17.65
CDL15_Pgr022810	17564	46023	16803
CDL15_Pgr022811	20210	32568	42826
CDL15_Pgr022813	16.67	13.89	15.19
CDL15_Pgr022832	86.49	48.91	66.81
CDL15_Pgr022834	33.63	18.24	24.14
CDL15_Pgr022836	208.50	170.24	184.76
CDL15_Pgr022843	44478	44507	24654
CDL15_Pgr022844	36251	31107	14702
CDL15_Pgr022852	18.38	24563	44266
CDL15_Pgr022853	46753	0.42	0.74
CDL15_Pgr022928	44524	15.73	16.71
CDL15_Pgr022942	115.32	67.45	80.90
CDL15_Pgr022976	28126	0	0.90
CDL15_Pgr022999	15.52	30864	44512
CDL15_Pgr023005	53.53	48.74	50.84
CDL15_Pgr023061	15919	17258	16923
CDL15_Pgr023066	0.89	0	0.25
CDL15_Pgr023067	32325	44317	45444
CDL15_Pgr023088	22098	34790	33725
CDL15_Pgr023100	43160	0.95	44198
CDL15_Pgr023101	17654	0.47	0.97
CDL15_Pgr023105	16803	0.29	0.45
CDL15_Pgr023114	22068	15432	46143
CDL15_Pgr023118	17958	16072	35796
CDL15_Pgr023132	20821	0.74	44440
CDL15_Pgr023167	57.34	42.10	48.40
CDL15_Pgr023169	56.26	25.23	28.26
CDL15_Pgr023187	0.72	0	0.25

CDL15_Pgr023191	15342	0.43	0.59
CDL15_Pgr023207	27.46	44210	18.94
CDL15_Pgr023209	205.83	114.69	130.98
CDL15_Pgr023230	14062	46874	23863
CDL15_Pgr023239	17533	0.11	0.35
CDL15_Pgr023298	31079	44470	16803
CDL15_Pgr023335	13.69	30498	30195
CDL15_Pgr023495	13881	0.68	0.98
CDL15_Pgr023506	16.77	34516	31291
CDL15_Pgr023519	22190	31107	31868
CDL15_Pgr023521	44621	15008	31079
CDL15_Pgr023554	43160	13516	23743
CDL15_Pgr023571	88.98	67.06	74.95
CDL15_Pgr023592	16407	21702	45505
CDL15_Pgr023598	25934	0.66	44348
CDL15_Pgr023636	14336	1.00	12420
CDL15_Pgr023639	44429	13.19	15.88
CDL15_Pgr023645	70.76	53.24	56.76
CDL15_Pgr023677	108.91	91.83	99.52
CDL15_Pgr023701	0.57	0.06	0.13
CDL15_Pgr023706	18994	43466	46023
CDL15_Pgr023725	54.10	42.93	47.19
CDL15_Pgr023750	36.60	23.44	44495
CDL15_Pgr023896	0.89	0.55	0.63
CDL15_Pgr023905	0.42	0.05	0.15
CDL15_Pgr023937	0.91	0	0.31
CDL15_Pgr023953	24.25	16.51	17.51
CDL15_Pgr023971	46478	33604	25600
CDL15_Pgr024036	16497	32143	24139
CDL15_Pgr024045	14550	12632	29830
CDL15_Pgr024055	94.89	44.15	52.96
CDL15_Pgr024060	177.42	45.03	87.57
CDL15_Pgr024064	18.30	33025	20760
CDL15_Pgr024106	17319	23774	46813
CDL15_Pgr024112	15.73	28369	24442

CDL15_Pgr024139	169.40	99.94	111.45
CDL15_Pgr024145	34.42	27.46	30.02
CDL15_Pgr024167	22129	28216	41791
CDL15_Pgr024172	15.98	16193	44323
CDL15_Pgr024219	131.98	105.52	117.02
CDL15_Pgr024230	53.24	36.60	45.66
CDL15_Pgr024264	15980	25720	27576
CDL15_Pgr024283	16438	0.26	0.68
CDL15_Pgr024299	0.87	0	0.16
CDL15_Pgr024310	16650	24167	26024
CDL15_Pgr024346	30713	44378	14611
CDL15_Pgr024357	43101	0.71	0.82
CDL15_Pgr024388	373.26	178.26	260.16
CDL15_Pgr024400	6443.28	3739.53	4228.29
CDL15_Pgr024411	0.38	0	0.20
CDL15_Pgr024414	27.79	44419	18.81
CDL15_Pgr024428	37.08	20.19	22.39
CDL15_Pgr024445	92.44	53.83	59.21
CDL15_Pgr024447	46753	0.50	0.81
CDL15_Pgr024465	14001	0.55	31048
CDL15_Pgr024478	46296	41760	18080
CDL15_Pgr024482	44474	42461	17624
CDL15_Pgr024493	14336	44532	31079
CDL15_Pgr024496	16.20	14.95	15.60
CDL15_Pgr024497	44351	41306	13181
CDL15_Pgr024517	18.30	15.35	16.32
CDL15_Pgr024541	23.77	14.73	18.65
CDL15_Pgr024569	18.27	21155	14.14
CDL15_Pgr024592	930.95	658.23	778.86
CDL15_Pgr024609	29952	46388	18629
CDL15_Pgr024631	0.86	0.24	0.49
CDL15_Pgr024737	31.65	19.17	44552
CDL15_Pgr024745	25812	41730	21702
CDL15_Pgr024796	30348	45292	18994
CDL15_Pgr024802	34213	29312	18810

CDL15_Pgr024803	0.19	0	0.07
CDL15_Pgr024850	14001	17593	11049
CDL15_Pgr024889	50.24	42.84	43.81
CDL15_Pgr024925	44339	14.74	44426
CDL15_Pgr024929	71.56	58.48	62.46
CDL15_Pgr024940	23.22	21.27	22.21
CDL15_Pgr024942	15.42	31017	44452
CDL15_Pgr024976	14.83	35643	45931
CDL15_Pgr024985	19238	45413	46174
CDL15_Pgr024986	25628	45689	27791
CDL15_Pgr025011	65.43	54.26	58.93
CDL15_Pgr025012	19.70	13.41	16.50
CDL15_Pgr025013	16.69	15.23	15.43
CDL15_Pgr025023	16103	30317	33239
CDL15_Pgr025029	44197	0.24	0.43
CDL15_Pgr025030	24.14	30286	17.38
CDL15_Pgr025035	11841	12114	20911
CDL15_Pgr025041	47300	24929	36251
CDL15_Pgr025083	18.29	13241	44415
CDL15_Pgr025085	17.90	14.35	15.81
CDL15_Pgr025092	0.32	0	0.11
CDL15_Pgr025111	144.78	105.36	117.33
CDL15_Pgr025153	504.96	341.98	419.85
CDL15_Pgr025197	37.01	34639	21.81
CDL15_Pgr025199	42370	0.58	0.86
CDL15_Pgr025206	58.40	37.68	40.40
CDL15_Pgr025240	41.45	18.88	22.88
CDL15_Pgr025242	34851	28976	44233
CDL15_Pgr025265	30.75	25.96	27.50
CDL15_Pgr025268	172.26	138.21	143.27
CDL15_Pgr025274	19391	0.98	45658
CDL15_Pgr025319	84.15	66.60	72.12
CDL15_Pgr025350	22.16	19.40	20.87
CDL15_Pgr025351	45717	17564	31079
CDL15_Pgr025387	21.21	15.78	18.68

CDL15_Pgr025389	39.41	25.27	44560
CDL15_Pgr025391	609.54	309.78	435.90
CDL15_Pgr025421	16954	31138	12540
CDL15_Pgr025427	32.67	20.54	26.37
CDL15_Pgr025439	0.50	0.10	0.16
CDL15_Pgr025485	25112	28004	46296
CDL15_Pgr025488	60.97	43.95	46.54
CDL15_Pgr025528	31382	20363	30621
CDL15_Pgr025535	36495	13363	43374
CDL15_Pgr025537	30895	44413	34820
CDL15_Pgr025557	29.90	18.98	23.86
CDL15_Pgr025558	0.29	0	0.05
CDL15_Pgr025578	27395	0.53	0.66
CDL15_Pgr025599	11902	25294	46874
CDL15_Pgr025615	12510	17227	25263
CDL15_Pgr025617	647.41	268.92	434.22
CDL15_Pgr025619	618.31	285.14	442.25
CDL15_Pgr025636	26785	26665	12479
CDL15_Pgr025731	65.50	40.99	49.83
CDL15_Pgr025741	15.79	45931	44512
CDL15_Pgr025748	18.54	13.41	15.31
CDL15_Pgr025788	123.27	49.48	57.48
CDL15_Pgr025791	11810	32905	19054
CDL15_Pgr025804	154.94	140.40	146.79
CDL15_Pgr025805	22341	44318	46784
CDL15_Pgr025817	12785	0.45	0.74
CDL15_Pgr025839	23.56	18.46	20.66
CDL15_Pgr025865	44713	17593	36220
CDL15_Pgr025882	14.82	31168	44476
CDL15_Pgr025884	23833	44593	29983
CDL15_Pgr025889	44202	46419	27426
CDL15_Pgr025892	44379	0.51	0.71
CDL15_Pgr025910	33604	46753	16072
CDL15_Pgr025918	44557	17.41	44459
CDL15_Pgr025962	40.39	35.00	38.05

CDL15_Pgr025971	648.26	419.54	454.12
CDL15_Pgr025972	104.33	73.51	79.41
CDL15_Pgr026006	19238	31168	34851
CDL15_Pgr026026	12936	24504	22007
CDL15_Pgr026076	24259	12510	16558
CDL15_Pgr026078	42.26	25.84	31.83
CDL15_Pgr026108	44348	0.12	0.61
CDL15_Pgr026113	12966	33359	13302
CDL15_Pgr026115	132.29	79.14	98.11
CDL15_Pgr026131	335.24	158.65	177.57
CDL15_Pgr026226	24685	12601	25385
CDL15_Pgr026269	14.92	13912	31929
CDL15_Pgr026328	0.78	0.46	0.56
CDL15_Pgr026365	103.65	33.28	42.87
CDL15_Pgr026370	15.73	44362	15.22
CDL15_Pgr026410	0.74	0	0.26
CDL15_Pgr026493	25.25	20.28	22.82
CDL15_Pgr026498	175.94	149.40	160.68
CDL15_Pgr026507	168.69	132.36	149.57
CDL15_Pgr026511	14671	0.48	23012
CDL15_Pgr026514	0.60	0.06	0.17
CDL15_Pgr026520	42.47	26.13	28.73
CDL15_Pgr026537	29099	44324	25781
CDL15_Pgr026539	0.20	0	0.10
CDL15_Pgr026600	0.48	0	0.06
CDL15_Pgr026619	32.45	30.46	30.89
CDL15_Pgr026629	25628	23043	41699
CDL15_Pgr026640	29.86	22.67	23.96
CDL15_Pgr026645	61.66	53.09	55.77
CDL15_Pgr026649	22129	46874	13667
CDL15_Pgr026652	258.23	87.26	154.04
CDL15_Pgr026686	0.67	0	0.34
CDL15_Pgr026695	43466	44256	44378
CDL15_Pgr026709	32.89	20.25	22.49
CDL15_Pgr026722	33939	32660	44447

CDL15_Pgr026745	39.37	31.13	35.23
CDL15_Pgr026797	130.64	54.76	62.73
CDL15_Pgr026801	110.18	105.22	106.24
CDL15_Pgr026804	44201	18660	44289
CDL15_Pgr026810	150.02	67.84	76.42
CDL15_Pgr026858	15.57	30987	11293
CDL15_Pgr026892	44289	21186	35796
CDL15_Pgr026936	0.39	0.11	0.23
CDL15_Pgr026940	0.24	0	0.13
CDL15_Pgr026958	15.54	34669	13.49
CDL15_Pgr026961	15827	23071	20546
CDL15_Pgr027023	45717	19360	16103
CDL15_Pgr027169	44256	43101	35431
CDL15_Pgr027174	16984	32629	17319
CDL15_Pgr027224	21.26	16011	13.96
CDL15_Pgr027239	685.51	302.24	371.25
CDL15_Pgr027272	42005	0.34	0.59
CDL15_Pgr027315	29373	41365	23132
CDL15_Pgr027332	32.99	44559	30.31
CDL15_Pgr027367	22.86	14946	15.92
CDL15_Pgr027371	44541	11749	13606
CDL15_Pgr027385	0.92	0.55	0.70
CDL15_Pgr027429	33970	0.40	0.75
CDL15_Pgr027435	16803	0.45	0.89
CDL15_Pgr027436	14.95	44450	15676
CDL15_Pgr027445	1266.31	637.28	778.63
CDL15_Pgr027464	17624	13940	27454
CDL15_Pgr027473	15.69	21125	17502
CDL15_Pgr027503	0.68	0.16	0.28
CDL15_Pgr027509	46357	13363	25082
CDL15_Pgr027517	47058	45870	26146
CDL15_Pgr027522	27.23	44462	44279
CDL15_Pgr027523	20911	19419	24898
CDL15_Pgr027539	46539	27395	17930
CDL15_Pgr027580	45658	0.25	0.61

CDL15_Pgr027618	16163	21582	43160
CDL15_Pgr027624	12997	24259	19176
CDL15_Pgr027629	15.44	46296	30651
CDL15_Pgr027671	27.95	18.91	20.75
CDL15_Pgr027684	131.96	68.79	76.08
CDL15_Pgr027689	23.64	16.36	17.35
CDL15_Pgr027698	25659	44621	24532
CDL15_Pgr027704	0.96	0.10	0.40
CDL15_Pgr027714	43.17	25.40	29.14
CDL15_Pgr027722	83.99	42.21	62.73
CDL15_Pgr027742	44287	0.44	0.66
CDL15_Pgr027767	26054	20121	17593
CDL15_Pgr027771	46.88	41.02	43.17
CDL15_Pgr027775	34.60	44402	28.60
CDL15_Pgr027787	12.00	13971	27546
CDL15_Pgr027791	20059	23559	29068
CDL15_Pgr027794	36220	0.87	15342
CDL15_Pgr027798	15342	0.15	0.54
CDL15_Pgr027818	22372	42095	44287
CDL15_Pgr027848	16.32	41852	34943
CDL15_Pgr027878	15493	44958	15432
CDL15_Pgr027881	44.51	35.10	39.08
CDL15_Pgr027888	19.45	16.69	17.16
CDL15_Pgr027896	0.96	0.39	0.46
CDL15_Pgr027900	43.77	31.64	33.32
CDL15_Pgr027920	46.54	24.72	33.23
CDL15_Pgr027982	67.29	49.68	54.95
CDL15_Pgr028007	26.39	18.18	21.51
CDL15_Pgr028011	27454	0.99	23743
CDL15_Pgr028023	2227.35	1687.24	1970.95
CDL15_Pgr028030	17.00	15.51	16.30
CDL15_Pgr028052	0.81	0.38	0.62
CDL15_Pgr028059	34973	35643	30560
CDL15_Pgr028076	48.19	45.96	46.91
CDL15_Pgr028080	44440	12267	26512

CDL15_Pgr028101	87.65	54.62	58.21
CDL15_Pgr028102	29587	41275	44197
CDL15_Pgr028107	45108	26359	44474
CDL15_Pgr028112	17930	16438	24838
CDL15_Pgr028116	43831	0.46	0.88
CDL15_Pgr028187	27.33	24.75	25.59
CDL15_Pgr028192	34486	35796	34366
CDL15_Pgr028206	26512	31199	15158
CDL15_Pgr028238	20515	17564	44319
CDL15_Pgr028246	18172	25750	44447
CDL15_Pgr028296	471.22	306.21	374.13
CDL15_Pgr028299	25.71	30682	20911
CDL15_Pgr028330	43617	45748	16893
CDL15_Pgr028346	0.77	0.08	0.42
CDL15_Pgr028353	21.62	44395	19.49
CDL15_Pgr028373	44441	0.28	0.87
CDL15_Pgr028375	15250	14001	44294
CDL15_Pgr028384	11171	46054	3.00
CDL15_Pgr028386	12785	0.19	0.40
CDL15_Pgr028414	19.47	13.15	14.44
CDL15_Pgr028420	13.24	22007	45474
CDL15_Pgr028434	24.50	14215	17.54
CDL15_Pgr028435	27791	24139	24869
CDL15_Pgr028439	46478	19391	16132
CDL15_Pgr028447	44349	0.17	44348
CDL15_Pgr028451	0.61	0.24	0.44
CDL15_Pgr028482	25993	0.39	25569
CDL15_Pgr028492	18.83	15311	13.71
CDL15_Pgr028496	27820	0.28	28856
CDL15_Pgr028500	0.18	0	0.09
CDL15_Pgr028520	44460	44363	17.50
CDL15_Pgr028529	44228	0.69	15342
CDL15_Pgr028538	80.91	73.60	77.00
CDL15_Pgr028571	35582	33664	44413
CDL15_Pgr028576	1599.06	851.40	997.42

CDL15_Pgr028580	23132	32203	19450
CDL15_Pgr028586	72.57	36.02	53.56
CDL15_Pgr028593	154.52	147.75	149.19
CDL15_Pgr028596	0.60	0.44	0.46
CDL15_Pgr028602	0.43	0	0.22
CDL15_Pgr028609	14977	0.16	0.81
CDL15_Pgr028620	23712	44409	21429
CDL15_Pgr028662	34394	0.38	13150
CDL15_Pgr028712	30926	24959	32325
CDL15_Pgr028713	0.21	0	0.09
CDL15_Pgr028722	14.41	44295	30195
CDL15_Pgr028725	22.58	21337	44409
CDL15_Pgr028729	13.69	35643	17807
CDL15_Pgr028732	63.81	40.81	51.52
CDL15_Pgr028783	111.75	48.51	58.26
CDL15_Pgr028784	41640	0.08	0.51
CDL15_Pgr028843	62.55	56.82	59.32
CDL15_Pgr028849	26908	14702	34790
CDL15_Pgr028875	74.28	49.28	57.46
CDL15_Pgr028890	11049	44350	13210
CDL15_Pgr028892	26.85	17502	16.25
CDL15_Pgr028925	32112	45139	43739
CDL15_Pgr028934	13181	30682	36161
CDL15_Pgr028982	0.23	0	0.08
CDL15_Pgr029047	77.16	47.17	63.85
CDL15_Pgr029058	13302	18323	19815
CDL15_Pgr029066	33298	24869	29252
CDL15_Pgr029110	30376	14671	17958
CDL15_Pgr029112	22221	27242	43009
CDL15_Pgr029115	22.72	17.64	19.93
CDL15_Pgr029127	35735	33329	22068
CDL15_Pgr029133	118.17	66.65	77.91
CDL15_Pgr029192	0.83	0	0.42
CDL15_Pgr000008	0.75	16803	0
CDL15_Pgr000024	31.26	48.67	18.49

CDL15_Pgr000025	28491	44318	46753
CDL15_Pgr000053	0.35	0.47	0.24
CDL15_Pgr000079	61.52	77.48	42.50
CDL15_Pgr000119	26.90	31.60	44551
CDL15_Pgr000129	0.33	0.41	0.03
CDL15_Pgr000130	28825	13.22	42309
CDL15_Pgr000133	11324	44197	0
CDL15_Pgr000156	44296	27273	22433
CDL15_Pgr000207	30042	34425	31107
CDL15_Pgr000220	0.62	0.72	0.21
CDL15_Pgr000264	21064	32782	17288
CDL15_Pgr000326	31686	19664	30164
CDL15_Pgr000402	17.48	18.19	44360
CDL15_Pgr000430	13881	20090	44256
CDL15_Pgr000431	0.18	0.26	0.09
CDL15_Pgr000484	34029	16528	13881
CDL15_Pgr000497	29.76	33.74	24.96
CDL15_Pgr000506	0.35	0.34	0
CDL15_Pgr000513	112.75	119.97	107.73
CDL15_Pgr000533	21217	44986	12055
CDL15_Pgr000540	44256	30317	0.41
CDL15_Pgr000543	0.64	0.68	0.47
CDL15_Pgr000547	0.79	0.74	0.22
CDL15_Pgr000560	15888	14124	23132
CDL15_Pgr000574	0.31	0.42	0.22
CDL15_Pgr000595	22.13	24.68	44365
CDL15_Pgr000734	0.41	0.41	0
CDL15_Pgr000763	44411	42795	24139
CDL15_Pgr000825	30.86	44347	16.46
CDL15_Pgr000911	44336	22.75	44270
CDL15_Pgr000916	0.50	0.60	0.31
CDL15_Pgr000960	23.27	23.68	22.80
CDL15_Pgr001071	224.85	220.78	181.16
CDL15_Pgr001117	39.59	39.45	44439
CDL15_Pgr001158	203.15	217.61	156.85

CDL15_Pgr001177	273.20	309.37	209.14
CDL15_Pgr001188	24.71	26.67	44348
CDL15_Pgr001289	27820	31107	14671
CDL15_Pgr001322	45474	45505	15493
CDL15_Pgr001407	44536	25720	20210
CDL15_Pgr001424	11994	25112	22341
CDL15_Pgr001472	0.34	0.55	0.14
CDL15_Pgr001480	27760	35796	0
CDL15_Pgr001514	46388	43466	0.36
CDL15_Pgr001528	22190	46722	46997
CDL15_Pgr001587	27030	25934	12420
CDL15_Pgr001681	0.32	0.59	0.06
CDL15_Pgr001685	212.58	213.97	169.23
CDL15_Pgr001705	44652	24228	36192
CDL15_Pgr001706	40.20	41.52	33.81
CDL15_Pgr001715	62.79	70.64	50.67
CDL15_Pgr001724	47027	26238	26512
CDL15_Pgr001779	23071	24228	31413
CDL15_Pgr001784	44392	44484	13.91
CDL15_Pgr001859	35.35	40.70	44500
CDL15_Pgr001868	44075	33909	43160
CDL15_Pgr001886	14.14	15.69	30987
CDL15_Pgr001896	204.35	244.56	165.20
CDL15_Pgr001912	34.06	35.62	24.27
CDL15_Pgr001934	13912	14642	17168
CDL15_Pgr001956	72.25	77.67	66.18
CDL15_Pgr001963	118.56	138.38	98.14
CDL15_Pgr001975	0.35	0.49	0
CDL15_Pgr001990	38.39	39.21	31.44
CDL15_Pgr001997	19.33	19.44	44517
CDL15_Pgr002038	0.89	0.89	0.10
CDL15_Pgr002068	18354	33329	28550
CDL15_Pgr002122	33.79	35.73	31.86
CDL15_Pgr002129	346.84	367.82	331.99
CDL15_Pgr002155	43191	33664	44197

CDL15_Pgr002241	0.22	0.22	0.02
CDL15_Pgr002288	20.15	25.88	25508
CDL15_Pgr002317	18.96	44306	44334
CDL15_Pgr002361	0.75	0.85	0.50
CDL15_Pgr002368	17624	12540	28550
CDL15_Pgr002376	14519	43739	18841
CDL15_Pgr002377	198.52	206.25	137.31
CDL15_Pgr002393	18.26	44306	35765
CDL15_Pgr002396	26785	19845	12785
CDL15_Pgr002407	14.60	17.20	30621
CDL15_Pgr002433	17.55	17.32	44423
CDL15_Pgr002437	32.06	32.16	26.64
CDL15_Pgr002456	18323	27089	43831
CDL15_Pgr002526	13.38	44300	11628
CDL15_Pgr002529	24838	30317	44197
CDL15_Pgr002533	33.72	35.09	30.38
CDL15_Pgr002587	15.75	17.67	20029
CDL15_Pgr002609	15401	23437	44380
CDL15_Pgr002739	36.59	48.99	35612
CDL15_Pgr002800	31.13	33.51	28.84
CDL15_Pgr002843	0.69	0.69	0.18
CDL15_Pgr002851	92.50	107.07	71.45
CDL15_Pgr002854	25934	34335	0
CDL15_Pgr002861	14.68	16.42	42339
CDL15_Pgr002875	14.87	15.82	33756
CDL15_Pgr002970	0.90	42370	0.71
CDL15_Pgr002974	29.76	31.11	20.13
CDL15_Pgr002983	77.91	77.91	54.56
CDL15_Pgr002988	0.15	0.15	0
CDL15_Pgr002997	0.13	0.13	0
CDL15_Pgr003080	19054	41365	44197
CDL15_Pgr003082	42644	45931	18295
CDL15_Pgr003112	407.58	447.56	299.63
CDL15_Pgr003135	10959	44288	0
CDL15_Pgr003141	44212	15.55	42309

CDL15_Pgr003194	214.67	218.68	201.49
CDL15_Pgr003216	0.11	0.11	0
CDL15_Pgr003218	367.45	399.15	292.76
CDL15_Pgr003259	14.80	14.32	44357
CDL15_Pgr003263	37.85	41.88	33.68
CDL15_Pgr003267	25.00	44403	19.76
CDL15_Pgr003272	0.67	0.67	0
CDL15_Pgr003354	30317	47209	0
CDL15_Pgr003413	25965	16893	46753
CDL15_Pgr003420	1.00	0.90	0
CDL15_Pgr003423	28307	21732	43132
CDL15_Pgr003457	18507	15950	47270
CDL15_Pgr003477	19694	27729	23316
CDL15_Pgr003494	266.12	298.04	228.85
CDL15_Pgr003497	13485	16.31	14458
CDL15_Pgr003502	52.78	54.04	40.94
CDL15_Pgr003517	43466	12420	0.80
CDL15_Pgr003527	0.12	0.19	0.04
CDL15_Pgr003541	0.68	0.85	0.26
CDL15_Pgr003553	46.78	46.42	24.26
CDL15_Pgr003560	0.82	0.83	0.50
CDL15_Pgr003591	384.16	421.06	333.73
CDL15_Pgr003597	44292	44261	28246
CDL15_Pgr003599	27454	29738	0
CDL15_Pgr003618	44532	41306	13881
CDL15_Pgr003622	41.68	42.19	38.14
CDL15_Pgr003642	29129	15281	29434
CDL15_Pgr003652	39.67	49.49	30.75
CDL15_Pgr003663	22.63	25.85	20.16
CDL15_Pgr003666	44442	4.00	16103
CDL15_Pgr003668	25842	21459	46600
CDL15_Pgr003688	31048	19391	13881
CDL15_Pgr003690	358.61	380.39	297.91
CDL15_Pgr003715	20.83	21.18	19.58
CDL15_Pgr003735	0.85	44440	0

CDL15_Pgr003749	35125	29646	29221
CDL15_Pgr003789	292.64	414.64	205.77
CDL15_Pgr003795	36.24	42.71	31.53
CDL15_Pgr003808	44476	28307	33725
CDL15_Pgr003855	44262	26115	44445
CDL15_Pgr003953	0.09	0.09	0
CDL15_Pgr003988	918.80	953.77	646.49
CDL15_Pgr004020	44319	20149	24139
CDL15_Pgr004033	35796	20121	44409
CDL15_Pgr004117	0.10	0.10	0
CDL15_Pgr004121	128.76	163.79	103.61
CDL15_Pgr004132	67.80	69.04	46.24
CDL15_Pgr004135	0.19	0.20	0.05
CDL15_Pgr004152	151.59	164.00	98.47
CDL15_Pgr004156	38.66	38.42	27.62
CDL15_Pgr004181	11749	15036	11720
CDL15_Pgr004227	42309	43770	24654
CDL15_Pgr004244	146.56	141.71	77.09
CDL15_Pgr004245	16.46	17.75	15.30
CDL15_Pgr004270	102.54	114.08	84.83
CDL15_Pgr004278	263.90	285.20	227.88
CDL15_Pgr004291	29587	30713	0.55
CDL15_Pgr004313	0.83	0.84	0.26
CDL15_Pgr004357	0.41	0.41	0
CDL15_Pgr004362	0.66	0.63	0
CDL15_Pgr004404	44547	19.66	32478
CDL15_Pgr004420	0.18	0.18	0
CDL15_Pgr004525	36251	17411	0.85
CDL15_Pgr004528	10959	13150	0.54
CDL15_Pgr004538	0.17	0.21	0.04
CDL15_Pgr004542	34.86	36.03	27.75
CDL15_Pgr004720	42248	46631	23224
CDL15_Pgr004735	3.00	28185	45292
CDL15_Pgr004737	0.50	0.49	0
CDL15_Pgr004746	45627	13.41	24381

CDL15_Pgr004772	16.14	18.00	13.16
CDL15_Pgr004803	44200	20911	35462
CDL15_Pgr004885	0.09	0.19	0
CDL15_Pgr004897	0.45	0.75	0
CDL15_Pgr004905	79.35	76.84	51.65
CDL15_Pgr004970	2623.79	3563.80	917.69
CDL15_Pgr004978	44206	21490	33451
CDL15_Pgr005013	252.18	270.44	230.67
CDL15_Pgr005103	15008	13547	45292
CDL15_Pgr005116	182.67	185.99	143.46
CDL15_Pgr005144	15.14	15.81	24351
CDL15_Pgr005149	54.93	66.70	43.09
CDL15_Pgr005179	22981	30286	17868
CDL15_Pgr005237	0.85	41640	0.39
CDL15_Pgr005247	18.70	24.57	44206
CDL15_Pgr005288	46.01	45.75	35.96
CDL15_Pgr005291	19.33	21.62	17.57
CDL15_Pgr005300	82.45	90.09	69.44
CDL15_Pgr005317	0.43	0.56	0
CDL15_Pgr005319	139.22	173.09	109.29
CDL15_Pgr005322	0.25	0.32	0.15
CDL15_Pgr005325	13332	32721	23132
CDL15_Pgr005364	38.44	44.44	29.85
CDL15_Pgr005392	21186	23743	44317
CDL15_Pgr005413	0.24	0.30	0
CDL15_Pgr005440	0.10	0.16	0
CDL15_Pgr005442	19.13	22.91	16.48
CDL15_Pgr005445	558.40	563.52	518.17
CDL15_Pgr005450	36130	44482	31352
CDL15_Pgr005455	44197	19360	0.72
CDL15_Pgr005503	43221	32234	21916
CDL15_Pgr005536	75.39	80.46	69.72
CDL15_Pgr005562	83.50	83.58	70.64
CDL15_Pgr005566	208.03	199.87	113.19
CDL15_Pgr005571	35827	44289	35065

CDL15_Pgr005585	224.13	225.06	209.68
CDL15_Pgr005670	14671	13940	25600
CDL15_Pgr005687	37.01	38.73	33.23
CDL15_Pgr005727	44682	22767	33695
CDL15_Pgr005761	52.52	53.87	50.24
CDL15_Pgr005768	15738	18295	15342
CDL15_Pgr005810	44507	46569	34455
CDL15_Pgr005890	42.70	43.28	37.59
CDL15_Pgr005918	25143	14.38	18872
CDL15_Pgr005943	99.69	176.29	45.16
CDL15_Pgr005967	0.30	0.30	0
CDL15_Pgr006016	22.77	28.49	15.24
CDL15_Pgr006046	22647	23377	14246
CDL15_Pgr006063	29952	32509	14246
CDL15_Pgr006096	16469	35096	0.94
CDL15_Pgr006119	25.76	28.42	22.61
CDL15_Pgr006136	33909	25903	14519
CDL15_Pgr006223	12114	35855	22313
CDL15_Pgr006230	67.80	67.92	47.46
CDL15_Pgr006253	0.52	0.51	0.18
CDL15_Pgr006259	36008	30529	22037
CDL15_Pgr006334	0.13	0.20	0.07
CDL15_Pgr006339	90.78	131.64	33.98
CDL15_Pgr006347	0.18	0.18	0
CDL15_Pgr006381	247.96	256.29	236.10
CDL15_Pgr006436	23468	45444	14277
CDL15_Pgr006444	0.68	0.67	0.23
CDL15_Pgr006445	0.88	44348	0.18
CDL15_Pgr006490	47178	11018	23408
CDL15_Pgr006530	41944	17.18	27760
CDL15_Pgr006549	0.80	0.79	0.54
CDL15_Pgr006601	43.97	46.31	33.44
CDL15_Pgr006631	14215	19.51	22341
CDL15_Pgr006637	0.78	19360	0.25
CDL15_Pgr006659	14.53	16.25	44388

CDL15_Pgr006746	19360	30682	0.40
CDL15_Pgr006747	38.53	42.09	44275
CDL15_Pgr006783	24139	21245	0.11
CDL15_Pgr006800	27820	44381	27426
CDL15_Pgr006841	44503	34366	11324
CDL15_Pgr006875	44241	14.84	31017
CDL15_Pgr006906	176.58	176.04	170.20
CDL15_Pgr006929	24381	29129	44479
CDL15_Pgr006937	16.41	15.46	22282
CDL15_Pgr006938	25.28	29.34	21.70
CDL15_Pgr006974	256.50	251.55	192.00
CDL15_Pgr006998	44231	29677	21947
CDL15_Pgr007020	89.63	100.66	74.80
CDL15_Pgr007045	0.43	0.71	0.17
CDL15_Pgr007052	28887	13210	44958
CDL15_Pgr007122	23071	41760	11324
CDL15_Pgr007182	44532	11720	25934
CDL15_Pgr007185	26.16	26.14	20.44
CDL15_Pgr007210	0.73	0.80	0.21
CDL15_Pgr007212	137.15	139.55	119.09
CDL15_Pgr007271	0.24	0.24	0
CDL15_Pgr007278	44470	46296	25812
CDL15_Pgr007281	33756	46569	17685
CDL15_Pgr007289	22.67	22.39	19.24
CDL15_Pgr007297	45413	22402	15067
CDL15_Pgr007394	76.42	76.52	57.38
CDL15_Pgr007397	22.00	33.61	36404
CDL15_Pgr007453	0.22	0.22	0.06
CDL15_Pgr007464	44450	44297	35674
CDL15_Pgr007515	20.93	21.97	44489
CDL15_Pgr007516	19.00	19.95	17.56
CDL15_Pgr007530	18.51	19.57	27364
CDL15_Pgr007546	22.22	22.81	18.35
CDL15_Pgr007564	43497	11720	35431
CDL15_Pgr007603	19419	34029	34366

CDL15_Pgr007641	21155	13.44	36069
CDL15_Pgr007644	46844	26024	24139
CDL15_Pgr007690	120.16	235.11	34.61
CDL15_Pgr007700	21.45	44311	16.60
CDL15_Pgr007719	0.11	0.11	0
CDL15_Pgr007729	19360	44410	0.11
CDL15_Pgr007755	0.32	0.40	0.25
CDL15_Pgr007759	23071	20546	21551
CDL15_Pgr007766	43497	11383	13881
CDL15_Pgr007793	47.41	47.69	43.38
CDL15_Pgr007795	41548	24351	27120
CDL15_Pgr007819	0.45	0.45	0.08
CDL15_Pgr007820	33.48	37.99	29.42
CDL15_Pgr007821	32.64	36.17	27.98
CDL15_Pgr007828	0.23	0.35	0
CDL15_Pgr007843	65.97	78.76	39.53
CDL15_Pgr007851	0.13	0.22	0.06
CDL15_Pgr007916	68.29	76.25	39.71
CDL15_Pgr007958	48.08	48.92	31.58
CDL15_Pgr007966	16803	16438	0.34
CDL15_Pgr007977	21155	15.32	17807
CDL15_Pgr008004	10959	22282	0.17
CDL15_Pgr008010	91.02	103.09	79.42
CDL15_Pgr008021	15.51	15.85	12663
CDL15_Pgr008100	14.72	14.41	24746
CDL15_Pgr008101	29.69	29.02	44275
CDL15_Pgr008184	11444	20241	15401
CDL15_Pgr008369	20029	44208	35339
CDL15_Pgr008391	0.10	0.15	0
CDL15_Pgr008394	16103	28522	34335
CDL15_Pgr008416	14.49	44546	22129
CDL15_Pgr008493	0.23	0.22	0
CDL15_Pgr008544	22129	33451	21002
CDL15_Pgr008549	31.25	33.50	27.65
CDL15_Pgr008557	14.67	16.32	31564

CDL15_Pgr008623	44348	45292	0.41
CDL15_Pgr008665	23559	47331	30468
CDL15_Pgr008719	19419	30376	0.94
CDL15_Pgr008758	0.48	0.49	0.34
CDL15_Pgr008770	50.43	54.70	46.73
CDL15_Pgr008804	44348	44378	0.86
CDL15_Pgr008809	46.02	50.49	28.74
CDL15_Pgr008835	20394	16.98	31138
CDL15_Pgr008836	151.27	183.02	123.10
CDL15_Pgr008872	19.37	20.52	44324
CDL15_Pgr008894	0.47	0.53	0.29
CDL15_Pgr008919	124.07	136.96	114.83
CDL15_Pgr008922	62.44	69.29	51.30
CDL15_Pgr008953	65.09	72.57	53.70
CDL15_Pgr008968	17.86	22.21	16742
CDL15_Pgr008990	32813	44390	45505
CDL15_Pgr008991	24.23	27.56	21.59
CDL15_Pgr008997	21916	21186	43831
CDL15_Pgr009018	44501	17533	0.70
CDL15_Pgr009080	19.49	19.87	18.23
CDL15_Pgr009081	19.39	21.37	14.57
CDL15_Pgr009095	0.54	0.75	0.28
CDL15_Pgr009096	61.03	61.25	58.72
CDL15_Pgr009100	44419	12359	16346
CDL15_Pgr009108	70.06	78.55	64.05
CDL15_Pgr009112	32.75	33.26	30.56
CDL15_Pgr009238	44593	41334	16803
CDL15_Pgr009276	18354	41760	36220
CDL15_Pgr009364	0.44	0.44	0
CDL15_Pgr009365	0.90	12420	0.46
CDL15_Pgr009537	25965	19815	14246
CDL15_Pgr009547	29312	45047	21582
CDL15_Pgr009576	13.39	14.85	22190
CDL15_Pgr009579	42887	46905	45778
CDL15_Pgr009585	24838	44410	43466

CDL15_Pgr009635	14.50	16.49	20424
CDL15_Pgr009638	33604	12844	0.12
CDL15_Pgr009657	38.77	40.10	36.17
CDL15_Pgr009722	21671	13271	34731
CDL15_Pgr009758	146.65	146.68	135.10
CDL15_Pgr009770	26.79	28.26	23.84
CDL15_Pgr009792	31.64	33.12	21.13
CDL15_Pgr009800	0.34	0.34	0.12
CDL15_Pgr009837	11902	27607	44506
CDL15_Pgr009849	15.29	15.35	44242
CDL15_Pgr009866	34608	36465	0.49
CDL15_Pgr009882	19664	21125	14458
CDL15_Pgr009900	29556	17.60	23468
CDL15_Pgr009906	4.00	31837	27760
CDL15_Pgr009933	23498	22767	18354
CDL15_Pgr009934	44297	34639	41548
CDL15_Pgr009936	44475	12936	44201
CDL15_Pgr009952	21064	30225	30498
CDL15_Pgr009962	101.37	102.70	87.61
CDL15_Pgr009979	0.89	0.93	0.73
CDL15_Pgr009992	13271	44383	35490
CDL15_Pgr010000	22129	26146	44323
CDL15_Pgr010001	47.17	48.34	44.11
CDL15_Pgr010027	27211	44263	36192
CDL15_Pgr010028	14977	24473	0.71
CDL15_Pgr010069	46997	14.50	44441
CDL15_Pgr010072	16.51	16.81	15.15
CDL15_Pgr010082	412.16	480.67	299.09
CDL15_Pgr010186	76.91	92.44	48.78
CDL15_Pgr010187	117.60	120.41	114.30
CDL15_Pgr010200	16.37	16.32	27668
CDL15_Pgr010218	18.63	20.19	44361
CDL15_Pgr010231	42186	31990	23071
CDL15_Pgr010294	31.37	32.22	30.21
CDL15_Pgr010315	0.48	0.48	0.30

CDL15_Pgr010341	0.52	0.49	0
CDL15_Pgr010347	0.37	0.40	0.03
CDL15_Pgr010348	16316	32752	44044
CDL15_Pgr010391	43.62	45.65	41.55
CDL15_Pgr010400	18.28	44216	13.70
CDL15_Pgr010465	88.70	91.23	75.86
CDL15_Pgr010534	18.32	18.44	15.58
CDL15_Pgr010557	315.63	372.78	237.07
CDL15_Pgr010559	44.28	59.49	44347
CDL15_Pgr010584	16103	29252	46023
CDL15_Pgr010618	67.15	83.38	41.59
CDL15_Pgr010627	15.72	16.35	31747
CDL15_Pgr010655	41640	20455	0
CDL15_Pgr010657	0.95	44256	0.25
CDL15_Pgr010696	112.88	120.60	106.81
CDL15_Pgr010792	0.15	0.30	0
CDL15_Pgr010820	22.25	24.47	20.19
CDL15_Pgr010822	15.57	16.77	13.80
CDL15_Pgr010841	255.29	264.64	160.83
CDL15_Pgr010842	47.14	49.60	42.63
CDL15_Pgr010843	61.94	63.62	55.88
CDL15_Pgr010865	45931	44266	33817
CDL15_Pgr010909	18810	44044	11110
CDL15_Pgr010912	14824	44325	28672
CDL15_Pgr010944	0.37	0.50	0.13
CDL15_Pgr010974	30803	22890	18264
CDL15_Pgr011023	396.52	568.21	180.60
CDL15_Pgr011025	56.98	67.89	30.30
CDL15_Pgr011040	36.77	39.13	33.54
CDL15_Pgr011046	15.34	15.59	14.88
CDL15_Pgr011051	35.92	39.55	31.04
CDL15_Pgr011082	45017	46113	28522
CDL15_Pgr011088	0.09	0.09	0
CDL15_Pgr011102	0.49	0.82	0.08
CDL15_Pgr011123	19756	3.00	28491

CDL15_Pgr011124	0.64	0.64	0
CDL15_Pgr011125	44531	47119	0.62
CDL15_Pgr011130	0.79	0.80	0.09
CDL15_Pgr011181	138.48	142.35	122.48
CDL15_Pgr011204	0.43	0.54	0.22
CDL15_Pgr011214	19176	41852	44713
CDL15_Pgr011217	36.28	37.96	28.31
CDL15_Pgr011227	39.35	52.86	22.54
CDL15_Pgr011280	27.14	29.26	19.30
CDL15_Pgr011319	44479	28825	35156
CDL15_Pgr011340	21.66	22.41	20.70
CDL15_Pgr011365	44229	44318	24108
CDL15_Pgr011466	36342	26512	23163
CDL15_Pgr011556	0.79	14977	0.27
CDL15_Pgr011581	87.27	86.31	66.51
CDL15_Pgr011597	0.15	0.17	0
CDL15_Pgr011635	22890	15250	26390
CDL15_Pgr011741	60.31	69.36	52.94
CDL15_Pgr011773	22007	26390	22706
CDL15_Pgr011783	17168	28856	1.00
CDL15_Pgr011801	41730	12571	44228
CDL15_Pgr011874	18688	24532	44442
CDL15_Pgr011975	22647	31778	0.78
CDL15_Pgr011984	0.14	0.21	0.07
CDL15_Pgr011986	41275	44531	0.75
CDL15_Pgr011988	143.30	158.90	102.42
CDL15_Pgr011990	0.21	0.21	0
CDL15_Pgr012016	240.60	236.14	134.33
CDL15_Pgr012035	0.65	0.70	0.53
CDL15_Pgr012047	13.65	13.59	16346
CDL15_Pgr012067	70.79	70.97	33.97
CDL15_Pgr012127	0.33	0.33	0.17
CDL15_Pgr012167	32874	31048	0.72
CDL15_Pgr012314	226.38	273.03	193.41
CDL15_Pgr012548	0.29	0.35	0.10

CDL15_Pgr012549	141.42	142.50	129.32
CDL15_Pgr012573	45352	45383	44229
CDL15_Pgr012586	44531	21551	0.17
CDL15_Pgr012591	22647	46082	0.38
CDL15_Pgr012684	22706	19784	31809
CDL15_Pgr012742	85.20	85.71	63.87
CDL15_Pgr012779	0.08	0.16	0
CDL15_Pgr012786	44256	11324	0
CDL15_Pgr012913	13667	44415	31413
CDL15_Pgr012938	71.61	74.21	61.58
CDL15_Pgr013040	53.51	61.16	42.82
CDL15_Pgr013062	0.16	0.17	0
CDL15_Pgr013069	0.62	0.64	0
CDL15_Pgr013130	0.95	14246	0
CDL15_Pgr013207	16.41	16.18	33573
CDL15_Pgr013256	16.28	17.19	19664
CDL15_Pgr013276	137.50	144.30	78.69
CDL15_Pgr013289	0.08	0.11	0
CDL15_Pgr013319	2.00	44593	44256
CDL15_Pgr013345	44397	44308	18.50
CDL15_Pgr013390	24139	41334	32143
CDL15_Pgr013426	477.41	509.70	389.20
CDL15_Pgr013429	41275	16803	0.42
CDL15_Pgr013462	29983	44230	23408
CDL15_Pgr013497	29342	44233	34759
CDL15_Pgr013550	20576	30803	44319
CDL15_Pgr013552	142.84	164.50	116.68
CDL15_Pgr013557	43160	25263	22313
CDL15_Pgr013642	22313	46082	44198
CDL15_Pgr013648	0.15	0.17	0.03
CDL15_Pgr013765	0.23	0.38	0
CDL15_Pgr013810	31898	24624	44652
CDL15_Pgr013952	43647	45139	44231
CDL15_Pgr013971	346.53	352.01	294.26
CDL15_Pgr014003	27791	24869	29952

CDL15_Pgr014047	23.29	26.48	16.28
CDL15_Pgr014059	0.61	0.66	0.24
CDL15_Pgr014222	36.79	38.72	31.11
CDL15_Pgr014257	44410	44349	0.31
CDL15_Pgr014302	17076	26207	34912
CDL15_Pgr014372	26.58	27.80	22.49
CDL15_Pgr014401	16.00	15.96	14.44
CDL15_Pgr014418	1729.54	1715.78	1205.96
CDL15_Pgr014425	66.21	65.72	54.87
CDL15_Pgr014480	24.34	44527	21.56
CDL15_Pgr014534	20.39	21.25	44243
CDL15_Pgr014613	0.11	0.11	0
CDL15_Pgr014679	236.52	266.98	138.52
CDL15_Pgr014720	0.77	45292	0.38
CDL15_Pgr014726	162.64	172.98	155.06
CDL15_Pgr014739	0.39	0.39	0.10
CDL15_Pgr014763	346.54	350.52	300.65
CDL15_Pgr014782	14.57	44362	13.26
CDL15_Pgr014818	11232	22586	25051
CDL15_Pgr014831	36.33	35.77	24.17
CDL15_Pgr014832	213.57	241.72	153.10
CDL15_Pgr014863	44256	25628	20486
CDL15_Pgr014870	87.96	99.18	77.14
CDL15_Pgr014932	22.72	22.69	18.69
CDL15_Pgr014992	0.21	0.21	0
CDL15_Pgr015002	0.30	0.30	0.10
CDL15_Pgr015008	23.38	25.32	44392
CDL15_Pgr015011	0.89	1.00	0.73
CDL15_Pgr015051	56.93	58.51	55.61
CDL15_Pgr015137	22.16	22.93	22951
CDL15_Pgr015286	10959	16438	44531
CDL15_Pgr015299	0.73	0.67	0.14
CDL15_Pgr015360	23.80	25.88	44245
CDL15_Pgr015375	13.39	14.33	16772
CDL15_Pgr015402	31048	34731	0.89

CDL15_Pgr015406	1555.40	1628.75	1451.00
CDL15_Pgr015447	44410	20121	41640
CDL15_Pgr015450	18.70	19.86	15.84
CDL15_Pgr015517	15707	20455	0.58
CDL15_Pgr015519	0.64	42370	0
CDL15_Pgr015547	0.10	0.16	0
CDL15_Pgr015563	18.58	21.56	14.46
CDL15_Pgr015585	0.86	25934	0.18
CDL15_Pgr015635	19.72	21.97	44388
CDL15_Pgr015700	0.07	0.12	0
CDL15_Pgr015724	60.74	61.89	50.96
CDL15_Pgr015757	75.61	84.52	67.04
CDL15_Pgr015775	30042	22068	0.43
CDL15_Pgr015801	35400	13.64	31625
CDL15_Pgr015820	31229	23193	22737
CDL15_Pgr015863	47178	14305	11355
CDL15_Pgr015869	26.94	28.16	41913
CDL15_Pgr015881	15766	16862	41640
CDL15_Pgr015883	48.74	78.80	22.37
CDL15_Pgr015906	24.67	25.43	14.99
CDL15_Pgr015907	295.49	364.01	181.67
CDL15_Pgr015930	23163	22463	30803
CDL15_Pgr015946	97.77	98.70	52.10
CDL15_Pgr015970	0.09	0.17	0
CDL15_Pgr015990	23102	45413	25628
CDL15_Pgr016021	0.15	0.15	0
CDL15_Pgr016043	22890	25082	47362
CDL15_Pgr016088	19085	12145	0.36
CDL15_Pgr016134	14.49	17.92	21094
CDL15_Pgr016137	16.53	17.49	15.50
CDL15_Pgr016199	28.17	28.44	19.42
CDL15_Pgr016201	0.51	0.95	0
CDL15_Pgr016205	38.07	38.14	35.28
CDL15_Pgr016209	23377	34335	13881
CDL15_Pgr016213	55.54	62.74	49.89

CDL15_Pgr016248	25173	44299	11293
CDL15_Pgr016394	0.30	0.29	0
CDL15_Pgr016424	0.48	0.47	0.25
CDL15_Pgr016428	32.07	33.16	30.30
CDL15_Pgr016433	22.64	23.77	18.39
CDL15_Pgr016467	25.57	27.28	14.18
CDL15_Pgr016590	46054	21582	25569
CDL15_Pgr016649	44258	44411	42036
CDL15_Pgr016721	0.25	0.25	0
CDL15_Pgr016821	23377	44441	0.06
CDL15_Pgr016874	30317	12114	0.63
CDL15_Pgr016875	62.75	62.53	45.15
CDL15_Pgr016897	0.49	0.54	0.19
CDL15_Pgr016926	39.96	44.25	36.16
CDL15_Pgr016930	46966	44477	34090
CDL15_Pgr017020	92.98	88.61	35.14
CDL15_Pgr017033	0.21	0.31	0.11
CDL15_Pgr017037	0.51	0.55	0.40
CDL15_Pgr017053	25965	45352	44531
CDL15_Pgr017068	176.91	206.41	146.76
CDL15_Pgr017083	20821	20455	12055
CDL15_Pgr017115	0.55	0.69	0.34
CDL15_Pgr017128	34394	41730	22313
CDL15_Pgr017181	0.35	0.47	0.08
CDL15_Pgr017237	23.91	25.83	22.16
CDL15_Pgr017256	0.27	0.26	0
CDL15_Pgr017271	26177	18568	0
CDL15_Pgr017306	13516	22282	0.80
CDL15_Pgr017351	42.36	42.48	40.69
CDL15_Pgr017382	44378	44501	0.75
CDL15_Pgr017399	44457	18.36	14.34
CDL15_Pgr017422	0.10	0.21	0
CDL15_Pgr017437	0.19	0.19	0.07
CDL15_Pgr017464	44471	45689	0.54
CDL15_Pgr017531	44317	42005	0.89

CDL15_Pgr017551	18.47	19.58	35370
CDL15_Pgr017569	39.86	41.74	34.80
CDL15_Pgr017573	20637	20271	41365
CDL15_Pgr017595	0.09	0.18	0
CDL15_Pgr017626	0.72	0.89	0.37
CDL15_Pgr017654	42186	28672	42491
CDL15_Pgr017683	81.33	89.75	68.38
CDL15_Pgr017710	24838	31778	0.99
CDL15_Pgr017724	13820	44389	18111
CDL15_Pgr017763	38.53	46.11	27.90
CDL15_Pgr017767	28.54	30.44	24.86
CDL15_Pgr017788	22.31	24.73	19.25
CDL15_Pgr017927	20607	44203	33329
CDL15_Pgr018009	0.11	0.15	0
CDL15_Pgr018046	86.79	123.33	57.48
CDL15_Pgr018059	25659	14366	44290
CDL15_Pgr018074	29.13	28.77	21.70
CDL15_Pgr018092	31260	30256	18415
CDL15_Pgr018127	0.30	0.30	0
CDL15_Pgr018149	26.78	25.95	15.17
CDL15_Pgr018169	44713	25720	27881
CDL15_Pgr018182	21125	30987	16316
CDL15_Pgr018218	0.54	0.67	0
CDL15_Pgr018237	44334	20.80	14.56
CDL15_Pgr018251	44409	42948	23924
CDL15_Pgr018269	15.56	15.17	44238
CDL15_Pgr018311	21.13	25.82	13.54
CDL15_Pgr018319	284.69	320.75	212.64
CDL15_Pgr018322	12.00	44267	29434
CDL15_Pgr018340	15766	11749	0.29
CDL15_Pgr018360	35827	31472	25569
CDL15_Pgr018368	0.15	0.15	0
CDL15_Pgr018458	0.88	19725	0
CDL15_Pgr018490	21976	32203	15707
CDL15_Pgr018508	250.49	261.63	128.66

CDL15_Pgr018511	33.52	32.81	23.35
CDL15_Pgr018569	0.64	0.60	0.19
CDL15_Pgr018646	16163	23132	11749
CDL15_Pgr018670	44316	29.63	24.23
CDL15_Pgr018686	28887	28522	19025
CDL15_Pgr018691	20.88	21.37	17.70
CDL15_Pgr018737	41275	22647	0.59
CDL15_Pgr018760	35612	44509	28611
CDL15_Pgr018796	18568	18598	17807
CDL15_Pgr018811	18.69	20.81	16.65
CDL15_Pgr018819	22.71	23.82	21.24
CDL15_Pgr018872	33604	33970	44378
CDL15_Pgr018939	23.46	23.65	16.98
CDL15_Pgr019005	40.21	43.63	33.44
CDL15_Pgr019007	23.18	23.87	19.46
CDL15_Pgr019071	351.62	383.86	326.43
CDL15_Pgr019117	74.99	81.06	50.49
CDL15_Pgr019118	38.32	37.83	29.94
CDL15_Pgr019119	81.90	81.32	30.25
CDL15_Pgr019139	0.56	0.65	0.17
CDL15_Pgr019201	0.17	0.17	0
CDL15_Pgr019253	44927	21916	0.38
CDL15_Pgr019262	63.20	72.03	53.97
CDL15_Pgr019343	88.31	96.03	82.86
CDL15_Pgr019346	0.11	0.11	0
CDL15_Pgr019391	943.73	991.93	900.16
CDL15_Pgr019454	41365	16163	17593
CDL15_Pgr019464	25204	16834	0.29
CDL15_Pgr019477	29830	30225	26877
CDL15_Pgr019483	0.50	0.97	0
CDL15_Pgr019491	379.26	431.28	244.95
CDL15_Pgr019553	44443	44381	32933
CDL15_Pgr019637	0.53	0.53	0.28
CDL15_Pgr019670	43.50	46.40	31.52
CDL15_Pgr019671	44486	18.91	13119

CDL15_Pgr019685	0.86	0.81	0.33
CDL15_Pgr019766	0.28	0.38	0.20
CDL15_Pgr019769	44896	14.72	27546
CDL15_Pgr019786	0.15	0.15	0
CDL15_Pgr019788	0.36	0.48	0.13
CDL15_Pgr019789	33756	27942	44475
CDL15_Pgr019818	529.19	652.65	384.71
CDL15_Pgr019840	22706	11444	34700
CDL15_Pgr019865	46631	18142	36342
CDL15_Pgr019895	11994	43405	11933
CDL15_Pgr019977	22282	44441	42005
CDL15_Pgr020023	0.16	0.22	0.11
CDL15_Pgr020065	33512	16011	18445
CDL15_Pgr020081	21732	35278	20972
CDL15_Pgr020089	44381	44231	20121
CDL15_Pgr020095	254.78	290.09	229.05
CDL15_Pgr020123	108.22	107.03	81.51
CDL15_Pgr020126	32874	42036	12420
CDL15_Pgr020193	31.94	44347	23.49
CDL15_Pgr020225	46388	18994	44256
CDL15_Pgr020258	0.36	0.52	0.21
CDL15_Pgr020269	44296	44357	15554
CDL15_Pgr020277	34731	45717	44593
CDL15_Pgr020281	259.52	254.39	137.18
CDL15_Pgr020339	18354	23468	44442
CDL15_Pgr020341	15.91	17.42	29556
CDL15_Pgr020345	26146	16772	43221
CDL15_Pgr020401	72.58	73.58	71.24
CDL15_Pgr020407	70.08	77.25	59.79
CDL15_Pgr020412	190.44	205.67	161.98
CDL15_Pgr020424	27.30	26.75	43770
CDL15_Pgr020425	0.36	0.41	0.05
CDL15_Pgr020436	17.75	17.86	17.16
CDL15_Pgr020476	14154	30590	42979
CDL15_Pgr020493	14946	22251	21459

CDL15_Pgr020500	17593	13971	27791
CDL15_Pgr020504	43466	18994	0.64
CDL15_Pgr020518	47178	23437	30348
CDL15_Pgr020520	55.84	80.39	31.94
CDL15_Pgr020528	0.35	0.36	0
CDL15_Pgr020565	28491	34335	44317
CDL15_Pgr020573	93.96	121.44	70.58
CDL15_Pgr020716	28095	13.33	46478
CDL15_Pgr020727	15.59	15.48	44388
CDL15_Pgr020799	44478	44478	26146
CDL15_Pgr020809	32660	29434	0
CDL15_Pgr020834	0.28	0.56	0
CDL15_Pgr020882	44443	27485	18629
CDL15_Pgr020887	55.35	60.69	44.15
CDL15_Pgr020901	0.72	0.79	0.41
CDL15_Pgr020929	15738	47178	12420
CDL15_Pgr020943	28126	30376	0
CDL15_Pgr020967	115.41	108.50	48.53
CDL15_Pgr020979	31.97	34.07	21.83
CDL15_Pgr020993	16.76	18.31	13.65
CDL15_Pgr021012	0.34	0.34	0.18
CDL15_Pgr021017	44409	44378	0.12
CDL15_Pgr021028	3.00	30468	0
CDL15_Pgr021109	105.90	108.95	101.56
CDL15_Pgr021132	30.65	34.47	23986
CDL15_Pgr021136	31564	42552	31444
CDL15_Pgr021203	20.82	26.69	15.23
CDL15_Pgr021226	0.19	0.29	0.10
CDL15_Pgr021236	44256	44228	0
CDL15_Pgr021282	11841	45078	16558
CDL15_Pgr021289	0.24	0.35	0.11
CDL15_Pgr021293	34.62	33.58	20.50
CDL15_Pgr021304	0.10	0.11	0
CDL15_Pgr021314	0.29	0.38	0.05
CDL15_Pgr021315	0.16	0.20	0

CDL15_Pgr021387	45292	41275	0.12
CDL15_Pgr021397	154.19	167.73	130.02
CDL15_Pgr021417	0.05	0.11	0
CDL15_Pgr021428	22.68	30.26	16.86
CDL15_Pgr021449	198.09	229.39	175.83
CDL15_Pgr021456	25173	13.42	45505
CDL15_Pgr021461	23.59	23.13	15.85
CDL15_Pgr021496	26359	44412	32905
CDL15_Pgr021512	34.99	38.84	31.66
CDL15_Pgr021519	14366	11475	20180
CDL15_Pgr021550	18.76	18.49	13.19
CDL15_Pgr021560	52.36	57.55	33.82
CDL15_Pgr021577	104.46	104.29	86.04
CDL15_Pgr021599	0.20	0.27	0
CDL15_Pgr021638	69.44	71.80	65.21
CDL15_Pgr021654	122.63	150.30	101.15
CDL15_Pgr021700	0.08	0.16	0
CDL15_Pgr021712	29646	42461	41699
CDL15_Pgr021749	44475	21367	30042
CDL15_Pgr021757	18.84	20.72	16.59
CDL15_Pgr021758	44468	32.52	24.46
CDL15_Pgr021780	47.05	51.37	20.63
CDL15_Pgr021787	0.18	0.29	0.04
CDL15_Pgr021815	15766	12479	32874
CDL15_Pgr021830	17.96	22.41	33848
CDL15_Pgr021851	15.73	15.93	44355
CDL15_Pgr021854	35796	23774	0.25
CDL15_Pgr021937	23.67	26.96	20.40
CDL15_Pgr022041	44166	22221	21702
CDL15_Pgr022069	44291	42856	32540
CDL15_Pgr022135	44414	44415	44321
CDL15_Pgr022150	215.56	245.12	184.06
CDL15_Pgr022157	17.24	20.78	11933
CDL15_Pgr022255	44256	44409	0.43
CDL15_Pgr022301	430.65	510.26	348.64

CDL15_Pgr022328	2548.15	3180.24	1972.08
CDL15_Pgr022356	13.91	17.74	44044
CDL15_Pgr022365	43983	35977	32599
CDL15_Pgr022388	44317	44317	0.11
CDL15_Pgr022391	301.10	302.07	254.28
CDL15_Pgr022421	44465	26.19	24.28
CDL15_Pgr022454	0.26	0.53	0.05
CDL15_Pgr022494	19.75	18.87	20363
CDL15_Pgr022500	32568	34790	0.58
CDL15_Pgr022517	44197	23743	0.68
CDL15_Pgr022529	0.13	0.26	0
CDL15_Pgr022546	101.86	108.94	96.84
CDL15_Pgr022597	744.19	786.27	627.46
CDL15_Pgr022642	46.86	54.64	39.79
CDL15_Pgr022645	13971	5.00	35462
CDL15_Pgr022672	27.69	27.29	21.40
CDL15_Pgr022704	23743	27395	42370
CDL15_Pgr022767	0.55	44409	0
CDL15_Pgr022784	43009	44357	32264
CDL15_Pgr022790	23.72	25.46	16.31
CDL15_Pgr022820	65.61	80.15	53.59
CDL15_Pgr022869	38.36	45.95	27.68
CDL15_Pgr022888	55.08	62.90	44.40
CDL15_Pgr022890	103.33	118.45	86.95
CDL15_Pgr022923	28491	32143	0.78
CDL15_Pgr022946	33390	33055	26359
CDL15_Pgr022960	13.35	14.63	34973
CDL15_Pgr022988	146.77	148.48	134.95
CDL15_Pgr022989	30987	44328	31686
CDL15_Pgr022991	0.75	0.76	0.42
CDL15_Pgr023004	15797	15432	44319
CDL15_Pgr023035	17199	34366	32874
CDL15_Pgr023037	54.33	58.04	46.39
CDL15_Pgr023045	33390	7.00	32568
CDL15_Pgr023059	65.39	66.23	56.08

CDL15_Pgr023069	26238	20760	45108
CDL15_Pgr023073	27.21	29.16	25.61
CDL15_Pgr023093	43647	34516	27515
CDL15_Pgr023147	109.16	114.63	97.39
CDL15_Pgr023158	111.78	118.18	103.65
CDL15_Pgr023206	115.96	126.34	48.49
CDL15_Pgr023212	33025	29068	15462
CDL15_Pgr023218	34.20	44.11	25.20
CDL15_Pgr023331	62.73	64.40	56.93
CDL15_Pgr023332	11324	22647	0.18
CDL15_Pgr023361	0.98	43831	0.51
CDL15_Pgr023366	13.81	14.80	35400
CDL15_Pgr023368	44341	27.22	21.32
CDL15_Pgr023371	32051	30225	18445
CDL15_Pgr023413	207.35	204.18	110.75
CDL15_Pgr023416	0.68	43101	0
CDL15_Pgr023501	400.30	407.15	345.74
CDL15_Pgr023516	0.53	0.54	0.28
CDL15_Pgr023525	37.81	39.00	30.69
CDL15_Pgr023585	22.15	26.40	14.55
CDL15_Pgr023610	90.53	92.82	45.18
CDL15_Pgr023649	42461	13606	25934
CDL15_Pgr023769	46874	15462	28581
CDL15_Pgr023804	1.00	12420	0.46
CDL15_Pgr023945	56.40	58.98	53.58
CDL15_Pgr024009	67.83	70.52	58.08
CDL15_Pgr024019	0.91	1.00	0.77
CDL15_Pgr024061	22433	44294	13636
CDL15_Pgr024069	23043	44443	44378
CDL15_Pgr024071	13516	35065	0.31
CDL15_Pgr024153	23.46	24.24	21.38
CDL15_Pgr024205	18994	18264	44562
CDL15_Pgr024208	862.18	1073.85	615.17
CDL15_Pgr024212	44260	35521	12510
CDL15_Pgr024236	185.42	185.59	164.41

CDL15_Pgr024246	32.36	34.95	28.74
CDL15_Pgr024254	32.90	33.53	31.68
CDL15_Pgr024272	69.32	71.83	60.54
CDL15_Pgr024338	0.11	0.11	0
CDL15_Pgr024349	0.15	0.28	0
CDL15_Pgr024373	29221	34731	0.93
CDL15_Pgr024379	0.77	12785	0
CDL15_Pgr024386	32143	32874	45658
CDL15_Pgr024459	51.20	55.18	27.14
CDL15_Pgr024529	76.86	81.81	69.56
CDL15_Pgr024567	88.56	93.13	84.17
CDL15_Pgr024568	95.48	110.91	71.51
CDL15_Pgr024572	0.11	0.23	0
CDL15_Pgr024613	0.16	0.17	0
CDL15_Pgr024645	17.31	17.29	13.52
CDL15_Pgr024944	54.88	54.33	40.00
CDL15_Pgr024957	0.99	46023	0.68
CDL15_Pgr024959	0.27	0.27	0.14
CDL15_Pgr024962	44264	44417	21337
CDL15_Pgr024963	26.20	30.95	44274
CDL15_Pgr024990	37.02	37.54	35.58
CDL15_Pgr024993	243.68	254.29	213.16
CDL15_Pgr025039	15.16	14.80	30560
CDL15_Pgr025045	24959	13667	18354
CDL15_Pgr025059	188.14	184.81	156.15
CDL15_Pgr025095	24.38	36.13	13.39
CDL15_Pgr025100	20.36	21.85	15.70
CDL15_Pgr025112	0.56	0.94	0.19
CDL15_Pgr025170	17472	14.71	41791
CDL15_Pgr025228	0.16	0.16	0
CDL15_Pgr025239	516.77	598.03	427.79
CDL15_Pgr025266	44418	44482	45839
CDL15_Pgr025277	72.18	77.78	65.45
CDL15_Pgr025295	2752.37	2671.63	1868.99
CDL15_Pgr025314	58.05	56.28	38.83

CDL15_Pgr025329	30072	25355	44232
CDL15_Pgr025411	17.20	44552	35735
CDL15_Pgr025426	45413	27515	26755
CDL15_Pgr025432	25294	26054	33298
CDL15_Pgr025457	28581	15097	28185
CDL15_Pgr025458	15.35	16.42	32417
CDL15_Pgr025461	45.98	45.37	34.69
CDL15_Pgr025471	0.55	0.50	0
CDL15_Pgr025478	431.52	431.67	297.35
CDL15_Pgr025509	0.23	0.24	0
CDL15_Pgr025527	30376	4.00	12451
CDL15_Pgr025554	434.03	429.73	270.20
CDL15_Pgr025563	62.93	61.55	27.15
CDL15_Pgr025565	12936	14427	20576
CDL15_Pgr025586	44455	17.95	36404
CDL15_Pgr025589	20.43	20.35	17.16
CDL15_Pgr025674	25263	32568	0.83
CDL15_Pgr025702	16.13	17.67	34608
CDL15_Pgr025707	44593	26696	0.19
CDL15_Pgr025727	111.24	115.96	105.72
CDL15_Pgr025745	23955	13485	33725
CDL15_Pgr025749	190.21	205.76	150.07
CDL15_Pgr025777	25.75	26.51	17.60
CDL15_Pgr025779	46235	15919	31594
CDL15_Pgr025795	27.68	41.85	42339
CDL15_Pgr025802	44317	44228	0.77
CDL15_Pgr025856	0.08	0.16	0
CDL15_Pgr025869	95.74	102.05	82.58
CDL15_Pgr025898	44369	20.76	44203
CDL15_Pgr025907	33.61	38.40	16.14
CDL15_Pgr025909	41.62	42.76	34.41
CDL15_Pgr025922	344.29	357.44	316.49
CDL15_Pgr025957	0.94	0.86	0.09
CDL15_Pgr026031	46.68	52.02	37.62
CDL15_Pgr026034	0.92	44197	0.72

CDL15_Pgr026038	15493	42522	0.70
CDL15_Pgr026280	30195	44541	23955
CDL15_Pgr026326	0.26	0.34	0.12
CDL15_Pgr026348	20149	16528	17564
CDL15_Pgr026373	95.75	138.37	63.81
CDL15_Pgr026376	68.36	70.29	65.75
CDL15_Pgr026486	71.52	83.26	56.99
CDL15_Pgr026489	50.58	60.32	40.73
CDL15_Pgr026496	33.42	35.14	31.17
CDL15_Pgr026500	26512	46266	14793
CDL15_Pgr026530	46.94	49.80	35.14
CDL15_Pgr026532	29526	35004	45474
CDL15_Pgr026618	55.37	58.35	46.82
CDL15_Pgr026655	35.77	42.17	27.16
CDL15_Pgr026685	0.67	0.74	0.13
CDL15_Pgr026692	16681	23255	18111
CDL15_Pgr026701	32.28	39.45	17.76
CDL15_Pgr026720	0.96	44927	0.27
CDL15_Pgr026737	5.00	32964	32203
CDL15_Pgr026770	44409	43101	0.77
CDL15_Pgr026788	0.23	0.23	0
CDL15_Pgr026840	28.72	37.73	19.92
CDL15_Pgr026879	12510	22007	34366
CDL15_Pgr026881	332.45	355.15	210.94
CDL15_Pgr026907	343.48	474.12	236.80
CDL15_Pgr026932	0.64	0.60	0.10
CDL15_Pgr026981	0.60	44409	0.25
CDL15_Pgr027025	0.30	0.30	0
CDL15_Pgr027032	0.21	0.22	0.11
CDL15_Pgr027049	29312	32599	29281
CDL15_Pgr027080	31686	44513	24685
CDL15_Pgr027157	242.52	250.58	208.32
CDL15_Pgr027217	53.80	67.64	43.52
CDL15_Pgr027281	81.10	91.16	67.20
CDL15_Pgr027287	17107	17472	11628

CDL15_Pgr027303	0.63	0.57	0
CDL15_Pgr027316	0.58	0.84	0.30
CDL15_Pgr027330	0.74	0.82	0.25
CDL15_Pgr027423	22313	28887	16469
CDL15_Pgr027442	0.74	0.74	0.61
CDL15_Pgr027468	37.95	37.79	33.18
CDL15_Pgr027504	35796	33604	0.52
CDL15_Pgr027515	44378	42736	0.88
CDL15_Pgr027536	16.28	44274	14.20
CDL15_Pgr027547	141.34	160.09	116.11
CDL15_Pgr027598	251.18	250.59	207.86
CDL15_Pgr027603	0.17	0.17	0
CDL15_Pgr027608	20029	13.75	11536
CDL15_Pgr027616	44531	41275	0.82
CDL15_Pgr027657	50.11	56.37	42.77
CDL15_Pgr027660	20941	19115	29221
CDL15_Pgr027661	0.52	0.64	0
CDL15_Pgr027700	44350	35096	44502
CDL15_Pgr027750	704.74	838.25	525.10
CDL15_Pgr027784	48.53	54.33	40.08
CDL15_Pgr027797	44380	33270	13516
CDL15_Pgr027828	0.56	0.75	0.19
CDL15_Pgr027839	25.00	44495	19.15
CDL15_Pgr027856	23.67	23.93	19.74
CDL15_Pgr027910	0.06	0.12	0
CDL15_Pgr027930	46054	17199	21551
CDL15_Pgr027976	16.97	18.48	29526
CDL15_Pgr027992	185.92	209.68	142.98
CDL15_Pgr027994	20090	25204	44470
CDL15_Pgr027996	44436	34.54	21.32
CDL15_Pgr028006	58.91	61.58	51.51
CDL15_Pgr028037	0.20	0.30	0
CDL15_Pgr028079	44322	28976	22313
CDL15_Pgr028120	16103	32568	45658
CDL15_Pgr028121	347.94	325.80	106.79

CDL15_Pgr028156	17.64	17.95	16.60
CDL15_Pgr028179	113.40	112.78	77.62
CDL15_Pgr028209	35.33	35.70	32.17
CDL15_Pgr028242	0.09	0.09	0
CDL15_Pgr028247	45.86	51.52	39.09
CDL15_Pgr028267	30.26	31.57	27.83
CDL15_Pgr028314	0.61	0.91	0
CDL15_Pgr028335	44470	43466	0.41
CDL15_Pgr028337	17.63	17.39	15.17
CDL15_Pgr028426	0.26	0.34	0
CDL15_Pgr028476	59.39	67.41	49.21
CDL15_Pgr028477	15.21	15.96	13.63
CDL15_Pgr028504	33.27	34.56	28.85
CDL15_Pgr028507	30.35	33.38	25.17
CDL15_Pgr028546	136.66	147.39	106.68
CDL15_Pgr028554	0.61	0.61	0
CDL15_Pgr028575	42736	35796	0.30
CDL15_Pgr028623	44535	46174	44621
CDL15_Pgr028625	0.06	0.11	0
CDL15_Pgr028630	36161	44441	23743
CDL15_Pgr028639	19694	25173	23682
CDL15_Pgr028663	0.86	0.85	0.22
CDL15_Pgr028676	58.05	87.17	27.70
CDL15_Pgr028695	35.65	35.22	29.91
CDL15_Pgr028847	31625	26573	34851
CDL15_Pgr028867	61.94	62.26	52.13
CDL15_Pgr028889	32782	27729	12966
CDL15_Pgr028899	67.72	69.55	58.08
CDL15_Pgr028901	32509	20121	44531
CDL15_Pgr028907	21.28	23.66	17.76
CDL15_Pgr028936	44.82	44.07	32.06
CDL15_Pgr028959	47.40	47.56	41.30
CDL15_Pgr028997	43770	17472	45870
CDL15_Pgr029002	17.51	17.76	13.59
CDL15_Pgr029004	35247	13028	45078

CDL15_Pgr029090	44409	17015	12206
CDL15_Pgr029106	0.19	0.29	0.05
CDL15_Pgr029108	0.57	0.68	0.46
CDL15_Pgr029126	41.40	40.69	34.11
CDL15_Pgr029142	13241	18354	13210
CDL15_Pgr029181	132.99	139.64	127.12
CDL15_Pgr000003	0	46023	0
CDL15_Pgr000006	0	0.28	0
CDL15_Pgr000007	0.50	43862	0.78
CDL15_Pgr000013	0	0.40	0
CDL15_Pgr000019	0.72	30348	0.55
CDL15_Pgr000020	16.97	33.33	29037
CDL15_Pgr000022	0	0.15	0
CDL15_Pgr000026	0.28	27273	10959
CDL15_Pgr000027	0.91	28216	12420
CDL15_Pgr000028	0	0.13	0
CDL15_Pgr000032	0	44501	0
CDL15_Pgr000033	0.43	44201	0.77
CDL15_Pgr000044	0	0.09	0
CDL15_Pgr000045	27181	44274	46113
CDL15_Pgr000046	0	0.46	0
CDL15_Pgr000052	43466	44198	42736
CDL15_Pgr000054	41275	16011	0.99
CDL15_Pgr000055	0	21916	0
CDL15_Pgr000056	0	0.10	0
CDL15_Pgr000057	0	0.19	0
CDL15_Pgr000058	0.80	21245	0.54
CDL15_Pgr000062	0.12	44532	0.33
CDL15_Pgr000063	0.10	0.96	0.21
CDL15_Pgr000065	21.89	27.78	44549
CDL15_Pgr000066	0	0.13	0
CDL15_Pgr000089	0.27	0.44	0.28
CDL15_Pgr000090	26665	42401	23743
CDL15_Pgr000100	0	0.16	0
CDL15_Pgr000107	0	44317	0

CDL15_Pgr000149	45.69	98.23	24.44
CDL15_Pgr000153	1695.92	2340.58	1374.45
CDL15_Pgr000162	0	0.46	0
CDL15_Pgr000170	0	0.40	0
CDL15_Pgr000177	20333	28399	23255
CDL15_Pgr000185	0	0.16	0
CDL15_Pgr000198	44430	25.66	19.98
CDL15_Pgr000200	0.60	0.77	0.62
CDL15_Pgr000208	0	0.21	0
CDL15_Pgr000209	0	31413	0.40
CDL15_Pgr000230	0	12086	0
CDL15_Pgr000236	0.90	23012	1.00
CDL15_Pgr000254	15.27	17.75	14.84
CDL15_Pgr000259	0	0.09	0
CDL15_Pgr000298	0.61	44410	0.73
CDL15_Pgr000309	0	0.11	0
CDL15_Pgr000310	31.90	55.05	29.42
CDL15_Pgr000352	20271	23621	8.00
CDL15_Pgr000365	34.58	41.24	35.23
CDL15_Pgr000376	445.57	549.13	439.99
CDL15_Pgr000399	0	0.19	0
CDL15_Pgr000406	0	0.30	0
CDL15_Pgr000420	0.38	21916	0.58
CDL15_Pgr000421	0	0.11	0
CDL15_Pgr000425	32629	46204	23863
CDL15_Pgr000438	0	42370	0
CDL15_Pgr000439	0.49	41640	0.55
CDL15_Pgr000441	0	0.16	0
CDL15_Pgr000455	79.47	102.34	74.42
CDL15_Pgr000494	48.29	53.08	48.39
CDL15_Pgr000504	37.86	46.75	38.39
CDL15_Pgr000519	20.31	21.83	19.96
CDL15_Pgr000549	0	46478	0
CDL15_Pgr000557	0	0.53	0
CDL15_Pgr000564	0	0.19	0

CDL15_Pgr000568	37.61	40.22	36.05
CDL15_Pgr000582	0	0.38	0
CDL15_Pgr000596	56.64	111.21	68.12
CDL15_Pgr000625	0	0.44	0.08
CDL15_Pgr000634	0	0.26	0
CDL15_Pgr000659	0	44317	0
CDL15_Pgr000666	44378	14246	0.98
CDL15_Pgr000672	34820	28.66	26908
CDL15_Pgr000689	398.81	547.87	390.99
CDL15_Pgr000690	21.32	23.47	44397
CDL15_Pgr000702	0	41640	0.24
CDL15_Pgr000710	0	0.10	0
CDL15_Pgr000740	0	0.19	0
CDL15_Pgr000762	0	0.63	0
CDL15_Pgr000778	0.59	44440	0.56
CDL15_Pgr000786	44289	44986	35096
CDL15_Pgr000811	64.90	87.48	53.96
CDL15_Pgr000816	0	0.68	0
CDL15_Pgr000830	0	0.13	0
CDL15_Pgr000832	0	0.28	0
CDL15_Pgr000843	18.17	24.22	19.00
CDL15_Pgr000890	76.89	89.51	71.44
CDL15_Pgr000891	0	0.11	0
CDL15_Pgr000922	0	0.12	0
CDL15_Pgr000934	38.22	43.45	36.49
CDL15_Pgr000955	0	0.14	0
CDL15_Pgr000975	0	0.10	0
CDL15_Pgr000991	0	0.48	0
CDL15_Pgr001011	0	0.43	0
CDL15_Pgr001047	0	0.19	0
CDL15_Pgr001065	0	0.53	0.11
CDL15_Pgr001126	44417	19.16	44541
CDL15_Pgr001143	29221	26359	0.93
CDL15_Pgr001186	42.60	52.57	37.80
CDL15_Pgr001199	0	0.67	0

CDL15_Pgr001209	13.78	20.19	14.95
CDL15_Pgr001212	22.70	31.32	23.58
CDL15_Pgr001244	0	0.15	0
CDL15_Pgr001254	21.94	25.80	44551
CDL15_Pgr001263	37.81	51.61	31.35
CDL15_Pgr001268	0	0.29	0
CDL15_Pgr001277	44424	18.80	44392
CDL15_Pgr001281	0	0.26	0
CDL15_Pgr001297	0	0.12	0
CDL15_Pgr001298	11324	23012	42736
CDL15_Pgr001304	0.85	16438	0.63
CDL15_Pgr001311	0.98	26696	44197
CDL15_Pgr001330	0	0.18	0
CDL15_Pgr001333	17.62	22.33	17.55
CDL15_Pgr001354	0.68	44228	0.59
CDL15_Pgr001448	101.97	116.19	100.19
CDL15_Pgr001454	0	0.50	0.07
CDL15_Pgr001469	0	0.46	0.06
CDL15_Pgr001489	0.87	11324	0.79
CDL15_Pgr001507	123.49	156.29	116.29
CDL15_Pgr001518	0.26	47119	0.27
CDL15_Pgr001521	0	0.18	0
CDL15_Pgr001523	380.47	407.93	381.82
CDL15_Pgr001527	0	0.50	0
CDL15_Pgr001532	15462	15128	14732
CDL15_Pgr001537	0	44317	0
CDL15_Pgr001571	27881	46266	46174
CDL15_Pgr001572	0	0.22	0
CDL15_Pgr001599	0.49	43709	0.51
CDL15_Pgr001618	0	0.87	0
CDL15_Pgr001621	44507	18.16	12601
CDL15_Pgr001625	0	0.18	0
CDL15_Pgr001627	52.63	60.42	49.78
CDL15_Pgr001633	0	14246	0
CDL15_Pgr001637	0	0.53	0

CDL15_Pgr001638	0.49	16438	0
CDL15_Pgr001663	29.41	42.71	31.84
CDL15_Pgr001703	0	0.12	0
CDL15_Pgr001726	14611	31809	1.00
CDL15_Pgr001733	29.35	34.89	28.20
CDL15_Pgr001755	0.29	0.65	0.30
CDL15_Pgr001768	24504	11018	21582
CDL15_Pgr001775	0	0.27	0
CDL15_Pgr001806	25.72	29.31	23.94
CDL15_Pgr001813	0	0.47	0
CDL15_Pgr001851	12632	43070	44324
CDL15_Pgr001870	45170	52.60	26969
CDL15_Pgr001871	22372	22.93	22313
CDL15_Pgr001876	43.62	71.11	29.19
CDL15_Pgr001907	0.09	0.18	0.09
CDL15_Pgr001909	0	0.22	0
CDL15_Pgr001913	0	0.12	0.02
CDL15_Pgr001918	0	0.19	0
CDL15_Pgr001936	0	0.15	0
CDL15_Pgr001979	128.56	196.73	130.28
CDL15_Pgr002000	0.76	21490	0.39
CDL15_Pgr002022	19815	44267	21306
CDL15_Pgr002034	54.74	70.58	53.09
CDL15_Pgr002041	34.05	90.84	41.03
CDL15_Pgr002049	51.42	61.38	47.04
CDL15_Pgr002080	0.23	0.66	0.23
CDL15_Pgr002102	28856	44291	10990
CDL15_Pgr002131	0	0.14	0
CDL15_Pgr002134	44473	13271	11780
CDL15_Pgr002138	43405	20.15	34639
CDL15_Pgr002158	44440	34335	44470
CDL15_Pgr002173	0	0.22	0
CDL15_Pgr002179	98.53	127.49	92.44
CDL15_Pgr002182	107.12	220.58	110.73
CDL15_Pgr002219	0	0.29	0

CDL15_Pgr002221	0	0.23	0
CDL15_Pgr002222	0	0.62	0
CDL15_Pgr002302	21.55	22.87	21.63
CDL15_Pgr002318	44348	44503	16438
CDL15_Pgr002347	0	0.50	0
CDL15_Pgr002352	0.59	44532	0.81
CDL15_Pgr002369	0.67	42005	0.35
CDL15_Pgr002375	0	0.41	0
CDL15_Pgr002379	27.58	32.13	24.70
CDL15_Pgr002384	0	0.85	0
CDL15_Pgr002405	0	0.14	0
CDL15_Pgr002424	31898	22798	33725
CDL15_Pgr002442	70.17	79.72	71.60
CDL15_Pgr002455	27942	71.32	17.16
CDL15_Pgr002470	0.06	0.29	0.10
CDL15_Pgr002472	0	0.17	0
CDL15_Pgr002478	43556	28216	43191
CDL15_Pgr002481	0	0.51	0
CDL15_Pgr002498	17533	2.00	19725
CDL15_Pgr002500	66.83	77.56	68.94
CDL15_Pgr002515	43556	33025	13940
CDL15_Pgr002522	13971	34516	31138
CDL15_Pgr002540	61.44	129.42	39.83
CDL15_Pgr002613	0	0.32	0
CDL15_Pgr002652	0	0.28	0
CDL15_Pgr002660	0.36	0.93	0.25
CDL15_Pgr002670	23377	27791	44348
CDL15_Pgr002730	0.44	44409	0
CDL15_Pgr002749	0	0.25	0
CDL15_Pgr002764	0.09	0.18	0.09
CDL15_Pgr002781	299.31	975.87	357.14
CDL15_Pgr002782	239.48	1206.25	353.63
CDL15_Pgr002790	0	0.14	0
CDL15_Pgr002819	0	17899	0
CDL15_Pgr002846	0	0.15	0

CDL15_Pgr002876	0	0.41	0
CDL15_Pgr002891	25.38	32.82	44220
CDL15_Pgr002911	0	0.09	0
CDL15_Pgr002920	0	0.09	0
CDL15_Pgr002938	0	0.12	0
CDL15_Pgr002950	46174	33086	23498
CDL15_Pgr002951	0.81	28491	0.15
CDL15_Pgr003006	0.11	0.67	0.23
CDL15_Pgr003046	41275	34335	44562
CDL15_Pgr003064	0	0.17	0
CDL15_Pgr003103	284.58	343.18	272.98
CDL15_Pgr003104	35704	13.39	22920
CDL15_Pgr003110	14.49	18.86	44211
CDL15_Pgr003124	166.05	277.00	165.01
CDL15_Pgr003126	16.72	20.19	15.61
CDL15_Pgr003139	15.16	29.34	16.80
CDL15_Pgr003155	17.95	28.87	20.35
CDL15_Pgr003158	0	0.96	0
CDL15_Pgr003160	143.89	167.43	144.37
CDL15_Pgr003190	33.47	40.91	31.88
CDL15_Pgr003225	0	0.09	0
CDL15_Pgr003234	22525	18.61	22190
CDL15_Pgr003236	0	0.31	0
CDL15_Pgr003240	0	43101	0
CDL15_Pgr003243	30133	16.20	42125
CDL15_Pgr003295	18.36	21.69	17.33
CDL15_Pgr003328	341.42	485.12	367.82
CDL15_Pgr003345	25.89	32.30	24.37
CDL15_Pgr003358	14.21	44.71	14185
CDL15_Pgr003360	0	44531	0
CDL15_Pgr003393	41.92	64.03	43.49
CDL15_Pgr003403	0	0.17	0.01
CDL15_Pgr003421	42339	23.75	32295
CDL15_Pgr003445	0.31	0.44	0.33
CDL15_Pgr003499	16.34	23.14	13.96

CDL15_Pgr003530	0.69	44409	0.53
CDL15_Pgr003532	0	0.10	0
CDL15_Pgr003545	15.39	18.80	14.42
CDL15_Pgr003547	21582	44287	32905
CDL15_Pgr003559	12693	25.33	28672
CDL15_Pgr003574	20455	33970	17168
CDL15_Pgr003576	12086	26330	45689
CDL15_Pgr003614	0	0.54	0
CDL15_Pgr003624	0	45689	0
CDL15_Pgr003628	0	0.11	0
CDL15_Pgr003647	0	0.60	0
CDL15_Pgr003667	0	0.12	0
CDL15_Pgr003675	0.04	0.20	0
CDL15_Pgr003687	0.25	0.85	0
CDL15_Pgr003692	0	44197	0
CDL15_Pgr003695	0	0.33	0
CDL15_Pgr003696	27.77	39.72	28.30
CDL15_Pgr003701	44562	34001	0.63
CDL15_Pgr003781	87.12	131.55	89.83
CDL15_Pgr003801	24473	24898	12785
CDL15_Pgr003807	0.52	44440	0.51
CDL15_Pgr003818	44986	43191	47178
CDL15_Pgr003823	14.82	28.52	17.76
CDL15_Pgr003836	44.65	91.38	49.23
CDL15_Pgr003847	0	0.15	0
CDL15_Pgr003875	64.34	112.20	64.26
CDL15_Pgr003914	0	0.60	0
CDL15_Pgr003957	0.21	0.56	0.13
CDL15_Pgr003971	0	0.48	0
CDL15_Pgr003998	0	0.48	0
CDL15_Pgr004005	0	0.20	0
CDL15_Pgr004017	0	0.42	0
CDL15_Pgr004021	27820	23468	13210
CDL15_Pgr004025	53.07	61.41	47.74
CDL15_Pgr004037	0	0.23	0

CDL15_Pgr004044	44348	12328	19085
CDL15_Pgr004058	0	0.10	0
CDL15_Pgr004064	0.54	0.96	0.48
CDL15_Pgr004109	0	24869	0
CDL15_Pgr004113	27426	44354	21976
CDL15_Pgr004118	0	0.11	0
CDL15_Pgr004122	0	0.09	0
CDL15_Pgr004151	0	17899	0
CDL15_Pgr004154	12905	26085	29677
CDL15_Pgr004164	0	44348	0.12
CDL15_Pgr004180	0.21	0.62	0
CDL15_Pgr004197	13302	28.43	42278
CDL15_Pgr004206	44490	71.62	19.77
CDL15_Pgr004239	13.62	20.15	13.51
CDL15_Pgr004271	12114	23863	24504
CDL15_Pgr004273	0	0.10	0
CDL15_Pgr004298	31.94	35.95	31.98
CDL15_Pgr004323	17.62	26.17	19.34
CDL15_Pgr004409	0	0.30	0
CDL15_Pgr004411	0	15342	0
CDL15_Pgr004418	0	0.36	0
CDL15_Pgr004434	10959	11018	0.72
CDL15_Pgr004439	0	44230	0
CDL15_Pgr004444	0	0.85	0
CDL15_Pgr004454	39.84	48.67	34.33
CDL15_Pgr004483	0.39	34366	0.80
CDL15_Pgr004531	14246	28126	41640
CDL15_Pgr004544	18629	16163	0.89
CDL15_Pgr004559	0	0.41	0
CDL15_Pgr004573	0	0.39	0
CDL15_Pgr004592	0	0.38	0
CDL15_Pgr004601	0.43	10990	0.77
CDL15_Pgr004602	42.24	54.02	42.26
CDL15_Pgr004607	0	0.46	0.10
CDL15_Pgr004615	0.05	0.16	0.02

CDL15_Pgr004618	83.54	99.16	82.42
CDL15_Pgr004625	0.25	25569	0
CDL15_Pgr004666	0	0.14	0
CDL15_Pgr004671	0	0.52	0
CDL15_Pgr004694	0	0.38	0
CDL15_Pgr004708	0	0.43	0
CDL15_Pgr004713	0	0.79	0
CDL15_Pgr004761	0	0.41	0
CDL15_Pgr004762	12510	17.57	12420
CDL15_Pgr004778	0	0.16	0
CDL15_Pgr004806	0	0.29	0.04
CDL15_Pgr004810	0	26085	0
CDL15_Pgr004814	15707	31048	16438
CDL15_Pgr004832	22098	17868	27881
CDL15_Pgr004866	0	0.23	0
CDL15_Pgr004873	0.80	44318	0.94
CDL15_Pgr004875	0	0.11	0
CDL15_Pgr004884	0	0.75	0
CDL15_Pgr004886	0	17533	0
CDL15_Pgr004907	357.16	419.70	355.17
CDL15_Pgr004908	0.18	44348	0
CDL15_Pgr004909	0	0.75	0
CDL15_Pgr004933	44206	14.55	32752
CDL15_Pgr004969	18507	24047	22494
CDL15_Pgr004971	115.69	141.10	119.43
CDL15_Pgr004973	13912	44289	44229
CDL15_Pgr004977	0	0.10	0
CDL15_Pgr004984	43891	88.02	0.66
CDL15_Pgr004985	0	28491	0
CDL15_Pgr005011	183.90	281.70	166.45
CDL15_Pgr005014	44353	33390	44233
CDL15_Pgr005081	0	0.55	0
CDL15_Pgr005095	0	0.22	0
CDL15_Pgr005104	84.48	98.44	79.78
CDL15_Pgr005122	0	0.22	0

CDL15_Pgr005139	0	0.19	0
CDL15_Pgr005176	0	0.21	0
CDL15_Pgr005195	0	0.29	0
CDL15_Pgr005225	0	44197	0
CDL15_Pgr005226	0	0.15	0
CDL15_Pgr005236	42767	44258	24838
CDL15_Pgr005246	21245	13271	21610
CDL15_Pgr005248	0.09	0.31	0.06
CDL15_Pgr005274	0	0.21	0
CDL15_Pgr005276	0	0.60	0
CDL15_Pgr005292	0	0.11	0
CDL15_Pgr005293	23.47	25.69	23.75
CDL15_Pgr005316	0	0.24	0
CDL15_Pgr005326	18.96	21.20	17.67
CDL15_Pgr005346	204.50	237.64	189.61
CDL15_Pgr005352	21520	16.19	14215
CDL15_Pgr005357	0	0.18	0
CDL15_Pgr005361	0	0.11	0
CDL15_Pgr005379	0	0.45	0
CDL15_Pgr005403	84.09	102.08	86.97
CDL15_Pgr005429	0.17	0.68	0.20
CDL15_Pgr005434	0.08	0.31	0
CDL15_Pgr005456	47209	27912	45748
CDL15_Pgr005464	0	0.28	0
CDL15_Pgr005491	14427	31959	46204
CDL15_Pgr005511	0	0.86	0
CDL15_Pgr005513	19176	16.28	34182
CDL15_Pgr005529	0.58	44378	0.34
CDL15_Pgr005539	0	0.50	0
CDL15_Pgr005546	0	0.12	0
CDL15_Pgr005559	99.39	153.13	102.33
CDL15_Pgr005564	44501	20852	0.75
CDL15_Pgr005567	24.82	31.11	24.61
CDL15_Pgr005583	15.25	23.00	15.46
CDL15_Pgr005586	0	0.44	0

CDL15_Pgr005608	0	44348	0.22
CDL15_Pgr005612	59.65	69.66	56.95
CDL15_Pgr005614	0	0.38	0
CDL15_Pgr005634	0.14	0.38	0.19
CDL15_Pgr005654	41883	13789	15919
CDL15_Pgr005675	87.76	118.89	84.49
CDL15_Pgr005713	0.16	33604	0.49
CDL15_Pgr005714	44228	15067	0.80
CDL15_Pgr005720	0.48	25873	0
CDL15_Pgr005745	71.17	124.29	80.38
CDL15_Pgr005763	0.51	0.98	0.35
CDL15_Pgr005770	22.61	36.94	18.49
CDL15_Pgr005794	35.53	43.28	31.96
CDL15_Pgr005811	68.59	107.56	56.15
CDL15_Pgr005823	28.58	33.18	26.98
CDL15_Pgr005840	32234	44506	28581
CDL15_Pgr005847	0	0.14	0
CDL15_Pgr005866	22.25	30.56	23.79
CDL15_Pgr005917	140.01	178.81	125.00
CDL15_Pgr005922	19238	13.50	29434
CDL15_Pgr005923	29587	46054	30317
CDL15_Pgr005928	0	14246	0
CDL15_Pgr005947	0.26	0.89	0.38
CDL15_Pgr005957	0	0.17	0
CDL15_Pgr005960	48.39	92.71	21.66
CDL15_Pgr005973	0	0.25	0
CDL15_Pgr005991	0	0.16	0
CDL15_Pgr006000	135.26	224.29	153.78
CDL15_Pgr006001	44266	19.96	15128
CDL15_Pgr006040	0	0.13	0
CDL15_Pgr006041	105.24	117.61	100.29
CDL15_Pgr006045	51.04	106.16	38.78
CDL15_Pgr006051	62.22	87.85	45.74
CDL15_Pgr006057	0	0.37	0
CDL15_Pgr006059	132.58	389.33	152.13

CDL15_Pgr006061	0	27030	0
CDL15_Pgr006074	0	0.15	0
CDL15_Pgr006082	40.76	53.39	41.13
CDL15_Pgr006112	0.59	42036	0.40
CDL15_Pgr006115	0	47119	0
CDL15_Pgr006142	0	0.10	0
CDL15_Pgr006155	0	0.10	0
CDL15_Pgr006174	24108	11720	14611
CDL15_Pgr006198	0	0.60	0
CDL15_Pgr006236	537.59	614.07	498.25
CDL15_Pgr006267	1414.81	2475.93	1371.69
CDL15_Pgr006302	16469	14732	17564
CDL15_Pgr006336	21.45	26.90	18.96
CDL15_Pgr006338	0	0.80	0
CDL15_Pgr006362	57.10	89.23	41.55
CDL15_Pgr006402	0	0.79	0
CDL15_Pgr006408	0	0.21	0
CDL15_Pgr006411	0	0.29	0
CDL15_Pgr006482	23012	44259	0.56
CDL15_Pgr006488	41275	44505	42736
CDL15_Pgr006513	15.13	17.87	13.92
CDL15_Pgr006522	37.23	53.62	32.79
CDL15_Pgr006528	0.09	0.31	0.09
CDL15_Pgr006563	0	0.52	0
CDL15_Pgr006564	79.80	98.96	74.73
CDL15_Pgr006594	0	44501	0
CDL15_Pgr006611	0	0.79	0
CDL15_Pgr006615	15.83	16.86	15.29
CDL15_Pgr006621	0.35	25600	0
CDL15_Pgr006636	42522	11505	28611
CDL15_Pgr006638	18.62	47.71	26573
CDL15_Pgr006683	1227.22	2569.71	917.42
CDL15_Pgr006715	32690	23285	43313
CDL15_Pgr006721	15.84	23.97	15.72
CDL15_Pgr006725	0	0.12	0

CDL15_Pgr006728	0	0.49	0
CDL15_Pgr006738	17319	44205	20576
CDL15_Pgr006766	15.62	21.98	15.94
CDL15_Pgr006768	50.26	65.63	50.67
CDL15_Pgr006803	0	0.34	0
CDL15_Pgr006834	0	0.11	0
CDL15_Pgr006835	13.37	44.04	15.45
CDL15_Pgr006852	30590	27364	21794
CDL15_Pgr006883	65.34	81.52	64.62
CDL15_Pgr006911	15067	27851	13971
CDL15_Pgr006914	26.55	28.93	25.75
CDL15_Pgr006928	486.42	598.75	487.27
CDL15_Pgr006958	126.89	190.76	118.53
CDL15_Pgr006967	0	0.23	0
CDL15_Pgr006970	0	0.11	0
CDL15_Pgr007004	0.95	16438	0.68
CDL15_Pgr007010	12785	44288	17899
CDL15_Pgr007012	38.19	44.19	36.70
CDL15_Pgr007018	0.38	0.69	0.40
CDL15_Pgr007023	290.35	436.59	318.34
CDL15_Pgr007024	86.39	106.69	89.12
CDL15_Pgr007031	31.28	48.30	34.32
CDL15_Pgr007034	0	0.87	0
CDL15_Pgr007062	0.34	18688	0.87
CDL15_Pgr007078	19.93	48.19	23.53
CDL15_Pgr007108	0	0.72	0
CDL15_Pgr007117	32690	26512	17715
CDL15_Pgr007125	34.33	65.65	22.41
CDL15_Pgr007142	0.70	12055	0.72
CDL15_Pgr007211	0	0.09	0
CDL15_Pgr007216	0.49	22007	0.51
CDL15_Pgr007224	15.75	22.31	31717
CDL15_Pgr007240	0.71	44197	0.52
CDL15_Pgr007263	0	0.33	0
CDL15_Pgr007276	0.15	0.30	0.18

CDL15_Pgr007282	0	0.28	0
CDL15_Pgr007300	13.65	23.60	46296
CDL15_Pgr007324	45413	16041	21916
CDL15_Pgr007334	0	0.49	0
CDL15_Pgr007335	0	0.25	0
CDL15_Pgr007341	0	0.46	0
CDL15_Pgr007342	0.50	0.94	0.52
CDL15_Pgr007371	0	0.22	0
CDL15_Pgr007379	90.92	107.89	86.09
CDL15_Pgr007392	0	0.09	0
CDL15_Pgr007422	0.11	0.61	0.04
CDL15_Pgr007423	0.14	0.28	0.14
CDL15_Pgr007444	40.87	57.75	43.61
CDL15_Pgr007478	0.96	44317	0.91
CDL15_Pgr007494	0	0.19	0
CDL15_Pgr007502	0.70	45658	0.45
CDL15_Pgr007506	0.15	0.46	0.05
CDL15_Pgr007527	13.48	18.77	28795
CDL15_Pgr007528	0	0.55	0
CDL15_Pgr007568	0.53	0.81	0.51
CDL15_Pgr007587	0	0.46	0.08
CDL15_Pgr007590	0	0.10	0
CDL15_Pgr007598	0	0.11	0
CDL15_Pgr007599	108.98	124.34	104.94
CDL15_Pgr007623	39.80	70.05	46.20
CDL15_Pgr007632	76.28	102.95	59.82
CDL15_Pgr007639	0	0.13	0
CDL15_Pgr007647	0	46388	0
CDL15_Pgr007648	0	22647	0
CDL15_Pgr007650	0	0.23	0
CDL15_Pgr007654	42948	21.35	29312
CDL15_Pgr007674	0	0.41	0
CDL15_Pgr007675	0	0.76	0
CDL15_Pgr007679	18.57	61.21	44280
CDL15_Pgr007683	0	0.20	0

CDL15_Pgr007685	15707	19025	12055
CDL15_Pgr007696	0	0.11	0
CDL15_Pgr007703	0	0.23	0
CDL15_Pgr007718	30.02	36.70	28.99
CDL15_Pgr007738	0	13516	0
CDL15_Pgr007739	0	0.16	0
CDL15_Pgr007749	30.57	40.59	24.86
CDL15_Pgr007760	0	0.62	0
CDL15_Pgr007792	17.50	27.53	18.25
CDL15_Pgr007797	0.11	0.21	0.05
CDL15_Pgr007804	33.60	41.94	35.27
CDL15_Pgr007808	0	0.25	0
CDL15_Pgr007838	154.70	214.02	132.91
CDL15_Pgr007842	0	0.82	0
CDL15_Pgr007845	0	0.11	0
CDL15_Pgr007885	44281	33.59	26.60
CDL15_Pgr007899	0.12	0.36	0
CDL15_Pgr007900	44290	44327	27851
CDL15_Pgr007925	24563	23529	14702
CDL15_Pgr007931	0	0.26	0
CDL15_Pgr007955	20.29	36.31	23.49
CDL15_Pgr007959	0	0.19	0
CDL15_Pgr007975	0	0.33	0
CDL15_Pgr007989	0	0.37	0
CDL15_Pgr008024	0	0.38	0
CDL15_Pgr008043	41791	20302	16224
CDL15_Pgr008045	12966	35247	44537
CDL15_Pgr008047	0	0.12	0
CDL15_Pgr008152	0	0.12	0
CDL15_Pgr008185	31778	31079	19725
CDL15_Pgr008187	15766	21306	29983
CDL15_Pgr008218	0	0.30	0
CDL15_Pgr008255	86.30	124.69	94.07
CDL15_Pgr008294	45658	36161	44378
CDL15_Pgr008359	0	0.43	0

CDL15_Pgr008368	0	0.09	0
CDL15_Pgr008379	0.13	0.64	0.07
CDL15_Pgr008384	236.29	371.19	238.13
CDL15_Pgr008388	0	0.30	0
CDL15_Pgr008392	44417	14.51	30926
CDL15_Pgr008424	0	27089	0
CDL15_Pgr008428	0	0.09	0
CDL15_Pgr008436	44440	44260	0.38
CDL15_Pgr008450	0	0.43	0
CDL15_Pgr008470	21186	18080	0
CDL15_Pgr008473	85.62	123.11	63.58
CDL15_Pgr008481	0	0.16	0
CDL15_Pgr008522	31.98	40.93	33.95
CDL15_Pgr008550	0	32203	0
CDL15_Pgr008558	0	0.33	0
CDL15_Pgr008603	0.77	24532	0.80
CDL15_Pgr008613	13.73	22.66	15.26
CDL15_Pgr008621	0	0.15	0
CDL15_Pgr008707	0	0.59	0
CDL15_Pgr008713	0	0.11	0
CDL15_Pgr008795	0	0.97	0
CDL15_Pgr008861	0.99	19725	44256
CDL15_Pgr008862	0	0.11	0
CDL15_Pgr008868	15888	11963	11475
CDL15_Pgr008877	13241	14793	24198
CDL15_Pgr008886	25965	41730	22313
CDL15_Pgr008887	118.25	146.18	120.38
CDL15_Pgr008899	0	0.73	0
CDL15_Pgr008901	0	0.93	0
CDL15_Pgr008921	12145	44235	31138
CDL15_Pgr008927	26177	34639	35309
CDL15_Pgr008933	22951	13.47	19664
CDL15_Pgr008978	0	0.45	0
CDL15_Pgr008979	0	0.12	0
CDL15_Pgr008985	19.30	44494	17.71

CDL15_Pgr008995	0	0.84	0
CDL15_Pgr009009	0.11	0.52	0.18
CDL15_Pgr009028	13.23	14.21	44299
CDL15_Pgr009046	27030	15067	44198
CDL15_Pgr009060	32721	44356	31625
CDL15_Pgr009071	0	0.15	0
CDL15_Pgr009083	29.14	34.71	30.22
CDL15_Pgr009084	170.21	341.50	77.75
CDL15_Pgr009105	0	0.87	0
CDL15_Pgr009136	0	0.14	0
CDL15_Pgr009190	0	45047	0
CDL15_Pgr009216	41760	15.27	0.96
CDL15_Pgr009223	0	0.32	0
CDL15_Pgr009231	0	0.31	0
CDL15_Pgr009296	0	0.20	0
CDL15_Pgr009303	44265	13.41	13058
CDL15_Pgr009321	0	0.09	0
CDL15_Pgr009322	66.08	100.82	51.60
CDL15_Pgr009368	0	0.85	0
CDL15_Pgr009374	0	0.32	0.06
CDL15_Pgr009408	0	0.68	0
CDL15_Pgr009416	0	0.21	0
CDL15_Pgr009421	0	0.46	0
CDL15_Pgr009430	0.59	42736	0.46
CDL15_Pgr009434	0	0.11	0
CDL15_Pgr009440	0	0.09	0
CDL15_Pgr009453	46.86	53.64	43.73
CDL15_Pgr009485	30529	26604	33420
CDL15_Pgr009525	44385	44359	31990
CDL15_Pgr009532	204.23	243.86	206.57
CDL15_Pgr009535	0.12	0.23	0.06
CDL15_Pgr009544	17380	15.77	15554
CDL15_Pgr009546	0	0.10	0
CDL15_Pgr009575	2300.47	3503.17	1871.79
CDL15_Pgr009584	0	0.35	0

CDL15_Pgr009591	135.91	185.51	122.93
CDL15_Pgr009601	0	0.11	0
CDL15_Pgr009607	0	0.10	0
CDL15_Pgr009621	0.66	44502	0.43
CDL15_Pgr009656	65.53	97.59	58.79
CDL15_Pgr009659	0	0.36	0
CDL15_Pgr009689	0	0.75	0
CDL15_Pgr009746	0	0.11	0
CDL15_Pgr009786	0	0.33	0
CDL15_Pgr009787	0	0.12	0
CDL15_Pgr009789	0	0.10	0
CDL15_Pgr009808	0.43	23012	0.67
CDL15_Pgr009816	0	0.88	0
CDL15_Pgr009833	16316	44297	13728
CDL15_Pgr009835	0.13	0.32	0.05
CDL15_Pgr009851	361.51	417.79	334.79
CDL15_Pgr009874	0	0.16	0
CDL15_Pgr009881	16.22	24.34	17.57
CDL15_Pgr009886	45.18	48.76	44.71
CDL15_Pgr009901	0	0.13	0
CDL15_Pgr009907	14489	21520	43709
CDL15_Pgr009944	284.19	502.95	290.04
CDL15_Pgr009950	12086	44443	41306
CDL15_Pgr009964	0.75	14062	17533
CDL15_Pgr009985	0	0.62	0
CDL15_Pgr010002	0	0.27	0
CDL15_Pgr010038	194.14	257.67	183.17
CDL15_Pgr010039	36.46	54.55	30.65
CDL15_Pgr010047	0.04	0.27	0.06
CDL15_Pgr010054	46.93	63.53	49.81
CDL15_Pgr010071	44317	25812	25600
CDL15_Pgr010075	88.62	149.12	78.37
CDL15_Pgr010109	17.61	19.61	44213
CDL15_Pgr010125	0	0.22	0
CDL15_Pgr010156	0	0.33	0

CDL15_Pgr010167	0	0.23	0
CDL15_Pgr010202	0.30	44562	0.08
CDL15_Pgr010213	0.30	0.46	0.22
CDL15_Pgr010236	0	21276	0
CDL15_Pgr010246	0	43831	0
CDL15_Pgr010262	0	0.36	0
CDL15_Pgr010280	18.40	24.75	18.80
CDL15_Pgr010292	113.58	134.95	113.00
CDL15_Pgr010302	0.08	0.47	0
CDL15_Pgr010305	0.36	46023	0.54
CDL15_Pgr010330	0	23863	0
CDL15_Pgr010334	438.25	597.87	415.49
CDL15_Pgr010363	0.17	0.39	0.05
CDL15_Pgr010375	20121	24504	18660
CDL15_Pgr010381	0	13271	0
CDL15_Pgr010387	44540	44421	25842
CDL15_Pgr010393	0	0.15	0
CDL15_Pgr010416	0	0.36	0
CDL15_Pgr010417	0.84	42370	0.65
CDL15_Pgr010424	0	0.29	0
CDL15_Pgr010425	44421	15.92	44501
CDL15_Pgr010472	0.25	0.50	0.26
CDL15_Pgr010507	0	0.15	0
CDL15_Pgr010553	0.69	44206	44958
CDL15_Pgr010556	0	0.73	0
CDL15_Pgr010558	140.71	242.14	134.76
CDL15_Pgr010576	0	0.10	0
CDL15_Pgr010599	41.67	54.47	40.40
CDL15_Pgr010603	149.77	217.46	157.43
CDL15_Pgr010615	44317	31199	34060
CDL15_Pgr010619	0.08	0.76	0.17
CDL15_Pgr010656	0	44197	0.12
CDL15_Pgr010683	2997.30	3949.98	2419.97
CDL15_Pgr010685	0	0.38	0
CDL15_Pgr010694	0	0.63	0

CDL15_Pgr010699	16.20	21.14	15.16
CDL15_Pgr010730	0.97	24504	0.38
CDL15_Pgr010733	0	0.54	0
CDL15_Pgr010740	44287	35796	44470
CDL15_Pgr010829	25143	27364	19299
CDL15_Pgr010837	0	0.11	0
CDL15_Pgr010840	6.00	32295	42522
CDL15_Pgr010856	0	47119	0
CDL15_Pgr010866	0	0.36	0
CDL15_Pgr010873	23.14	26.89	23.54
CDL15_Pgr010900	61.01	69.23	60.20
CDL15_Pgr010941	0	0.38	0
CDL15_Pgr010997	17899	27791	0.65
CDL15_Pgr011027	0	0.24	0
CDL15_Pgr011076	42.02	48.23	39.44
CDL15_Pgr011144	0	12785	0
CDL15_Pgr011157	0	0.56	0
CDL15_Pgr011165	0.14	1.00	0.15
CDL15_Pgr011178	22767	44292	21671
CDL15_Pgr011199	88.24	143.15	87.52
CDL15_Pgr011229	15067	25294	16163
CDL15_Pgr011247	0	0.15	0
CDL15_Pgr011261	236.66	270.62	239.98
CDL15_Pgr011335	0.18	44287	0.32
CDL15_Pgr011338	30.27	40.21	23.75
CDL15_Pgr011376	76.00	83.61	73.59
CDL15_Pgr011378	44480	24442	14154
CDL15_Pgr011404	0	0.54	0
CDL15_Pgr011414	0.18	0.36	0.19
CDL15_Pgr011431	23590	18.23	35977
CDL15_Pgr011433	45108	24685	41456
CDL15_Pgr011454	0.08	0.36	0.09
CDL15_Pgr011457	0	0.53	0
CDL15_Pgr011458	30.69	56.75	24.27
CDL15_Pgr011480	0	0.88	0

CDL15_Pgr011489	0	0.09	0
CDL15_Pgr011514	0	0.09	0
CDL15_Pgr011535	0	0.17	0
CDL15_Pgr011547	17.55	21.45	17.32
CDL15_Pgr011585	0	0.10	0
CDL15_Pgr011604	22129	30590	25020
CDL15_Pgr011621	19.19	33.29	20.84
CDL15_Pgr011626	0	0.19	0
CDL15_Pgr011667	0	0.13	0
CDL15_Pgr011669	0	0.19	0
CDL15_Pgr011714	0	0.61	0
CDL15_Pgr011736	156.46	188.45	156.83
CDL15_Pgr011762	66.41	95.10	67.39
CDL15_Pgr011777	0	0.57	0
CDL15_Pgr011788	27089	44453	42736
CDL15_Pgr011790	31017	64.65	16.76
CDL15_Pgr011793	31.39	45.14	30.91
CDL15_Pgr011860	21.29	26.20	20.44
CDL15_Pgr011861	16.27	23.75	44485
CDL15_Pgr011865	0.10	0.36	0.05
CDL15_Pgr011866	838.95	1863.67	869.12
CDL15_Pgr011881	0	0.13	0
CDL15_Pgr011915	0	0.13	0
CDL15_Pgr011916	0.19	0.50	0
CDL15_Pgr011926	453.89	499.17	445.33
CDL15_Pgr011930	688.34	713.70	692.66
CDL15_Pgr011947	1.00	32874	0.92
CDL15_Pgr011950	0	0.57	0
CDL15_Pgr011962	15342	45352	0.73
CDL15_Pgr011968	0	0.32	0
CDL15_Pgr011978	84.13	89.29	82.02
CDL15_Pgr011989	7.00	27973	41791
CDL15_Pgr012021	35796	35827	25204
CDL15_Pgr012038	0	0.21	0
CDL15_Pgr012087	362.45	442.85	326.42

CDL15_Pgr012092	102.54	126.57	97.41
CDL15_Pgr012104	64.38	76.75	58.86
CDL15_Pgr012106	0	0.19	0
CDL15_Pgr012132	44379	21976	32874
CDL15_Pgr012148	699.29	1091.19	714.10
CDL15_Pgr012165	14977	33239	44562
CDL15_Pgr012172	29495	14.62	33512
CDL15_Pgr012175	44203	44394	44044
CDL15_Pgr012200	0.07	0.27	0.03
CDL15_Pgr012220	44201	42522	16163
CDL15_Pgr012237	74.04	79.18	73.28
CDL15_Pgr012241	32174	33298	18660
CDL15_Pgr012252	0	0.21	0
CDL15_Pgr012323	0	0.12	0
CDL15_Pgr012329	0	0.19	0
CDL15_Pgr012411	46.88	53.11	46.67
CDL15_Pgr012416	17.56	21.13	17.16
CDL15_Pgr012447	0	0.36	0
CDL15_Pgr012462	0	0.33	0
CDL15_Pgr012464	0	0.13	0
CDL15_Pgr012467	0	0.12	0
CDL15_Pgr012498	0	0.10	0
CDL15_Pgr012533	0	0.30	0
CDL15_Pgr012554	857.45	1271.62	905.60
CDL15_Pgr012564	0	0.09	0
CDL15_Pgr012569	40.19	57.72	38.55
CDL15_Pgr012607	0	0.35	0.05
CDL15_Pgr012621	12663	44480	14855
CDL15_Pgr012634	21947	24532	35796
CDL15_Pgr012693	45078	44323	42887
CDL15_Pgr012697	0.07	0.22	0.04
CDL15_Pgr012707	0.11	0.33	0.11
CDL15_Pgr012722	44500	66.97	23.93
CDL15_Pgr012732	0.93	14246	0.80
CDL15_Pgr012736	15766	22767	31444

CDL15_Pgr012744	28.97	34.90	44374
CDL15_Pgr012749	0	0.17	0
CDL15_Pgr012773	0	0.11	0
CDL15_Pgr012827	0.81	44562	0.72
CDL15_Pgr012859	146.87	194.16	144.39
CDL15_Pgr012889	18.41	23.88	19.48
CDL15_Pgr012912	0	0.24	0
CDL15_Pgr012927	0	0.29	0
CDL15_Pgr012953	0	0.24	0
CDL15_Pgr012999	0	0.23	0
CDL15_Pgr013010	0.05	0.19	0
CDL15_Pgr013066	0	0.49	0
CDL15_Pgr013072	0	0.32	0
CDL15_Pgr013079	0	0.23	0
CDL15_Pgr013094	24198	44409	15432
CDL15_Pgr013135	0	0.14	0
CDL15_Pgr013150	24898	44412	25993
CDL15_Pgr013155	514.66	687.16	412.69
CDL15_Pgr013164	43831	44414	44593
CDL15_Pgr013173	0	27760	0
CDL15_Pgr013189	0	0.19	0
CDL15_Pgr013191	0.49	0.59	0.44
CDL15_Pgr013195	0	0.57	0
CDL15_Pgr013200	382.20	545.94	341.27
CDL15_Pgr013210	21.22	28.92	22.61
CDL15_Pgr013297	0	44228	0.15
CDL15_Pgr013305	0	0.62	0
CDL15_Pgr013312	0	0.62	0
CDL15_Pgr013336	0	17533	0
CDL15_Pgr013337	26.78	33.25	24.19
CDL15_Pgr013342	0.96	17899	0.77
CDL15_Pgr013360	0	0.21	0
CDL15_Pgr013361	40.46	58.54	44.36
CDL15_Pgr013364	0	0.10	0
CDL15_Pgr013369	0.07	0.38	0

CDL15_Pgr013381	0	0.43	0
CDL15_Pgr013408	0.26	0.39	0.22
CDL15_Pgr013424	16.73	18.72	44517
CDL15_Pgr013430	20.17	20.79	19.81
CDL15_Pgr013440	0.21	0.62	0.21
CDL15_Pgr013443	0.96	44197	0.99
CDL15_Pgr013448	0.07	0.19	0.02
CDL15_Pgr013455	0	0.22	0
CDL15_Pgr013467	0	25628	0.66
CDL15_Pgr013487	81.26	103.82	82.83
CDL15_Pgr013494	36.75	277.99	42.25
CDL15_Pgr013503	0.15	0.45	0.16
CDL15_Pgr013573	0.12	0.45	0.13
CDL15_Pgr013598	21.67	56.90	24.54
CDL15_Pgr013606	44501	27760	0.93
CDL15_Pgr013613	58.78	85.80	64.20
CDL15_Pgr013615	0.75	20941	19725
CDL15_Pgr013638	17.40	21.19	15.26
CDL15_Pgr013644	0	0.21	0
CDL15_Pgr013645	20852	26420	23408
CDL15_Pgr013654	0	0.24	0
CDL15_Pgr013668	0	0.14	0
CDL15_Pgr013698	31.90	55.05	29.42
CDL15_Pgr013705	0	0.17	0
CDL15_Pgr013712	0	0.11	0
CDL15_Pgr013729	17.97	20.47	18.37
CDL15_Pgr013741	17624	42583	46874
CDL15_Pgr013745	13302	23.40	33817
CDL15_Pgr013766	0.18	0.37	0.20
CDL15_Pgr013775	33.22	44.35	29.95
CDL15_Pgr013798	0	0.10	0
CDL15_Pgr013799	0	0.12	0
CDL15_Pgr013811	0	0.40	0
CDL15_Pgr013817	16132	13667	44441
CDL15_Pgr013835	0	0.20	0

CDL15_Pgr013865	0.39	0.95	0.11
CDL15_Pgr013882	0	0.29	0
CDL15_Pgr013932	0	0.11	0
CDL15_Pgr013944	0.13	0.44	0
CDL15_Pgr013950	16.61	17.70	16.74
CDL15_Pgr013962	0	0.20	0
CDL15_Pgr013989	24.24	34.58	25.75
CDL15_Pgr013990	0	0.18	0
CDL15_Pgr013991	46.91	166.28	39.80
CDL15_Pgr013996	0	0.12	0
CDL15_Pgr014015	94.43	135.83	76.37
CDL15_Pgr014037	0	0.22	0
CDL15_Pgr014045	0	0.12	0
CDL15_Pgr014089	0	0.15	0
CDL15_Pgr014092	0	0.15	0
CDL15_Pgr014215	0	0.09	0
CDL15_Pgr014232	46.23	459.99	30.14
CDL15_Pgr014233	20486	15797	23408
CDL15_Pgr014268	20.30	25.31	44215
CDL15_Pgr014301	0	30926	0.66
CDL15_Pgr014316	0	0.12	0
CDL15_Pgr014324	98.42	145.60	107.78
CDL15_Pgr014339	34547	13.35	30133
CDL15_Pgr014346	64.86	73.24	61.05
CDL15_Pgr014347	21885	44483	35004
CDL15_Pgr014377	48.43	66.50	46.52
CDL15_Pgr014444	0	24108	0
CDL15_Pgr014475	0	0.96	0
CDL15_Pgr014486	0	0.09	0
CDL15_Pgr014500	0	0.21	0
CDL15_Pgr014512	134.36	245.85	138.22
CDL15_Pgr014539	111.27	143.67	107.27
CDL15_Pgr014557	0	0.14	0
CDL15_Pgr014564	13.59	19.34	13.97
CDL15_Pgr014567	10990	28915	12785

CDL15_Pgr014570	0	0.09	0
CDL15_Pgr014573	115.06	131.92	108.76
CDL15_Pgr014595	41609	44269	44481
CDL15_Pgr014643	0	0.17	0
CDL15_Pgr014656	62.83	72.23	63.57
CDL15_Pgr014664	0	0.47	0
CDL15_Pgr014667	236.98	351.97	229.49
CDL15_Pgr014674	44212	25.97	14.28
CDL15_Pgr014675	100.11	129.71	90.66
CDL15_Pgr014681	24351	44501	26177
CDL15_Pgr014697	0	0.27	0
CDL15_Pgr014701	85.29	115.11	76.51
CDL15_Pgr014702	0.32	0.91	0
CDL15_Pgr014713	0	0.09	0
CDL15_Pgr014716	39.71	62.78	30.73
CDL15_Pgr014729	0	0.21	0
CDL15_Pgr014756	0	0.10	0
CDL15_Pgr014771	13119	15.25	19694
CDL15_Pgr014797	17533	41306	22647
CDL15_Pgr014821	0	0.25	0
CDL15_Pgr014827	44441	43862	44229
CDL15_Pgr014836	27395	44386	3.00
CDL15_Pgr014848	0	0.12	0
CDL15_Pgr014856	0	0.12	0
CDL15_Pgr014875	33.09	198.97	33.05
CDL15_Pgr014884	0	31413	0.16
CDL15_Pgr014888	0	11841	0.73
CDL15_Pgr014896	29.90	33.28	29.59
CDL15_Pgr014900	50.72	63.27	43.23
CDL15_Pgr014913	0.39	0.89	0.40
CDL15_Pgr014931	0	0.13	0
CDL15_Pgr014963	0.13	0.88	0
CDL15_Pgr014966	0	0.37	0
CDL15_Pgr014975	0	33604	0
CDL15_Pgr015012	100.53	141.25	109.21

CDL15_Pgr015013	0	16438	0
CDL15_Pgr015019	15.85	21.15	13.88
CDL15_Pgr015027	0	0.16	0
CDL15_Pgr015091	44516	18.86	15.60
CDL15_Pgr015102	0	0.23	0
CDL15_Pgr015129	13.58	44.70	15.62
CDL15_Pgr015143	32174	24167	35827
CDL15_Pgr015161	0.21	0.61	0
CDL15_Pgr015180	0	0.37	0
CDL15_Pgr015206	30.36	46.97	33.74
CDL15_Pgr015214	0	24838	0
CDL15_Pgr015215	72.33	84.51	74.42
CDL15_Pgr015220	0	0.13	0
CDL15_Pgr015222	26451	32325	16954
CDL15_Pgr015226	44501	41671	0.65
CDL15_Pgr015253	11324	46054	12785
CDL15_Pgr015316	32295	33208	41456
CDL15_Pgr015331	19.92	24.91	20.85
CDL15_Pgr015382	18.77	59.66	19.32
CDL15_Pgr015399	0	0.59	0
CDL15_Pgr015404	0	0.21	0
CDL15_Pgr015418	0.48	0.66	0.50
CDL15_Pgr015423	0	0.10	0
CDL15_Pgr015460	0	0.10	0
CDL15_Pgr015489	0.48	12785	0
CDL15_Pgr015493	43405	13.56	16711
CDL15_Pgr015537	0	44380	0.23
CDL15_Pgr015554	0.19	45413	0.97
CDL15_Pgr015561	0	10990	0.24
CDL15_Pgr015562	0	0.40	0
CDL15_Pgr015597	29099	11597	26543
CDL15_Pgr015612	0.22	0.83	0.06
CDL15_Pgr015637	0.12	0.39	0
CDL15_Pgr015676	82.59	98.40	72.39
CDL15_Pgr015723	15.71	21.28	14.89

CDL15_Pgr015727	0	0.42	0
CDL15_Pgr015745	0	0.10	0
CDL15_Pgr015776	24.92	52.24	21.21
CDL15_Pgr015784	214.12	237.84	201.24
CDL15_Pgr015793	44465	39.62	26.71
CDL15_Pgr015819	0.40	35065	0.21
CDL15_Pgr015829	0	0.32	0
CDL15_Pgr015841	26238	21520	11263
CDL15_Pgr015865	19419	16954	22678
CDL15_Pgr015884	0	0.09	0
CDL15_Pgr015888	0	0.62	0
CDL15_Pgr015890	0	13881	0
CDL15_Pgr015894	21.64	26.96	22.81
CDL15_Pgr015900	175.99	245.43	169.59
CDL15_Pgr015917	0	0.17	0
CDL15_Pgr015919	0	0.13	0
CDL15_Pgr015923	0	0.13	0
CDL15_Pgr015960	0	0.14	0
CDL15_Pgr015987	86.90	104.91	87.49
CDL15_Pgr016014	159.69	176.58	149.22
CDL15_Pgr016030	0.40	0.98	0
CDL15_Pgr016036	0.71	45292	0.80
CDL15_Pgr016044	31.81	33.07	31.80
CDL15_Pgr016052	0	0.14	0
CDL15_Pgr016055	0	0.09	0
CDL15_Pgr016070	0	0.20	0
CDL15_Pgr016074	0.22	0.66	0.21
CDL15_Pgr016082	44593	44451	0
CDL15_Pgr016099	0	0.10	0
CDL15_Pgr016101	0.60	14642	0.37
CDL15_Pgr016135	44336	22.00	19.65
CDL15_Pgr016151	34394	44445	21245
CDL15_Pgr016156	27.69	44315	27.67
CDL15_Pgr016157	14.15	55.37	16.28
CDL15_Pgr016165	48.39	57.54	49.50

CDL15_Pgr016171	79.73	97.35	74.24
CDL15_Pgr016175	13.77	34.31	14.81
CDL15_Pgr016178	11780	46143	25263
CDL15_Pgr016182	0	0.66	0
CDL15_Pgr016226	101.63	116.40	101.00
CDL15_Pgr016232	0	0.20	0
CDL15_Pgr016235	23071	14824	17899
CDL15_Pgr016264	0	44292	0
CDL15_Pgr016271	0	0.12	0
CDL15_Pgr016276	0	0.30	0
CDL15_Pgr016277	0	0.50	0
CDL15_Pgr016279	0.45	0.81	0.47
CDL15_Pgr016286	0	25965	0
CDL15_Pgr016310	44242	16.98	14.37
CDL15_Pgr016328	23986	36130	22859
CDL15_Pgr016338	0	33604	0
CDL15_Pgr016364	0	0.18	0
CDL15_Pgr016367	0	0.24	0
CDL15_Pgr016383	0	0.15	0
CDL15_Pgr016407	25355	17.58	44231
CDL15_Pgr016414	36342	17838	46600
CDL15_Pgr016437	69.71	87.11	73.26
CDL15_Pgr016465	26.65	31.48	25.36
CDL15_Pgr016565	0	0.21	0
CDL15_Pgr016596	0	0.33	0
CDL15_Pgr016619	20.33	24.18	18.83
CDL15_Pgr016637	141.96	272.66	144.81
CDL15_Pgr016663	0.18	0.86	0.09
CDL15_Pgr016670	0	0.11	0
CDL15_Pgr016714	0	0.24	0
CDL15_Pgr016751	16.90	24.48	14.76
CDL15_Pgr016788	0.55	35796	0.19
CDL15_Pgr016813	0	0.18	0
CDL15_Pgr016827	23.18	36.00	16.56
CDL15_Pgr016862	44518	20.89	17.54

CDL15_Pgr016869	0	0.10	0
CDL15_Pgr016883	21.71	32.24	19.58
CDL15_Pgr016885	0	0.96	0
CDL15_Pgr016936	19.54	34.11	19.79
CDL15_Pgr016944	0	0.31	0
CDL15_Pgr017070	44378	34731	17168
CDL15_Pgr017084	0	12785	0
CDL15_Pgr017100	0.62	44562	0.43
CDL15_Pgr017103	0.14	0.38	0
CDL15_Pgr017142	117.02	130.93	112.80
CDL15_Pgr017185	44384	33451	23529
CDL15_Pgr017188	0.28	0.84	0.29
CDL15_Pgr017202	0	0.19	0
CDL15_Pgr017229	0	0.26	0
CDL15_Pgr017255	0	0.33	0
CDL15_Pgr017299	0	0.12	0
CDL15_Pgr017325	329.00	463.86	334.53
CDL15_Pgr017332	35796	31107	44288
CDL15_Pgr017334	0.70	32874	0.73
CDL15_Pgr017339	0	0.24	0
CDL15_Pgr017345	0	44256	0
CDL15_Pgr017358	31138	15.81	17958
CDL15_Pgr017374	35551	45839	12540
CDL15_Pgr017375	11232	13.16	26146
CDL15_Pgr017404	0	0.24	0
CDL15_Pgr017430	36.32	37.82	36.13
CDL15_Pgr017440	0	0.13	0
CDL15_Pgr017516	0	0.43	0
CDL15_Pgr017526	26.21	46.04	22.46
CDL15_Pgr017542	24959	14458	19085
CDL15_Pgr017554	0	0.30	0.06
CDL15_Pgr017575	0	0.40	0
CDL15_Pgr017583	29434	13.20	29434
CDL15_Pgr017591	0	0.99	0
CDL15_Pgr017653	26634	14.37	24807

CDL15_Pgr017676	0.38	0.60	0.36
CDL15_Pgr017696	0	0.16	0
CDL15_Pgr017718	49.45	80.30	55.08
CDL15_Pgr017721	111.92	214.34	132.10
CDL15_Pgr017734	0	0.60	0
CDL15_Pgr017738	31837	44475	44200
CDL15_Pgr017739	0	0.09	0
CDL15_Pgr017751	86.44	174.76	80.78
CDL15_Pgr017755	20.61	31.96	22.51
CDL15_Pgr017770	0	0.83	0
CDL15_Pgr017776	0	0.12	0
CDL15_Pgr017782	0	0.09	0
CDL15_Pgr017786	0	0.45	0
CDL15_Pgr017787	0	0.19	0
CDL15_Pgr017807	0.65	28126	0.26
CDL15_Pgr017827	0	0.12	0
CDL15_Pgr017828	0	0.14	0
CDL15_Pgr017860	16.49	21.62	14.78
CDL15_Pgr017874	24139	46082	27061
CDL15_Pgr017917	0	0.09	0
CDL15_Pgr017949	0.77	23377	0.70
CDL15_Pgr017965	40.29	51.84	35.38
CDL15_Pgr018067	0	0.12	0
CDL15_Pgr018096	17472	14.57	42644
CDL15_Pgr018103	0.54	44348	0.60
CDL15_Pgr018106	0	0.62	0
CDL15_Pgr018119	0	11689	0.23
CDL15_Pgr018197	0	0.13	0
CDL15_Pgr018201	0	0.14	0
CDL15_Pgr018208	16.62	32.24	23621
CDL15_Pgr018225	16.16	20.19	16.90
CDL15_Pgr018234	33970	11780	17168
CDL15_Pgr018253	0	0.13	0
CDL15_Pgr018260	473.98	2024.67	378.70
CDL15_Pgr018273	45139	36.20	45017

CDL15_Pgr018302	33.33	38.37	33.27
CDL15_Pgr018313	18902	20424	44449
CDL15_Pgr018330	0	0.14	0
CDL15_Pgr018333	34.17	52.30	37.05
CDL15_Pgr018355	25.95	33.73	26.58
CDL15_Pgr018404	0	0.31	0
CDL15_Pgr018409	0	0.52	0
CDL15_Pgr018415	0	0.10	0
CDL15_Pgr018423	26816	45566	16893
CDL15_Pgr018436	95.42	106.71	89.88
CDL15_Pgr018441	35827	24167	44230
CDL15_Pgr018447	0	0.57	0
CDL15_Pgr018454	0	0.35	0
CDL15_Pgr018489	57.11	66.85	55.98
CDL15_Pgr018510	0.49	10959	0.51
CDL15_Pgr018513	0	0.58	0
CDL15_Pgr018523	13.26	14.16	13.30
CDL15_Pgr018565	415.57	531.52	369.86
CDL15_Pgr018576	0	0.69	0
CDL15_Pgr018577	0	24108	0
CDL15_Pgr018579	98.14	133.17	95.68
CDL15_Pgr018590	16.43	44366	15.13
CDL15_Pgr018604	0	44927	0
CDL15_Pgr018623	18660	29646	45689
CDL15_Pgr018635	0	31503	0
CDL15_Pgr018636	0	43160	0.38
CDL15_Pgr018638	0.07	0.23	0.08
CDL15_Pgr018663	16.29	16.96	44393
CDL15_Pgr018684	0.23	0.57	0.18
CDL15_Pgr018698	30.63	38.55	32.11
CDL15_Pgr018700	0.04	0.43	0.04
CDL15_Pgr018703	0	0.50	0
CDL15_Pgr018722	111.80	170.40	80.69
CDL15_Pgr018726	44471	31898	44562
CDL15_Pgr018735	35886	27576	23437

CDL15_Pgr018740	24.39	41.97	17.97
CDL15_Pgr018741	0	46447	0
CDL15_Pgr018744	219.62	222.32	218.43
CDL15_Pgr018758	0	0.11	0
CDL15_Pgr018794	0	16438	0.25
CDL15_Pgr018801	0	46023	0
CDL15_Pgr018831	0	0.29	0
CDL15_Pgr018841	0	0.15	0
CDL15_Pgr018847	476.58	974.20	508.88
CDL15_Pgr018850	44386	14885	45536
CDL15_Pgr018870	0	0.24	0
CDL15_Pgr018877	0	0.46	0
CDL15_Pgr018900	22.81	31.43	24.19
CDL15_Pgr018923	16497	23132	31079
CDL15_Pgr018927	0	0.13	0
CDL15_Pgr018929	113.72	119.58	111.66
CDL15_Pgr018935	0	0.10	0
CDL15_Pgr018947	44352	33482	41306
CDL15_Pgr018977	11933	20363	20699
CDL15_Pgr018995	0	0.14	0
CDL15_Pgr019002	46.40	60.46	44.18
CDL15_Pgr019006	0.60	0.90	0.49
CDL15_Pgr019024	0.17	0.83	0
CDL15_Pgr019034	44200	43952	44287
CDL15_Pgr019040	44136	17502	17441
CDL15_Pgr019056	60.93	75.46	56.45
CDL15_Pgr019063	13.37	18.97	25538
CDL15_Pgr019081	0.61	44256	0.34
CDL15_Pgr019113	0	0.11	0
CDL15_Pgr019129	0.09	0.27	0
CDL15_Pgr019132	23682	28.21	23651
CDL15_Pgr019176	0	0.16	0
CDL15_Pgr019218	0.29	25204	0
CDL15_Pgr019239	0.43	44440	0.52
CDL15_Pgr019250	0	0.15	0

CDL15_Pgr019255	30682	42095	45689
CDL15_Pgr019275	0	17199	0
CDL15_Pgr019284	0.69	27760	0.77
CDL15_Pgr019305	25993	44200	22341
CDL15_Pgr019316	15373	25659	23012
CDL15_Pgr019347	0.11	0.90	0
CDL15_Pgr019351	48.85	53.13	46.33
CDL15_Pgr019358	42.18	95.72	51.97
CDL15_Pgr019364	0	0.60	0
CDL15_Pgr019377	23.45	44557	24.26
CDL15_Pgr019390	24047	14.50	14550
CDL15_Pgr019403	0	0.67	0
CDL15_Pgr019417	0	0.12	0
CDL15_Pgr019419	0	44256	0
CDL15_Pgr019448	0	0.32	0
CDL15_Pgr019451	0	0.45	0
CDL15_Pgr019457	0	0.30	0
CDL15_Pgr019472	39.74	90.92	31.82
CDL15_Pgr019524	45.83	139.31	55.94
CDL15_Pgr019526	14427	18963	32690
CDL15_Pgr019529	0	0.34	0
CDL15_Pgr019541	44450	14.24	44540
CDL15_Pgr019554	44257	35855	24838
CDL15_Pgr019557	0	0.10	0
CDL15_Pgr019564	23.33	40.85	25.39
CDL15_Pgr019570	0	0.48	0
CDL15_Pgr019579	14.32	18.42	44454
CDL15_Pgr019592	15.64	20.53	15.53
CDL15_Pgr019608	42461	6.00	11749
CDL15_Pgr019612	0.03	0.25	0.04
CDL15_Pgr019639	0	0.16	0
CDL15_Pgr019674	0.10	0.31	0
CDL15_Pgr019703	29.85	34.48	44255
CDL15_Pgr019713	43.60	50.81	40.59
CDL15_Pgr019740	0	0.36	0

CDL15_Pgr019765	0	0.18	0
CDL15_Pgr019792	14.77	39.80	15.87
CDL15_Pgr019800	0	0.10	0
CDL15_Pgr019809	53.97	67.95	47.02
CDL15_Pgr019822	44896	25.22	13850
CDL15_Pgr019830	29587	22678	30682
CDL15_Pgr019831	0	0.16	0
CDL15_Pgr019876	37.82	59.17	40.35
CDL15_Pgr019880	0.97	45292	1.00
CDL15_Pgr019883	34335	19756	28491
CDL15_Pgr019892	0	0.15	0
CDL15_Pgr019898	0.37	0.49	0.31
CDL15_Pgr019910	0	0.14	0
CDL15_Pgr019921	19.21	24.67	17.15
CDL15_Pgr019924	0	0.27	0
CDL15_Pgr019938	18354	21337	21976
CDL15_Pgr019943	46935	44409	44537
CDL15_Pgr019955	44927	24473	44562
CDL15_Pgr019967	16.78	23.80	17.58
CDL15_Pgr019971	0	0.09	0
CDL15_Pgr019986	413.08	470.79	384.59
CDL15_Pgr020035	18719	25720	12844
CDL15_Pgr020052	12571	34121	17319
CDL15_Pgr020054	59.41	80.97	53.25
CDL15_Pgr020086	42.76	48.24	39.38
CDL15_Pgr020093	0.69	44197	0.62
CDL15_Pgr020112	393.32	627.65	305.11
CDL15_Pgr020130	0	0.13	0
CDL15_Pgr020134	12785	17258	34700
CDL15_Pgr020139	34.05	35.70	34.39
CDL15_Pgr020148	0	0.09	0
CDL15_Pgr020173	0	0.21	0
CDL15_Pgr020197	737.80	751.97	735.87
CDL15_Pgr020229	41306	23.76	27426
CDL15_Pgr020246	0.14	0.29	0.15

CDL15_Pgr020310	0	42370	0
CDL15_Pgr020326	94.69	114.53	94.47
CDL15_Pgr020335	0	0.50	0
CDL15_Pgr020343	0.92	44441	0.41
CDL15_Pgr020346	0.07	0.15	0.03
CDL15_Pgr020356	1112.23	1273.42	1143.22
CDL15_Pgr020380	0.08	0.65	0.17
CDL15_Pgr020385	0	0.83	0
CDL15_Pgr020415	21.85	28.78	19.88
CDL15_Pgr020473	44409	12086	44927
CDL15_Pgr020503	22.47	62.36	23.18
CDL15_Pgr020507	37.65	54.52	36.06
CDL15_Pgr020510	0.53	0.74	0.44
CDL15_Pgr020527	15401	35551	27820
CDL15_Pgr020534	0	0.15	0
CDL15_Pgr020546	357.12	455.52	373.95
CDL15_Pgr020578	0	0.67	0
CDL15_Pgr020582	20241	21794	26451
CDL15_Pgr020586	82.18	119.78	84.24
CDL15_Pgr020604	0	0.22	0
CDL15_Pgr020673	0	12055	0
CDL15_Pgr020710	44551	44221	19.73
CDL15_Pgr020739	0	31413	0
CDL15_Pgr020740	0.58	0.76	0.60
CDL15_Pgr020742	18749	45536	17624
CDL15_Pgr020743	0	0.47	0
CDL15_Pgr020749	0	0.51	0
CDL15_Pgr020770	21002	44263	17715
CDL15_Pgr020784	0	0.13	0
CDL15_Pgr020786	60.04	69.92	55.72
CDL15_Pgr020806	0	0.80	0
CDL15_Pgr020828	0	0.09	0
CDL15_Pgr020863	21.24	29.96	18.84
CDL15_Pgr020906	36312	22616	27454
CDL15_Pgr020969	44228	44440	0.99

CDL15_Pgr020986	0	0.10	0
CDL15_Pgr021007	29.74	47.54	22.00
CDL15_Pgr021043	0	0.16	0
CDL15_Pgr021047	0	0.19	0
CDL15_Pgr021070	0	0.14	0
CDL15_Pgr021096	0	0.41	0
CDL15_Pgr021102	0	16803	0
CDL15_Pgr021118	0	14.27	0
CDL15_Pgr021119	57.52	70.37	55.56
CDL15_Pgr021148	0	44531	0
CDL15_Pgr021162	124.54	439.28	181.77
CDL15_Pgr021195	0.69	0.79	0.71
CDL15_Pgr021208	42370	46813	18629
CDL15_Pgr021210	44378	15827	30682
CDL15_Pgr021247	0	0.16	0
CDL15_Pgr021259	13.89	16.38	35400
CDL15_Pgr021286	0	0.32	0
CDL15_Pgr021287	0.89	25204	0.65
CDL15_Pgr021292	30.17	42.23	28.97
CDL15_Pgr021297	46023	43132	0.76
CDL15_Pgr021300	95.18	144.28	101.79
CDL15_Pgr021341	13485	44366	18537
CDL15_Pgr021353	44513	20.65	43040
CDL15_Pgr021376	28764	22616	45566
CDL15_Pgr021433	14.30	15.43	14.22
CDL15_Pgr021497	0	0.11	0
CDL15_Pgr021499	0	0.22	0
CDL15_Pgr021531	1092.57	1356.08	1055.81
CDL15_Pgr021537	0.10	32933	0
CDL15_Pgr021541	0	15766	0
CDL15_Pgr021544	0	0.19	0
CDL15_Pgr021549	32933	21671	28550
CDL15_Pgr021555	20.54	22.90	44458
CDL15_Pgr021557	0	0.75	0
CDL15_Pgr021582	0	0.79	0

CDL15_Pgr021601	0.88	44958	0.28
CDL15_Pgr021640	0	0.17	0
CDL15_Pgr021642	0	28491	0
CDL15_Pgr021649	12451	29646	32509
CDL15_Pgr021651	24.17	41.89	26.13
CDL15_Pgr021653	138.70	245.93	136.12
CDL15_Pgr021665	34.46	40.04	32.32
CDL15_Pgr021696	20455	44229	23377
CDL15_Pgr021738	0	0.11	0
CDL15_Pgr021744	1.00	13516	0.78
CDL15_Pgr021781	20180	47362	31868
CDL15_Pgr021785	0	0.10	0
CDL15_Pgr021800	0	0.31	0
CDL15_Pgr021864	0	0.60	0
CDL15_Pgr021882	0	0.10	0
CDL15_Pgr021899	0	0.46	0
CDL15_Pgr021912	0	0.10	0
CDL15_Pgr021975	36.36	49.15	33.51
CDL15_Pgr022016	195.68	238.77	173.88
CDL15_Pgr022054	17441	14916	24016
CDL15_Pgr022109	0	0.43	0
CDL15_Pgr022126	0	0.20	0
CDL15_Pgr022128	0	0.26	0
CDL15_Pgr022133	31444	12724	30011
CDL15_Pgr022137	0.94	29221	0.96
CDL15_Pgr022139	27395	29312	0
CDL15_Pgr022143	33.74	43.03	33.12
CDL15_Pgr022144	15.63	44396	15.85
CDL15_Pgr022171	0	0.27	0
CDL15_Pgr022172	0	0.69	0
CDL15_Pgr022179	0	0.25	0
CDL15_Pgr022197	0.38	0.53	0.30
CDL15_Pgr022223	0	0.31	0
CDL15_Pgr022229	13028	47088	24351
CDL15_Pgr022249	0	0.27	0

CDL15_Pgr022300	48.81	75.29	48.04
CDL15_Pgr022333	0	0.17	0
CDL15_Pgr022363	0	0.22	0
CDL15_Pgr022366	0	0.30	0
CDL15_Pgr022382	13575	44355	0.97
CDL15_Pgr022386	0	0.23	0
CDL15_Pgr022414	0	0.09	0
CDL15_Pgr022417	0.07	0.20	0
CDL15_Pgr022448	0	0.48	0
CDL15_Pgr022452	65.50	77.42	66.07
CDL15_Pgr022469	0	41640	0
CDL15_Pgr022470	44409	35796	0.73
CDL15_Pgr022484	0.07	0.20	0
CDL15_Pgr022486	73.45	92.33	73.76
CDL15_Pgr022505	17.90	48.54	22.83
CDL15_Pgr022506	0	0.24	0
CDL15_Pgr022509	0	0.34	0
CDL15_Pgr022510	0	0.16	0
CDL15_Pgr022512	0	0.39	0
CDL15_Pgr022532	0	0.14	0
CDL15_Pgr022533	0	0.45	0
CDL15_Pgr022555	70.90	89.97	66.58
CDL15_Pgr022557	45323	19784	35431
CDL15_Pgr022558	95.49	113.30	83.59
CDL15_Pgr022572	32082	14.88	19694
CDL15_Pgr022602	0.58	16438	0.60
CDL15_Pgr022607	0	0.12	0
CDL15_Pgr022609	0	0.32	0
CDL15_Pgr022622	0	0.19	0
CDL15_Pgr022632	0	0.90	0
CDL15_Pgr022655	0	0.80	0
CDL15_Pgr022661	0.07	0.29	0.08
CDL15_Pgr022684	220.24	327.31	219.06
CDL15_Pgr022686	96.06	170.58	99.28
CDL15_Pgr022690	83.06	106.22	81.94

CDL15_Pgr022701	7.00	44805	34851
CDL15_Pgr022706	46.52	85.92	27.45
CDL15_Pgr022733	0	0.45	0
CDL15_Pgr022735	0	0.28	0
CDL15_Pgr022748	28307	15676	11475
CDL15_Pgr022754	0	0.11	0
CDL15_Pgr022757	66.47	160.06	69.35
CDL15_Pgr022765	58.47	67.97	58.60
CDL15_Pgr022770	19.71	44.07	15646
CDL15_Pgr022787	0	0.27	0
CDL15_Pgr022808	15.86	29.90	16.36
CDL15_Pgr022830	0	0.09	0
CDL15_Pgr022838	0	0.10	0
CDL15_Pgr022845	18233	15.33	24047
CDL15_Pgr022850	0	0.13	0
CDL15_Pgr022911	0	0.47	0
CDL15_Pgr022914	18.35	21.74	17.32
CDL15_Pgr022926	0.10	0.33	0.13
CDL15_Pgr022932	0	0.26	0
CDL15_Pgr022937	365.92	454.22	348.02
CDL15_Pgr022939	44.26	49.79	43.94
CDL15_Pgr022943	0	44502	0
CDL15_Pgr022957	17199	16.20	26390
CDL15_Pgr022992	0	0.59	0
CDL15_Pgr023012	31.48	58.85	36.46
CDL15_Pgr023013	28185	19480	44231
CDL15_Pgr023016	20880	13606	42430
CDL15_Pgr023032	0	0.16	0
CDL15_Pgr023050	0	0.36	0
CDL15_Pgr023068	28185	15097	30742
CDL15_Pgr023072	23071	44231	24898
CDL15_Pgr023119	0	21186	0
CDL15_Pgr023125	40.18	43.65	40.69
CDL15_Pgr023127	0	0.12	0
CDL15_Pgr023161	0.79	27395	0.52

CDL15_Pgr023178	0.56	17564	0.16
CDL15_Pgr023202	24.29	53.52	22.69
CDL15_Pgr023204	13940	18719	41699
CDL15_Pgr023241	16103	32540	14277
CDL15_Pgr023253	0	0.12	0
CDL15_Pgr023262	0	0.32	0
CDL15_Pgr023274	0	0.24	0
CDL15_Pgr023285	0	0.65	0
CDL15_Pgr023289	0	0.33	0
CDL15_Pgr023291	0	0.16	0
CDL15_Pgr023295	0	0.09	0
CDL15_Pgr023302	14366	41548	32203
CDL15_Pgr023354	43040	13.80	44358
CDL15_Pgr023358	0	46023	0
CDL15_Pgr023376	0	0.14	0
CDL15_Pgr023433	0	0.29	0
CDL15_Pgr023449	0	0.23	0
CDL15_Pgr023459	0	0.11	0
CDL15_Pgr023472	33.90	46.16	35.60
CDL15_Pgr023527	50.64	60.75	50.15
CDL15_Pgr023530	0	0.17	0
CDL15_Pgr023584	0	0.18	0
CDL15_Pgr023621	0	0.22	0
CDL15_Pgr023625	0.11	0.26	0.08
CDL15_Pgr023648	44212	21.42	15.81
CDL15_Pgr023675	0	0.16	0
CDL15_Pgr023682	18629	22402	20090
CDL15_Pgr023702	44199	16558	47178
CDL15_Pgr023729	29618	43647	15766
CDL15_Pgr023757	18.21	19.23	17.69
CDL15_Pgr023854	30133	44429	20271
CDL15_Pgr023865	0	0.33	0
CDL15_Pgr023883	24.59	27.49	44492
CDL15_Pgr023892	0	0.57	0
CDL15_Pgr023907	84.88	109.97	79.17

CDL15_Pgr023930	15462	18111	29342
CDL15_Pgr023938	22737	23498	15797
CDL15_Pgr023944	0	0.54	0
CDL15_Pgr023962	0	0.49	0
CDL15_Pgr024012	0	0.17	0
CDL15_Pgr024042	22.29	41.78	24.72
CDL15_Pgr024047	15646	31.96	28734
CDL15_Pgr024058	172.89	179.41	174.28
CDL15_Pgr024059	0.52	44287	0.54
CDL15_Pgr024065	0	0.17	0
CDL15_Pgr024141	0	0.36	0
CDL15_Pgr024146	27668	34973	25112
CDL15_Pgr024165	0	0.42	0
CDL15_Pgr024168	0	18994	0
CDL15_Pgr024221	59.82	107.56	59.95
CDL15_Pgr024228	43101	26724	0
CDL15_Pgr024248	42005	42036	13150
CDL15_Pgr024271	30348	44415	21610
CDL15_Pgr024287	0	0.20	0
CDL15_Pgr024319	26.67	36.99	25.88
CDL15_Pgr024326	46784	12236	42736
CDL15_Pgr024330	81.64	116.79	80.86
CDL15_Pgr024331	0	0.20	0
CDL15_Pgr024337	0	0.11	0
CDL15_Pgr024371	0	0.37	0
CDL15_Pgr024380	32.06	44.52	24.27
CDL15_Pgr024385	45.55	61.82	43.34
CDL15_Pgr024394	0	0.14	0
CDL15_Pgr024429	0	0.16	0
CDL15_Pgr024443	47.18	53.80	47.83
CDL15_Pgr024457	19025	23043	17930
CDL15_Pgr024479	23.65	28.64	23.58
CDL15_Pgr024480	29.37	35.80	25.99
CDL15_Pgr024483	44958	20.50	21276
CDL15_Pgr024489	0	0.34	0

CDL15_Pgr024494	0.30	0.67	0.25
CDL15_Pgr024500	11383	42095	33270
CDL15_Pgr024504	71.39	146.86	82.62
CDL15_Pgr024505	166.13	187.90	160.87
CDL15_Pgr024516	30.81	33.50	29.26
CDL15_Pgr024519	130.22	190.04	134.04
CDL15_Pgr024533	0	0.44	0
CDL15_Pgr024566	0.82	42736	0.62
CDL15_Pgr024578	44409	20455	0.76
CDL15_Pgr024579	340.34	368.63	341.68
CDL15_Pgr024587	0	0.41	0
CDL15_Pgr024595	46935	42644	31929
CDL15_Pgr024600	0	0.35	0
CDL15_Pgr024622	0.31	42826	0.16
CDL15_Pgr024637	0	0.30	0
CDL15_Pgr024661	0	0.29	0
CDL15_Pgr024666	14.37	18.74	14.89
CDL15_Pgr024690	0	0.12	0
CDL15_Pgr024696	0	0.16	0
CDL15_Pgr024714	223.59	249.52	214.65
CDL15_Pgr024727	0.11	0.33	0.11
CDL15_Pgr024750	0.05	0.20	0
CDL15_Pgr024769	0.14	0.28	0.05
CDL15_Pgr024776	44288	16834	44502
CDL15_Pgr024822	0	0.11	0
CDL15_Pgr024824	16.50	21.94	13.50
CDL15_Pgr024855	0	0.45	0
CDL15_Pgr024913	0	0.46	0
CDL15_Pgr024918	0	0.10	0
CDL15_Pgr024928	32.99	39.64	34.25
CDL15_Pgr024969	44318	20486	44198
CDL15_Pgr024998	37.14	47.04	34.27
CDL15_Pgr025006	0	14671	0
CDL15_Pgr025048	109.33	174.87	87.24
CDL15_Pgr025064	44519	20.48	18.72

CDL15_Pgr025069	0	23833	0
CDL15_Pgr025088	36.03	55.83	35.03
CDL15_Pgr025150	0.26	0.58	0.33
CDL15_Pgr025156	15827	14062	13271
CDL15_Pgr025177	0	0.15	0
CDL15_Pgr025188	13181	15432	44348
CDL15_Pgr025226	44530	32.16	30.55
CDL15_Pgr025230	0.33	0.88	0.39
CDL15_Pgr025232	0	0.53	0
CDL15_Pgr025234	67.40	96.27	72.80
CDL15_Pgr025248	12785	34060	44440
CDL15_Pgr025284	0.14	0.29	0.07
CDL15_Pgr025297	0	0.23	0
CDL15_Pgr025312	12298	15.67	15615
CDL15_Pgr025323	0	0.20	0.04
CDL15_Pgr025324	0.57	20821	0.59
CDL15_Pgr025325	0	0.10	0
CDL15_Pgr025327	44258	24898	24139
CDL15_Pgr025338	0	0.10	0
CDL15_Pgr025352	14.85	20.62	15.45
CDL15_Pgr025358	18.38	21.62	17.88
CDL15_Pgr025404	0	0.28	0
CDL15_Pgr025422	0.10	0.24	0.05
CDL15_Pgr025442	0	0.21	0
CDL15_Pgr025444	0.10	17564	0.31
CDL15_Pgr025447	13.93	14.82	44391
CDL15_Pgr025455	32874	11018	20090
CDL15_Pgr025463	0	0.27	0
CDL15_Pgr025468	15.92	173.29	41.29
CDL15_Pgr025477	0.81	44927	0.82
CDL15_Pgr025484	16.22	24.23	14.38
CDL15_Pgr025493	0	12785	0
CDL15_Pgr025498	0	0.13	0
CDL15_Pgr025516	0.66	34335	0.45
CDL15_Pgr025519	0	0.13	0

CDL15_Pgr025536	0.99	46813	0.78
CDL15_Pgr025581	0	0.20	0
CDL15_Pgr025628	0.58	21551	0.47
CDL15_Pgr025654	69.51	95.69	66.67
CDL15_Pgr025656	0.58	25204	0.41
CDL15_Pgr025679	26634	16.42	21885
CDL15_Pgr025684	0	0.17	0
CDL15_Pgr025686	44378	36039	28642
CDL15_Pgr025703	300.05	423.21	301.98
CDL15_Pgr025716	0	0.09	0
CDL15_Pgr025726	702.94	966.96	602.78
CDL15_Pgr025736	0	0.18	0
CDL15_Pgr025773	0	0.36	0
CDL15_Pgr025787	0	0.47	0
CDL15_Pgr025830	26481	24746	17349
CDL15_Pgr025851	320.00	361.45	305.84
CDL15_Pgr025855	0.12	0.24	0.06
CDL15_Pgr025862	27.94	30.95	44283
CDL15_Pgr025863	0	0.26	0
CDL15_Pgr025866	0	0.18	0
CDL15_Pgr025871	44.24	49.06	45.02
CDL15_Pgr025875	58.88	65.59	58.71
CDL15_Pgr025877	0	0.34	0
CDL15_Pgr025878	16.51	20.53	14.86
CDL15_Pgr025916	0.19	0.62	0.10
CDL15_Pgr025948	18.43	27.97	20.32
CDL15_Pgr025959	0	0.12	0
CDL15_Pgr025963	0	0.20	0
CDL15_Pgr025966	107.62	155.77	115.94
CDL15_Pgr025978	0	0.67	0
CDL15_Pgr025981	0.63	0.78	0.65
CDL15_Pgr025990	0	0.77	0
CDL15_Pgr025995	0	0.20	0
CDL15_Pgr026000	27273	14.21	44206
CDL15_Pgr026009	1201.63	1539.99	1108.45

CDL15_Pgr026022	32021	17137	11171
CDL15_Pgr026050	0.21	0.45	0.17
CDL15_Pgr026054	0	0.49	0
CDL15_Pgr026086	0	0.20	0
CDL15_Pgr026111	0	0.12	0
CDL15_Pgr026120	27.24	33.32	27.91
CDL15_Pgr026122	0	45658	0
CDL15_Pgr026199	0.67	0.83	0.69
CDL15_Pgr026223	0	0.32	0
CDL15_Pgr026235	44378	21186	44470
CDL15_Pgr026278	0	0.16	0
CDL15_Pgr026347	0	0.27	0
CDL15_Pgr026356	0	0.58	0
CDL15_Pgr026368	0.81	44380	0.42
CDL15_Pgr026381	0	0.15	0
CDL15_Pgr026391	20455	42401	24838
CDL15_Pgr026394	16.39	44.37	16.91
CDL15_Pgr026434	0	0.11	0
CDL15_Pgr026465	51.85	57.01	48.96
CDL15_Pgr026484	0	0.40	0
CDL15_Pgr026570	0	0.42	0
CDL15_Pgr026589	0.46	0.59	0.43
CDL15_Pgr026609	0.35	42036	0.54
CDL15_Pgr026610	0	0.19	0
CDL15_Pgr026614	0	0.19	0
CDL15_Pgr026663	0	0.28	0
CDL15_Pgr026682	90.24	129.33	97.89
CDL15_Pgr026716	0	0.20	0
CDL15_Pgr026721	0	0.63	0
CDL15_Pgr026726	22.61	32.62	17.18
CDL15_Pgr026736	67.83	93.15	54.31
CDL15_Pgr026748	113.55	170.35	125.26
CDL15_Pgr026753	87.06	183.50	88.49
CDL15_Pgr026761	0	0.47	0
CDL15_Pgr026775	0	0.10	0

CDL15_Pgr026790	29.29	40.11	23.60
CDL15_Pgr026792	0.98	15036	0.97
CDL15_Pgr026802	24563	36342	43556
CDL15_Pgr026813	100.28	146.39	101.10
CDL15_Pgr026817	0.97	46054	1.00
CDL15_Pgr026860	0	0.39	0
CDL15_Pgr026877	0	0.32	0
CDL15_Pgr026941	0	0.31	0
CDL15_Pgr026971	13.61	35.92	26054
CDL15_Pgr026973	0	0.16	0
CDL15_Pgr027002	0.07	0.35	0.07
CDL15_Pgr027033	0	0.60	0.12
CDL15_Pgr027050	49.14	58.02	49.24
CDL15_Pgr027071	0	0.51	0
CDL15_Pgr027115	0	0.50	0
CDL15_Pgr027144	0	0.11	0
CDL15_Pgr027181	0	0.25	0
CDL15_Pgr027205	0.83	23437	0
CDL15_Pgr027226	32143	34304	31107
CDL15_Pgr027247	26.64	30.45	27.33
CDL15_Pgr027319	0	0.18	0
CDL15_Pgr027324	0.10	0.31	0.11
CDL15_Pgr027328	0.79	44273	0
CDL15_Pgr027402	18.25	25.66	44426
CDL15_Pgr027416	0	0.10	0
CDL15_Pgr027418	0.99	41275	0.90
CDL15_Pgr027428	0.07	0.53	0.08
CDL15_Pgr027430	32143	20149	44349
CDL15_Pgr027481	0	0.19	0
CDL15_Pgr027501	65.81	113.66	70.61
CDL15_Pgr027519	0	0.35	0
CDL15_Pgr027558	21520	15.19	44482
CDL15_Pgr027574	0.64	13667	0.66
CDL15_Pgr027594	20.87	34.50	19.34
CDL15_Pgr027600	42767	46447	42401

CDL15_Pgr027611	275.78	390.09	273.55
CDL15_Pgr027613	0.07	0.63	0.18
CDL15_Pgr027617	35.58	64.66	44437
CDL15_Pgr027621	31717	33939	27699
CDL15_Pgr027636	0.11	0.38	0.08
CDL15_Pgr027644	0	0.62	0
CDL15_Pgr027645	0	0.28	0
CDL15_Pgr027654	24.35	28.52	24.50
CDL15_Pgr027656	0	0.34	0
CDL15_Pgr027663	1554.63	2310.36	1130.09
CDL15_Pgr027666	0	0.12	0
CDL15_Pgr027678	0.73	44306	26359
CDL15_Pgr027728	257.68	450.80	297.34
CDL15_Pgr027733	0.33	0.83	0.17
CDL15_Pgr027779	0.71	0.93	0.63
CDL15_Pgr027780	0	0.24	0
CDL15_Pgr027783	34973	13.64	19633
CDL15_Pgr027817	43344	33512	21763
CDL15_Pgr027838	0	0.19	0
CDL15_Pgr027921	0.08	0.34	0.09
CDL15_Pgr027942	0	0.26	0
CDL15_Pgr027944	0.52	46753	0.56
CDL15_Pgr027969	34.11	90.42	36.80
CDL15_Pgr027979	67.07	71.06	65.27
CDL15_Pgr028053	0	0.17	0
CDL15_Pgr028055	74.47	91.10	73.57
CDL15_Pgr028069	0	0.24	0
CDL15_Pgr028077	296.09	467.78	231.64
CDL15_Pgr028086	44835	14.24	19207
CDL15_Pgr028095	0.36	44197	0.07
CDL15_Pgr028115	17.95	20.82	16.56
CDL15_Pgr028216	0	0.46	0
CDL15_Pgr028219	61.70	72.02	57.50
CDL15_Pgr028269	0.11	0.33	0.11
CDL15_Pgr028274	0.12	0.35	0.12

CDL15_Pgr028290	0	0.50	0
CDL15_Pgr028331	25538	13.63	44328
CDL15_Pgr028398	18.37	22.13	18.63
CDL15_Pgr028462	18019	46266	32203
CDL15_Pgr028472	153.04	197.13	128.46
CDL15_Pgr028497	42614	44244	19937
CDL15_Pgr028498	0.67	46753	0.77
CDL15_Pgr028502	31.56	37.93	27.94
CDL15_Pgr028524	14277	31837	13516
CDL15_Pgr028573	35.40	38.81	34.66
CDL15_Pgr028594	31413	11383	19725
CDL15_Pgr028604	0.63	1.00	0.47
CDL15_Pgr028643	32082	13.69	22586
CDL15_Pgr028646	0.05	0.15	0
CDL15_Pgr028653	0.27	44409	0.37
CDL15_Pgr028667	0	0.13	0
CDL15_Pgr028687	0	31413	0
CDL15_Pgr028702	31656	14.43	22190
CDL15_Pgr028703	0	0.09	0
CDL15_Pgr028766	0	0.12	0
CDL15_Pgr028773	44927	12510	0.76
CDL15_Pgr028793	71.91	715.78	199.19
CDL15_Pgr028836	44378	25965	0
CDL15_Pgr028851	458.05	530.24	441.79
CDL15_Pgr028865	20.66	32.13	20.13
CDL15_Pgr028870	70.14	87.13	72.20
CDL15_Pgr028872	0	0.49	0
CDL15_Pgr028906	45.18	63.07	43.99
CDL15_Pgr028930	0	0.13	0
CDL15_Pgr028943	0	0.18	0
CDL15_Pgr028944	0	0.15	0
CDL15_Pgr029016	0.52	44197	0.54
CDL15_Pgr029022	0.66	44256	0.53
CDL15_Pgr029042	1195.69	2502.50	1069.54
CDL15_Pgr029043	344.70	839.56	343.07

CDL15_Pgr029045	0	0.40	0
CDL15_Pgr029087	21.70	23.23	44248
CDL15_Pgr029093	41334	13636	21976
CDL15_Pgr029103	0	0.68	0
CDL15_Pgr029107	16742	28825	24412
CDL15_Pgr029139	0.41	0.53	0.38
CDL15_Pgr029161	0	44378	0.12
CDL15_Pgr029176	0	0.63	0
CDL15_Pgr029182	2.00	19572	44318
CDL15_Pgr029206	22647	44379	14246
CDL15_Pgr029234	0	0.69	0
CDL15_Pgr000036	26816	11079	45078
CDL15_Pgr000042	13697	19450	27942
CDL15_Pgr000047	259.64	236.56	251.32
CDL15_Pgr000048	0.29	0.13	0.31
CDL15_Pgr000127	21186	0.91	16438
CDL15_Pgr000174	160.47	107.91	151.38
CDL15_Pgr000184	22.73	21.52	22.22
CDL15_Pgr000222	15707	44440	13516
CDL15_Pgr000265	45292	0.33	44501
CDL15_Pgr000269	18902	44236	15250
CDL15_Pgr000357	42005	0.09	0.74
CDL15_Pgr000366	27.63	19.28	27.30
CDL15_Pgr000379	16.35	15.44	44424
CDL15_Pgr000408	33025	22767	24259
CDL15_Pgr000498	15.21	30651	14.59
CDL15_Pgr000511	44424	23316	16.13
CDL15_Pgr000537	941.82	341.33	705.66
CDL15_Pgr000553	44318	41640	29587
CDL15_Pgr000622	18810	12936	44476
CDL15_Pgr000643	0.34	0	0.26
CDL15_Pgr000756	41275	0.74	44287
CDL15_Pgr000758	30926	12632	21794
CDL15_Pgr000812	42.45	32.48	38.39
CDL15_Pgr000826	0.14	0	0.14

CDL15_Pgr000835	29.36	44399	29.46
CDL15_Pgr000844	11.00	11505	34578
CDL15_Pgr000984	0.23	0.06	0.18
CDL15_Pgr001030	63.17	19.32	51.70
CDL15_Pgr001101	16438	0.34	44378
CDL15_Pgr001138	44.48	25.48	44.30
CDL15_Pgr001139	24.73	44336	24.44
CDL15_Pgr001141	15.26	44805	14.59
CDL15_Pgr001150	114.44	90.74	105.57
CDL15_Pgr001154	44417	11505	32356
CDL15_Pgr001160	39.40	44345	37.69
CDL15_Pgr001174	35827	25204	24139
CDL15_Pgr001237	0.20	0	0.21
CDL15_Pgr001255	28.23	17.65	25.87
CDL15_Pgr001265	44275	17.53	20.23
CDL15_Pgr001269	0.10	0	0.10
CDL15_Pgr001302	41821	12114	43617
CDL15_Pgr001357	42522	26724	44233
CDL15_Pgr001405	23346	25812	44512
CDL15_Pgr001468	42.45	35.62	41.25
CDL15_Pgr001499	44505	17958	44317
CDL15_Pgr001545	148.82	97.83	137.50
CDL15_Pgr001644	278.47	185.47	247.47
CDL15_Pgr001651	44501	0.81	44409
CDL15_Pgr001686	23.70	14.53	20.84
CDL15_Pgr001695	17.22	14.18	16.63
CDL15_Pgr001738	0.37	0.11	0.39
CDL15_Pgr001767	21732	13940	44506
CDL15_Pgr001782	53.43	41.27	51.98
CDL15_Pgr001788	84.13	63.76	79.94
CDL15_Pgr001837	44386	32629	17380
CDL15_Pgr001848	20515	0.35	14277
CDL15_Pgr001961	15.98	14.28	15.48
CDL15_Pgr002039	13241	34335	22372
CDL15_Pgr002061	49.08	44.06	48.21

CDL15_Pgr002071	12479	16469	17227
CDL15_Pgr002087	38.97	30.32	39.13
CDL15_Pgr002199	14.19	43709	15.13
CDL15_Pgr002202	4.00	17227	44320
CDL15_Pgr002207	75.27	42.35	65.21
CDL15_Pgr002254	30834	30803	33025
CDL15_Pgr002328	44308	18.35	22.50
CDL15_Pgr002370	14397	15827	44292
CDL15_Pgr002401	162.09	83.62	157.32
CDL15_Pgr002423	15.83	15.65	15.86
CDL15_Pgr002446	0.17	0	0.12
CDL15_Pgr002447	31837	31809	19419
CDL15_Pgr002454	37.81	33.36	36.83
CDL15_Pgr002471	371.76	229.94	331.62
CDL15_Pgr002480	1782.97	985.19	1543.91
CDL15_Pgr002491	29.70	22.21	28.00
CDL15_Pgr002527	48.55	32.93	43.50
CDL15_Pgr002621	44256	44501	44256
CDL15_Pgr002624	16.35	14.19	16.30
CDL15_Pgr002728	186.68	134.92	186.97
CDL15_Pgr002733	47.62	36.02	45.94
CDL15_Pgr002762	30.57	27.62	44438
CDL15_Pgr002796	46266	14824	43709
CDL15_Pgr002804	28.49	44267	26.64
CDL15_Pgr002838	598.45	454.33	601.92
CDL15_Pgr002865	31778	44501	20821
CDL15_Pgr002883	24563	25965	44443
CDL15_Pgr002899	19.65	25051	15.28
CDL15_Pgr002918	44474	46447	36251
CDL15_Pgr002943	33.49	27.89	31.64
CDL15_Pgr003012	13.94	15766	44391
CDL15_Pgr003013	19025	0	33239
CDL15_Pgr003023	21.89	18.78	21.26
CDL15_Pgr003031	0.34	0.08	0.26
CDL15_Pgr003041	15.47	42705	44362

CDL15_Pgr003092	43040	34881	21094
CDL15_Pgr003097	24259	17227	27881
CDL15_Pgr003128	32234	30011	44352
CDL15_Pgr003146	21671	31868	20210
CDL15_Pgr003176	70.06	49.45	64.47
CDL15_Pgr003177	31291	27454	18810
CDL15_Pgr003200	0.59	0.43	0.57
CDL15_Pgr003232	0.26	0.03	0.20
CDL15_Pgr003242	96.46	86.23	94.97
CDL15_Pgr003275	377.33	313.84	370.80
CDL15_Pgr003276	16224	19085	18415
CDL15_Pgr003278	8.00	44287	36312
CDL15_Pgr003290	23012	0.86	13516
CDL15_Pgr003331	17.28	28430	44334
CDL15_Pgr003380	789.64	685.88	770.59
CDL15_Pgr003396	12966	14001	46935
CDL15_Pgr003397	56.54	22.64	47.88
CDL15_Pgr003419	18142	41821	45536
CDL15_Pgr003444	35.32	24.69	33.03
CDL15_Pgr003565	22.54	18.84	21.45
CDL15_Pgr003608	33.13	23.51	29.51
CDL15_Pgr003615	55.17	30.17	48.28
CDL15_Pgr003616	15.98	23255	15.19
CDL15_Pgr003626	33055	12206	46935
CDL15_Pgr003656	36373	12966	17746
CDL15_Pgr003664	70.06	62.08	71.37
CDL15_Pgr003676	18.96	16.71	18.59
CDL15_Pgr003686	24746	26877	29495
CDL15_Pgr003708	72.47	35.33	58.55
CDL15_Pgr003717	43.76	30.54	38.24
CDL15_Pgr003738	32933	12086	34394
CDL15_Pgr003784	14.60	11232	44362
CDL15_Pgr003791	38.77	28.44	37.95
CDL15_Pgr003798	29646	46813	31837
CDL15_Pgr003800	22.22	20.79	22.14

CDL15_Pgr003813	13.20	14946	13.13
CDL15_Pgr003839	44197	0.65	0.97
CDL15_Pgr003840	45717	18629	19054
CDL15_Pgr003854	18323	24838	22706
CDL15_Pgr003858	43374	42948	44449
CDL15_Pgr003867	44866	13971	46631
CDL15_Pgr003996	0.21	0	0.22
CDL15_Pgr004000	11780	44320	47209
CDL15_Pgr004029	41.72	35.84	41.33
CDL15_Pgr004030	0.36	0.24	0.31
CDL15_Pgr004049	14.23	13332	14.68
CDL15_Pgr004101	31594	26785	26115
CDL15_Pgr004105	77.86	72.79	78.05
CDL15_Pgr004179	27.63	16.51	28.77
CDL15_Pgr004194	95.28	41.39	91.73
CDL15_Pgr004207	29.20	16.60	24.43
CDL15_Pgr004254	14.97	45627	13.98
CDL15_Pgr004296	25659	21641	24198
CDL15_Pgr004316	25965	28856	25600
CDL15_Pgr004327	47058	28976	34182
CDL15_Pgr004337	39.40	22.56	41.49
CDL15_Pgr004369	15554	44506	14093
CDL15_Pgr004396	245.97	216.55	235.55
CDL15_Pgr004399	29.73	44310	28.60
CDL15_Pgr004400	63.76	46.29	61.68
CDL15_Pgr004401	52.47	44.47	53.47
CDL15_Pgr004407	48.96	23.87	44.21
CDL15_Pgr004414	26665	0	10959
CDL15_Pgr004446	44202	0.85	42156
CDL15_Pgr004462	18080	35521	16984
CDL15_Pgr004523	43.77	39.49	43.13
CDL15_Pgr004621	13.66	11232	22616
CDL15_Pgr004622	16.84	13.00	16.69
CDL15_Pgr004655	46054	20090	12086
CDL15_Pgr004697	66.68	60.00	65.92

CDL15_Pgr004717	20.26	42339	17.32
CDL15_Pgr004858	44290	44256	34394
CDL15_Pgr004961	43435	16528	11963
CDL15_Pgr005111	24.35	18.46	44221
CDL15_Pgr005160	0.31	0.07	0.25
CDL15_Pgr005170	22828	14366	35947
CDL15_Pgr005174	44471	10959	33604
CDL15_Pgr005235	14.34	36495	44544
CDL15_Pgr005282	60.47	43.14	62.40
CDL15_Pgr005302	46388	44197	43466
CDL15_Pgr005306	0.83	0.34	0.78
CDL15_Pgr005318	13.33	12663	45627
CDL15_Pgr005365	0.16	0.04	0.17
CDL15_Pgr005368	80.30	74.86	78.66
CDL15_Pgr005382	191.09	112.86	196.35
CDL15_Pgr005386	0.12	0	0.12
CDL15_Pgr005441	110.66	84.54	104.56
CDL15_Pgr005554	21.60	14.35	21.59
CDL15_Pgr005573	49.99	42.59	48.22
CDL15_Pgr005593	45.59	34.42	41.66
CDL15_Pgr005596	51.35	34.20	51.17
CDL15_Pgr005642	26.64	17.49	27.24
CDL15_Pgr005697	34.42	26.94	35.56
CDL15_Pgr005711	44532	0.97	24838
CDL15_Pgr005719	284.87	203.62	262.88
CDL15_Pgr005721	18780	26696	31533
CDL15_Pgr005789	31503	0.71	14671
CDL15_Pgr005793	44229	46023	29221
CDL15_Pgr005879	522.88	290.08	440.84
CDL15_Pgr005926	14.13	11444	13.51
CDL15_Pgr005935	53.12	43.84	52.90
CDL15_Pgr005939	34.82	31.55	34.60
CDL15_Pgr005951	49.18	38.11	46.70
CDL15_Pgr005952	21.77	18.42	21.73
CDL15_Pgr005964	44255	20.15	26.73

CDL15_Pgr005989	34.63	30.33	33.63
CDL15_Pgr006035	23529	26390	14763
CDL15_Pgr006047	17.70	36465	15.48
CDL15_Pgr006048	26330	22282	19391
CDL15_Pgr006055	13881	42736	14977
CDL15_Pgr006064	95.59	79.88	98.47
CDL15_Pgr006088	16.74	44210	16.44
CDL15_Pgr006127	100.70	61.18	89.84
CDL15_Pgr006167	15.21	44480	15.21
CDL15_Pgr006238	321.03	255.54	305.38
CDL15_Pgr006242	0.28	0.17	0.29
CDL15_Pgr006284	17.47	13667	17.21
CDL15_Pgr006289	19.47	44453	18.67
CDL15_Pgr006292	8.00	21551	19906
CDL15_Pgr006306	17.23	16.90	17.29
CDL15_Pgr006307	44505	28491	15432
CDL15_Pgr006308	44413	44533	14702
CDL15_Pgr006332	17046	31138	35977
CDL15_Pgr006400	17137	9.00	12024
CDL15_Pgr006433	13789	35582	44805
CDL15_Pgr006443	18994	12055	18629
CDL15_Pgr006494	31.52	19.52	28.18
CDL15_Pgr006495	172.92	108.28	185.25
CDL15_Pgr006508	0.28	0.14	0.29
CDL15_Pgr006531	26.34	19.75	24.00
CDL15_Pgr006561	15462	34060	11810
CDL15_Pgr006629	25.82	20.13	24.96
CDL15_Pgr006706	0.19	0	0.13
CDL15_Pgr006793	223.56	217.10	224.13
CDL15_Pgr006796	146.48	121.91	143.99
CDL15_Pgr006799	21885	35704	44166
CDL15_Pgr006802	24.33	17.96	23.54
CDL15_Pgr006804	0.35	0	0.36
CDL15_Pgr006843	55.55	34.14	46.80
CDL15_Pgr006913	602.87	482.65	614.50

CDL15_Pgr006930	18.50	22129	15.14
CDL15_Pgr006933	45.78	38.91	43.55
CDL15_Pgr006964	26359	22313	15766
CDL15_Pgr006979	48.41	21459	36.67
CDL15_Pgr006989	0.14	0.04	0.15
CDL15_Pgr007009	25235	20821	20852
CDL15_Pgr007027	0.11	0	0.08
CDL15_Pgr007076	17654	28550	44260
CDL15_Pgr007092	23255	44538	42614
CDL15_Pgr007109	13181	36161	10990
CDL15_Pgr007139	0.65	0.21	0.67
CDL15_Pgr007141	17.95	26604	15.38
CDL15_Pgr007202	725.94	516.43	728.55
CDL15_Pgr007214	0.95	0.36	0.99
CDL15_Pgr007231	17380	28946	20637
CDL15_Pgr007235	19603	35186	44294
CDL15_Pgr007249	29983	25569	23408
CDL15_Pgr007305	60.03	40.10	55.73
CDL15_Pgr007308	33451	28246	24654
CDL15_Pgr007314	44197	0.67	44256
CDL15_Pgr007323	12420	0.66	44197
CDL15_Pgr007327	18.53	32448	15.82
CDL15_Pgr007331	24898	44230	28185
CDL15_Pgr007364	41.82	33.45	38.98
CDL15_Pgr007366	117.53	59.13	118.24
CDL15_Pgr007381	116.85	81.53	107.53
CDL15_Pgr007391	64.76	60.82	64.81
CDL15_Pgr007407	45717	43497	43160
CDL15_Pgr007419	37.13	30.72	37.68
CDL15_Pgr007469	14.88	12663	14.18
CDL15_Pgr007488	30956	17746	44479
CDL15_Pgr007547	0.13	0	0.14
CDL15_Pgr007550	23712	31717	21520
CDL15_Pgr007552	35.54	26.25	32.40
CDL15_Pgr007559	27.48	17.93	23.73

CDL15_Pgr007565	66.29	58.24	64.85
CDL15_Pgr007631	25385	19054	43617
CDL15_Pgr007656	12055	0.22	0.91
CDL15_Pgr007671	49.50	31.95	48.90
CDL15_Pgr007698	20090	0.07	44531
CDL15_Pgr007708	32905	42005	11720
CDL15_Pgr007791	28.95	29160	28.97
CDL15_Pgr007888	346.91	238.90	315.98
CDL15_Pgr007893	44499	22.20	27.99
CDL15_Pgr007905	46692	45444	17441
CDL15_Pgr007913	42.25	36.89	40.19
CDL15_Pgr007967	18050	43556	14397
CDL15_Pgr008026	43.07	40.99	43.02
CDL15_Pgr008089	47119	44409	44562
CDL15_Pgr008110	47.36	38.65	48.32
CDL15_Pgr008139	0.92	0	0.57
CDL15_Pgr008213	21002	42156	13697
CDL15_Pgr008225	16954	42125	15858
CDL15_Pgr008307	18994	0	45658
CDL15_Pgr008390	24624	42491	24259
CDL15_Pgr008471	38.01	34.14	37.70
CDL15_Pgr008552	20.22	16.70	19.65
CDL15_Pgr008590	45383	27791	24898
CDL15_Pgr008611	0.88	0.10	0.61
CDL15_Pgr008618	28.43	19.94	25.34
CDL15_Pgr008709	51.79	42.12	50.37
CDL15_Pgr008715	0.43	0.29	0.45
CDL15_Pgr008732	23559	16893	44293
CDL15_Pgr008744	32356	30437	8.00
CDL15_Pgr008749	13.44	44205	13.34
CDL15_Pgr008802	35765	43647	43040
CDL15_Pgr008817	136.23	111.91	131.39
CDL15_Pgr008832	12966	29312	29373
CDL15_Pgr008839	12571	36251	15493
CDL15_Pgr008848	20271	31868	26816

CDL15_Pgr008880	44532	17899	42036
CDL15_Pgr008924	41.75	29.43	43.54
CDL15_Pgr008965	23.82	44429	22.75
CDL15_Pgr008973	685.85	381.87	665.09
CDL15_Pgr008977	96.32	65.80	95.97
CDL15_Pgr008993	63.91	52.09	59.22
CDL15_Pgr009024	23224	22828	25051
CDL15_Pgr009063	9.00	25294	24320
CDL15_Pgr009068	22647	0.93	23377
CDL15_Pgr009191	0.32	0	0.27
CDL15_Pgr009224	21.14	19.46	21.41
CDL15_Pgr009257	42186	32994	24259
CDL15_Pgr009304	123.41	102.15	124.29
CDL15_Pgr009315	455.70	245.67	380.19
CDL15_Pgr009318	25.22	16.98	23.29
CDL15_Pgr009354	33.34	44342	30.32
CDL15_Pgr009424	15.16	23955	44422
CDL15_Pgr009456	14916	27668	45231
CDL15_Pgr009523	34.01	31.55	33.79
CDL15_Pgr009556	515.19	420.91	516.97
CDL15_Pgr009569	16346	22890	21094
CDL15_Pgr009597	256.40	143.02	212.24
CDL15_Pgr009611	44253	15.56	23.48
CDL15_Pgr009643	105.71	68.55	100.17
CDL15_Pgr009651	24.21	20.31	23.97
CDL15_Pgr009701	19268	32325	20363
CDL15_Pgr009703	91.10	49.00	73.16
CDL15_Pgr009706	148.74	103.68	134.28
CDL15_Pgr009715	28.17	25.45	27.54
CDL15_Pgr009719	119.17	92.10	122.30
CDL15_Pgr009768	15554	32629	33420
CDL15_Pgr009780	107.93	83.20	110.72
CDL15_Pgr009785	0.38	0.08	0.31
CDL15_Pgr009810	26.95	18.28	27.87
CDL15_Pgr009845	23.34	31382	44490

CDL15_Pgr009853	32.96	26.38	33.94
CDL15_Pgr009857	0.12	0	0.13
CDL15_Pgr009896	29556	21855	14946
CDL15_Pgr009898	0.65	0.33	0.59
CDL15_Pgr009929	0.42	0	0.29
CDL15_Pgr009942	0.13	0	0.14
CDL15_Pgr009988	44805	12632	31990
CDL15_Pgr010042	32540	13912	33635
CDL15_Pgr010060	25235	0.99	21947
CDL15_Pgr010068	25659	24898	17989
CDL15_Pgr010078	24198	32568	22737
CDL15_Pgr010080	43070	11536	20424
CDL15_Pgr010199	0.32	0	0.25
CDL15_Pgr010204	31868	44256	24198
CDL15_Pgr010250	0.68	0.55	0.70
CDL15_Pgr010251	0.68	0.55	0.70
CDL15_Pgr010277	421.93	306.86	428.94
CDL15_Pgr010288	32.04	27.90	32.63
CDL15_Pgr010316	38.29	28.25	38.09
CDL15_Pgr010320	56.14	36.68	53.52
CDL15_Pgr010323	56.14	36.68	53.52
CDL15_Pgr010336	176.94	105.02	163.54
CDL15_Pgr010338	0.18	0.06	0.16
CDL15_Pgr010402	46.51	43.80	46.60
CDL15_Pgr010405	17.51	16.22	17.20
CDL15_Pgr010434	41944	27211	23316
CDL15_Pgr010444	28.54	22.56	26.79
CDL15_Pgr010450	0.72	0.07	0.50
CDL15_Pgr010457	33.82	27.68	31.84
CDL15_Pgr010467	18.52	13.62	16.49
CDL15_Pgr010512	19906	45689	19541
CDL15_Pgr010536	32.99	29.95	32.77
CDL15_Pgr010549	23.23	21.83	23.45
CDL15_Pgr010642	37.52	20.59	30.37
CDL15_Pgr010698	0.54	0.23	0.51

CDL15_Pgr010727	15.75	12754	15.57
CDL15_Pgr010749	108.66	91.58	103.59
CDL15_Pgr010798	49.16	35.17	48.13
CDL15_Pgr010813	35065	43831	44257
CDL15_Pgr010819	29768	25294	11505
CDL15_Pgr010846	24.62	15.94	21.87
CDL15_Pgr010969	15.36	44204	28095
CDL15_Pgr010990	20.59	11567	16.36
CDL15_Pgr011041	18598	15250	36465
CDL15_Pgr011073	28795	44295	22555
CDL15_Pgr011094	23802	17930	43891
CDL15_Pgr011107	44403	21.90	25.62
CDL15_Pgr011117	14.90	14062	27699
CDL15_Pgr011170	46753	0.69	44531
CDL15_Pgr011196	68.29	52.08	64.36
CDL15_Pgr011209	42.96	37.53	41.74
CDL15_Pgr011275	26238	44292	24412
CDL15_Pgr011323	20.77	14.35	19.25
CDL15_Pgr011328	0.24	0.06	0.18
CDL15_Pgr011381	21490	32690	19299
CDL15_Pgr011398	44314	24.23	27.46
CDL15_Pgr011403	71.07	53.87	65.39
CDL15_Pgr011421	15373	25569	46054
CDL15_Pgr011451	16.43	13.17	15.87
CDL15_Pgr011473	28.89	19.91	44560
CDL15_Pgr011505	31382	36100	23346
CDL15_Pgr011528	20486	42370	35431
CDL15_Pgr011554	33.51	24.59	30.92
CDL15_Pgr011559	16.47	17777	44210
CDL15_Pgr011571	13.22	36373	22616
CDL15_Pgr011579	0.19	0.06	0.19
CDL15_Pgr011630	14.13	25477	14.38
CDL15_Pgr011780	17715	25689	22828
CDL15_Pgr011806	15888	13667	44378
CDL15_Pgr011814	20880	26330	19419

CDL15_Pgr011817	45.55	37.22	46.40
CDL15_Pgr011837	45.26	37.86	46.11
CDL15_Pgr011850	7.00	47239	29738
CDL15_Pgr011869	20.57	29921	17.56
CDL15_Pgr011944	15.61	44206	14.59
CDL15_Pgr011967	27.30	23.91	26.76
CDL15_Pgr011979	44339	16.55	44276
CDL15_Pgr011980	129.50	79.28	116.22
CDL15_Pgr011983	44459	18.17	19.80
CDL15_Pgr011991	122.54	64.63	105.80
CDL15_Pgr012081	44543	42278	13.21
CDL15_Pgr012086	223.78	121.14	193.71
CDL15_Pgr012123	17.99	13.27	16.39
CDL15_Pgr012129	16.38	44544	15.72
CDL15_Pgr012133	20.76	19.99	20.58
CDL15_Pgr012150	16316	33786	32721
CDL15_Pgr012180	11018	28126	25600
CDL15_Pgr012196	30.46	23.74	30.32
CDL15_Pgr012366	23285	31533	25416
CDL15_Pgr012412	44434	19.18	25.92
CDL15_Pgr012531	61.50	58.74	61.37
CDL15_Pgr012609	18.20	13.80	17.50
CDL15_Pgr012633	126.32	103.86	126.85
CDL15_Pgr012700	15.42	43070	14.35
CDL15_Pgr012756	13.39	25355	34274
CDL15_Pgr012760	73.33	58.98	69.58
CDL15_Pgr012777	10990	0.77	44318
CDL15_Pgr012795	18354	44257	23102
CDL15_Pgr012797	33.81	31.88	33.82
CDL15_Pgr012806	16377	35582	44387
CDL15_Pgr012816	41852	23894	44294
CDL15_Pgr012820	44287	44533	35855
CDL15_Pgr012823	37.99	32.37	36.87
CDL15_Pgr012847	16.70	24777	15.34
CDL15_Pgr012854	126.65	104.01	118.87

CDL15_Pgr012860	44204	34486	22463
CDL15_Pgr012868	30.94	24.21	28.69
CDL15_Pgr012944	51.39	33.18	43.87
CDL15_Pgr012965	12236	21306	26816
CDL15_Pgr013051	41395	35065	20180
CDL15_Pgr013096	22.54	12328	17.59
CDL15_Pgr013190	0.27	0	0.28
CDL15_Pgr013239	20455	0.33	44470
CDL15_Pgr013245	16438	0.95	12055
CDL15_Pgr013246	24.40	20.80	22.88
CDL15_Pgr013247	0.31	0.10	0.22
CDL15_Pgr013255	44444	44351	34425
CDL15_Pgr013282	87.43	73.85	85.89
CDL15_Pgr013283	35.19	32.52	35.42
CDL15_Pgr013324	14.30	44326	35400
CDL15_Pgr013341	38.76	26.00	34.72
CDL15_Pgr013372	18.61	14.13	44272
CDL15_Pgr013452	21.17	17.94	21.33
CDL15_Pgr013454	21.39	30225	23.14
CDL15_Pgr013458	27030	17899	28856
CDL15_Pgr013466	82.15	59.24	75.56
CDL15_Pgr013480	18050	29983	44201
CDL15_Pgr013493	44287	30348	33664
CDL15_Pgr013495	44432	17.93	25.27
CDL15_Pgr013498	65.93	56.84	66.22
CDL15_Pgr013499	15462	21245	44505
CDL15_Pgr013534	44553	15.15	19.80
CDL15_Pgr013538	43891	12086	42430
CDL15_Pgr013571	11810	4.00	45778
CDL15_Pgr013577	19.98	35765	19.28
CDL15_Pgr013584	62.02	56.17	61.74
CDL15_Pgr013603	0.29	0.12	0.30
CDL15_Pgr013622	31.29	23.84	30.85
CDL15_Pgr013662	12936	27454	45078
CDL15_Pgr013753	32994	35125	46143

CDL15_Pgr013756	57.79	41.42	55.50
CDL15_Pgr013777	44264	35582	43678
CDL15_Pgr013787	41760	44502	42856
CDL15_Pgr013805	44378	0.72	44409
CDL15_Pgr013894	44301	44239	44330
CDL15_Pgr013905	0.52	0.17	0.53
CDL15_Pgr013935	19511	23408	31533
CDL15_Pgr013946	28550	34335	44200
CDL15_Pgr014010	107.64	65.04	93.38
CDL15_Pgr014012	14.71	45597	44454
CDL15_Pgr014019	15097	44470	21245
CDL15_Pgr014043	44441	19360	42767
CDL15_Pgr014070	24.45	14.46	21.87
CDL15_Pgr014087	45839	42430	11140
CDL15_Pgr014252	13.41	45474	12.00
CDL15_Pgr014288	16862	44471	16862
CDL15_Pgr014327	93.53	73.72	85.91
CDL15_Pgr014366	40.20	31.71	40.28
CDL15_Pgr014369	200.91	161.52	184.40
CDL15_Pgr014387	75.21	58.51	69.66
CDL15_Pgr014388	77.08	74.56	77.06
CDL15_Pgr014456	52.43	44.64	49.73
CDL15_Pgr014517	52.39	45.18	52.53
CDL15_Pgr014550	15.43	34182	13.96
CDL15_Pgr014556	47270	0.69	30773
CDL15_Pgr014566	127.77	97.08	132.02
CDL15_Pgr014590	70.84	61.43	68.83
CDL15_Pgr014623	44234	44292	29373
CDL15_Pgr014632	36.25	23.58	32.17
CDL15_Pgr014633	23.52	16.35	22.89
CDL15_Pgr014646	32874	0.99	31048
CDL15_Pgr014648	44166	16163	47362
CDL15_Pgr014678	41.60	25.40	38.79
CDL15_Pgr014684	154.50	52.35	174.13
CDL15_Pgr014711	26330	0.22	24108

CDL15_Pgr014738	13.48	27242	47088
CDL15_Pgr014833	182.21	27.21	132.54
CDL15_Pgr014872	58.84	42.36	54.31
CDL15_Pgr014921	131.12	103.38	121.06
CDL15_Pgr014930	19.93	35765	19.74
CDL15_Pgr014938	18.98	22951	19.67
CDL15_Pgr014940	41730	20121	19419
CDL15_Pgr014947	77.03	58.05	71.79
CDL15_Pgr014983	44258	29587	25965
CDL15_Pgr015058	57.21	42.80	56.22
CDL15_Pgr015155	16619	25324	32660
CDL15_Pgr015190	62.82	60.49	62.68
CDL15_Pgr015193	44537	32994	35947
CDL15_Pgr015197	44540	31260	23621
CDL15_Pgr015210	0.13	0.03	0.11
CDL15_Pgr015237	20.61	29190	20.88
CDL15_Pgr015261	46174	43862	24929
CDL15_Pgr015268	43831	0.55	0.96
CDL15_Pgr015285	44409	12571	25385
CDL15_Pgr015309	15.85	13028	13.78
CDL15_Pgr015340	35.36	18963	31.79
CDL15_Pgr015371	19.69	16.71	20.28
CDL15_Pgr015386	67.44	63.60	67.29
CDL15_Pgr015401	71.16	57.02	71.33
CDL15_Pgr015465	182.60	101.54	159.89
CDL15_Pgr015495	66.70	47.26	59.83
CDL15_Pgr015504	7.00	44535	44013
CDL15_Pgr015514	392.93	130.96	303.97
CDL15_Pgr015529	14.35	41548	14.24
CDL15_Pgr015543	95.09	63.30	83.46
CDL15_Pgr015546	19.34	26268	19.94
CDL15_Pgr015548	16.61	15.30	16.47
CDL15_Pgr015617	44211	30560	14.18
CDL15_Pgr015652	44458	17.16	18.38
CDL15_Pgr015654	0.60	0.25	0.51

CDL15_Pgr015660	46.61	32.32	47.33
CDL15_Pgr015662	35370	13363	32782
CDL15_Pgr015684	46844	34335	27820
CDL15_Pgr015686	11810	45383	16558
CDL15_Pgr015691	29.79	17.25	25.74
CDL15_Pgr015695	161.25	118.34	147.47
CDL15_Pgr015718	147.03	32.63	137.20
CDL15_Pgr015721	138.51	19.68	95.76
CDL15_Pgr015752	50.95	40.20	48.91
CDL15_Pgr015753	20090	0.71	44927
CDL15_Pgr015795	44226	19.31	26.29
CDL15_Pgr015799	44454	13.17	14.71
CDL15_Pgr015804	44743	41760	17319
CDL15_Pgr015825	44488	14.44	19.80
CDL15_Pgr015827	0.14	0	0.14
CDL15_Pgr015845	33.17	27.75	32.96
CDL15_Pgr015858	2.00	44440	44379
CDL15_Pgr015889	15888	35551	33025
CDL15_Pgr015935	28672	13271	35612
CDL15_Pgr015937	13759	27181	47362
CDL15_Pgr016047	88.14	79.85	88.00
CDL15_Pgr016050	29.57	18.47	25.55
CDL15_Pgr016086	548.04	478.27	539.41
CDL15_Pgr016207	87.39	71.36	80.60
CDL15_Pgr016220	44440	44293	16285
CDL15_Pgr016230	19.83	15.84	19.72
CDL15_Pgr016278	0.16	0	0.11
CDL15_Pgr016295	0.12	0	0.12
CDL15_Pgr016333	15.36	31168	13.51
CDL15_Pgr016410	46935	20821	16984
CDL15_Pgr016449	61.75	42.16	59.20
CDL15_Pgr016453	11202	44348	23255
CDL15_Pgr016582	61.01	40.29	54.62
CDL15_Pgr016591	172.30	41.97	151.02
CDL15_Pgr016622	23255	26085	33086

CDL15_Pgr016648	32690	17288	29403
CDL15_Pgr016651	46784	25204	13181
CDL15_Pgr016655	0.54	0.31	0.48
CDL15_Pgr016800	44986	23408	11749
CDL15_Pgr016802	43435	43709	34639
CDL15_Pgr016806	44262	21306	44384
CDL15_Pgr016849	34547	20241	45901
CDL15_Pgr016915	0.17	0.03	0.14
CDL15_Pgr016924	24929	45292	25628
CDL15_Pgr017045	143.19	77.14	133.58
CDL15_Pgr017071	44430	14.84	19.99
CDL15_Pgr017097	105.73	94.83	105.69
CDL15_Pgr017106	54.37	44220	58.46
CDL15_Pgr017118	28.38	21.29	26.46
CDL15_Pgr017168	250.71	217.68	240.73
CDL15_Pgr017178	16.13	44538	13.83
CDL15_Pgr017204	0.43	0.15	0.41
CDL15_Pgr017228	18233	15615	20424
CDL15_Pgr017264	31.64	24.15	31.59
CDL15_Pgr017272	20.98	19.15	20.94
CDL15_Pgr017314	0.66	0.49	0.68
CDL15_Pgr017320	4.00	0.85	44473
CDL15_Pgr017376	17.46	36100	15.92
CDL15_Pgr017402	43.35	34.01	44.34
CDL15_Pgr017403	25.16	17.23	23.81
CDL15_Pgr017405	18.17	25082	15.42
CDL15_Pgr017418	44.85	39.42	42.54
CDL15_Pgr017449	44471	0.27	20821
CDL15_Pgr017472	44202	31472	45078
CDL15_Pgr017518	21.62	13.17	19.13
CDL15_Pgr017535	206.19	170.06	199.30
CDL15_Pgr017578	46478	23802	44504
CDL15_Pgr017600	10990	0.87	11720
CDL15_Pgr017642	0.55	0.30	0.49
CDL15_Pgr017706	46143	44200	28216

CDL15_Pgr017768	43983	46508	46905
CDL15_Pgr017769	44348	0.18	0.73
CDL15_Pgr017809	43374	34425	45870
CDL15_Pgr017831	44404	44462	27.85
CDL15_Pgr017833	0.33	0	0.27
CDL15_Pgr017845	51.23	24.29	47.13
CDL15_Pgr017909	17.24	20760	15.13
CDL15_Pgr017911	19.54	14.64	44520
CDL15_Pgr017913	27120	24869	44504
CDL15_Pgr017928	26359	14277	28185
CDL15_Pgr017945	17654	44232	19845
CDL15_Pgr017970	49.30	38.10	49.69
CDL15_Pgr017986	40.69	27.29	35.85
CDL15_Pgr017994	27395	0.79	13150
CDL15_Pgr018013	203.37	167.41	206.07
CDL15_Pgr018032	15.18	13.17	15.21
CDL15_Pgr018087	26.67	21.66	24.64
CDL15_Pgr018098	35309	46204	41518
CDL15_Pgr018114	0.69	0	0.71
CDL15_Pgr018116	16.28	17076	15.81
CDL15_Pgr018130	13912	42005	34700
CDL15_Pgr018147	25324	32203	23498
CDL15_Pgr018164	11689	0.32	44228
CDL15_Pgr018179	0.26	0.16	0.23
CDL15_Pgr018192	22.68	13119	20.14
CDL15_Pgr018204	13.16	44204	35370
CDL15_Pgr018212	28.52	24.16	27.19
CDL15_Pgr018215	44416	32325	44447
CDL15_Pgr018231	44562	0.38	44378
CDL15_Pgr018321	63.30	58.48	62.69
CDL15_Pgr018332	0.35	0.23	0.36
CDL15_Pgr018338	26.89	24.17	26.38
CDL15_Pgr018342	0.78	0.26	0.67
CDL15_Pgr018349	475.95	141.16	435.55
CDL15_Pgr018446	34608	15888	13424

CDL15_Pgr018503	61.17	50.16	61.46
CDL15_Pgr018588	19268	16681	14885
CDL15_Pgr018621	0.58	0.19	0.60
CDL15_Pgr018673	0.33	0.08	0.34
CDL15_Pgr018742	233.02	158.98	218.08
CDL15_Pgr018749	31382	24381	11658
CDL15_Pgr018753	17.23	21155	16.67
CDL15_Pgr018778	34121	44380	24593
CDL15_Pgr018780	35612	16893	44447
CDL15_Pgr018814	0.12	0	0.13
CDL15_Pgr018816	19725	0.94	15342
CDL15_Pgr018821	11749	44317	16834
CDL15_Pgr018915	43678	22037	28307
CDL15_Pgr018916	0.48	0.27	0.39
CDL15_Pgr018985	1159.57	981.50	1127.70
CDL15_Pgr018991	16.29	44390	15.35
CDL15_Pgr018996	0.48	0.19	0.40
CDL15_Pgr019026	44075	15827	44236
CDL15_Pgr019031	37.60	27.87	35.08
CDL15_Pgr019039	31.72	44400	33.24
CDL15_Pgr019041	23408	0.44	15738
CDL15_Pgr019079	0.72	0.18	0.81
CDL15_Pgr019085	124.31	113.74	126.02
CDL15_Pgr019088	14001	13606	45047
CDL15_Pgr019108	19968	35612	24351
CDL15_Pgr019142	33.69	30.61	33.90
CDL15_Pgr019227	228.82	140.39	241.24
CDL15_Pgr019232	44400	18.31	22.36
CDL15_Pgr019314	0.45	0.14	0.47
CDL15_Pgr019337	11414	20149	16893
CDL15_Pgr019355	44.46	36.59	42.02
CDL15_Pgr019367	139.92	80.04	139.63
CDL15_Pgr019412	35827	2.00	44442
CDL15_Pgr019458	41944	17624	19998
CDL15_Pgr019460	368.99	344.82	369.49

CDL15_Pgr019487	20515	33270	22706
CDL15_Pgr019490	18719	47209	15797
CDL15_Pgr019532	0.39	0.14	0.33
CDL15_Pgr019533	0.74	0.27	0.68
CDL15_Pgr019543	12267	23529	23590
CDL15_Pgr019644	20.39	17.37	19.97
CDL15_Pgr019708	16.63	14.77	16.93
CDL15_Pgr019722	0.30	0.12	0.25
CDL15_Pgr019780	34973	36008	27668
CDL15_Pgr019785	16.60	13.24	15.30
CDL15_Pgr019803	34639	28430	32448
CDL15_Pgr019805	33.71	26.33	32.11
CDL15_Pgr019820	22282	12785	18264
CDL15_Pgr019857	20.89	19.31	44276
CDL15_Pgr019864	14.18	41548	21155
CDL15_Pgr019886	32021	46539	44295
CDL15_Pgr019959	33.60	28.63	32.95
CDL15_Pgr019963	86.73	65.31	84.66
CDL15_Pgr019981	41.21	44493	36.33
CDL15_Pgr019992	95.65	92.53	95.59
CDL15_Pgr019994	0.77	0.32	0.76
CDL15_Pgr020002	72.72	58.23	68.05
CDL15_Pgr020015	32.16	26.63	30.93
CDL15_Pgr020017	16.61	11293	44484
CDL15_Pgr020153	35977	30834	44204
CDL15_Pgr020192	19391	0.91	35431
CDL15_Pgr020219	30.71	24.76	29.98
CDL15_Pgr020237	67.25	55.02	62.86
CDL15_Pgr020265	45.18	38.68	42.85
CDL15_Pgr020273	13028	16923	34881
CDL15_Pgr020294	14580	44326	21520
CDL15_Pgr020333	44774	36281	33055
CDL15_Pgr020344	18.30	44540	15.52
CDL15_Pgr020362	18.40	14.79	17.58
CDL15_Pgr020374	21276	45717	41730

CDL15_Pgr020431	44338	15.27	22.99
CDL15_Pgr020459	30.46	21.56	26.81
CDL15_Pgr020545	36.67	29.19	35.70
CDL15_Pgr020553	13.53	26816	36100
CDL15_Pgr020598	13.92	26573	44268
CDL15_Pgr020599	14154	35247	28399
CDL15_Pgr020615	31809	44593	31809
CDL15_Pgr020718	19.30	14.71	17.74
CDL15_Pgr020756	16.80	11232	14.67
CDL15_Pgr020852	12451	0	29221
CDL15_Pgr020854	0.73	0.15	0.69
CDL15_Pgr020886	61.68	44.28	58.17
CDL15_Pgr020902	44299	41974	13.20
CDL15_Pgr020904	44441	22647	35431
CDL15_Pgr020971	360.06	215.21	309.08
CDL15_Pgr020988	44393	13.46	15.59
CDL15_Pgr020990	0.23	0.06	0.18
CDL15_Pgr020991	44496	20.68	26.20
CDL15_Pgr021112	53.52	27.43	48.55
CDL15_Pgr021115	333.99	243.13	343.81
CDL15_Pgr021137	21551	0.96	17168
CDL15_Pgr021253	14336	27760	22372
CDL15_Pgr021362	20.69	19.69	20.72
CDL15_Pgr021429	13.15	32782	13.57
CDL15_Pgr021431	73.93	41.16	61.47
CDL15_Pgr021481	14.75	44480	13.91
CDL15_Pgr021492	33390	46905	31929
CDL15_Pgr021501	44318	45658	44532
CDL15_Pgr021592	18.27	13.00	44547
CDL15_Pgr021596	44264	41395	16619
CDL15_Pgr021602	63.91	29.41	52.57
CDL15_Pgr021607	28522	2.00	21217
CDL15_Pgr021658	56.69	37.63	49.11
CDL15_Pgr021666	124.38	77.34	105.14
CDL15_Pgr021695	50.91	40.78	51.22

CDL15_Pgr021771	21.83	15.21	44459
CDL15_Pgr021779	274.61	166.17	227.82
CDL15_Pgr021803	0.68	0.29	0.70
CDL15_Pgr021810	23285	16619	32417
CDL15_Pgr021835	47027	14093	18172
CDL15_Pgr021896	34820	41306	29342
CDL15_Pgr021916	16.72	15.26	16.89
CDL15_Pgr022023	20.18	13.46	21.21
CDL15_Pgr022027	14277	33239	11720
CDL15_Pgr022053	14.76	27638	33939
CDL15_Pgr022145	50.27	42.66	50.24
CDL15_Pgr022174	0.92	0.17	0.60
CDL15_Pgr022184	26543	15523	30529
CDL15_Pgr022237	15523	16558	44354
CDL15_Pgr022247	16.36	17838	16.15
CDL15_Pgr022252	44534	16132	31472
CDL15_Pgr022260	29891	44238	19664
CDL15_Pgr022267	0.88	0.60	0.85
CDL15_Pgr022305	18.49	15.71	44245
CDL15_Pgr022316	46935	21610	36281
CDL15_Pgr022319	0.75	0.30	0.62
CDL15_Pgr022347	28216	12816	32933
CDL15_Pgr022554	18.40	14.80	18.96
CDL15_Pgr022568	35.20	44312	33.52
CDL15_Pgr022575	16.45	15.40	44516
CDL15_Pgr022592	44307	16.70	21.64
CDL15_Pgr022595	22.18	20.14	21.69
CDL15_Pgr022636	36312	26755	44506
CDL15_Pgr022667	14.67	44481	13.79
CDL15_Pgr022674	126.25	108.57	128.42
CDL15_Pgr022691	166.59	155.54	168.77
CDL15_Pgr022750	0.53	0.15	0.55
CDL15_Pgr022826	42095	35827	44200
CDL15_Pgr022839	16011	28004	26207
CDL15_Pgr022860	44451	11963	43800

CDL15_Pgr022887	0.24	0	0.14
CDL15_Pgr022962	33786	43647	29403
CDL15_Pgr023029	15493	19480	41791
CDL15_Pgr023033	47.23	33.16	47.07
CDL15_Pgr023038	24047	22859	19268
CDL15_Pgr023064	44331	44263	15676
CDL15_Pgr023086	11324	0.29	0.88
CDL15_Pgr023089	188.04	181.28	186.46
CDL15_Pgr023121	72.53	56.87	70.63
CDL15_Pgr023123	16984	16923	32660
CDL15_Pgr023144	30651	29495	11293
CDL15_Pgr023198	45139	28307	44355
CDL15_Pgr023208	37.21	26.37	36.66
CDL15_Pgr023246	29891	23986	16011
CDL15_Pgr023484	35065	44256	41671
CDL15_Pgr023549	44372	18.47	22.69
CDL15_Pgr023560	23.69	19.90	22.26
CDL15_Pgr023574	78.45	68.57	77.57
CDL15_Pgr023575	86.56	17.18	86.62
CDL15_Pgr023681	103.39	59.75	91.90
CDL15_Pgr023738	0.58	0	0.60
CDL15_Pgr023739	0.37	0	0.38
CDL15_Pgr023890	13.80	27668	13.13
CDL15_Pgr023910	44355	45017	20972
CDL15_Pgr023921	19815	26724	18719
CDL15_Pgr023977	35947	44322	27546
CDL15_Pgr024000	24.84	16.74	22.78
CDL15_Pgr024150	44323	31809	44506
CDL15_Pgr024156	42705	44478	43800
CDL15_Pgr024179	19391	13881	44410
CDL15_Pgr024191	44295	35521	25385
CDL15_Pgr024210	18.15	16.26	17.80
CDL15_Pgr024220	13.98	21064	13.43
CDL15_Pgr024247	41426	44382	44233
CDL15_Pgr024269	15.75	30651	44424

CDL15_Pgr024282	27576	14642	20210
CDL15_Pgr024290	0.09	0	0.09
CDL15_Pgr024302	47119	0.91	46388
CDL15_Pgr024322	121.24	98.39	115.92
CDL15_Pgr024364	14.88	14.26	14.64
CDL15_Pgr024365	13728	46569	47331
CDL15_Pgr024382	49.25	26.39	41.55
CDL15_Pgr024424	44287	46447	44534
CDL15_Pgr024434	46966	23529	15919
CDL15_Pgr024460	13.77	41913	45992
CDL15_Pgr024461	13.77	41913	45992
CDL15_Pgr024473	13.72	42278	13.14
CDL15_Pgr024511	306.56	261.82	305.52
CDL15_Pgr024514	26846	21641	31929
CDL15_Pgr024515	44256	0.31	0.75
CDL15_Pgr024523	29.13	14.94	26.47
CDL15_Pgr024546	41640	0.77	0.99
CDL15_Pgr024563	20.63	16.91	21.35
CDL15_Pgr024596	46.05	31.72	41.94
CDL15_Pgr024614	31444	31413	32540
CDL15_Pgr024618	14.29	44478	44896
CDL15_Pgr024621	21.79	44521	21.91
CDL15_Pgr024736	35247	47270	8.00
CDL15_Pgr024755	20821	44531	22647
CDL15_Pgr024804	32568	44257	23071
CDL15_Pgr024897	24.33	16.90	21.63
CDL15_Pgr024912	0.21	0	0.15
CDL15_Pgr024931	55.94	31.86	57.87
CDL15_Pgr025003	4044.02	2173.57	3344.16
CDL15_Pgr025099	17.31	13.36	15.90
CDL15_Pgr025125	19998	44539	44540
CDL15_Pgr025130	44320	0.66	44350
CDL15_Pgr025131	8.00	31199	44235
CDL15_Pgr025146	30376	17930	16862
CDL15_Pgr025149	15432	46419	34759

CDL15_Pgr025155	43282	31168	36312
CDL15_Pgr025247	13.32	17137	44452
CDL15_Pgr025255	34455	28185	24228
CDL15_Pgr025288	0.23	0	0.19
CDL15_Pgr025298	53.89	47.54	52.26
CDL15_Pgr025306	28126	44197	30317
CDL15_Pgr025322	314.00	189.70	260.65
CDL15_Pgr025340	45444	41671	44383
CDL15_Pgr025343	42.81	33.10	39.93
CDL15_Pgr025356	31868	16132	32964
CDL15_Pgr025395	32.06	28.49	30.60
CDL15_Pgr025428	45.21	35.50	42.03
CDL15_Pgr025475	24.94	20.39	25.27
CDL15_Pgr025517	248.27	122.84	218.44
CDL15_Pgr025551	136.92	94.71	131.72
CDL15_Pgr025567	332.23	245.75	323.44
CDL15_Pgr025579	22.96	33451	17.56
CDL15_Pgr025632	0.34	0.23	0.35
CDL15_Pgr025649	21.27	16589	44211
CDL15_Pgr025661	9.00	11810	47362
CDL15_Pgr025677	59.10	46.23	54.51
CDL15_Pgr025724	23.79	11263	21.75
CDL15_Pgr025733	26.27	20.38	27.22
CDL15_Pgr025737	44477	47270	15919
CDL15_Pgr025742	26696	47119	20852
CDL15_Pgr025758	41306	11689	29587
CDL15_Pgr025766	43862	23012	45323
CDL15_Pgr025767	17.38	16.52	44272
CDL15_Pgr025818	0.10	0	0.10
CDL15_Pgr025846	47.73	33.90	47.40
CDL15_Pgr025890	186.37	148.83	182.01
CDL15_Pgr025897	13820	31656	44207
CDL15_Pgr025935	17.33	45444	18.24
CDL15_Pgr025960	103.01	63.54	87.10
CDL15_Pgr026002	18629	0.94	47119

CDL15_Pgr026010	12024	44236	44207
CDL15_Pgr026014	0.65	0.32	0.51
CDL15_Pgr026016	19.88	13820	20.41
CDL15_Pgr026019	19.24	16.21	18.48
CDL15_Pgr026030	32964	14671	44444
CDL15_Pgr026067	0.46	0	0.47
CDL15_Pgr026134	111.32	87.60	103.80
CDL15_Pgr026233	43831	0.70	43831
CDL15_Pgr026282	33573	44206	41974
CDL15_Pgr026287	0.60	0.32	0.48
CDL15_Pgr026353	27668	45931	31321
CDL15_Pgr026374	22.66	17.24	20.63
CDL15_Pgr026412	410.09	305.36	406.00
CDL15_Pgr026423	30895	22068	23224
CDL15_Pgr026503	21671	44201	20576
CDL15_Pgr026599	100.02	95.82	99.35
CDL15_Pgr026631	160.65	120.33	168.53
CDL15_Pgr026648	0.35	0.09	0.27
CDL15_Pgr026660	17.64	44211	17.98
CDL15_Pgr026661	15189	26846	14093
CDL15_Pgr026668	25294	20880	17258
CDL15_Pgr026672	71.28	55.23	68.84
CDL15_Pgr026687	77.27	52.66	75.66
CDL15_Pgr026712	22068	21582	28976
CDL15_Pgr026713	28522	16072	26696
CDL15_Pgr026718	12114	42005	21217
CDL15_Pgr026762	18.83	16.13	18.19
CDL15_Pgr026774	44474	27485	44260
CDL15_Pgr026780	296.35	224.75	289.20
CDL15_Pgr026811	28.22	21.15	25.84
CDL15_Pgr026821	0.55	0.27	0.57
CDL15_Pgr026847	23743	0.72	16072
CDL15_Pgr026861	145.92	83.08	123.92
CDL15_Pgr026954	34394	16497	44200
CDL15_Pgr027036	22920	26512	44470

CDL15_Pgr027058	44471	12785	31048
CDL15_Pgr027072	0.27	0	0.27
CDL15_Pgr027096	0.36	0	0.37
CDL15_Pgr027151	12451	17168	45323
CDL15_Pgr027285	44478	44291	32356
CDL15_Pgr027322	26512	33359	44204
CDL15_Pgr027420	36.13	29.58	35.39
CDL15_Pgr027463	44380	25965	44319
CDL15_Pgr027488	129.23	90.43	116.17
CDL15_Pgr027529	0.46	0.27	0.42
CDL15_Pgr027531	32568	46419	44287
CDL15_Pgr027532	19207	44317	44263
CDL15_Pgr027555	0.77	0.17	0.71
CDL15_Pgr027604	13.45	32112	13.55
CDL15_Pgr027625	24.22	20.33	24.36
CDL15_Pgr027709	0.37	0.15	0.39
CDL15_Pgr027713	252.00	73.89	265.91
CDL15_Pgr027725	0.50	0.12	0.50
CDL15_Pgr027737	44323	23894	44293
CDL15_Pgr027739	20.95	13.94	18.33
CDL15_Pgr027746	44497	20.48	44464
CDL15_Pgr027815	18933	33086	28764
CDL15_Pgr027824	46.00	42.13	46.01
CDL15_Pgr027844	67.85	54.51	69.41
CDL15_Pgr027864	22007	35855	22007
CDL15_Pgr027882	18.18	16.57	44214
CDL15_Pgr027884	45.98	41.75	45.81
CDL15_Pgr027892	17.25	14.93	17.15
CDL15_Pgr027947	0.63	0.20	0.60
CDL15_Pgr027951	0.55	0.05	0.53
CDL15_Pgr027962	15827	17593	42491
CDL15_Pgr027983	16469	45658	41671
CDL15_Pgr028008	16.66	16.19	16.57
CDL15_Pgr028017	21155	29068	25143
CDL15_Pgr028035	81.54	64.65	78.96

CDL15_Pgr028063	28.76	20.94	30.20
CDL15_Pgr028159	12663	33329	19176
CDL15_Pgr028189	17.29	43770	15.91
CDL15_Pgr028227	28.59	19.47	26.36
CDL15_Pgr028234	0.85	0.75	0.84
CDL15_Pgr028321	30.77	21.99	30.70
CDL15_Pgr028342	42.78	29.23	40.10
CDL15_Pgr028355	49.54	32.28	44.17
CDL15_Pgr028363	28764	16984	30560
CDL15_Pgr028383	19725	0.53	20455
CDL15_Pgr028388	38.42	34.21	36.99
CDL15_Pgr028410	44240	14824	25508
CDL15_Pgr028415	13.26	24777	44513
CDL15_Pgr028431	67.80	48.42	60.46
CDL15_Pgr028446	0.45	0	0.47
CDL15_Pgr028458	32478	31291	13.30
CDL15_Pgr028475	23.56	19.54	44430
CDL15_Pgr028512	31.24	22.77	27.96
CDL15_Pgr028545	0.35	0	0.24
CDL15_Pgr028631	32.25	14.71	31.79
CDL15_Pgr028651	44743	44682	44203
CDL15_Pgr028661	0.31	0	0.32
CDL15_Pgr028674	22433	44348	16589
CDL15_Pgr028690	18660	25569	15738
CDL15_Pgr028696	195.58	163.06	187.59
CDL15_Pgr028706	44352	45748	29312
CDL15_Pgr028739	55.79	53.54	55.72
CDL15_Pgr028740	44358	21002	29830
CDL15_Pgr028750	32143	12785	27030
CDL15_Pgr028760	13912	11324	34700
CDL15_Pgr028772	36.35	21.50	31.94
CDL15_Pgr028833	0.52	0	0.36
CDL15_Pgr028871	44440	0.41	0.85
CDL15_Pgr028898	33.05	24.60	44407
CDL15_Pgr028918	32.81	31.15	32.75

CDL15_Pgr028941	0.55	0.13	0.54
CDL15_Pgr028969	229.90	100.61	182.94
CDL15_Pgr029003	51.65	45.93	51.13
CDL15_Pgr029049	19.38	16.33	18.66
CDL15_Pgr029068	314.85	277.40	303.25
CDL15_Pgr029070	27.46	23.56	25.92
CDL15_Pgr029143	14.47	21002	13.33
CDL15_Pgr029155	221.02	195.89	224.28
CDL15_Pgr029157	21.98	18.49	20.77
CDL15_Pgr029172	278.51	213.73	275.03
CDL15_Pgr029198	14.17	44266	14.17
CDL15_Pgr000072	0.10	0.07	0
CDL15_Pgr000095	1.00	0.77	0.15
CDL15_Pgr000131	43132	33970	0.63
CDL15_Pgr000154	17319	11049	0.60
CDL15_Pgr000176	30.42	22.76	15.53
CDL15_Pgr000180	32813	41548	44537
CDL15_Pgr000182	17654	20911	44350
CDL15_Pgr000197	0.15	0.08	0
CDL15_Pgr000234	104.31	86.69	75.21
CDL15_Pgr000255	33635	27426	13547
CDL15_Pgr000257	0.20	0.10	0
CDL15_Pgr000303	31686	21398	20880
CDL15_Pgr000311	13.36	26573	17715
CDL15_Pgr000313	0.56	0.25	0.05
CDL15_Pgr000351	44552	21.32	44457
CDL15_Pgr000394	44249	26512	0.74
CDL15_Pgr000450	44318	11324	0
CDL15_Pgr000463	21.54	18.45	15.50
CDL15_Pgr000468	44317	0.88	0.27
CDL15_Pgr000486	21916	44440	0.73
CDL15_Pgr000501	15.41	14154	27120
CDL15_Pgr000503	72.85	65.81	57.85
CDL15_Pgr000510	17411	26481	42491
CDL15_Pgr000515	0.55	0.25	0

CDL15_Pgr000522	45413	31868	31444
CDL15_Pgr000652	0.81	0.47	0
CDL15_Pgr000656	49.88	38.53	31.99
CDL15_Pgr000660	46143	30348	15342
CDL15_Pgr000668	24990	13667	42522
CDL15_Pgr000697	222.69	175.94	133.69
CDL15_Pgr000733	0.33	0.19	0
CDL15_Pgr000735	31.19	25.38	18.38
CDL15_Pgr000750	46419	23743	44501
CDL15_Pgr000764	44380	24108	0.38
CDL15_Pgr000882	175.27	155.29	132.12
CDL15_Pgr000904	12420	0.55	0.06
CDL15_Pgr000905	64.81	58.30	39.43
CDL15_Pgr000972	44430	32813	19085
CDL15_Pgr000982	45017	29952	0.25
CDL15_Pgr001018	14.85	13.79	18233
CDL15_Pgr001087	14154	44413	23012
CDL15_Pgr001125	91.17	64.57	43.51
CDL15_Pgr001140	27089	30682	0
CDL15_Pgr001163	18629	43831	0.82
CDL15_Pgr001191	32325	14032	30011
CDL15_Pgr001198	0.39	0.33	0.16
CDL15_Pgr001213	102.46	51.48	22951
CDL15_Pgr001224	18.37	15.81	44417
CDL15_Pgr001234	36.82	33.50	44548
CDL15_Pgr001235	1142.25	1063.07	805.58
CDL15_Pgr001246	44351	45352	27030
CDL15_Pgr001267	0.20	0.14	0.10
CDL15_Pgr001280	30348	21217	44410
CDL15_Pgr001316	44199	12816	21551
CDL15_Pgr001319	58.23	54.34	45.35
CDL15_Pgr001323	44428	18.18	14.29
CDL15_Pgr001345	44223	26.54	44493
CDL15_Pgr001356	28946	17989	46113
CDL15_Pgr001391	0.56	0.45	0.23

CDL15_Pgr001426	0.47	0.44	0.35
CDL15_Pgr001479	0.81	0.58	0.12
CDL15_Pgr001502	24.29	44330	35521
CDL15_Pgr001529	0.21	0.12	0.06
CDL15_Pgr001552	14305	44288	0
CDL15_Pgr001569	44.84	40.93	35.17
CDL15_Pgr001576	0.70	0.30	0
CDL15_Pgr001585	416.75	363.23	326.29
CDL15_Pgr001590	108.37	101.84	95.88
CDL15_Pgr001591	16893	41334	44197
CDL15_Pgr001604	0.85	0.60	0.26
CDL15_Pgr001608	41944	45931	22890
CDL15_Pgr001623	64.80	59.04	44.08
CDL15_Pgr001634	14336	44200	43497
CDL15_Pgr001640	94.49	72.03	57.70
CDL15_Pgr001661	42339	44355	44317
CDL15_Pgr001665	30.14	44403	16.90
CDL15_Pgr001675	19784	44257	0.34
CDL15_Pgr001676	527.02	422.76	359.64
CDL15_Pgr001680	14.98	41609	44265
CDL15_Pgr001728	0.33	0.19	0
CDL15_Pgr001740	14001	44504	27426
CDL15_Pgr001746	0.17	0.11	0
CDL15_Pgr001766	101.74	98.02	92.03
CDL15_Pgr001786	0.75	0.60	0.49
CDL15_Pgr001790	45231	28369	34182
CDL15_Pgr001824	88.17	76.84	64.14
CDL15_Pgr001863	44461	16.23	27364
CDL15_Pgr001883	0.53	0.41	0.34
CDL15_Pgr001890	31.93	24.46	13.84
CDL15_Pgr001891	44256	0.97	0.79
CDL15_Pgr001900	18.81	17.29	13.68
CDL15_Pgr001933	0.35	0.29	0.20
CDL15_Pgr001947	293.18	267.19	175.38
CDL15_Pgr001969	26390	42461	0.81

CDL15_Pgr001986	23.65	22.85	16.32
CDL15_Pgr002007	1315.52	880.88	560.81
CDL15_Pgr002012	17.28	14.43	26207
CDL15_Pgr002033	71.57	54.98	40.36
CDL15_Pgr002062	41306	20090	0
CDL15_Pgr002069	195.50	192.71	173.27
CDL15_Pgr002086	32417	27273	33086
CDL15_Pgr002088	24.80	20.23	17.31
CDL15_Pgr002106	15342	0.72	0.20
CDL15_Pgr002117	0.35	0.27	0.14
CDL15_Pgr002125	32540	25965	27030
CDL15_Pgr002135	0.63	0.42	0
CDL15_Pgr002141	0.38	0.26	0.07
CDL15_Pgr002142	29768	23833	29252
CDL15_Pgr002146	44349	44562	0.56
CDL15_Pgr002153	1399.10	1243.07	662.75
CDL15_Pgr002157	49.96	46.01	32.01
CDL15_Pgr002174	33878	12905	44501
CDL15_Pgr002180	44440	0.64	0.15
CDL15_Pgr002181	73.56	50.00	32.18
CDL15_Pgr002189	69.72	66.32	56.31
CDL15_Pgr002203	18.19	13.56	24959
CDL15_Pgr002226	46966	30133	46935
CDL15_Pgr002230	32905	20455	0.23
CDL15_Pgr002238	43101	0.84	0.17
CDL15_Pgr002296	41.18	33.65	27.22
CDL15_Pgr002297	0.81	0.74	0.23
CDL15_Pgr002346	32874	31048	16072
CDL15_Pgr002366	28126	0.86	0.18
CDL15_Pgr002371	34731	42736	0.07
CDL15_Pgr002400	19.23	13.24	26908
CDL15_Pgr002414	236.72	209.69	133.51
CDL15_Pgr002417	234.18	211.28	181.73
CDL15_Pgr002438	498.45	391.50	256.38
CDL15_Pgr002460	44.95	44.35	40.41

CDL15_Pgr002463	39.86	35.83	22.79
CDL15_Pgr002477	70.58	63.96	53.89
CDL15_Pgr002485	226.79	180.03	101.84
CDL15_Pgr002499	135.55	115.57	103.85
CDL15_Pgr002633	14.46	44359	11232
CDL15_Pgr002643	23437	44199	11355
CDL15_Pgr002653	16132	33270	23377
CDL15_Pgr002760	20090	46023	0.58
CDL15_Pgr002761	0.34	0.19	0.05
CDL15_Pgr002784	253.21	230.44	177.34
CDL15_Pgr002839	45170	46600	14732
CDL15_Pgr002858	33208	33543	44356
CDL15_Pgr002889	512.17	449.00	368.49
CDL15_Pgr002895	36192	42036	22282
CDL15_Pgr002919	0.39	0.30	0
CDL15_Pgr002930	30.17	28.72	27.68
CDL15_Pgr002934	28246	24139	0.40
CDL15_Pgr002935	46296	44264	43647
CDL15_Pgr002936	27.34	24.38	20.28
CDL15_Pgr002945	11871	16589	29342
CDL15_Pgr002973	43709	43313	28216
CDL15_Pgr002977	37.85	26.99	28795
CDL15_Pgr003004	88.70	75.36	64.46
CDL15_Pgr003005	33.78	20.43	28430
CDL15_Pgr003015	30468	34759	46023
CDL15_Pgr003019	45717	34731	0.82
CDL15_Pgr003020	28946	16862	41306
CDL15_Pgr003027	26665	16072	0
CDL15_Pgr003049	0.46	0.23	0.08
CDL15_Pgr003054	31656	17349	26785
CDL15_Pgr003059	37.76	33.60	25781
CDL15_Pgr003116	44417	27607	44044
CDL15_Pgr003117	16834	12420	0.25
CDL15_Pgr003137	41275	0.44	0
CDL15_Pgr003161	31229	25689	44287

CDL15_Pgr003173	0.84	0.77	0.29
CDL15_Pgr003179	18384	28522	0.83
CDL15_Pgr003189	22494	44261	16163
CDL15_Pgr003203	134.01	119.71	84.87
CDL15_Pgr003204	211.17	177.69	147.24
CDL15_Pgr003208	0.35	0.18	0
CDL15_Pgr003217	186.97	180.13	150.30
CDL15_Pgr003256	16.99	14.72	15676
CDL15_Pgr003273	12844	43132	12420
CDL15_Pgr003274	84.30	81.08	58.54
CDL15_Pgr003304	0.28	0.20	0.10
CDL15_Pgr003313	34121	34394	30682
CDL15_Pgr003317	136.59	69.67	29.95
CDL15_Pgr003326	206.25	164.32	137.93
CDL15_Pgr003368	33117	45839	18749
CDL15_Pgr003374	42.17	40.91	35.74
CDL15_Pgr003375	21245	35065	0.57
CDL15_Pgr003399	0.22	0.14	0.05
CDL15_Pgr003418	21.63	44453	24654
CDL15_Pgr003422	17564	20821	0.95
CDL15_Pgr003424	29860	28734	33420
CDL15_Pgr003470	19419	27791	34700
CDL15_Pgr003501	44256	25204	0.25
CDL15_Pgr003519	30.47	22.56	16.14
CDL15_Pgr003534	20.17	18.23	44515
CDL15_Pgr003548	27.39	25.15	22494
CDL15_Pgr003563	88.95	70.56	51.39
CDL15_Pgr003564	32.93	23.88	17.54
CDL15_Pgr003598	44289	41306	0
CDL15_Pgr003610	26.41	44371	21.50
CDL15_Pgr003612	64.71	57.79	44.92
CDL15_Pgr003630	46082	26299	0.31
CDL15_Pgr003640	150.99	145.56	136.08
CDL15_Pgr003641	17.80	44485	13485
CDL15_Pgr003658	23.15	22.41	20.19

CDL15_Pgr003673	0.66	0.40	0.20
CDL15_Pgr003678	35370	35704	45200
CDL15_Pgr003745	970.14	868.13	771.16
CDL15_Pgr003764	13.33	16772	34578
CDL15_Pgr003812	50.54	21.23	44351
CDL15_Pgr003814	15615	44075	14093
CDL15_Pgr003825	39.65	37.98	32.66
CDL15_Pgr003848	41.26	33.67	44406
CDL15_Pgr003862	14277	28491	0.76
CDL15_Pgr003889	33970	23377	44197
CDL15_Pgr003927	16.93	32813	12632
CDL15_Pgr003970	69.70	54.70	36.37
CDL15_Pgr003972	133.94	128.57	98.86
CDL15_Pgr003977	66.01	29.30	34881
CDL15_Pgr003983	38.29	23.65	13.72
CDL15_Pgr003984	46722	43647	41365
CDL15_Pgr003986	44409	0.91	0.78
CDL15_Pgr003995	68.19	41.16	20.19
CDL15_Pgr004063	21276	44986	29952
CDL15_Pgr004066	41365	44412	33298
CDL15_Pgr004071	15.34	44211	44453
CDL15_Pgr004104	29252	43497	23012
CDL15_Pgr004116	16438	0.72	0.15
CDL15_Pgr004136	13547	44198	0.67
CDL15_Pgr004137	44713	41699	0.50
CDL15_Pgr004230	44270	14.19	25143
CDL15_Pgr004231	13150	0.97	0.55
CDL15_Pgr004247	96.44	89.96	79.85
CDL15_Pgr004255	25.57	23.67	22.50
CDL15_Pgr004264	19391	17533	0.76
CDL15_Pgr004265	224.93	213.17	193.81
CDL15_Pgr004287	44652	20455	0
CDL15_Pgr004289	0.63	0.51	0.25
CDL15_Pgr004311	20.26	15.94	23712
CDL15_Pgr004328	33.39	32.59	31.86

CDL15_Pgr004331	16619	19054	0.27
CDL15_Pgr004350	19.90	15.84	13.48
CDL15_Pgr004355	13516	0.74	0
CDL15_Pgr004367	37.61	31.56	24.50
CDL15_Pgr004376	41579	44266	24016
CDL15_Pgr004378	0.32	0.16	0
CDL15_Pgr004381	0.86	0.43	0
CDL15_Pgr004382	90.64	71.38	54.82
CDL15_Pgr004392	44713	20576	20546
CDL15_Pgr004405	130.90	84.66	56.51
CDL15_Pgr004448	64.98	35.99	44363
CDL15_Pgr004535	15067	35096	44410
CDL15_Pgr004549	15189	29037	20241
CDL15_Pgr004550	44231	27820	42795
CDL15_Pgr004566	46784	44441	26299
CDL15_Pgr004590	16834	11720	44197
CDL15_Pgr004593	34700	27030	12785
CDL15_Pgr004597	124.78	95.83	34.23
CDL15_Pgr004608	0.46	0.23	0
CDL15_Pgr004654	102.73	86.23	55.02
CDL15_Pgr004662	33543	22859	44380
CDL15_Pgr004692	12571	34425	13181
CDL15_Pgr004714	0.94	0.81	0
CDL15_Pgr004733	31.69	25.24	44550
CDL15_Pgr004747	0.78	0.39	0
CDL15_Pgr004759	0.51	0.46	0.24
CDL15_Pgr004760	0.17	0.08	0
CDL15_Pgr004763	19480	42461	18660
CDL15_Pgr004815	44380	26299	0.89
CDL15_Pgr004833	64.04	48.02	38.03
CDL15_Pgr004855	185.68	151.12	111.21
CDL15_Pgr004860	0.71	0.50	0.31
CDL15_Pgr004865	107.13	74.61	42.26
CDL15_Pgr004877	98.20	64.89	25.51
CDL15_Pgr004895	108.26	104.17	95.80

CDL15_Pgr004900	604.37	557.80	263.20
CDL15_Pgr004936	0.11	0.08	0
CDL15_Pgr004937	27.86	19.79	13.98
CDL15_Pgr004975	731.64	541.78	287.66
CDL15_Pgr004979	21855	44323	41365
CDL15_Pgr005026	27820	15766	27426
CDL15_Pgr005028	21.97	20.96	14.76
CDL15_Pgr005117	44529	21.91	17.69
CDL15_Pgr005155	41730	44621	31778
CDL15_Pgr005172	44423	13789	16984
CDL15_Pgr005185	44232	19054	13516
CDL15_Pgr005188	72.24	51.59	36495
CDL15_Pgr005221	18.31	24351	34366
CDL15_Pgr005277	11658	16589	34731
CDL15_Pgr005283	47.65	45.13	33.00
CDL15_Pgr005313	26.14	24.57	20.17
CDL15_Pgr005314	44412	34759	41334
CDL15_Pgr005315	0.61	0.40	0.21
CDL15_Pgr005356	36495	21125	24381
CDL15_Pgr005366	13.87	13.35	20059
CDL15_Pgr005372	0.70	0.32	0
CDL15_Pgr005376	44421	11293	28338
CDL15_Pgr005380	176.04	173.70	155.67
CDL15_Pgr005407	229.46	129.82	64.40
CDL15_Pgr005457	23.80	16.57	16984
CDL15_Pgr005494	24108	0.83	0
CDL15_Pgr005496	0.33	0.21	0.06
CDL15_Pgr005515	0.76	0.36	0
CDL15_Pgr005517	11689	0.95	0
CDL15_Pgr005579	26.22	44307	15.41
CDL15_Pgr005611	31017	42248	31929
CDL15_Pgr005615	14.39	24624	46054
CDL15_Pgr005637	25.20	22.55	19.40
CDL15_Pgr005640	0.73	0.64	0.14
CDL15_Pgr005649	28887	22678	15008

CDL15_Pgr005652	140.39	135.29	125.44
CDL15_Pgr005665	166.68	114.54	80.30
CDL15_Pgr005669	93.71	67.13	49.08
CDL15_Pgr005671	21367	44383	33664
CDL15_Pgr005685	258.13	222.48	132.79
CDL15_Pgr005690	44207	21702	3.00
CDL15_Pgr005698	15.28	14.30	25173
CDL15_Pgr005723	241.33	142.41	70.96
CDL15_Pgr005730	32.51	22.48	15.59
CDL15_Pgr005732	13150	0.77	0
CDL15_Pgr005741	0.56	0.51	0.17
CDL15_Pgr005746	32174	23743	0.78
CDL15_Pgr005752	44593	44409	0.28
CDL15_Pgr005760	44366	13.53	23863
CDL15_Pgr005781	0.61	0.35	0
CDL15_Pgr005826	22.89	13.87	18749
CDL15_Pgr005832	0.47	0.24	0
CDL15_Pgr005844	30.72	25.79	25903
CDL15_Pgr005857	19937	7.00	34060
CDL15_Pgr005861	80.26	70.51	60.84
CDL15_Pgr005871	44471	2.00	29587
CDL15_Pgr005895	22678	26299	43101
CDL15_Pgr005914	43525	30713	21582
CDL15_Pgr005934	66.13	63.49	60.81
CDL15_Pgr005955	14427	33359	42095
CDL15_Pgr005956	18.94	16.26	33817
CDL15_Pgr005958	15.30	14.59	13.86
CDL15_Pgr006004	0.47	0.21	0.02
CDL15_Pgr006008	379.93	334.10	240.94
CDL15_Pgr006013	17624	46113	46447
CDL15_Pgr006049	22737	13241	25263
CDL15_Pgr006065	31503	20880	14277
CDL15_Pgr006067	0.83	0.32	0
CDL15_Pgr006070	37.79	36.77	44406
CDL15_Pgr006083	62.19	60.22	53.45

CDL15_Pgr006093	44202	23132	13636
CDL15_Pgr006095	181.79	131.51	75.12
CDL15_Pgr006111	0.76	0.38	0
CDL15_Pgr006140	720.99	556.53	412.73
CDL15_Pgr006152	24838	44531	0.58
CDL15_Pgr006157	61.30	58.05	52.04
CDL15_Pgr006164	13940	18660	27395
CDL15_Pgr006169	247.65	213.09	184.70
CDL15_Pgr006170	97.45	78.04	63.10
CDL15_Pgr006188	23712	26604	11.00
CDL15_Pgr006277	397.67	306.95	169.38
CDL15_Pgr006299	25508	45200	35643
CDL15_Pgr006319	657.39	596.42	512.30
CDL15_Pgr006343	132.87	119.59	107.12
CDL15_Pgr006384	84.11	48.02	32417
CDL15_Pgr006453	27.39	24.52	19.33
CDL15_Pgr006477	36.06	33.79	20.74
CDL15_Pgr006489	66.74	62.90	60.22
CDL15_Pgr006550	0.30	0.25	0.05
CDL15_Pgr006582	225.34	97.50	0.80
CDL15_Pgr006591	42.84	30.67	22.65
CDL15_Pgr006612	562.10	512.45	365.49
CDL15_Pgr006614	27.55	17.49	14489
CDL15_Pgr006622	48.77	33.30	19.92
CDL15_Pgr006651	14.34	34881	44287
CDL15_Pgr006687	0.50	0.25	0
CDL15_Pgr006732	74.70	70.19	55.28
CDL15_Pgr006842	6.00	20880	0.77
CDL15_Pgr006859	29.16	25.87	17.95
CDL15_Pgr006879	43.47	41.24	38.73
CDL15_Pgr006885	80.05	76.95	69.46
CDL15_Pgr006886	114.04	93.19	71.40
CDL15_Pgr006901	51.03	47.53	44.23
CDL15_Pgr006920	19391	44471	0.63
CDL15_Pgr006932	43.91	39.55	34.52

CDL15_Pgr006957	21217	44502	25569
CDL15_Pgr006972	21.19	15.69	20972
CDL15_Pgr006994	0.88	0.69	0.26
CDL15_Pgr007015	14977	0.72	0.29
CDL15_Pgr007016	55.35	30.17	13.76
CDL15_Pgr007021	0.27	0.18	0
CDL15_Pgr007030	104.80	86.70	36.22
CDL15_Pgr007039	80.59	69.79	56.55
CDL15_Pgr007066	44835	44774	17685
CDL15_Pgr007088	38.51	37.65	34.74
CDL15_Pgr007089	40.20	38.68	44347
CDL15_Pgr007090	47119	0.96	0
CDL15_Pgr007093	44355	44321	44442
CDL15_Pgr007097	43497	24473	0.91
CDL15_Pgr007099	26.85	24.44	44303
CDL15_Pgr007110	24.23	21.96	19.62
CDL15_Pgr007126	23802	25235	44198
CDL15_Pgr007129	15827	45689	0.27
CDL15_Pgr007151	147.61	115.74	89.64
CDL15_Pgr007173	96.53	83.01	68.78
CDL15_Pgr007188	22098	15462	16862
CDL15_Pgr007195	44229	20090	0.82
CDL15_Pgr007204	44238	19633	35247
CDL15_Pgr007227	25842	17654	0.94
CDL15_Pgr007279	47.84	37.85	32.08
CDL15_Pgr007304	0.71	0.35	0
CDL15_Pgr007313	49.52	32.50	14.80
CDL15_Pgr007382	0.45	0.35	0.26
CDL15_Pgr007395	21.38	20.98	20.40
CDL15_Pgr007420	19.73	18.84	15.66
CDL15_Pgr007426	25447	34820	34731
CDL15_Pgr007489	20607	13302	29342
CDL15_Pgr007500	28338	14793	46143
CDL15_Pgr007512	78.79	63.01	53.10
CDL15_Pgr007566	0.68	0.47	0.09

CDL15_Pgr007601	69.44	63.54	58.85
CDL15_Pgr007613	13.67	11293	46661
CDL15_Pgr007616	16.84	15.36	13.33
CDL15_Pgr007626	14.41	30286	29860
CDL15_Pgr007627	12663	44448	29434
CDL15_Pgr007649	41.59	37.70	26.20
CDL15_Pgr007655	33.85	27.84	20.78
CDL15_Pgr007661	21916	0.62	0
CDL15_Pgr007676	28.43	24.69	21.14
CDL15_Pgr007681	0.18	0.14	0
CDL15_Pgr007712	31260	31837	0.22
CDL15_Pgr007714	34335	16072	0.30
CDL15_Pgr007715	0.20	0.10	0
CDL15_Pgr007716	155.05	150.41	145.25
CDL15_Pgr007741	43313	25355	0.59
CDL15_Pgr007746	0.42	0.18	0
CDL15_Pgr007784	34.03	32.56	23.58
CDL15_Pgr007787	0.51	0.34	0.05
CDL15_Pgr007809	33.29	30.29	25.70
CDL15_Pgr007816	24.72	44453	15128
CDL15_Pgr007849	46447	44349	0.90
CDL15_Pgr007857	38.10	33.41	29.69
CDL15_Pgr007859	17.23	13.36	15950
CDL15_Pgr007891	43.53	38.91	35.24
CDL15_Pgr007895	29037	30834	16862
CDL15_Pgr007904	91.73	78.19	62.63
CDL15_Pgr007911	12175	34790	45717
CDL15_Pgr007920	16862	12055	0
CDL15_Pgr007926	19054	32143	0.93
CDL15_Pgr007942	37.95	33.72	27.85
CDL15_Pgr007949	28.50	17.74	44478
CDL15_Pgr007954	27.42	20.37	14.31
CDL15_Pgr007983	18050	11414	25600
CDL15_Pgr008028	21033	27485	29221
CDL15_Pgr008029	44835	20302	30803

CDL15_Pgr008033	173.53	154.04	134.75
CDL15_Pgr008052	44492	20.79	17.91
CDL15_Pgr008053	0.21	0.10	0
CDL15_Pgr008055	0.66	0.49	0.34
CDL15_Pgr008120	27.58	21.92	18.18
CDL15_Pgr008161	62.26	39.85	16.74
CDL15_Pgr008222	34001	24473	0.76
CDL15_Pgr008229	44288	29587	19725
CDL15_Pgr008251	14977	47119	0.90
CDL15_Pgr008287	41275	0.44	0
CDL15_Pgr008374	5.00	31107	46753
CDL15_Pgr008382	48.98	48.19	44.52
CDL15_Pgr008385	13.79	13058	44384
CDL15_Pgr008404	20.52	13.89	21702
CDL15_Pgr008425	171.55	148.50	106.59
CDL15_Pgr008431	85.63	41.41	22433
CDL15_Pgr008435	22.59	13.94	14793
CDL15_Pgr008451	319.24	274.11	182.38
CDL15_Pgr008457	22341	22678	12055
CDL15_Pgr008476	21551	44256	0
CDL15_Pgr008480	21732	27546	22313
CDL15_Pgr008502	54.61	51.40	43.20
CDL15_Pgr008509	58.15	52.30	40.83
CDL15_Pgr008519	16072	0.97	0.55
CDL15_Pgr008520	71.27	62.09	48.15
CDL15_Pgr008521	22.27	44501	27089
CDL15_Pgr008535	44513	25538	15676
CDL15_Pgr008569	85.97	67.39	29.50
CDL15_Pgr008570	22282	42736	0.56
CDL15_Pgr008576	383.62	373.06	352.74
CDL15_Pgr008594	26268	45231	27638
CDL15_Pgr008747	21.52	20.91	19.93
CDL15_Pgr008755	16.17	14.94	17015
CDL15_Pgr008757	35.65	31.51	20.60
CDL15_Pgr008762	0.74	0.54	0.28

CDL15_Pgr008773	23.88	21.96	18.81
CDL15_Pgr008774	0.32	0.22	0.14
CDL15_Pgr008823	0.43	0.36	0.22
CDL15_Pgr008824	58.64	54.60	51.69
CDL15_Pgr008825	17989	27061	0.80
CDL15_Pgr008826	111.55	84.15	17.72
CDL15_Pgr008846	18.22	17.63	15.84
CDL15_Pgr008849	19511	28611	32203
CDL15_Pgr008883	0.25	0.19	0.06
CDL15_Pgr008884	85.68	72.31	58.76
CDL15_Pgr008890	26.31	22.21	18.60
CDL15_Pgr008897	33.73	29.69	20.20
CDL15_Pgr008911	15462	43556	0
CDL15_Pgr008951	47.04	31.86	14.34
CDL15_Pgr008952	21.58	18.43	15.83
CDL15_Pgr008972	33970	0.78	0.08
CDL15_Pgr008986	44532	17533	0.58
CDL15_Pgr008988	29.92	44456	21398
CDL15_Pgr009002	14.39	13.61	27334
CDL15_Pgr009087	0.40	0.30	0.22
CDL15_Pgr009097	42036	0.91	0
CDL15_Pgr009106	95.64	84.83	65.80
CDL15_Pgr009168	0.11	0.06	0
CDL15_Pgr009176	44455	41609	43344
CDL15_Pgr009218	53.99	51.28	42.93
CDL15_Pgr009232	151.25	136.48	82.04
CDL15_Pgr009245	44558	27.69	26.72
CDL15_Pgr009313	128.97	112.12	66.96
CDL15_Pgr009314	0.36	0.31	0.03
CDL15_Pgr009330	44364	13.86	30834
CDL15_Pgr009331	16681	32690	13667
CDL15_Pgr009353	23.54	18.34	45474
CDL15_Pgr009355	44.91	23.27	44805
CDL15_Pgr009415	31778	11689	0.84
CDL15_Pgr009425	45.21	33.49	23.15

CDL15_Pgr009428	857.10	644.53	363.92
CDL15_Pgr009451	45.89	34.77	14.43
CDL15_Pgr009492	28.88	20.33	42675
CDL15_Pgr009502	14.37	44240	31352
CDL15_Pgr009504	42036	16072	0.97
CDL15_Pgr009531	16.86	16.15	15.19
CDL15_Pgr009548	49.25	31.57	21855
CDL15_Pgr009559	201.29	187.84	147.27
CDL15_Pgr009571	51.50	45.11	31.73
CDL15_Pgr009580	0.45	0.23	0
CDL15_Pgr009595	29618	14277	33970
CDL15_Pgr009602	434.11	369.19	170.07
CDL15_Pgr009612	0.95	0.90	0.74
CDL15_Pgr009632	17989	12479	35065
CDL15_Pgr009640	19.13	19238	42767
CDL15_Pgr009646	32112	30895	46905
CDL15_Pgr009654	33939	25508	19207
CDL15_Pgr009662	44531	0.51	0.06
CDL15_Pgr009672	22828	24929	44257
CDL15_Pgr009675	46327	34547	14032
CDL15_Pgr009680	0.40	0.26	0
CDL15_Pgr009686	58.26	38.57	42278
CDL15_Pgr009690	75.35	63.82	23.26
CDL15_Pgr009699	30042	44258	22647
CDL15_Pgr009723	77.65	59.22	37.31
CDL15_Pgr009727	27120	21582	1.00
CDL15_Pgr009729	13.81	14062	30317
CDL15_Pgr009790	30.13	19.28	14793
CDL15_Pgr009791	0.16	0.10	0.06
CDL15_Pgr009798	0.18	0.14	0
CDL15_Pgr009839	53.93	51.00	42.50
CDL15_Pgr009848	26054	11444	35521
CDL15_Pgr009858	15.92	13.56	20394
CDL15_Pgr009867	102.53	98.75	95.58
CDL15_Pgr009871	645.68	630.65	594.77

CDL15_Pgr009872	35827	43831	0.12
CDL15_Pgr009884	48.37	40.68	24807
CDL15_Pgr009891	17715	7.00	14336
CDL15_Pgr009904	43497	35796	30317
CDL15_Pgr009921	31.81	25.95	15.61
CDL15_Pgr009995	0.27	0.16	0.08
CDL15_Pgr010018	21186	44562	0.66
CDL15_Pgr010081	21763	19146	46844
CDL15_Pgr010118	20852	0.99	0
CDL15_Pgr010127	39.96	30.30	44517
CDL15_Pgr010190	32325	45778	19725
CDL15_Pgr010198	47.79	44.25	37.94
CDL15_Pgr010211	16103	28126	44562
CDL15_Pgr010223	0.40	0.36	0.08
CDL15_Pgr010228	49.93	46.82	38.74
CDL15_Pgr010285	32295	12175	42461
CDL15_Pgr010289	35462	14977	0.36
CDL15_Pgr010290	31778	0.87	0
CDL15_Pgr010293	16.15	35400	32752
CDL15_Pgr010314	0.33	0.25	0
CDL15_Pgr010327	25.70	21.92	17.88
CDL15_Pgr010352	173.96	147.32	107.98
CDL15_Pgr010359	42.72	34.20	27.59
CDL15_Pgr010370	14.27	13.88	45231
CDL15_Pgr010378	34516	26390	32174
CDL15_Pgr010407	26.31	24.84	23.78
CDL15_Pgr010421	33604	0.92	0
CDL15_Pgr010525	224.08	143.13	85.69
CDL15_Pgr010600	19937	44233	46844
CDL15_Pgr010602	26.46	16.77	11110
CDL15_Pgr010609	13.98	17046	31079
CDL15_Pgr010611	48.88	46.58	33.07
CDL15_Pgr010630	30.21	44398	44447
CDL15_Pgr010658	0.57	0.23	0
CDL15_Pgr010700	19.57	19.32	44458

CDL15_Pgr010765	0.92	0.39	0
CDL15_Pgr010778	31.69	44226	28.99
CDL15_Pgr010784	0.67	0.50	0.35
CDL15_Pgr010802	0.85	0.47	0.19
CDL15_Pgr010810	14.26	44208	44538
CDL15_Pgr010851	27395	0.65	0
CDL15_Pgr010874	44355	27942	11110
CDL15_Pgr010906	19815	44533	0.42
CDL15_Pgr010934	24898	41334	18295
CDL15_Pgr010964	17.51	15.23	32234
CDL15_Pgr010991	44256	0.69	0.03
CDL15_Pgr011020	910.15	456.45	150.31
CDL15_Pgr011021	252.15	212.57	74.21
CDL15_Pgr011028	224.93	187.11	97.49
CDL15_Pgr011036	44450	42125	44287
CDL15_Pgr011044	13.64	44448	5.00
CDL15_Pgr011067	14336	34731	12785
CDL15_Pgr011097	45717	44411	26696
CDL15_Pgr011109	33664	17593	17930
CDL15_Pgr011133	458.06	427.26	396.63
CDL15_Pgr011195	78.67	55.79	42.17
CDL15_Pgr011215	26.98	21.88	44044
CDL15_Pgr011220	45717	22647	0
CDL15_Pgr011223	41.36	35.49	26.61
CDL15_Pgr011224	25934	0.75	0
CDL15_Pgr011256	65.79	57.07	51.63
CDL15_Pgr011274	44445	22767	31837
CDL15_Pgr011334	13697	33756	28946
CDL15_Pgr011343	44621	41671	0.57
CDL15_Pgr011354	16834	12086	13881
CDL15_Pgr011363	0.89	0.47	0.18
CDL15_Pgr011364	44209	22981	45627
CDL15_Pgr011406	511.55	399.59	321.95
CDL15_Pgr011417	44409	0.63	0.22
CDL15_Pgr011428	25720	29707	14702

CDL15_Pgr011430	26.96	17.96	15220
CDL15_Pgr011443	0.64	0.24	0
CDL15_Pgr011465	0.84	0.73	0.42
CDL15_Pgr011468	44501	0.81	0.38
CDL15_Pgr011508	0.67	0.59	0.16
CDL15_Pgr011526	15.40	19299	47362
CDL15_Pgr011530	1948.34	1338.49	681.54
CDL15_Pgr011537	14.90	13.86	12206
CDL15_Pgr011538	0.68	0.61	0.52
CDL15_Pgr011546	0.82	0.32	0
CDL15_Pgr011553	24929	43191	20515
CDL15_Pgr011564	35431	18994	43466
CDL15_Pgr011567	20.83	17.83	14.14
CDL15_Pgr011575	13.97	28764	16285
CDL15_Pgr011717	0.76	0.60	0.45
CDL15_Pgr011737	0.72	0.40	0.19
CDL15_Pgr011772	48.49	43.69	34.50
CDL15_Pgr011821	0.60	0.30	0.05
CDL15_Pgr011822	0.34	0.17	0
CDL15_Pgr011839	11293	27973	26785
CDL15_Pgr011855	0.31	0.18	0.09
CDL15_Pgr011867	24320	46569	11841
CDL15_Pgr011868	42.34	34.34	23.69
CDL15_Pgr011876	234.89	180.47	144.08
CDL15_Pgr011887	0.38	0.26	0
CDL15_Pgr011917	36220	11018	21217
CDL15_Pgr011924	47.23	27.84	35309
CDL15_Pgr011935	16224	11049	3.00
CDL15_Pgr011937	0.36	0.29	0.22
CDL15_Pgr011938	34121	17685	16923
CDL15_Pgr011963	41883	8.00	25355
CDL15_Pgr012017	42430	32540	19360
CDL15_Pgr012039	1.00	0.76	0.09
CDL15_Pgr012040	17137	44481	28795
CDL15_Pgr012050	77.41	74.68	60.84

CDL15_Pgr012054	61.36	58.79	53.63
CDL15_Pgr012066	20.93	44332	47392
CDL15_Pgr012069	18.64	44480	35096
CDL15_Pgr012091	0.84	0.68	0.58
CDL15_Pgr012110	285.66	170.86	104.73
CDL15_Pgr012112	37.19	32.78	28.51
CDL15_Pgr012117	0.15	0.10	0
CDL15_Pgr012166	33512	18537	44205
CDL15_Pgr012168	35521	44381	24504
CDL15_Pgr012174	188.46	162.70	139.78
CDL15_Pgr012177	73.61	63.58	49.31
CDL15_Pgr012217	12875	29281	43160
CDL15_Pgr012218	34516	16954	23802
CDL15_Pgr012242	290.22	157.60	44.10
CDL15_Pgr012315	56.54	46.41	37.93
CDL15_Pgr012324	24320	36281	47209
CDL15_Pgr012334	46753	0.85	0.37
CDL15_Pgr012354	110.70	73.05	36.71
CDL15_Pgr012443	20576	11383	44197
CDL15_Pgr012457	0.68	0.35	0
CDL15_Pgr012507	86.97	76.47	26.64
CDL15_Pgr012539	0.20	0.10	0
CDL15_Pgr012546	16.29	44270	12966
CDL15_Pgr012567	44290	34001	18264
CDL15_Pgr012578	37.60	25.24	44267
CDL15_Pgr012582	41640	0.98	0
CDL15_Pgr012613	0.53	0.42	0.18
CDL15_Pgr012617	75.78	65.63	55.89
CDL15_Pgr012695	13.48	23712	29160
CDL15_Pgr012696	53.24	35.43	21.43
CDL15_Pgr012698	44335	15.77	13.18
CDL15_Pgr012706	27364	20729	44322
CDL15_Pgr012772	177.31	160.07	123.24
CDL15_Pgr012778	44380	26665	0.52
CDL15_Pgr012796	20880	28157	44441

CDL15_Pgr012801	35.72	34.66	32.47
CDL15_Pgr012811	0.23	0.15	0.03
CDL15_Pgr012843	11079	31138	11749
CDL15_Pgr012888	0.83	0.56	0.07
CDL15_Pgr012901	34243	15220	24654
CDL15_Pgr012903	43282	31533	44260
CDL15_Pgr012929	31868	4.00	27061
CDL15_Pgr012969	20.50	17.36	15888
CDL15_Pgr013016	43466	0.44	0
CDL15_Pgr013018	16497	44441	0.65
CDL15_Pgr013026	46600	29007	41395
CDL15_Pgr013038	0.81	0.77	0.63
CDL15_Pgr013067	71.44	42.08	44349
CDL15_Pgr013080	44397	17.60	14.83
CDL15_Pgr013143	25934	13881	43101
CDL15_Pgr013249	25.35	22.18	20.37
CDL15_Pgr013252	44471	19360	0.79
CDL15_Pgr013257	44350	43466	0
CDL15_Pgr013258	20699	16984	21610
CDL15_Pgr013262	44483	25173	44357
CDL15_Pgr013322	24320	36281	47209
CDL15_Pgr013327	11749	34335	0.71
CDL15_Pgr013371	174.53	168.70	156.08
CDL15_Pgr013423	141.32	134.95	93.36
CDL15_Pgr013428	149.33	117.75	78.00
CDL15_Pgr013449	22463	34425	25569
CDL15_Pgr013451	41.76	39.81	35.59
CDL15_Pgr013464	41548	27973	17899
CDL15_Pgr013484	56.15	28.88	34304
CDL15_Pgr013537	46.71	39.34	33.00
CDL15_Pgr013541	42430	29952	0.33
CDL15_Pgr013551	19845	16103	0.29
CDL15_Pgr013556	22.46	14.48	44205
CDL15_Pgr013562	0.92	0.49	0
CDL15_Pgr013591	14.81	12359	46631

CDL15_Pgr013605	25324	23102	26696
CDL15_Pgr013684	13.93	13820	46631
CDL15_Pgr013693	85.52	70.33	47.72
CDL15_Pgr013697	22767	32933	18264
CDL15_Pgr013724	15.98	13.65	17107
CDL15_Pgr013748	14.90	22616	9.00
CDL15_Pgr013767	39.25	33.46	27.36
CDL15_Pgr013808	21582	47150	23743
CDL15_Pgr013854	30.96	29.91	21.99
CDL15_Pgr013875	53.91	45.39	36.49
CDL15_Pgr013884	27699	18507	26665
CDL15_Pgr013888	44200	46447	16469
CDL15_Pgr013892	0.26	0.11	0
CDL15_Pgr013899	21.27	19.80	15.67
CDL15_Pgr013900	44259	35096	43466
CDL15_Pgr013901	43221	13575	1.00
CDL15_Pgr013908	24473	0.98	0.24
CDL15_Pgr013913	136.74	122.61	94.49
CDL15_Pgr013920	46966	36220	0.61
CDL15_Pgr013929	16.78	14580	20333
CDL15_Pgr013960	77.39	64.64	56.19
CDL15_Pgr013972	258.75	243.88	207.19
CDL15_Pgr013997	431.36	247.23	37.65
CDL15_Pgr013999	44.05	40.74	35.45
CDL15_Pgr014002	24.56	23.22	20.26
CDL15_Pgr014014	0.34	0.30	0.15
CDL15_Pgr014030	46357	46631	33390
CDL15_Pgr014040	28185	44229	0.65
CDL15_Pgr014048	0.97	0.68	0.16
CDL15_Pgr014049	65.05	50.51	40.91
CDL15_Pgr014064	40.60	35.03	28.52
CDL15_Pgr014098	20.74	44459	19.67
CDL15_Pgr014114	77.43	75.09	69.65
CDL15_Pgr014164	44336	17.20	14.76
CDL15_Pgr014179	0.87	0.72	0.53

CDL15_Pgr014180	11963	29373	43922
CDL15_Pgr014217	33786	42795	0.44
CDL15_Pgr014235	17777	25355	35886
CDL15_Pgr014245	28.76	27.32	25.83
CDL15_Pgr014269	95.05	85.17	75.42
CDL15_Pgr014335	55.01	47.59	43.28
CDL15_Pgr014336	26846	15888	44446
CDL15_Pgr014389	26.32	25.14	44426
CDL15_Pgr014400	30072	42767	0
CDL15_Pgr014449	44347	28.86	23.34
CDL15_Pgr014452	11475	41365	1.00
CDL15_Pgr014459	34001	28491	0.61
CDL15_Pgr014462	71.51	59.43	45.32
CDL15_Pgr014472	870.46	604.34	399.42
CDL15_Pgr014477	91.02	63.41	26.88
CDL15_Pgr014479	44.22	36.98	21.17
CDL15_Pgr014501	45383	32874	0
CDL15_Pgr014523	17533	0.78	0.03
CDL15_Pgr014532	41365	27760	0.18
CDL15_Pgr014537	42.28	37.00	13.54
CDL15_Pgr014541	17.80	22129	45292
CDL15_Pgr014549	74.58	62.13	44495
CDL15_Pgr014553	43101	0.60	0.13
CDL15_Pgr014614	93.82	71.97	54.85
CDL15_Pgr014617	13.22	45261	44325
CDL15_Pgr014686	15.38	13.58	14580
CDL15_Pgr014688	41640	0.89	0.47
CDL15_Pgr014703	0.80	0.36	0.09
CDL15_Pgr014766	18507	15158	44442
CDL15_Pgr014773	46.60	29.13	14.96
CDL15_Pgr014791	44197	0.64	0.28
CDL15_Pgr014804	30376	11720	42370
CDL15_Pgr014823	23743	0.83	0.27
CDL15_Pgr014830	17.56	19998	44472
CDL15_Pgr014841	46966	36220	0.61

CDL15_Pgr014850	54.90	41.65	33.68
CDL15_Pgr014895	54.90	50.23	45.55
CDL15_Pgr014920	23.86	21.15	16.39
CDL15_Pgr014928	46631	47209	42005
CDL15_Pgr014953	0.13	0.09	0
CDL15_Pgr014958	1120.05	997.54	749.73
CDL15_Pgr014977	12844	44318	0.57
CDL15_Pgr014978	80.94	51.31	27.75
CDL15_Pgr014979	0.63	0.52	0
CDL15_Pgr015001	23743	0.76	0.13
CDL15_Pgr015010	17.27	15.57	44535
CDL15_Pgr015053	42.07	33.21	19.68
CDL15_Pgr015059	18.98	15.45	44299
CDL15_Pgr015064	44489	13.61	25993
CDL15_Pgr015141	97.92	79.95	52.29
CDL15_Pgr015154	29.54	24.97	17.00
CDL15_Pgr015158	63.92	59.06	51.30
CDL15_Pgr015168	18019	47239	20911
CDL15_Pgr015208	0.24	0.15	0
CDL15_Pgr015239	25235	22678	46784
CDL15_Pgr015247	30.92	29.86	24.16
CDL15_Pgr015255	33208	12724	42583
CDL15_Pgr015319	44491	19.52	15.45
CDL15_Pgr015330	25294	34759	31809
CDL15_Pgr015339	39.23	31.65	27.32
CDL15_Pgr015347	422.92	374.87	245.29
CDL15_Pgr015348	116.15	106.95	87.96
CDL15_Pgr015357	0.63	0.30	0
CDL15_Pgr015358	44652	28887	44228
CDL15_Pgr015376	13.72	19268	44044
CDL15_Pgr015385	34.17	44366	20515
CDL15_Pgr015388	19.26	44395	15.23
CDL15_Pgr015408	24351	44205	15493
CDL15_Pgr015415	44348	44197	0.80
CDL15_Pgr015417	13.15	17868	13394

CDL15_Pgr015452	32721	24898	0.11
CDL15_Pgr015461	44536	15067	2.00
CDL15_Pgr015469	47119	0.81	0.04
CDL15_Pgr015505	53.62	50.37	45.49
CDL15_Pgr015507	66.37	61.33	21.29
CDL15_Pgr015508	33635	30682	0.35
CDL15_Pgr015512	34.78	27.53	22.71
CDL15_Pgr015515	24.71	19.47	27334
CDL15_Pgr015523	44435	22.78	14.22
CDL15_Pgr015534	43313	25355	0.59
CDL15_Pgr015598	44288	22282	0.33
CDL15_Pgr015605	44343	23.35	15.57
CDL15_Pgr015606	19025	13150	0.65
CDL15_Pgr015620	12997	19146	18323
CDL15_Pgr015629	11444	18354	30011
CDL15_Pgr015631	24.77	17.21	17046
CDL15_Pgr015640	11658	22951	17441
CDL15_Pgr015694	35827	24473	0.64
CDL15_Pgr015704	0.46	0.32	0.15
CDL15_Pgr015711	44247	16.68	21885
CDL15_Pgr015719	120.84	55.42	25689
CDL15_Pgr015769	2773.09	1887.73	1152.22
CDL15_Pgr015782	82.29	62.34	34.27
CDL15_Pgr015783	44353	28216	24139
CDL15_Pgr015785	185.52	143.01	91.86
CDL15_Pgr015798	0.18	0.13	0
CDL15_Pgr015805	0.76	0.53	0.23
CDL15_Pgr015822	31.68	29.52	44494
CDL15_Pgr015828	44304	14.23	42644
CDL15_Pgr015844	21641	17199	0.80
CDL15_Pgr015882	24139	14642	44958
CDL15_Pgr015887	22.51	14.50	30560
CDL15_Pgr015932	27.87	24.38	21.96
CDL15_Pgr015952	59.82	53.90	48.42
CDL15_Pgr015984	43132	16803	0.75

CDL15_Pgr015986	44518	22251	19906
CDL15_Pgr015991	30376	44258	19756
CDL15_Pgr015992	134.50	120.36	80.70
CDL15_Pgr016011	832.35	696.05	600.24
CDL15_Pgr016023	0.34	0.26	0.12
CDL15_Pgr016025	16497	22678	29221
CDL15_Pgr016062	40.90	33.74	29.43
CDL15_Pgr016072	0.52	0.47	0.22
CDL15_Pgr016080	115.41	93.33	80.07
CDL15_Pgr016083	44319	14277	17899
CDL15_Pgr016094	21732	17319	11444
CDL15_Pgr016097	0.14	0.07	0
CDL15_Pgr016109	0.59	0.45	0.05
CDL15_Pgr016110	547.07	392.68	133.86
CDL15_Pgr016120	45.35	36.92	28.53
CDL15_Pgr016166	113.10	81.72	49.55
CDL15_Pgr016172	45689	18264	0.77
CDL15_Pgr016176	96.30	84.09	47.20
CDL15_Pgr016179	154.23	58.20	44319
CDL15_Pgr016181	43.41	33.57	20.99
CDL15_Pgr016184	72.70	56.07	42.24
CDL15_Pgr016187	767.19	636.05	546.42
CDL15_Pgr016189	106.79	100.21	77.56
CDL15_Pgr016192	12936	44261	22037
CDL15_Pgr016196	6.00	20210	17258
CDL15_Pgr016223	69.76	40.61	21.55
CDL15_Pgr016225	24532	44411	21947
CDL15_Pgr016239	0.49	0.34	0.10
CDL15_Pgr016245	27607	33420	11140
CDL15_Pgr016272	14.49	18598	34943
CDL15_Pgr016287	0.20	0.15	0
CDL15_Pgr016309	34.10	28.49	23.15
CDL15_Pgr016344	11689	44197	0.66
CDL15_Pgr016377	0.45	0.29	0.15
CDL15_Pgr016386	20455	0.79	0.11

CDL15_Pgr016406	86.36	77.34	58.44
CDL15_Pgr016423	77.22	55.55	42.35
CDL15_Pgr016438	534.64	337.61	187.32
CDL15_Pgr016455	41730	27760	0
CDL15_Pgr016466	0.18	0.14	0.07
CDL15_Pgr016471	0.81	0.39	0.11
CDL15_Pgr016546	70.94	66.80	43.05
CDL15_Pgr016573	13210	44411	12816
CDL15_Pgr016576	26481	30834	44504
CDL15_Pgr016599	46.56	35.35	26.80
CDL15_Pgr016618	16.81	15.40	13.25
CDL15_Pgr016632	23.44	20.57	13.60
CDL15_Pgr016661	155.28	118.74	61.68
CDL15_Pgr016676	29983	44198	11689
CDL15_Pgr016702	31809	17199	17899
CDL15_Pgr016753	42005	0.68	0
CDL15_Pgr016834	81.84	77.81	52.45
CDL15_Pgr016841	0.62	0.31	0
CDL15_Pgr016845	224.36	88.95	44774
CDL15_Pgr016850	33420	22098	16589
CDL15_Pgr016854	27.30	18.88	29252
CDL15_Pgr016872	21824	44385	46539
CDL15_Pgr016882	48.07	39.93	35.10
CDL15_Pgr016898	27820	26330	19725
CDL15_Pgr016918	31472	12844	13912
CDL15_Pgr016947	0.64	0.27	0
CDL15_Pgr017048	46844	18688	32905
CDL15_Pgr017051	32.97	44227	44225
CDL15_Pgr017066	84.95	41.77	44481
CDL15_Pgr017075	44713	33270	0.73
CDL15_Pgr017091	44501	0.45	0
CDL15_Pgr017093	16.64	34973	14397
CDL15_Pgr017096	21.70	15.29	44445
CDL15_Pgr017107	29.38	17.34	34121
CDL15_Pgr017113	0.62	0.45	0.12

CDL15_Pgr017137	0.47	0.31	0.16
CDL15_Pgr017154	41.81	32.40	22.46
CDL15_Pgr017176	18.20	13.70	44477
CDL15_Pgr017198	81.47	68.43	59.36
CDL15_Pgr017234	44531	44256	0.57
CDL15_Pgr017296	30.27	15.20	24929
CDL15_Pgr017330	51.66	43.37	35.03
CDL15_Pgr017349	108.72	96.39	54.49
CDL15_Pgr017379	33.38	29.94	14.75
CDL15_Pgr017384	22647	42370	0.80
CDL15_Pgr017385	44927	0.96	0.64
CDL15_Pgr017397	0.29	0.16	0.07
CDL15_Pgr017417	93.12	75.41	42.85
CDL15_Pgr017441	25993	19054	30348
CDL15_Pgr017442	23.84	13.47	12844
CDL15_Pgr017503	28581	13912	0.56
CDL15_Pgr017513	331.32	243.88	151.89
CDL15_Pgr017529	18.97	15.45	20333
CDL15_Pgr017539	20607	17685	46174
CDL15_Pgr017543	0.96	0.62	0
CDL15_Pgr017544	47362	42156	0.60
CDL15_Pgr017555	102.63	61.88	38.51
CDL15_Pgr017572	36342	46569	35886
CDL15_Pgr017584	21732	16954	44413
CDL15_Pgr017590	25.31	24.61	20.42
CDL15_Pgr017619	28369	27211	19511
CDL15_Pgr017680	15.23	14.13	13820
CDL15_Pgr017681	42036	23012	0.43
CDL15_Pgr017760	25628	31809	12086
CDL15_Pgr017811	308.44	272.02	242.35
CDL15_Pgr017822	34.31	32.53	44282
CDL15_Pgr017842	84.50	54.69	16.69
CDL15_Pgr017924	848.75	671.36	339.87
CDL15_Pgr017925	17107	45962	44510
CDL15_Pgr017929	25.30	15.25	15158

CDL15_Pgr017935	44355	46569	35551
CDL15_Pgr017938	10268.65	8449.83	5470.26
CDL15_Pgr017942	88.46	81.51	59.32
CDL15_Pgr017943	0.92	0.49	0.24
CDL15_Pgr017944	81.63	69.23	60.65
CDL15_Pgr017968	164.58	135.83	117.71
CDL15_Pgr017969	145.00	96.33	61.16
CDL15_Pgr017981	0.46	0.35	0.08
CDL15_Pgr017983	350.53	337.88	322.81
CDL15_Pgr018008	0.54	0.43	0.13
CDL15_Pgr018010	21064	27973	32660
CDL15_Pgr018011	0.58	0.25	0
CDL15_Pgr018025	36.21	27.97	22.45
CDL15_Pgr018034	0.25	0.13	0
CDL15_Pgr018037	44535	15067	11383
CDL15_Pgr018052	33970	0.80	0
CDL15_Pgr018083	44446	29738	44536
CDL15_Pgr018101	225.20	195.04	150.13
CDL15_Pgr018104	0.86	0.43	0.05
CDL15_Pgr018110	118.05	56.68	15.15
CDL15_Pgr018121	11110	13940	43466
CDL15_Pgr018122	17.27	13.60	21947
CDL15_Pgr018136	16984	25689	44199
CDL15_Pgr018138	84.35	76.35	66.46
CDL15_Pgr018140	22.52	17.54	16316
CDL15_Pgr018170	35004	11232	8.00
CDL15_Pgr018174	22.83	44399	15.89
CDL15_Pgr018177	30.83	28.29	19.62
CDL15_Pgr018180	25.59	14.16	25204
CDL15_Pgr018188	29587	18629	0.62
CDL15_Pgr018209	12540	14336	29281
CDL15_Pgr018246	44252	15.50	15220
CDL15_Pgr018254	33298	46447	19025
CDL15_Pgr018281	21582	47150	29587
CDL15_Pgr018282	34.46	31.06	28.13

CDL15_Pgr018295	18384	19815	43891
CDL15_Pgr018363	44682	34731	18994
CDL15_Pgr018381	18295	14642	44593
CDL15_Pgr018420	0.87	0.69	0.50
CDL15_Pgr018421	33055	19480	11720
CDL15_Pgr018450	88.85	80.73	62.27
CDL15_Pgr018452	15858	21306	11414
CDL15_Pgr018479	28277	35855	12086
CDL15_Pgr018505	62.63	53.82	40.32
CDL15_Pgr018507	181.94	142.98	112.64
CDL15_Pgr018530	27211	24198	31444
CDL15_Pgr018542	46054	13881	0.80
CDL15_Pgr018567	1636.02	1552.95	897.88
CDL15_Pgr018568	778.95	677.69	401.45
CDL15_Pgr018585	17868	12693	23559
CDL15_Pgr018603	35.36	34.43	32.65
CDL15_Pgr018631	15342	0.82	0.07
CDL15_Pgr018645	41456	18050	15067
CDL15_Pgr018654	497.79	464.16	420.70
CDL15_Pgr018664	28.18	22.31	30895
CDL15_Pgr018665	11720	23012	0.43
CDL15_Pgr018671	166.64	101.43	57.44
CDL15_Pgr018681	18.42	17.16	16.22
CDL15_Pgr018708	14.66	24807	20576
CDL15_Pgr018713	20.41	16.48	24624
CDL15_Pgr018718	47.81	44405	30529
CDL15_Pgr018720	27485	45748	44289
CDL15_Pgr018739	15.92	25750	36192
CDL15_Pgr018745	25600	44958	20455
CDL15_Pgr018750	186.75	129.78	72.41
CDL15_Pgr018759	0.40	0.34	0.21
CDL15_Pgr018802	14.89	30468	32509
CDL15_Pgr018809	11018	26696	0
CDL15_Pgr018826	35551	46844	20852
CDL15_Pgr018827	0.88	0.70	0

CDL15_Pgr018834	0.44	0.33	0.17
CDL15_Pgr018839	29.69	26.26	24.17
CDL15_Pgr018845	225.24	182.50	143.09
CDL15_Pgr018868	80.65	56.79	31.69
CDL15_Pgr018902	27061	44256	0
CDL15_Pgr018924	14427	43221	31837
CDL15_Pgr018926	529.82	315.93	188.24
CDL15_Pgr018946	90.61	76.79	58.93
CDL15_Pgr018950	13302	30011	0.76
CDL15_Pgr018974	44363	14.16	14946
CDL15_Pgr018988	0.59	0.39	0.08
CDL15_Pgr018993	116.60	111.47	105.23
CDL15_Pgr019009	45717	25235	0
CDL15_Pgr019033	35796	24108	46023
CDL15_Pgr019069	23468	44652	24504
CDL15_Pgr019080	15.51	15.20	13.39
CDL15_Pgr019106	32.96	27.84	23.25
CDL15_Pgr019110	15.42	31260	44349
CDL15_Pgr019112	32295	44353	12875
CDL15_Pgr019127	20.82	16.16	43739
CDL15_Pgr019128	0.26	0.17	0.04
CDL15_Pgr019131	28642	11018	0
CDL15_Pgr019144	0.37	0.19	0
CDL15_Pgr019212	11536	35886	30348
CDL15_Pgr019213	27.49	26.62	23.28
CDL15_Pgr019224	18.56	15.74	13.14
CDL15_Pgr019225	106.50	100.64	76.79
CDL15_Pgr019226	83.97	30.77	0.19
CDL15_Pgr019273	43.77	40.50	35.27
CDL15_Pgr019278	75.97	67.66	47.29
CDL15_Pgr019279	23.84	13.47	12844
CDL15_Pgr019283	177.03	147.28	109.42
CDL15_Pgr019356	44215	18.44	15.85
CDL15_Pgr019363	23.24	17.65	20760
CDL15_Pgr019389	0.64	0.26	0

CDL15_Pgr019405	30.28	20.86	14.76
CDL15_Pgr019409	0.86	0.51	0
CDL15_Pgr019413	44197	0.86	0.59
CDL15_Pgr019426	27.46	25.92	23.65
CDL15_Pgr019435	14305	44621	44230
CDL15_Pgr019437	0.27	0.15	0.04
CDL15_Pgr019503	99.47	81.60	45.52
CDL15_Pgr019544	0.45	0.30	0
CDL15_Pgr019550	21641	14671	20121
CDL15_Pgr019617	112.28	104.39	86.10
CDL15_Pgr019659	42522	30742	12086
CDL15_Pgr019660	28004	46235	44536
CDL15_Pgr019686	11871	42095	41275
CDL15_Pgr019689	11324	0.92	0.68
CDL15_Pgr019690	13697	13302	24139
CDL15_Pgr019770	63.61	55.26	47.33
CDL15_Pgr019778	60.01	49.53	34.28
CDL15_Pgr019862	27.48	24.63	20.88
CDL15_Pgr019868	121.60	88.73	56.93
CDL15_Pgr019900	25.18	24.31	44339
CDL15_Pgr019925	14.17	44323	0.95
CDL15_Pgr019927	33573	43739	13363
CDL15_Pgr019942	44713	12175	14642
CDL15_Pgr019988	75.83	73.02	66.66
CDL15_Pgr019996	0.52	0.25	0
CDL15_Pgr020016	35.95	32.44	21.81
CDL15_Pgr020022	23.41	44337	44486
CDL15_Pgr020033	14.62	20790	32752
CDL15_Pgr020036	26.52	16.46	44236
CDL15_Pgr020040	33.61	28.62	21.73
CDL15_Pgr020045	0.88	0.77	0.46
CDL15_Pgr020055	378.60	356.25	342.53
CDL15_Pgr020064	29.91	27.33	44524
CDL15_Pgr020072	495.87	346.66	250.58
CDL15_Pgr020083	81.56	78.45	56.25

CDL15_Pgr020119	15.87	34213	34759
CDL15_Pgr020200	17.20	14.86	13.39
CDL15_Pgr020208	129.08	96.29	64.00
CDL15_Pgr020230	41275	44256	0.78
CDL15_Pgr020234	0.16	0.10	0
CDL15_Pgr020236	44508	26481	18050
CDL15_Pgr020244	21.94	13.22	44536
CDL15_Pgr020245	15.00	30225	16619
CDL15_Pgr020267	19.56	15.72	13.27
CDL15_Pgr020270	22.60	44483	22372
CDL15_Pgr020288	44197	0.90	0.75
CDL15_Pgr020330	296.70	247.52	172.58
CDL15_Pgr020347	44288	0.88	0.20
CDL15_Pgr020349	36100	13363	24198
CDL15_Pgr020354	31413	0.71	0
CDL15_Pgr020358	0.30	0.20	0
CDL15_Pgr020375	16.56	14.72	28369
CDL15_Pgr020382	44445	5.00	15766
CDL15_Pgr020389	16163	46478	44381
CDL15_Pgr020411	92.18	60.86	34.65
CDL15_Pgr020419	25.67	22.96	17.51
CDL15_Pgr020428	18.52	17.56	16.35
CDL15_Pgr020429	25.61	24.34	19.24
CDL15_Pgr020439	20.51	15.53	33178
CDL15_Pgr020445	34090	26420	32599
CDL15_Pgr020456	47392	26115	20941
CDL15_Pgr020462	14246	44531	0
CDL15_Pgr020463	813.95	709.43	416.98
CDL15_Pgr020472	28764	34486	42401
CDL15_Pgr020479	560.00	357.67	135.25
CDL15_Pgr020486	130.17	124.21	104.63
CDL15_Pgr020495	63.21	54.10	47.57
CDL15_Pgr020508	44340	21.50	16.88
CDL15_Pgr020529	96.01	86.84	80.91
CDL15_Pgr020563	17807	29799	32295

CDL15_Pgr020568	0.52	0.45	0.24
CDL15_Pgr020569	14.52	11293	23590
CDL15_Pgr020590	157.25	99.14	52.75
CDL15_Pgr020591	44551	19.27	17.90
CDL15_Pgr020726	13667	13181	0
CDL15_Pgr020752	16103	45658	0.48
CDL15_Pgr020757	22.41	16.75	28095
CDL15_Pgr020758	25173	27607	30437
CDL15_Pgr020765	15554	29768	16984
CDL15_Pgr020766	44372	22.61	44368
CDL15_Pgr020783	15827	42826	44986
CDL15_Pgr020793	14.39	26846	17227
CDL15_Pgr020796	35765	18476	12875
CDL15_Pgr020851	33239	43831	0.10
CDL15_Pgr020857	25934	0.95	0
CDL15_Pgr020895	31048	23012	0.45
CDL15_Pgr020899	23743	0.98	0.17
CDL15_Pgr020900	16803	45292	0.98
CDL15_Pgr020905	28764	32721	15858
CDL15_Pgr020915	28157	35796	0.98
CDL15_Pgr020918	552.24	430.47	177.10
CDL15_Pgr020942	44260	22737	16132
CDL15_Pgr020980	113.20	109.87	83.92
CDL15_Pgr020996	0.27	0.13	0
CDL15_Pgr021019	11720	26299	0.90
CDL15_Pgr021114	23774	34700	10959
CDL15_Pgr021117	42.44	32.60	21.64
CDL15_Pgr021133	94.43	86.85	39.53
CDL15_Pgr021135	25.91	44251	19.22
CDL15_Pgr021147	26330	14246	0.35
CDL15_Pgr021194	164.58	131.77	97.46
CDL15_Pgr021239	0.39	0.20	0
CDL15_Pgr021246	44252	16.92	44420
CDL15_Pgr021258	18.71	14.85	31321
CDL15_Pgr021279	19.83	17.30	24442

CDL15_Pgr021317	1212.25	1187.88	1080.48
CDL15_Pgr021321	238.97	213.16	140.43
CDL15_Pgr021342	80.87	40.51	44545
CDL15_Pgr021349	0.54	0.33	0.17
CDL15_Pgr021351	211.89	114.72	45.54
CDL15_Pgr021368	236.08	209.47	176.89
CDL15_Pgr021384	178.50	92.73	33.05
CDL15_Pgr021385	29.14	24.98	44338
CDL15_Pgr021399	164.37	123.01	91.35
CDL15_Pgr021400	19.73	16.62	13.98
CDL15_Pgr021406	32994	43891	0.97
CDL15_Pgr021411	30590	25051	34851
CDL15_Pgr021421	0.60	0.44	0
CDL15_Pgr021425	16072	44287	0.79
CDL15_Pgr021454	661.84	568.51	277.73
CDL15_Pgr021500	39.29	27.80	20.75
CDL15_Pgr021516	17.21	15.92	44361
CDL15_Pgr021527	0.55	0.26	0.04
CDL15_Pgr021536	102.91	92.51	61.47
CDL15_Pgr021568	321.82	286.94	203.43
CDL15_Pgr021576	29.33	28.32	21.66
CDL15_Pgr021589	23.57	22.15	20.38
CDL15_Pgr021591	0.43	0.17	0
CDL15_Pgr021606	21.49	20.95	17.61
CDL15_Pgr021610	0.43	0.21	0
CDL15_Pgr021643	43556	26359	26696
CDL15_Pgr021664	0.82	0.41	0.14
CDL15_Pgr021669	33.34	31.57	18.56
CDL15_Pgr021697	30286	27638	28642
CDL15_Pgr021710	21.48	16.81	33208
CDL15_Pgr021713	136.81	126.35	66.27
CDL15_Pgr021730	15.31	16742	24320
CDL15_Pgr021753	17.35	44362	13.44
CDL15_Pgr021754	132.04	101.41	20.72
CDL15_Pgr021756	35.52	24.51	17.32

CDL15_Pgr021759	33025	34790	11749
CDL15_Pgr021762	47.36	45.85	33.87
CDL15_Pgr021768	20.29	44458	14.25
CDL15_Pgr021783	42430	28126	0
CDL15_Pgr021788	11749	22313	25204
CDL15_Pgr021789	761.31	569.77	457.34
CDL15_Pgr021791	44443	31048	0
CDL15_Pgr021793	34.63	34.30	32.60
CDL15_Pgr021850	13547	24108	0.87
CDL15_Pgr021853	150.66	135.52	100.41
CDL15_Pgr021877	41730	25263	36192
CDL15_Pgr021881	31.23	25.45	21.92
CDL15_Pgr021902	31929	16224	42461
CDL15_Pgr021915	30042	19815	21582
CDL15_Pgr021920	46.90	44.82	41.59
CDL15_Pgr021998	17958	44289	43101
CDL15_Pgr022002	117.67	109.41	99.78
CDL15_Pgr022026	26604	29768	29618
CDL15_Pgr022050	44362	14.56	16407
CDL15_Pgr022055	35278	24685	27211
CDL15_Pgr022108	13940	23043	14611
CDL15_Pgr022115	0.59	0.46	0.07
CDL15_Pgr022119	17.43	15.33	44385
CDL15_Pgr022151	15766	42064	31809
CDL15_Pgr022153	45139	28307	34820
CDL15_Pgr022178	44247	19.59	17.26
CDL15_Pgr022186	97.82	91.61	87.89
CDL15_Pgr022219	50.13	44.48	33.82
CDL15_Pgr022236	81.43	75.29	50.37
CDL15_Pgr022248	18810	13667	30713
CDL15_Pgr022278	105.16	88.05	67.64
CDL15_Pgr022282	32203	43891	28157
CDL15_Pgr022283	17715	22341	0.64
CDL15_Pgr022299	43.95	37.44	26.76
CDL15_Pgr022352	0.78	0.51	0

CDL15_Pgr022389	0.71	0.40	0.05
CDL15_Pgr022398	63.24	57.82	41.83
CDL15_Pgr022406	42767	16438	0.62
CDL15_Pgr022416	0.84	0.72	0.61
CDL15_Pgr022425	25.98	19.34	33482
CDL15_Pgr022426	40.30	36.40	33.37
CDL15_Pgr022427	103.57	100.75	97.64
CDL15_Pgr022428	42339	34912	34001
CDL15_Pgr022457	25.97	16.47	18172
CDL15_Pgr022459	39.03	38.18	34.58
CDL15_Pgr022462	74.92	59.70	44.09
CDL15_Pgr022471	42856	35886	32933
CDL15_Pgr022481	13.27	45566	41487
CDL15_Pgr022487	14.63	44866	23468
CDL15_Pgr022491	157.07	113.34	85.50
CDL15_Pgr022508	100.94	55.22	27.72
CDL15_Pgr022515	17899	0.84	0.18
CDL15_Pgr022528	12997	46905	32568
CDL15_Pgr022539	43344	30468	21976
CDL15_Pgr022566	0.38	0.27	0
CDL15_Pgr022571	24.79	24.26	23.65
CDL15_Pgr022644	43.88	44465	15.37
CDL15_Pgr022657	0.77	0.42	0.21
CDL15_Pgr022662	59.70	56.39	29.78
CDL15_Pgr022666	11902	13606	25934
CDL15_Pgr022683	18.29	18598	44234
CDL15_Pgr022698	96.94	89.14	74.52
CDL15_Pgr022707	15.67	20424	44409
CDL15_Pgr022716	25538	24746	16984
CDL15_Pgr022720	14246	0.69	0
CDL15_Pgr022747	13.87	42339	25082
CDL15_Pgr022756	15097	45717	22282
CDL15_Pgr022806	16.78	15.32	13.70
CDL15_Pgr022822	42430	11720	0.71
CDL15_Pgr022823	24563	35462	44409

CDL15_Pgr022824	41.85	36.34	44560
CDL15_Pgr022854	44501	0.63	0.04
CDL15_Pgr022864	117.83	79.37	33.02
CDL15_Pgr022878	44307	18.21	14.72
CDL15_Pgr022881	33.69	20.20	27120
CDL15_Pgr022884	35796	45658	0.81
CDL15_Pgr022918	26696	10990	25934
CDL15_Pgr022949	88.40	75.26	66.88
CDL15_Pgr022961	30.60	25.43	17.68
CDL15_Pgr022965	45.94	35.62	21.77
CDL15_Pgr022974	17.16	21155	15919
CDL15_Pgr022994	528.12	327.62	120.60
CDL15_Pgr023062	25538	17441	44478
CDL15_Pgr023063	28.53	22.36	18.61
CDL15_Pgr023079	17.19	44298	44448
CDL15_Pgr023106	12359	14336	0.42
CDL15_Pgr023109	46753	0.71	0
CDL15_Pgr023124	16469	13547	26299
CDL15_Pgr023143	17.65	14.54	34394
CDL15_Pgr023159	88.71	65.88	41.70
CDL15_Pgr023168	18902	19572	17930
CDL15_Pgr023180	33329	13971	27820
CDL15_Pgr023181	41456	29281	16438
CDL15_Pgr023195	44355	44534	0.39
CDL15_Pgr023226	25.73	25.49	24.15
CDL15_Pgr023233	44287	22341	17564
CDL15_Pgr023237	23.13	45992	28946
CDL15_Pgr023238	34.82	15.87	29983
CDL15_Pgr023282	0.13	0.06	0
CDL15_Pgr023321	27.19	23682	28126
CDL15_Pgr023324	180.63	155.69	124.50
CDL15_Pgr023328	44269	24654	19419
CDL15_Pgr023333	0.95	0.46	0.10
CDL15_Pgr023372	112.49	106.66	76.20
CDL15_Pgr023393	0.50	0.32	0.20

CDL15_Pgr023403	45658	1.00	0.34
CDL15_Pgr023411	101.32	71.14	43.87
CDL15_Pgr023499	15281	16954	41306
CDL15_Pgr023526	28.68	27.84	22.99
CDL15_Pgr023540	19360	12055	0.76
CDL15_Pgr023548	48.33	39.00	32.17
CDL15_Pgr023576	18415	19054	46023
CDL15_Pgr023586	22.16	21.20	15.29
CDL15_Pgr023593	29738	26785	16893
CDL15_Pgr023600	18.96	16.49	34669
CDL15_Pgr023647	0.27	0.11	0
CDL15_Pgr023658	38.40	36.71	24.39
CDL15_Pgr023709	83.38	75.52	66.61
CDL15_Pgr023736	41671	29587	0
CDL15_Pgr023760	17654	41395	21641
CDL15_Pgr023775	45.97	36.10	26.19
CDL15_Pgr023919	42614	25385	42156
CDL15_Pgr023931	34.04	31.14	21.16
CDL15_Pgr023941	44682	21217	0.67
CDL15_Pgr023946	34486	24198	17199
CDL15_Pgr023950	20.82	19.61	44456
CDL15_Pgr023963	29.50	26.31	44489
CDL15_Pgr024032	62.46	53.08	27.94
CDL15_Pgr024049	14124	32721	14032
CDL15_Pgr024102	0.41	0.27	0
CDL15_Pgr024118	28126	0.94	0
CDL15_Pgr024128	47.00	29.71	31686
CDL15_Pgr024169	0.58	0.39	0.24
CDL15_Pgr024197	0.78	0.39	0.03
CDL15_Pgr024198	0.59	0.43	0.06
CDL15_Pgr024223	44455	13.59	45108
CDL15_Pgr024224	46813	29252	21916
CDL15_Pgr024253	19.16	13.31	33756
CDL15_Pgr024273	20821	0.98	0.55
CDL15_Pgr024275	30590	44325	22098

CDL15_Pgr024332	26054	46844	44319
CDL15_Pgr024335	49.70	47.33	44.19
CDL15_Pgr024343	38.23	34.42	31.59
CDL15_Pgr024370	43132	23012	0.33
CDL15_Pgr024372	55.68	43.78	30.66
CDL15_Pgr024392	0.66	0.60	0.43
CDL15_Pgr024412	13.31	44387	29738
CDL15_Pgr024435	35.37	27.52	16.42
CDL15_Pgr024441	12540	36220	44256
CDL15_Pgr024450	22.44	20.56	16.84
CDL15_Pgr024463	24.60	20.87	18.55
CDL15_Pgr024498	29221	0.84	0
CDL15_Pgr024510	30164	29403	26785
CDL15_Pgr024556	147.43	125.92	102.09
CDL15_Pgr024575	0.20	0.10	0
CDL15_Pgr024581	152.05	99.19	57.29
CDL15_Pgr024582	41.20	39.34	36.91
CDL15_Pgr024585	16834	32509	44562
CDL15_Pgr024589	44205	17624	25934
CDL15_Pgr024590	16132	46447	20121
CDL15_Pgr024591	24.98	19.83	15.00
CDL15_Pgr024608	22647	0.97	0.32
CDL15_Pgr024632	0.90	0.86	0.80
CDL15_Pgr024664	26.00	24.69	22.54
CDL15_Pgr024667	16681	34820	16132
CDL15_Pgr024679	38.40	33.80	25.26
CDL15_Pgr024687	36.35	28.62	23.91
CDL15_Pgr024710	45748	25263	22678
CDL15_Pgr024740	19054	46447	31079
CDL15_Pgr024741	46478	42795	2.00
CDL15_Pgr024795	60.83	50.41	36.12
CDL15_Pgr024838	16.79	14.45	21155
CDL15_Pgr024858	82.35	71.00	56.75
CDL15_Pgr024906	29.37	16.27	16163
CDL15_Pgr024921	43040	44387	43617

CDL15_Pgr024924	41640	0.75	0.39
CDL15_Pgr024935	18.48	17.18	13424
CDL15_Pgr024945	17.93	15.52	44451
CDL15_Pgr024950	44272	13.20	21794
CDL15_Pgr024966	27851	44231	12114
CDL15_Pgr024997	20.68	44268	44447
CDL15_Pgr025001	44320	44379	0.51
CDL15_Pgr025008	78.61	66.00	32.82
CDL15_Pgr025009	140.73	131.04	80.92
CDL15_Pgr025010	358.14	317.26	265.93
CDL15_Pgr025020	19.14	18.67	16.97
CDL15_Pgr025022	21.18	15.90	14458
CDL15_Pgr025079	16.82	19664	13271
CDL15_Pgr025082	134.99	113.25	99.37
CDL15_Pgr025094	85.46	84.13	73.52
CDL15_Pgr025097	46.64	38.94	32.18
CDL15_Pgr025105	533.42	296.51	112.42
CDL15_Pgr025109	64.38	60.08	46.77
CDL15_Pgr025119	44222	20.37	14.90
CDL15_Pgr025151	200.04	130.82	50.20
CDL15_Pgr025154	15.14	14.61	13.67
CDL15_Pgr025160	13.25	41913	19115
CDL15_Pgr025173	207.84	181.09	164.32
CDL15_Pgr025179	13881	0.97	0.72
CDL15_Pgr025186	0.94	0.77	0.44
CDL15_Pgr025241	30468	13302	21641
CDL15_Pgr025260	89.88	84.05	75.06
CDL15_Pgr025282	21.50	20.55	19.23
CDL15_Pgr025294	0.19	0.09	0
CDL15_Pgr025299	22.34	21.44	44458
CDL15_Pgr025303	13547	11689	0.52
CDL15_Pgr025313	44593	31778	0.64
CDL15_Pgr025315	0.64	0.32	0.08
CDL15_Pgr025334	46753	44440	0.85
CDL15_Pgr025354	56.02	38.50	25.91

CDL15_Pgr025362	23102	21582	10959
CDL15_Pgr025370	46082	46054	12785
CDL15_Pgr025375	36312	46874	32203
CDL15_Pgr025382	0.55	0.35	0.05
CDL15_Pgr025388	17.32	20029	16619
CDL15_Pgr025396	15.40	25903	31686
CDL15_Pgr025406	13.70	44451	34608
CDL15_Pgr025416	15008	29587	45658
CDL15_Pgr025420	28.46	26.60	21.97
CDL15_Pgr025430	19664	43282	27820
CDL15_Pgr025448	505.51	446.26	341.08
CDL15_Pgr025459	0.56	0.33	0.15
CDL15_Pgr025466	34759	30011	12479
CDL15_Pgr025473	416.07	210.97	65.86
CDL15_Pgr025490	0.31	0.25	0
CDL15_Pgr025501	32203	32143	0.27
CDL15_Pgr025502	17.73	16.89	29921
CDL15_Pgr025504	14366	21217	0.54
CDL15_Pgr025505	28887	11324	0
CDL15_Pgr025514	0.21	0.17	0
CDL15_Pgr025515	24198	44230	46023
CDL15_Pgr025530	14277	23743	44287
CDL15_Pgr025538	22.91	22.15	17.14
CDL15_Pgr025570	18476	12267	12236
CDL15_Pgr025577	23.69	44550	17.44
CDL15_Pgr025582	259.66	212.69	171.48
CDL15_Pgr025595	20121	22282	0.98
CDL15_Pgr025600	376.90	333.55	238.36
CDL15_Pgr025604	39.95	30.32	17.18
CDL15_Pgr025648	119.44	88.96	69.30
CDL15_Pgr025672	47150	44197	0.36
CDL15_Pgr025698	29556	12389	20363
CDL15_Pgr025714	15.87	14.14	42309
CDL15_Pgr025721	0.68	0.39	0.21
CDL15_Pgr025723	163.95	152.47	99.06

CDL15_Pgr025765	34304	14946	36039
CDL15_Pgr025769	30042	33664	0.81
CDL15_Pgr025771	53.57	38.09	28.22
CDL15_Pgr025776	41.13	35.45	29.92
CDL15_Pgr025778	0.34	0.19	0.05
CDL15_Pgr025785	34394	13547	44348
CDL15_Pgr025816	0.26	0.17	0
CDL15_Pgr025820	0.58	0.45	0.14
CDL15_Pgr025843	97.10	85.56	78.03
CDL15_Pgr025852	13.96	43070	33117
CDL15_Pgr025872	710.75	696.78	685.12
CDL15_Pgr025874	19725	0.95	0
CDL15_Pgr025911	17958	12451	45658
CDL15_Pgr025915	26665	13516	0.38
CDL15_Pgr025932	35947	23498	34366
CDL15_Pgr025946	36008	44713	22341
CDL15_Pgr025977	49.73	46.40	40.87
CDL15_Pgr026013	66.27	60.88	42.08
CDL15_Pgr026041	54.36	39.85	44469
CDL15_Pgr026043	74.90	56.08	34.82
CDL15_Pgr026049	71.58	65.51	52.38
CDL15_Pgr026060	19876	44261	15462
CDL15_Pgr026077	30.60	28.75	24.50
CDL15_Pgr026081	13455	24289	17288
CDL15_Pgr026083	28430	44540	28338
CDL15_Pgr026087	15.33	45231	27912
CDL15_Pgr026088	14.26	23924	44472
CDL15_Pgr026089	41791	13971	32540
CDL15_Pgr026098	26.35	25.27	23.70
CDL15_Pgr026104	24289	44234	28915
CDL15_Pgr026116	104.60	102.37	96.09
CDL15_Pgr026119	0.12	0.06	0
CDL15_Pgr026145	42826	44198	0
CDL15_Pgr026279	24259	23437	25934
CDL15_Pgr026337	21245	27061	44501

CDL15_Pgr026510	90.16	76.38	64.35
CDL15_Pgr026584	44303	32721	12785
CDL15_Pgr026587	16.50	31594	19025
CDL15_Pgr026617	36.41	31.97	21.79
CDL15_Pgr026620	156.14	73.51	14.80
CDL15_Pgr026651	44480	44264	16619
CDL15_Pgr026666	167.09	128.25	96.74
CDL15_Pgr026667	0.82	0.66	0.24
CDL15_Pgr026707	24563	16163	23071
CDL15_Pgr026717	17624	46447	34700
CDL15_Pgr026725	0.30	0.23	0.16
CDL15_Pgr026756	13.52	20760	45566
CDL15_Pgr026757	22068	45778	35125
CDL15_Pgr026767	13.27	22463	25263
CDL15_Pgr026791	44.93	30.73	18.70
CDL15_Pgr026818	0.32	0.16	0.06
CDL15_Pgr026854	17.93	14.00	18507
CDL15_Pgr026856	123.40	105.65	81.29
CDL15_Pgr026883	30317	0.74	0.05
CDL15_Pgr026888	0.19	0.10	0
CDL15_Pgr026933	0.49	0.18	0
CDL15_Pgr027040	26.47	24.80	22.86
CDL15_Pgr027053	94.04	90.20	64.76
CDL15_Pgr027054	26146	16984	23529
CDL15_Pgr027108	32509	21551	0.93
CDL15_Pgr027138	26299	23743	15707
CDL15_Pgr027194	36281	33329	30376
CDL15_Pgr027209	16103	30682	0.63
CDL15_Pgr027210	25965	44532	0.56
CDL15_Pgr027213	0.71	0.33	0.08
CDL15_Pgr027214	35431	13150	0.41
CDL15_Pgr027326	14.30	20424	32417
CDL15_Pgr027433	0.35	0.23	0
CDL15_Pgr027438	111.05	82.47	47.23
CDL15_Pgr027439	19329	34213	29403

CDL15_Pgr027452	0.62	0.31	0
CDL15_Pgr027472	36.48	25.15	11293
CDL15_Pgr027486	27089	47178	17199
CDL15_Pgr027498	34.64	33.07	29.88
CDL15_Pgr027510	16803	13516	0.85
CDL15_Pgr027512	17533	45658	44440
CDL15_Pgr027516	114.64	77.16	52.14
CDL15_Pgr027538	22007	35855	19054
CDL15_Pgr027546	34.08	28.65	25.16
CDL15_Pgr027548	46631	15919	44353
CDL15_Pgr027560	69.07	67.97	63.37
CDL15_Pgr027575	663.82	494.11	342.04
CDL15_Pgr027583	44531	0.55	0.09
CDL15_Pgr027595	30317	28491	25204
CDL15_Pgr027615	30.18	19.69	30256
CDL15_Pgr027630	12451	33970	11689
CDL15_Pgr027659	114.62	102.08	76.66
CDL15_Pgr027673	15.43	27668	44203
CDL15_Pgr027723	0.32	0.16	0
CDL15_Pgr027732	44488	18.44	16.30
CDL15_Pgr027740	28.25	22.99	17.45
CDL15_Pgr027749	356.45	300.33	187.30
CDL15_Pgr027753	13332	21306	33298
CDL15_Pgr027769	44384	29312	44197
CDL15_Pgr027827	21.99	18.96	30895
CDL15_Pgr027872	14.61	46174	42370
CDL15_Pgr027895	44507	12571	26785
CDL15_Pgr027925	14.83	42614	29281
CDL15_Pgr027952	79.69	50.27	19.86
CDL15_Pgr027954	41.59	31.88	25.71
CDL15_Pgr027970	16285	25020	30742
CDL15_Pgr027971	58.66	56.70	43.62
CDL15_Pgr027993	24746	11597	32690
CDL15_Pgr028000	13.24	22190	14062
CDL15_Pgr028016	20.52	19.31	14.16

CDL15_Pgr028020	31.72	29.39	25.69
CDL15_Pgr028021	10990	44531	0.08
CDL15_Pgr028050	0.23	0.09	0
CDL15_Pgr028057	106.42	91.33	47.84
CDL15_Pgr028081	81.02	66.40	43.22
CDL15_Pgr028090	36008	12601	25689
CDL15_Pgr028151	35796	13881	44228
CDL15_Pgr028183	12451	12055	0.30
CDL15_Pgr028184	1446.27	1007.29	517.65
CDL15_Pgr028207	46.61	32.39	21490
CDL15_Pgr028220	44412	45717	27030
CDL15_Pgr028228	77.70	65.44	53.44
CDL15_Pgr028235	22282	0.67	0.11
CDL15_Pgr028239	0.85	0.75	0.59
CDL15_Pgr028258	2.00	0.98	0
CDL15_Pgr028295	39.72	36.71	34.86
CDL15_Pgr028326	131.84	114.08	101.79
CDL15_Pgr028336	0.32	0.16	0
CDL15_Pgr028338	28.60	23.83	42309
CDL15_Pgr028348	44535	46113	20515
CDL15_Pgr028351	0.72	0.36	0.15
CDL15_Pgr028367	174.66	100.76	50.89
CDL15_Pgr028376	11780	35125	44380
CDL15_Pgr028416	0.32	0.20	0
CDL15_Pgr028417	24.35	19.98	22616
CDL15_Pgr028421	42064	44502	0
CDL15_Pgr028425	0.25	0.13	0
CDL15_Pgr028452	0.90	0.69	0.57
CDL15_Pgr028460	0.99	0.75	0.09
CDL15_Pgr028461	13.28	15585	16224
CDL15_Pgr028479	15.65	11263	15858
CDL15_Pgr028511	406.97	335.03	250.14
CDL15_Pgr028521	136.77	114.84	88.43
CDL15_Pgr028537	198.51	174.33	109.21
CDL15_Pgr028544	35643	36312	30713

CDL15_Pgr028555	21.88	28764	42767
CDL15_Pgr028579	0.17	0.08	0
CDL15_Pgr028583	44379	0.97	0.28
CDL15_Pgr028587	48.88	46.13	39.36
CDL15_Pgr028601	0.41	0.33	0
CDL15_Pgr028654	72.65	63.54	44.66
CDL15_Pgr028675	25.58	23.87	16.96
CDL15_Pgr028680	22068	35551	28915
CDL15_Pgr028692	0.92	0.79	0
CDL15_Pgr028730	44241	44452	18872
CDL15_Pgr028746	18.19	18.17	44273
CDL15_Pgr028774	44243	14.87	13.55
CDL15_Pgr028779	25.88	20.14	14.48
CDL15_Pgr028780	44532	33604	0.36
CDL15_Pgr028786	42339	29434	28246
CDL15_Pgr028813	47178	44380	32509
CDL15_Pgr028835	16.57	43040	11110
CDL15_Pgr028863	23.81	15.78	25416
CDL15_Pgr028864	13.32	45200	44774
CDL15_Pgr028881	47.29	45.56	39.27
CDL15_Pgr028883	44323	13241	46054
CDL15_Pgr028900	26.23	24.63	21.85
CDL15_Pgr028908	15.85	20059	44263
CDL15_Pgr028912	0.54	0.26	0
CDL15_Pgr028915	0.63	0.46	0
CDL15_Pgr028932	31048	44197	0.08
CDL15_Pgr028948	0.41	0.15	0
CDL15_Pgr028956	23132	26024	44351
CDL15_Pgr028960	70.14	53.95	37.58
CDL15_Pgr028981	27273	18780	28185
CDL15_Pgr028983	0.35	0.16	0
CDL15_Pgr028985	16803	0.57	0
CDL15_Pgr028989	19.68	44213	44454
CDL15_Pgr028995	123.32	96.19	77.68
CDL15_Pgr029012	25.88	16.58	27273

CDL15_Pgr029028	30.50	28.54	26.54
CDL15_Pgr029032	1747.23	1340.74	936.28
CDL15_Pgr029056	219.49	197.07	183.85
CDL15_Pgr029057	0.80	0.68	0.59
CDL15_Pgr029074	44470	13332	30773
CDL15_Pgr029077	69.89	49.61	27.81
CDL15_Pgr029084	13547	26665	12785
CDL15_Pgr029085	13.26	18080	15766
CDL15_Pgr029095	25.67	21.84	18.52
CDL15_Pgr029105	211.94	158.17	123.92
CDL15_Pgr029134	25.42	15.68	45536
CDL15_Pgr029150	44446	26816	46508
CDL15_Pgr029171	19.67	17.15	15585
CDL15_Pgr000051	0.34	0.63	0.73
CDL15_Pgr000075	44357	33.19	38.83
CDL15_Pgr000085	46.11	51.26	55.34
CDL15_Pgr000111	35.98	48.47	54.33
CDL15_Pgr000112	31260	14.66	18.85
CDL15_Pgr000138	195.20	238.00	265.52
CDL15_Pgr000168	50.37	59.90	62.21
CDL15_Pgr000179	20.49	25.97	28.64
CDL15_Pgr000193	40.55	43.51	45.15
CDL15_Pgr000201	20.64	30.46	34.33
CDL15_Pgr000206	25.25	34.44	42.52
CDL15_Pgr000244	17.44	18.52	18.96
CDL15_Pgr000250	13332	30651	44212
CDL15_Pgr000251	14.90	23.63	27.97
CDL15_Pgr000276	22.27	88.55	112.37
CDL15_Pgr000315	2.00	19784	42095
CDL15_Pgr000395	19450	13759	36100
CDL15_Pgr000409	0.92	43862	20486
CDL15_Pgr000449	34.98	38.07	39.76
CDL15_Pgr000464	28.33	35.57	38.80
CDL15_Pgr000512	35796	22706	31138
CDL15_Pgr000516	21551	26420	45108

CDL15_Pgr000528	17685	24016	13850
CDL15_Pgr000530	41275	44349	22678
CDL15_Pgr000572	41760	44511	20424
CDL15_Pgr000610	465.06	603.35	641.74
CDL15_Pgr000635	0	42826	22098
CDL15_Pgr000669	54.65	66.29	75.03
CDL15_Pgr000696	35886	25873	44516
CDL15_Pgr000701	44351	14793	31959
CDL15_Pgr000703	17.46	44467	34.71
CDL15_Pgr000713	44288	46508	35217
CDL15_Pgr000728	30.70	45.85	48.35
CDL15_Pgr000748	44369	30.73	34.48
CDL15_Pgr000749	0.15	44378	16803
CDL15_Pgr000761	31.18	35.49	38.11
CDL15_Pgr000787	37.04	51.21	60.45
CDL15_Pgr000788	44531	18.53	21.29
CDL15_Pgr000794	23468	19146	42186
CDL15_Pgr000814	45.11	76.35	84.84
CDL15_Pgr000821	12086	17227	33664
CDL15_Pgr000822	94.94	186.70	255.84
CDL15_Pgr000841	46.26	78.33	106.09
CDL15_Pgr000935	0	0.19	0.28
CDL15_Pgr000938	0	0.29	0.33
CDL15_Pgr000957	31260	18902	47423
CDL15_Pgr001000	44231	44535	35186
CDL15_Pgr001017	0.09	15707	30317
CDL15_Pgr001067	88.72	97.43	99.63
CDL15_Pgr001089	20852	14.36	19.80
CDL15_Pgr001095	0	0.45	0.54
CDL15_Pgr001104	14336	20302	19268
CDL15_Pgr001108	22767	44414	13667
CDL15_Pgr001118	19.87	53.41	68.48
CDL15_Pgr001155	33.06	37.94	41.37
CDL15_Pgr001159	19876	13789	28430
CDL15_Pgr001207	22737	42339	14.38

CDL15_Pgr001214	19725	31079	21245
CDL15_Pgr001216	0.26	0.95	14977
CDL15_Pgr001247	13.23	35.38	53.39
CDL15_Pgr001253	3.00	11780	20546
CDL15_Pgr001284	72.26	93.28	99.90
CDL15_Pgr001291	65.95	86.01	100.88
CDL15_Pgr001292	27.65	30.02	30.40
CDL15_Pgr001321	13789	14.50	15.98
CDL15_Pgr001340	52.99	62.81	64.12
CDL15_Pgr001352	16.41	49.98	58.42
CDL15_Pgr001353	30.74	46.94	51.12
CDL15_Pgr001365	181.82	248.67	284.05
CDL15_Pgr001368	0.03	24898	12175
CDL15_Pgr001371	11202	13.71	15.70
CDL15_Pgr001377	28.78	38.12	39.44
CDL15_Pgr001378	44414	14093	43344
CDL15_Pgr001381	117.02	196.33	233.63
CDL15_Pgr001393	25.76	32.64	37.36
CDL15_Pgr001396	47453	15.35	16.50
CDL15_Pgr001414	0.60	21916	26665
CDL15_Pgr001435	103.71	141.66	148.17
CDL15_Pgr001439	37.88	207.49	279.45
CDL15_Pgr001440	58.67	88.17	100.51
CDL15_Pgr001445	18.27	24.16	27.00
CDL15_Pgr001446	15.36	22.37	26.36
CDL15_Pgr001461	44395	30.78	36.83
CDL15_Pgr001462	181.05	283.28	350.27
CDL15_Pgr001491	13.21	15.50	16.26
CDL15_Pgr001497	55.14	70.99	82.02
CDL15_Pgr001577	64.15	94.80	106.94
CDL15_Pgr001597	13606	31291	35400
CDL15_Pgr001611	17.97	36.13	38.91
CDL15_Pgr001612	1332.85	2741.14	3148.12
CDL15_Pgr001654	33270	32021	15646
CDL15_Pgr001678	0.46	18295	34366

CDL15_Pgr001699	13.44	44395	18.79
CDL15_Pgr001709	0.45	46874	44384
CDL15_Pgr001723	17.37	22.20	25.17
CDL15_Pgr001736	0.23	0.67	0.94
CDL15_Pgr001741	0.98	15189	35034
CDL15_Pgr001752	0.87	17533	23012
CDL15_Pgr001760	44549	23.95	26.65
CDL15_Pgr001772	0	14611	19391
CDL15_Pgr001773	20546	33.77	39.46
CDL15_Pgr001783	61.13	80.29	94.69
CDL15_Pgr001796	0.27	25235	43160
CDL15_Pgr001804	35.70	54.32	60.79
CDL15_Pgr001807	29.55	41.49	46.89
CDL15_Pgr001818	38.56	44.50	45.48
CDL15_Pgr001821	44.03	47.32	49.86
CDL15_Pgr001829	40.31	47.61	51.33
CDL15_Pgr001857	44296	22.37	28.92
CDL15_Pgr001897	29037	23986	18172
CDL15_Pgr001919	27546	16.60	22.87
CDL15_Pgr001944	16954	44136	27729
CDL15_Pgr001957	50.92	54.04	56.86
CDL15_Pgr001971	45.12	59.59	69.24
CDL15_Pgr001974	36.28	38.84	40.75
CDL15_Pgr001978	132.18	351.82	536.87
CDL15_Pgr001992	24.32	29.23	30.72
CDL15_Pgr002011	22007	44479	13.56
CDL15_Pgr002035	25.91	66.13	90.45
CDL15_Pgr002051	0.67	31472	30042
CDL15_Pgr002055	18.97	23.22	26.31
CDL15_Pgr002066	84.62	283.38	336.84
CDL15_Pgr002074	17.38	28.97	37.81
CDL15_Pgr002075	43040	16.90	17.75
CDL15_Pgr002111	18.63	26.70	32.09
CDL15_Pgr002119	14246	15008	44986
CDL15_Pgr002145	54.89	68.50	80.18

CDL15_Pgr002152	44258	46508	30103
CDL15_Pgr002160	45.87	159.19	230.08
CDL15_Pgr002168	44360	15.41	16.31
CDL15_Pgr002194	44228	25508	14.35
CDL15_Pgr002200	22555	44390	13.74
CDL15_Pgr002204	44562	15036	15432
CDL15_Pgr002206	23.96	36.41	44.07
CDL15_Pgr002210	0	0.64	0.83
CDL15_Pgr002227	56.20	218.58	364.08
CDL15_Pgr002233	46844	20029	33573
CDL15_Pgr002251	0.57	1.00	43831
CDL15_Pgr002257	0.03	0.22	0.26
CDL15_Pgr002308	34.01	43.06	45.35
CDL15_Pgr002345	59.65	96.48	104.70
CDL15_Pgr002356	24.00	46.48	53.13
CDL15_Pgr002422	69.82	90.63	98.27
CDL15_Pgr002458	17168	14916	16.36
CDL15_Pgr002497	0	0.32	0.51
CDL15_Pgr002524	11.00	44336	22.41
CDL15_Pgr002536	35.50	73.91	86.13
CDL15_Pgr002541	26.41	44282	27.37
CDL15_Pgr002583	42705	21.44	23.73
CDL15_Pgr002605	28216	21306	32629
CDL15_Pgr002634	14.26	15.17	15.38
CDL15_Pgr002639	54.25	75.22	83.46
CDL15_Pgr002649	0.69	91.53	117.46
CDL15_Pgr002650	0	17199	15036
CDL15_Pgr002654	141.38	174.47	187.11
CDL15_Pgr002662	26.76	36.24	44.51
CDL15_Pgr002736	146.45	157.77	159.43
CDL15_Pgr002765	236.59	433.75	540.61
CDL15_Pgr002770	67.35	213.62	295.36
CDL15_Pgr002811	14.30	22.97	26.55
CDL15_Pgr002815	0.23	11414	33359
CDL15_Pgr002818	15615	16.67	21.14

CDL15_Pgr002820	34759	13.19	20.94
CDL15_Pgr002831	0.13	0.32	0.39
CDL15_Pgr002842	65.22	84.82	89.14
CDL15_Pgr002845	25689	45839	18841
CDL15_Pgr002881	14277	35827	15766
CDL15_Pgr002894	43.43	54.35	61.69
CDL15_Pgr002927	23071	28216	17654
CDL15_Pgr002929	36.23	57.83	69.68
CDL15_Pgr002932	331.62	366.44	389.08
CDL15_Pgr002944	14550	14.22	15.16
CDL15_Pgr002984	44555	34.54	36.30
CDL15_Pgr002987	45839	31686	44208
CDL15_Pgr002996	21.20	38.90	42.57
CDL15_Pgr003037	33239	14.66	19.80
CDL15_Pgr003038	13789	47423	35735
CDL15_Pgr003045	44220	38.43	49.52
CDL15_Pgr003047	16.56	44217	22.57
CDL15_Pgr003069	65.96	87.94	100.08
CDL15_Pgr003115	41671	17199	25600
CDL15_Pgr003133	44411	24929	34090
CDL15_Pgr003144	0.30	44317	26299
CDL15_Pgr003148	17746	42705	14.25
CDL15_Pgr003151	21.35	38.09	45.18
CDL15_Pgr003156	53.13	58.73	62.53
CDL15_Pgr003163	0	0.15	0.26
CDL15_Pgr003180	13089	18.91	21.83
CDL15_Pgr003183	44387	14580	14.13
CDL15_Pgr003213	30.22	35.36	39.66
CDL15_Pgr003235	0	0.19	0.29
CDL15_Pgr003268	42125	44537	21002
CDL15_Pgr003306	25628	43983	28307
CDL15_Pgr003372	21.55	28.50	34.00
CDL15_Pgr003382	183.81	258.66	298.88
CDL15_Pgr003390	126.58	377.66	481.22
CDL15_Pgr003469	27.84	36.11	41.49

CDL15_Pgr003478	14.85	44524	27.64
CDL15_Pgr003498	60.51	107.29	114.98
CDL15_Pgr003520	26.80	42.54	55.24
CDL15_Pgr003523	17.60	26.68	28.21
CDL15_Pgr003533	44314	35.20	40.36
CDL15_Pgr003567	44497	49.24	55.81
CDL15_Pgr003569	0.67	30317	21217
CDL15_Pgr003577	29129	18233	44240
CDL15_Pgr003581	50.91	56.71	58.97
CDL15_Pgr003590	52.33	82.39	93.15
CDL15_Pgr003594	0.93	14946	17.25
CDL15_Pgr003609	0	0.74	44256
CDL15_Pgr003617	19480	44507	44044
CDL15_Pgr003637	30834	44136	14.64
CDL15_Pgr003644	0.56	14611	30317
CDL15_Pgr003645	0.22	0.44	0.57
CDL15_Pgr003646	14154	15.57	16.80
CDL15_Pgr003660	15.83	30.73	34.56
CDL15_Pgr003665	44231	14366	45444
CDL15_Pgr003672	76.69	113.72	134.56
CDL15_Pgr003684	39.49	48.15	55.54
CDL15_Pgr003719	21885	44486	19.26
CDL15_Pgr003723	18.99	34.27	40.96
CDL15_Pgr003734	11689	12844	36220
CDL15_Pgr003748	167.55	206.55	230.18
CDL15_Pgr003750	266.38	344.61	396.02
CDL15_Pgr003775	0	0.56	0.70
CDL15_Pgr003786	0.32	14611	30682
CDL15_Pgr003805	17746	44519	23.20
CDL15_Pgr003828	41275	45689	19025
CDL15_Pgr003835	44470	31898	44203
CDL15_Pgr003843	43.99	70.97	94.16
CDL15_Pgr003846	29.50	49.69	52.68
CDL15_Pgr003850	0.17	0.53	0.80
CDL15_Pgr003851	37.94	61.51	68.14

CDL15_Pgr003856	17.73	33.90	36.89
CDL15_Pgr003864	0	0.22	0.38
CDL15_Pgr003878	29.23	52.49	65.63
CDL15_Pgr003880	14.86	16.44	16.72
CDL15_Pgr003964	51.89	59.81	61.88
CDL15_Pgr003965	32143	42064	27820
CDL15_Pgr004022	42.47	53.19	58.82
CDL15_Pgr004032	29037	23255	44419
CDL15_Pgr004043	18142	13.91	14.68
CDL15_Pgr004073	0.06	0.34	0.47
CDL15_Pgr004100	0.21	44958	30011
CDL15_Pgr004115	0.17	44440	44197
CDL15_Pgr004123	44204	14.29	19.48
CDL15_Pgr004126	33.15	59.83	63.98
CDL15_Pgr004127	73.94	133.55	142.81
CDL15_Pgr004134	58.40	75.38	82.41
CDL15_Pgr004172	64.81	89.57	110.32
CDL15_Pgr004176	16711	18.64	22.73
CDL15_Pgr004192	28764	13.29	14.95
CDL15_Pgr004198	67.41	286.27	377.15
CDL15_Pgr004200	76.10	151.55	186.35
CDL15_Pgr004228	66.42	73.62	79.77
CDL15_Pgr004233	23012	30.73	52.87
CDL15_Pgr004234	33695	65.77	80.00
CDL15_Pgr004307	120.05	222.31	258.95
CDL15_Pgr004341	44348	44539	25447
CDL15_Pgr004372	0.07	0.21	0.29
CDL15_Pgr004375	32905	45352	18323
CDL15_Pgr004408	0.59	0.74	0.83
CDL15_Pgr004416	60.40	90.50	97.95
CDL15_Pgr004436	29646	15281	13.23
CDL15_Pgr004453	20.57	28.48	31.39
CDL15_Pgr004455	17.65	44560	33.52
CDL15_Pgr004456	12632	27.20	36.97
CDL15_Pgr004459	14.83	44428	24.77

CDL15_Pgr004463	45078	44537	26115
CDL15_Pgr004466	31809	13697	44325
CDL15_Pgr004470	37.44	45.23	51.00
CDL15_Pgr004489	17.65	22.99	27.19
CDL15_Pgr004539	26.85	30.58	44439
CDL15_Pgr004545	19.96	33.48	36.68
CDL15_Pgr004562	34.04	93.28	119.92
CDL15_Pgr004631	0.15	0.60	0.70
CDL15_Pgr004681	21.62	29.84	33.41
CDL15_Pgr004684	0	15128	15523
CDL15_Pgr004688	20.48	41.98	46.73
CDL15_Pgr004693	44291	44475	22798
CDL15_Pgr004695	23408	11383	26724
CDL15_Pgr004716	14.32	19.44	20.92
CDL15_Pgr004731	15.86	20.70	22.67
CDL15_Pgr004764	18019	33786	12663
CDL15_Pgr004830	44713	9.00	44419
CDL15_Pgr004831	16.41	44254	31.54
CDL15_Pgr004876	28.72	48.42	53.27
CDL15_Pgr004878	334.88	570.26	617.84
CDL15_Pgr004899	44204	15615	21155
CDL15_Pgr004949	25659	46143	19480
CDL15_Pgr005015	15.64	17.28	17.95
CDL15_Pgr005029	13575	26146	47392
CDL15_Pgr005053	44240	17.16	19.32
CDL15_Pgr005151	15.38	39.68	48.50
CDL15_Pgr005156	32387	21.68	30.15
CDL15_Pgr005198	0.28	17899	26665
CDL15_Pgr005280	29677	28307	11597
CDL15_Pgr005281	537.18	795.61	848.29
CDL15_Pgr005324	0.46	0.83	44256
CDL15_Pgr005336	18994	44410	13181
CDL15_Pgr005343	44927	18688	43922
CDL15_Pgr005354	41395	36312	21763
CDL15_Pgr005373	32.77	58.38	72.19

CDL15_Pgr005399	25.17	29.81	33.55
CDL15_Pgr005400	32295	14.76	18.72
CDL15_Pgr005409	0	0.23	0.32
CDL15_Pgr005415	39.02	69.53	74.97
CDL15_Pgr005419	68.30	85.39	90.61
CDL15_Pgr005448	73.08	128.54	145.78
CDL15_Pgr005479	47.11	81.56	109.36
CDL15_Pgr005482	40.68	64.05	75.62
CDL15_Pgr005508	35125	15462	44536
CDL15_Pgr005537	0.87	44440	44531
CDL15_Pgr005550	84.32	120.12	131.53
CDL15_Pgr005558	31625	32387	44296
CDL15_Pgr005568	20546	44409	34973
CDL15_Pgr005600	0	0.66	44348
CDL15_Pgr005603	23.75	36.77	44.32
CDL15_Pgr005604	0	44317	14977
CDL15_Pgr005622	0.66	11689	18264
CDL15_Pgr005632	32.00	63.26	72.63
CDL15_Pgr005641	44417	16.54	18.25
CDL15_Pgr005644	63.29	70.78	74.97
CDL15_Pgr005646	16497	31868	44321
CDL15_Pgr005653	69.79	82.28	84.18
CDL15_Pgr005655	32.49	45.39	50.54
CDL15_Pgr005679	44388	16.00	18.79
CDL15_Pgr005682	0	0.38	0.58
CDL15_Pgr005724	17.94	19.96	20.36
CDL15_Pgr005733	11444	13.90	17.98
CDL15_Pgr005734	39.36	163.25	248.76
CDL15_Pgr005737	0.89	25934	30317
CDL15_Pgr005738	13.27	15.54	17.30
CDL15_Pgr005740	24869	44533	11383
CDL15_Pgr005759	0	0.19	0.26
CDL15_Pgr005772	18.91	77.75	116.34
CDL15_Pgr005782	27.48	38.28	47.17
CDL15_Pgr005801	0.27	27426	30376

CDL15_Pgr005822	0.16	0.43	0.60
CDL15_Pgr005867	26330	27089	44231
CDL15_Pgr005870	16224	44330	15.44
CDL15_Pgr005886	81.57	123.28	154.41
CDL15_Pgr005891	35.03	43.99	46.15
CDL15_Pgr005921	32021	18.15	22.30
CDL15_Pgr005953	33359	28065	44392
CDL15_Pgr005962	33.36	43.21	44.83
CDL15_Pgr005965	44549	23.56	24.72
CDL15_Pgr005966	46054	31868	35551
CDL15_Pgr005992	44220	46.62	49.65
CDL15_Pgr006025	44337	28.59	31.43
CDL15_Pgr006087	22007	17.40	22.45
CDL15_Pgr006109	13150	13181	41699
CDL15_Pgr006187	100.20	154.81	163.96
CDL15_Pgr006222	40.11	49.31	55.36
CDL15_Pgr006226	0	0.48	0.91
CDL15_Pgr006245	14489	19.18	22.95
CDL15_Pgr006250	0.06	0.36	0.59
CDL15_Pgr006252	0	0.17	0.23
CDL15_Pgr006260	63.14	71.17	73.56
CDL15_Pgr006294	44324	44397	30.39
CDL15_Pgr006320	24139	13.49	15.60
CDL15_Pgr006321	24139	13.49	15.60
CDL15_Pgr006438	35.88	54.12	56.69
CDL15_Pgr006442	17533	34700	44349
CDL15_Pgr006462	35765	15.92	16.86
CDL15_Pgr006496	0	0.36	0.43
CDL15_Pgr006510	103.70	283.35	358.84
CDL15_Pgr006555	77.32	91.28	97.92
CDL15_Pgr006570	46874	29068	44501
CDL15_Pgr006571	30407	15523	32325
CDL15_Pgr006578	17899	27760	33239
CDL15_Pgr006585	16954	34151	46235
CDL15_Pgr006608	15.61	21.19	23.82

CDL15_Pgr006618	17807	23.42	31.58
CDL15_Pgr006639	14.14	18.71	19.60
CDL15_Pgr006641	44537	26177	29891
CDL15_Pgr006645	16.39	44342	29.60
CDL15_Pgr006648	27.15	42.30	46.37
CDL15_Pgr006652	11.00	44298	28095
CDL15_Pgr006664	14.43	18.49	21.79
CDL15_Pgr006669	11263	13.40	14.44
CDL15_Pgr006670	24685	23285	34973
CDL15_Pgr006684	14.87	24.45	44561
CDL15_Pgr006685	0.87	44289	15036
CDL15_Pgr006686	20.86	27.97	30.39
CDL15_Pgr006735	15.62	58.55	83.68
CDL15_Pgr006739	23.64	41.70	56.35
CDL15_Pgr006749	0.44	24108	22313
CDL15_Pgr006757	11049	46357	17.85
CDL15_Pgr006759	45139	31747	14.88
CDL15_Pgr006774	67.41	84.99	98.72
CDL15_Pgr006776	16132	42217	24716
CDL15_Pgr006789	16.36	18.33	19.71
CDL15_Pgr006792	46966	18.50	27.27
CDL15_Pgr006815	21551	29252	18688
CDL15_Pgr006831	32.26	45.68	51.78
CDL15_Pgr006853	28.48	39.41	46.86
CDL15_Pgr006857	31382	37.96	54.52
CDL15_Pgr006870	44301	27.37	35.74
CDL15_Pgr006903	44327	18.18	20.48
CDL15_Pgr006946	282.36	2753.51	3188.31
CDL15_Pgr006947	0.52	44492	39.96
CDL15_Pgr006952	16.37	37.28	54.85
CDL15_Pgr006956	20241	69.11	112.95
CDL15_Pgr006965	89.75	168.88	197.90
CDL15_Pgr006978	15493	44835	17868
CDL15_Pgr006981	27089	44205	42309
CDL15_Pgr006984	0	0.42	0.78

CDL15_Pgr007050	15827	14.75	44521
CDL15_Pgr007074	15.52	17.48	44366
CDL15_Pgr007083	24.16	43.70	46.28
CDL15_Pgr007095	23.58	61.94	90.12
CDL15_Pgr007105	24.89	30.73	32.01
CDL15_Pgr007145	0	44593	41699
CDL15_Pgr007152	0.35	0.86	44197
CDL15_Pgr007154	0.76	17168	27395
CDL15_Pgr007158	12206	16377	47088
CDL15_Pgr007167	17777	15.54	44395
CDL15_Pgr007169	27881	33756	42186
CDL15_Pgr007171	26846	14.22	18.70
CDL15_Pgr007181	17.43	51.56	57.01
CDL15_Pgr007193	14.74	24.79	26.68
CDL15_Pgr007205	95.69	182.83	253.34
CDL15_Pgr007206	15189	15.36	21.58
CDL15_Pgr007223	39.33	50.05	55.25
CDL15_Pgr007238	46023	34.27	48.09
CDL15_Pgr007241	27.20	44.79	55.08
CDL15_Pgr007277	13.68	20.21	22.99
CDL15_Pgr007293	25.38	28.68	30.15
CDL15_Pgr007301	27.31	35.18	37.41
CDL15_Pgr007344	0	0.51	0.71
CDL15_Pgr007347	0	0.26	0.33
CDL15_Pgr007349	0.25	15158	24412
CDL15_Pgr007363	44.69	78.10	86.46
CDL15_Pgr007377	44.30	152.21	199.79
CDL15_Pgr007388	44542	25.42	30.52
CDL15_Pgr007396	36.70	37.61	38.39
CDL15_Pgr007433	13.49	20.40	22.78
CDL15_Pgr007452	36312	29068	14489
CDL15_Pgr007459	33390	44425	22.29
CDL15_Pgr007487	28976	44264	18203
CDL15_Pgr007493	14671	23498	11475
CDL15_Pgr007495	181.02	203.53	218.86

CDL15_Pgr007499	0.13	0.27	0.38
CDL15_Pgr007510	21094	44545	16.56
CDL15_Pgr007514	48.64	108.54	133.97
CDL15_Pgr007570	43.89	52.22	59.01
CDL15_Pgr007575	44533	44459	23.43
CDL15_Pgr007615	0.63	28491	17564
CDL15_Pgr007617	35004	14.86	15.94
CDL15_Pgr007621	39.81	69.26	76.44
CDL15_Pgr007622	16103	32234	30468
CDL15_Pgr007630	29.29	44.72	50.42
CDL15_Pgr007662	29007	41579	13.30
CDL15_Pgr007668	2334.01	3054.17	3701.90
CDL15_Pgr007677	94.07	447.68	684.82
CDL15_Pgr007687	0.61	43862	11749
CDL15_Pgr007688	14.35	60.29	79.99
CDL15_Pgr007699	44291	16923	30072
CDL15_Pgr007704	16.53	30.55	41.53
CDL15_Pgr007728	0.83	32964	18445
CDL15_Pgr007745	21094	57.35	71.56
CDL15_Pgr007779	34.03	71.87	104.23
CDL15_Pgr007823	0	18264	34700
CDL15_Pgr007830	0.97	44319	32234
CDL15_Pgr007858	13.83	15.32	16.16
CDL15_Pgr007862	25750	46997	44326
CDL15_Pgr007867	75.67	158.00	190.40
CDL15_Pgr007883	61.37	84.00	87.14
CDL15_Pgr007886	22313	42979	30256
CDL15_Pgr007896	11232	16.74	18.90
CDL15_Pgr007901	36161	20121	33635
CDL15_Pgr007902	36161	20121	33635
CDL15_Pgr007908	31.00	72.42	92.74
CDL15_Pgr007910	55.52	74.78	88.29
CDL15_Pgr007932	44555	40.74	44.71
CDL15_Pgr007940	0	0.83	44197
CDL15_Pgr007947	0.29	0.65	0.74

CDL15_Pgr007971	42.19	52.93	55.54
CDL15_Pgr007998	28185	44477	44387
CDL15_Pgr008019	35582	13.84	18.59
CDL15_Pgr008020	25538	14.29	14.57
CDL15_Pgr008102	0.10	0.30	0.42
CDL15_Pgr008103	39.53	43.36	44.41
CDL15_Pgr008142	44523	37.66	50.65
CDL15_Pgr008168	41456	17107	13.21
CDL15_Pgr008181	0	0.38	0.59
CDL15_Pgr008183	13.14	34.84	52.45
CDL15_Pgr008230	0.13	0.41	0.48
CDL15_Pgr008232	0.04	0.33	0.57
CDL15_Pgr008234	26451	28338	31291
CDL15_Pgr008237	25.70	45.47	48.76
CDL15_Pgr008256	61.57	71.11	74.69
CDL15_Pgr008362	0.90	44199	27454
CDL15_Pgr008365	83.96	137.81	160.57
CDL15_Pgr008372	38.53	61.95	77.02
CDL15_Pgr008399	34731	13.87	20.24
CDL15_Pgr008411	24929	12206	35582
CDL15_Pgr008432	501.40	588.52	657.52
CDL15_Pgr008437	53.51	95.85	119.84
CDL15_Pgr008479	75.44	97.23	100.41
CDL15_Pgr008487	0.77	23802	14366
CDL15_Pgr008505	0.99	18295	19054
CDL15_Pgr008526	31.91	32.80	33.51
CDL15_Pgr008528	0.16	0.43	0.67
CDL15_Pgr008555	19.38	38.74	45.11
CDL15_Pgr008575	17.19	22.65	25.86
CDL15_Pgr008593	21702	35947	11871
CDL15_Pgr008705	105.26	111.18	112.27
CDL15_Pgr008737	34669	14.18	14.75
CDL15_Pgr008741	29.35	47.83	60.44
CDL15_Pgr008768	73.16	75.78	77.46
CDL15_Pgr008808	11444	45505	29068

CDL15_Pgr008820	17.78	27.91	32.33
CDL15_Pgr008821	13.00	25.52	28.47
CDL15_Pgr008837	0.50	17168	44379
CDL15_Pgr008838	44199	35125	26755
CDL15_Pgr008857	20029	26.99	37.25
CDL15_Pgr008885	31.81	38.89	41.15
CDL15_Pgr008914	38.03	51.71	53.67
CDL15_Pgr008931	27061	27273	15.52
CDL15_Pgr008938	0	0.61	0.70
CDL15_Pgr008940	47423	13.51	15.35
CDL15_Pgr008960	30682	44958	11355
CDL15_Pgr008961	21.89	29.89	32.33
CDL15_Pgr008963	51.14	68.28	70.87
CDL15_Pgr009003	22.47	34.35	41.13
CDL15_Pgr009022	12601	44419	27364
CDL15_Pgr009038	31.40	43.08	44.77
CDL15_Pgr009048	58.81	63.52	66.25
CDL15_Pgr009054	12175	29373	43647
CDL15_Pgr009062	45261	14.59	15.97
CDL15_Pgr009065	96.40	118.84	129.69
CDL15_Pgr009067	21794	15.77	16.94
CDL15_Pgr009076	14.60	20.75	23.45
CDL15_Pgr009098	47239	25689	28976
CDL15_Pgr009110	28703	15.76	17.74
CDL15_Pgr009219	0.89	24869	29281
CDL15_Pgr009227	25294	18203	16.00
CDL15_Pgr009239	18994	30407	23132
CDL15_Pgr009242	25235	44200	18354
CDL15_Pgr009243	13.37	13.82	14.14
CDL15_Pgr009260	22.44	48.36	65.20
CDL15_Pgr009326	43647	44487	22.13
CDL15_Pgr009332	0.71	31868	46600
CDL15_Pgr009409	67.19	126.78	169.85
CDL15_Pgr009410	54.83	63.75	69.87
CDL15_Pgr009512	17.88	65.87	78.82

CDL15_Pgr009528	44.05	136.07	153.25
CDL15_Pgr009545	35827	46813	20149
CDL15_Pgr009599	16.42	33.82	46.58
CDL15_Pgr009620	50.50	69.56	72.27
CDL15_Pgr009636	43.31	56.97	64.44
CDL15_Pgr009692	44230	34060	15128
CDL15_Pgr009710	0	0.35	0.45
CDL15_Pgr009711	121.41	477.70	667.07
CDL15_Pgr009712	24.34	35.44	37.17
CDL15_Pgr009734	0.08	0.99	20090
CDL15_Pgr009737	30.49	46.01	57.65
CDL15_Pgr009747	28.41	35.54	38.78
CDL15_Pgr009748	16.28	21.45	22.86
CDL15_Pgr009754	30164	44542	32478
CDL15_Pgr009767	12905	29891	13.92
CDL15_Pgr009782	23.73	26.49	28.79
CDL15_Pgr009805	27851	21671	47270
CDL15_Pgr009809	0	0.94	12420
CDL15_Pgr009830	17.32	19.81	20.96
CDL15_Pgr009840	16.40	22.62	44224
CDL15_Pgr009844	0.13	0.40	0.48
CDL15_Pgr009880	43344	18963	14.76
CDL15_Pgr009899	322.08	663.61	769.69
CDL15_Pgr009915	0.14	29952	45323
CDL15_Pgr009957	39.29	82.73	107.82
CDL15_Pgr009959	0.06	44409	31413
CDL15_Pgr009960	16.53	20.21	22.14
CDL15_Pgr009961	185.46	238.11	262.25
CDL15_Pgr010023	80.92	98.10	107.83
CDL15_Pgr010025	16.82	19.62	44520
CDL15_Pgr010029	34820	17472	13.39
CDL15_Pgr010034	24.56	30.89	32.19
CDL15_Pgr010041	31686	18.33	19.76
CDL15_Pgr010056	17.30	44371	27.26
CDL15_Pgr010070	44400	27.89	31.99

CDL15_Pgr010073	224.75	243.48	258.39
CDL15_Pgr010177	0.03	0.48	0.61
CDL15_Pgr010193	35490	33329	25324
CDL15_Pgr010208	16224	13363	22890
CDL15_Pgr010209	16469	14885	44359
CDL15_Pgr010247	24320	20.59	28.92
CDL15_Pgr010279	44209	27.38	36.13
CDL15_Pgr010284	15432	43221	22767
CDL15_Pgr010298	30864	45.32	68.30
CDL15_Pgr010304	15.30	17.72	44548
CDL15_Pgr010326	57.59	101.86	109.13
CDL15_Pgr010351	13.37	24.52	34.54
CDL15_Pgr010365	44259	32690	34578
CDL15_Pgr010366	0.99	25477	46722
CDL15_Pgr010377	41699	25294	20576
CDL15_Pgr010384	309.14	449.33	486.81
CDL15_Pgr010395	126.76	187.36	214.97
CDL15_Pgr010432	44394	28.58	38.37
CDL15_Pgr010436	25903	18.97	20.32
CDL15_Pgr010447	72.69	100.00	105.47
CDL15_Pgr010455	0.21	0.64	0.79
CDL15_Pgr010475	0	0.29	0.35
CDL15_Pgr010489	0.63	32174	24532
CDL15_Pgr010502	14246	43497	30348
CDL15_Pgr010510	19937	15585	32387
CDL15_Pgr010513	0	0.14	0.19
CDL15_Pgr010515	27.35	102.80	139.32
CDL15_Pgr010516	41.34	65.41	70.14
CDL15_Pgr010550	44228	44380	17227
CDL15_Pgr010585	168.02	203.24	227.78
CDL15_Pgr010596	11355	30072	44204
CDL15_Pgr010643	30803	44409	47027
CDL15_Pgr010646	56.49	67.75	70.84
CDL15_Pgr010647	20.65	21.54	21.69
CDL15_Pgr010723	16.72	43.40	53.01

CDL15_Pgr010734	17.76	64.37	84.41
CDL15_Pgr010737	0	0.27	0.34
CDL15_Pgr010752	36.84	54.79	62.11
CDL15_Pgr010771	0	0.36	0.43
CDL15_Pgr010772	34455	26.88	38.80
CDL15_Pgr010789	0.11	0.52	0.80
CDL15_Pgr010836	138.44	169.70	183.71
CDL15_Pgr010860	22007	16.81	20.33
CDL15_Pgr010877	54.39	104.93	136.44
CDL15_Pgr010891	42248	44420	44421
CDL15_Pgr010901	44466	41.49	44.11
CDL15_Pgr010923	14.17	16.32	16.80
CDL15_Pgr010936	39.31	41.24	42.77
CDL15_Pgr010993	26999	16.57	17.66
CDL15_Pgr010996	0.53	44348	11689
CDL15_Pgr011037	28887	34121	24685
CDL15_Pgr011048	32082	22.27	24.57
CDL15_Pgr011069	0.85	41730	44536
CDL15_Pgr011070	46813	44381	27120
CDL15_Pgr011093	13.21	57.19	68.29
CDL15_Pgr011098	0	0.11	0.18
CDL15_Pgr011099	42948	16316	23255
CDL15_Pgr011121	0	0.24	0.45
CDL15_Pgr011139	30011	13697	47027
CDL15_Pgr011143	0	0.49	0.88
CDL15_Pgr011177	36.53	46.52	50.16
CDL15_Pgr011180	15.66	23.23	26.29
CDL15_Pgr011185	44396	22.64	44402
CDL15_Pgr011218	18.57	70.14	102.08
CDL15_Pgr011234	121.55	155.89	165.05
CDL15_Pgr011303	2069.48	2532.17	2603.05
CDL15_Pgr011322	12055	18660	13940
CDL15_Pgr011326	6017.03	8961.97	10098.28
CDL15_Pgr011358	45017	23.60	36.10
CDL15_Pgr011359	16834	21.29	44469

CDL15_Pgr011368	0	0.45	0.54
CDL15_Pgr011374	22.47	37.56	43.46
CDL15_Pgr011386	37.76	46.31	53.83
CDL15_Pgr011409	44896	17.62	19.24
CDL15_Pgr011434	81.77	92.19	98.09
CDL15_Pgr011452	45748	13636	20941
CDL15_Pgr011462	22.45	25.80	27.99
CDL15_Pgr011470	44294	31352	13.50
CDL15_Pgr011472	14489	25.81	39.10
CDL15_Pgr011518	0.91	503.29	736.43
CDL15_Pgr011557	115.50	142.32	164.57
CDL15_Pgr011594	11324	22313	44289
CDL15_Pgr011622	83.62	98.80	112.57
CDL15_Pgr011704	20.25	44558	30.79
CDL15_Pgr011742	31564	16711	45231
CDL15_Pgr011743	17.59	20.52	20.99
CDL15_Pgr011749	13.46	16.53	17.72
CDL15_Pgr011753	14.48	22.29	26.30
CDL15_Pgr011755	24654	12693	28764
CDL15_Pgr011769	15.58	20.78	23.71
CDL15_Pgr011779	17715	44272	21.86
CDL15_Pgr011794	15.91	44336	23.30
CDL15_Pgr011809	13.68	28.46	34.14
CDL15_Pgr011831	338.74	466.84	533.62
CDL15_Pgr011832	19.98	22.75	24.87
CDL15_Pgr011913	29587	12816	21217
CDL15_Pgr011940	0.14	0.28	0.36
CDL15_Pgr011945	19329	21.47	26.92
CDL15_Pgr011956	0	0.41	0.74
CDL15_Pgr011997	72.59	111.18	117.68
CDL15_Pgr012011	79.90	139.45	162.71
CDL15_Pgr012036	0.74	19054	20180
CDL15_Pgr012044	15.99	18.41	19.18
CDL15_Pgr012053	31.06	58.98	68.35
CDL15_Pgr012070	20241	21.23	33.94

CDL15_Pgr012084	31837	24929	30042
CDL15_Pgr012093	23863	31929	33786
CDL15_Pgr012120	23774	26938	28065
CDL15_Pgr012134	27638	13.81	17.34
CDL15_Pgr012139	45.55	52.63	56.42
CDL15_Pgr012152	25689	15.87	22.91
CDL15_Pgr012157	0	0.34	0.49
CDL15_Pgr012176	45078	14093	11963
CDL15_Pgr012189	13547	13.55	21.82
CDL15_Pgr012201	19.51	25.35	26.58
CDL15_Pgr012202	13.79	22.49	25.88
CDL15_Pgr012204	42.40	55.20	61.79
CDL15_Pgr012210	27.67	40.88	51.79
CDL15_Pgr012211	81.27	98.47	110.68
CDL15_Pgr012216	44866	44391	14.55
CDL15_Pgr012229	15.17	35.17	50.39
CDL15_Pgr012232	19.13	44284	34.48
CDL15_Pgr012233	16619	26938	32112
CDL15_Pgr012259	15797	27273	14.30
CDL15_Pgr012302	22282	34700	44441
CDL15_Pgr012445	0.51	15707	28856
CDL15_Pgr012452	23.65	60.52	70.60
CDL15_Pgr012618	38.42	46.62	52.00
CDL15_Pgr012629	44.22	86.50	92.26
CDL15_Pgr012701	44260	44263	32356
CDL15_Pgr012711	0.11	0.36	0.55
CDL15_Pgr012752	18660	22007	16954
CDL15_Pgr012758	15.14	20.48	24.72
CDL15_Pgr012762	52.12	87.56	106.69
CDL15_Pgr012783	0	0.67	44927
CDL15_Pgr012798	44230	43556	27120
CDL15_Pgr012817	163.87	412.86	613.56
CDL15_Pgr012834	19.79	48.39	55.79
CDL15_Pgr012836	15036	44248	32.97
CDL15_Pgr012837	13.60	19.56	23.70

CDL15_Pgr012838	33.86	38.37	40.88
CDL15_Pgr012856	21610	13636	44353
CDL15_Pgr012865	0.47	0.83	0.94
CDL15_Pgr012897	0.09	0.30	0.48
CDL15_Pgr012948	17654	13363	44417
CDL15_Pgr012957	0.02	0.37	0.53
CDL15_Pgr012996	0	0.11	0.16
CDL15_Pgr013058	19299	18.46	20.87
CDL15_Pgr013063	40.80	78.21	91.42
CDL15_Pgr013088	28.59	29.56	30.34
CDL15_Pgr013100	17288	44477	11933
CDL15_Pgr013124	44473	19268	13.94
CDL15_Pgr013267	44440	20029	16041
CDL15_Pgr013295	21.57	37.03	45.90
CDL15_Pgr013309	569.23	1275.30	1900.23
CDL15_Pgr013325	84.60	119.36	144.49
CDL15_Pgr013417	34366	52.89	68.12
CDL15_Pgr013439	74.80	89.51	102.00
CDL15_Pgr013483	44336	24.38	27.83
CDL15_Pgr013489	63.11	135.64	153.97
CDL15_Pgr013506	0.99	17.72	20.70
CDL15_Pgr013507	36404	14.39	16.66
CDL15_Pgr013554	24228	33878	13.98
CDL15_Pgr013560	25600	44535	28976
CDL15_Pgr013572	43.12	85.66	113.45
CDL15_Pgr013578	40.07	77.35	105.62
CDL15_Pgr013629	63.62	72.13	73.25
CDL15_Pgr013632	13.76	22.35	26.26
CDL15_Pgr013635	19.70	30.70	33.31
CDL15_Pgr013636	25842	15.42	17.30
CDL15_Pgr013671	14.63	30.24	37.75
CDL15_Pgr013688	16.17	35.16	52.37
CDL15_Pgr013704	31503	22.55	38.56
CDL15_Pgr013780	20.70	36.17	46.82
CDL15_Pgr013792	42795	29281	35490

CDL15_Pgr013794	3.00	12905	44203
CDL15_Pgr013809	34455	20729	13.22
CDL15_Pgr013815	27576	25538	14.97
CDL15_Pgr013822	45352	42856	43617
CDL15_Pgr013827	0.30	24139	25263
CDL15_Pgr013914	19.00	22.45	44400
CDL15_Pgr013923	44201	15158	47362
CDL15_Pgr013988	0.31	44318	13210
CDL15_Pgr013992	19.76	33.22	37.08
CDL15_Pgr014009	58.88	168.69	197.92
CDL15_Pgr014050	25020	14.85	17.97
CDL15_Pgr014051	44393	17.66	18.47
CDL15_Pgr014062	24.22	62.70	67.82
CDL15_Pgr014067	44.31	50.67	54.35
CDL15_Pgr014072	27.69	43.15	51.16
CDL15_Pgr014074	14246	32143	34700
CDL15_Pgr014077	19937	13.79	17.80
CDL15_Pgr014082	14824	25.32	39.64
CDL15_Pgr014117	44217	30.36	34.74
CDL15_Pgr014165	27.32	35.33	38.44
CDL15_Pgr014176	0.07	0.97	13881
CDL15_Pgr014242	26634	19.39	20.71
CDL15_Pgr014243	20.97	44376	35.54
CDL15_Pgr014249	184.34	311.86	343.87
CDL15_Pgr014259	0	0.07	0.10
CDL15_Pgr014285	44442	23.78	40.63
CDL15_Pgr014293	27760	35125	46113
CDL15_Pgr014296	16.17	48.10	55.40
CDL15_Pgr014309	27.97	52.68	55.79
CDL15_Pgr014332	397.29	426.18	443.53
CDL15_Pgr014353	0.97	42491	44234
CDL15_Pgr014354	18264	20.59	30.02
CDL15_Pgr014364	0	0.34	0.45
CDL15_Pgr014457	26.97	32.04	33.70
CDL15_Pgr014502	0.44	34335	46054

CDL15_Pgr014503	111.33	397.84	540.19
CDL15_Pgr014525	30348	14336	29312
CDL15_Pgr014535	21.43	31.55	33.37
CDL15_Pgr014536	31.41	37.53	39.00
CDL15_Pgr014543	0.88	46813	21276
CDL15_Pgr014544	27.21	46.48	53.54
CDL15_Pgr014546	45.25	85.69	115.42
CDL15_Pgr014634	15.24	38.26	48.41
CDL15_Pgr014635	117.69	162.50	182.95
CDL15_Pgr014714	64.49	75.21	80.17
CDL15_Pgr014730	0.74	43497	44503
CDL15_Pgr014742	13.15	21.89	27.78
CDL15_Pgr014752	26.92	41.99	47.84
CDL15_Pgr014754	557.88	876.07	1081.88
CDL15_Pgr014764	22402	17715	30498
CDL15_Pgr014768	18.73	37.07	43.88
CDL15_Pgr014772	59.87	83.90	101.04
CDL15_Pgr014776	38.04	72.68	85.24
CDL15_Pgr014794	0.43	44348	18264
CDL15_Pgr014811	0.54	0.80	0.84
CDL15_Pgr014825	0.19	0.76	43831
CDL15_Pgr014834	11994	21.83	27.25
CDL15_Pgr014837	29129	44396	21.66
CDL15_Pgr014842	18660	20637	21033
CDL15_Pgr014890	30.65	53.33	65.91
CDL15_Pgr014891	265.31	444.03	579.00
CDL15_Pgr014894	34.63	51.91	66.49
CDL15_Pgr014923	13.53	26.00	30.68
CDL15_Pgr014939	18.85	44399	22.79
CDL15_Pgr014995	33359	14.23	20.94
CDL15_Pgr015029	44271	20.89	22.79
CDL15_Pgr015036	61.00	78.64	82.78
CDL15_Pgr015055	34274	15.32	16.33
CDL15_Pgr015056	94.51	110.57	120.20
CDL15_Pgr015063	15.98	25.20	27.34

CDL15_Pgr015067	0	0.92	23743
CDL15_Pgr015094	343.81	551.44	594.09
CDL15_Pgr015097	28.37	36.66	41.66
CDL15_Pgr015099	15.27	22.94	24.73
CDL15_Pgr015100	558.62	901.09	987.98
CDL15_Pgr015132	20.16	26.23	29.34
CDL15_Pgr015151	14.76	44342	34.72
CDL15_Pgr015181	34213	44515	19.20
CDL15_Pgr015194	23.81	43.59	46.60
CDL15_Pgr015198	26085	44542	16.54
CDL15_Pgr015231	45839	27.14	33.13
CDL15_Pgr015235	23590	33178	19694
CDL15_Pgr015238	751.75	1197.93	1421.53
CDL15_Pgr015249	26877	34243	32478
CDL15_Pgr015252	53.67	73.91	79.91
CDL15_Pgr015256	44356	44517	19.68
CDL15_Pgr015271	107.75	144.76	156.50
CDL15_Pgr015273	17.39	44307	22.42
CDL15_Pgr015292	214.86	372.17	459.44
CDL15_Pgr015303	44289	14702	44291
CDL15_Pgr015307	44555	35.49	42.28
CDL15_Pgr015334	0.09	0.40	0.50
CDL15_Pgr015335	15766	44265	44361
CDL15_Pgr015370	22251	44340	44499
CDL15_Pgr015374	39.76	86.00	101.51
CDL15_Pgr015392	34121	45839	15158
CDL15_Pgr015407	0	47119	17899
CDL15_Pgr015413	19845	45901	44327
CDL15_Pgr015420	0	0.13	0.18
CDL15_Pgr015427	0	17533	21217
CDL15_Pgr015428	16.85	122.13	140.64
CDL15_Pgr015462	15.18	27.34	33.39
CDL15_Pgr015481	28.26	42.55	52.94
CDL15_Pgr015486	30.64	34.13	37.06
CDL15_Pgr015520	30773	31656	33878

CDL15_Pgr015532	44544	27.45	31.92
CDL15_Pgr015588	88.74	108.45	119.25
CDL15_Pgr015627	32143	24563	13302
CDL15_Pgr015634	35765	44518	20.54
CDL15_Pgr015639	11.00	17.17	22.42
CDL15_Pgr015646	44.79	57.52	68.97
CDL15_Pgr015649	17533	24504	34731
CDL15_Pgr015665	0.81	12055	27030
CDL15_Pgr015673	0.27	0.44	0.55
CDL15_Pgr015677	14.22	19.75	23.40
CDL15_Pgr015729	25.18	52.27	58.00
CDL15_Pgr015742	22951	32.10	44.29
CDL15_Pgr015747	0	30376	12206
CDL15_Pgr015763	44291	15554	36373
CDL15_Pgr015781	35400	16.90	17.55
CDL15_Pgr015788	11810	41548	13.42
CDL15_Pgr015824	19.74	21.42	22.67
CDL15_Pgr015836	44319	19085	44352
CDL15_Pgr015850	13.50	18.71	20.73
CDL15_Pgr015855	46784	44444	35217
CDL15_Pgr015857	45078	18872	25143
CDL15_Pgr015891	34394	18.69	20.97
CDL15_Pgr015898	0	0.09	0.17
CDL15_Pgr015905	0	32203	44317
CDL15_Pgr015909	48.32	58.54	67.11
CDL15_Pgr015931	24.30	35.13	40.84
CDL15_Pgr015941	11383	16041	16.51
CDL15_Pgr015974	0.40	0.71	0.84
CDL15_Pgr016042	0	0.13	0.23
CDL15_Pgr016058	11720	24167	35855
CDL15_Pgr016076	29.73	40.24	44.39
CDL15_Pgr016100	151.18	245.75	272.08
CDL15_Pgr016111	12206	44208	15.62
CDL15_Pgr016128	0.08	44228	26696
CDL15_Pgr016136	19.91	34.02	36.44

CDL15_Pgr016162	20515	24047	44548
CDL15_Pgr016169	36342	30926	33878
CDL15_Pgr016193	17.54	23.21	28.17
CDL15_Pgr016197	49.59	69.52	77.01
CDL15_Pgr016198	19.50	22.82	44433
CDL15_Pgr016202	83.10	108.91	116.89
CDL15_Pgr016217	46784	12540	19176
CDL15_Pgr016236	16.59	30.62	33.19
CDL15_Pgr016246	13028	16.69	19.29
CDL15_Pgr016260	44468	35.45	40.43
CDL15_Pgr016262	40.72	57.23	65.36
CDL15_Pgr016294	0	41275	46753
CDL15_Pgr016378	0	0.47	0.61
CDL15_Pgr016393	31472	13.24	14.43
CDL15_Pgr016430	327.79	453.95	507.28
CDL15_Pgr016431	98.78	177.23	198.22
CDL15_Pgr016432	44470	44291	12936
CDL15_Pgr016442	49.15	113.46	132.48
CDL15_Pgr016444	32.63	76.73	113.31
CDL15_Pgr016448	52.31	63.72	73.90
CDL15_Pgr016456	27364	18.22	22.30
CDL15_Pgr016457	256.59	1056.84	1179.18
CDL15_Pgr016475	44405	52.90	64.91
CDL15_Pgr016557	18.63	44216	20.76
CDL15_Pgr016608	14.31	18.83	44369
CDL15_Pgr016633	98.54	173.89	216.81
CDL15_Pgr016650	0.25	0.40	0.51
CDL15_Pgr016668	0	0.69	44378
CDL15_Pgr016671	0	14977	22313
CDL15_Pgr016677	0	47331	34608
CDL15_Pgr016683	27395	44486	27.65
CDL15_Pgr016687	0	43466	42767
CDL15_Pgr016708	17.56	28.15	29.51
CDL15_Pgr016764	0.11	0.67	0.97
CDL15_Pgr016769	26.24	45.83	54.52

CDL15_Pgr016793	19268	44550	25.23
CDL15_Pgr016889	23651	17.68	23.20
CDL15_Pgr016908	44415	14.29	16.62
CDL15_Pgr016927	15.85	26.40	32.25
CDL15_Pgr016929	739.61	746.43	750.07
CDL15_Pgr016967	18.75	30.45	33.04
CDL15_Pgr016970	0	0.82	41640
CDL15_Pgr016974	18719	35034	44306
CDL15_Pgr016988	16.27	41.78	59.47
CDL15_Pgr017001	0	44958	20515
CDL15_Pgr017002	0.80	44348	44531
CDL15_Pgr017021	44013	21.34	44407
CDL15_Pgr017088	44228	18384	34486
CDL15_Pgr017101	13.78	18.68	19.53
CDL15_Pgr017108	22.33	28.79	44469
CDL15_Pgr017124	0.68	23377	34700
CDL15_Pgr017125	0.52	45658	24108
CDL15_Pgr017127	44361	21.25	27.49
CDL15_Pgr017133	24.61	30.27	34.06
CDL15_Pgr017156	44242	17.44	44518
CDL15_Pgr017186	14763	31.34	35.02
CDL15_Pgr017222	19756	41334	46447
CDL15_Pgr017227	24320	44358	13.13
CDL15_Pgr017244	43160	13606	36251
CDL15_Pgr017288	163.87	412.86	613.56
CDL15_Pgr017356	16.67	18.59	19.92
CDL15_Pgr017370	0.85	22372	46174
CDL15_Pgr017373	18.56	34.90	45.48
CDL15_Pgr017394	0	28522	27820
CDL15_Pgr017447	29677	18050	29007
CDL15_Pgr017540	0	0.09	0.12
CDL15_Pgr017579	13.97	28.22	33.95
CDL15_Pgr017585	21.54	44405	29.33
CDL15_Pgr017596	44439	55.34	64.31
CDL15_Pgr017617	0.27	0.95	14977

CDL15_Pgr017624	14.45	27.39	33.24
CDL15_Pgr017658	50.06	58.90	64.07
CDL15_Pgr017665	0.89	44378	43831
CDL15_Pgr017678	31413	45413	12206
CDL15_Pgr017705	0	0.70	41640
CDL15_Pgr017716	49.40	75.24	78.74
CDL15_Pgr017740	123.89	255.70	370.19
CDL15_Pgr017747	44350	13.22	17.74
CDL15_Pgr017748	27.93	106.92	165.06
CDL15_Pgr017752	19815	45901	34943
CDL15_Pgr017759	41671	22372	24593
CDL15_Pgr017764	27.96	42.57	46.38
CDL15_Pgr017819	25385	22.50	24.96
CDL15_Pgr017835	0.15	26330	27820
CDL15_Pgr017840	44287	28491	36161
CDL15_Pgr017853	30.15	49.08	58.00
CDL15_Pgr017855	19480	24351	26207
CDL15_Pgr017877	42401	35125	17624
CDL15_Pgr017885	44350	44381	27120
CDL15_Pgr017946	27.22	42.94	55.40
CDL15_Pgr017977	2.00	19572	45597
CDL15_Pgr017993	43.46	60.30	62.60
CDL15_Pgr018027	23863	15.60	44432
CDL15_Pgr018040	29646	29799	43405
CDL15_Pgr018057	28856	44986	28550
CDL15_Pgr018077	59.04	73.33	75.99
CDL15_Pgr018090	41.45	48.15	53.78
CDL15_Pgr018109	16.78	19.76	20.85
CDL15_Pgr018128	26.62	32.54	37.08
CDL15_Pgr018141	44278	37.21	42.52
CDL15_Pgr018155	41334	26024	47239
CDL15_Pgr018157	32874	44621	44381
CDL15_Pgr018159	15.58	21.34	22.91
CDL15_Pgr018175	44450	14.58	44394
CDL15_Pgr018195	143.31	205.36	215.26

CDL15_Pgr018196	21.65	55.39	70.31
CDL15_Pgr018207	68.70	89.78	95.13
CDL15_Pgr018221	24259	44269	18.74
CDL15_Pgr018226	15250	28095	14.50
CDL15_Pgr018236	22.42	26.75	28.16
CDL15_Pgr018249	10990	44289	17593
CDL15_Pgr018252	0.83	15766	41395
CDL15_Pgr018256	0.41	32599	44261
CDL15_Pgr018317	0.59	44288	26696
CDL15_Pgr018318	0.78	22313	28185
CDL15_Pgr018320	93.69	225.90	253.13
CDL15_Pgr018353	25.17	37.49	39.07
CDL15_Pgr018361	0.25	0.56	0.75
CDL15_Pgr018376	15.93	28.75	32.00
CDL15_Pgr018514	31778	42826	44413
CDL15_Pgr018515	30164	21794	45931
CDL15_Pgr018558	25.46	36.36	43.01
CDL15_Pgr018578	0	0.27	0.38
CDL15_Pgr018589	21885	19.82	23.97
CDL15_Pgr018608	38.57	66.32	72.37
CDL15_Pgr018611	14001	20668	17807
CDL15_Pgr018704	38.48	49.09	55.16
CDL15_Pgr018706	21.79	25.50	27.65
CDL15_Pgr018730	176.79	214.69	227.58
CDL15_Pgr018736	93.04	147.37	174.79
CDL15_Pgr018764	39.71	43.22	44.91
CDL15_Pgr018768	0.21	24108	43132
CDL15_Pgr018798	0.50	0.93	44256
CDL15_Pgr018810	29.82	36.71	39.58
CDL15_Pgr018828	33298	29403	11933
CDL15_Pgr018830	0.08	0.16	0.20
CDL15_Pgr018832	81.78	153.18	165.60
CDL15_Pgr018846	0	0.33	0.45
CDL15_Pgr018853	203.71	616.26	875.49
CDL15_Pgr018858	35065	4.00	22767

CDL15_Pgr018862	16.67	17.82	18.20
CDL15_Pgr018865	31472	22.67	34.64
CDL15_Pgr018892	0.30	15707	28491
CDL15_Pgr018894	33.15	37.72	39.26
CDL15_Pgr018897	60.10	92.70	102.42
CDL15_Pgr018928	0.37	10959	19725
CDL15_Pgr018949	0	0.39	0.73
CDL15_Pgr018973	15646	16.95	17.73
CDL15_Pgr018980	72.24	91.41	95.39
CDL15_Pgr018982	28.37	52.84	59.39
CDL15_Pgr018986	28.33	48.40	55.78
CDL15_Pgr018994	16.37	25.83	27.38
CDL15_Pgr019019	44202	18.34	22.58
CDL15_Pgr019025	65.12	73.82	74.94
CDL15_Pgr019035	18719	25416	18872
CDL15_Pgr019059	29.45	79.31	93.29
CDL15_Pgr019104	46296	18.31	20.77
CDL15_Pgr019105	24532	11536	11933
CDL15_Pgr019120	2.00	28672	15220
CDL15_Pgr019156	15.90	21.16	24.37
CDL15_Pgr019185	18050	15.51	23.49
CDL15_Pgr019186	27485	30256	13.44
CDL15_Pgr019198	13.65	29.62	38.54
CDL15_Pgr019205	0.13	0.39	0.62
CDL15_Pgr019208	28.19	33.90	37.11
CDL15_Pgr019216	0.32	22098	28703
CDL15_Pgr019269	32234	43678	36373
CDL15_Pgr019285	136.24	172.89	181.91
CDL15_Pgr019287	0	0.25	0.38
CDL15_Pgr019307	12816	16862	44652
CDL15_Pgr019324	0.12	0.25	0.30
CDL15_Pgr019354	54.74	77.50	87.97
CDL15_Pgr019365	0	0.55	0.62
CDL15_Pgr019373	0.11	1.00	45658
CDL15_Pgr019380	0	0.18	0.28

CDL15_Pgr019399	44452	55.22	61.19
CDL15_Pgr019414	20271	44418	31352
CDL15_Pgr019425	43709	20.86	24.26
CDL15_Pgr019432	0.08	0.49	0.75
CDL15_Pgr019433	11444	25355	43647
CDL15_Pgr019501	25965	31837	13606
CDL15_Pgr019505	0.11	0.26	0.31
CDL15_Pgr019512	0	0.14	0.22
CDL15_Pgr019536	0	0.14	0.21
CDL15_Pgr019558	550.80	974.39	1354.01
CDL15_Pgr019578	0	44197	25204
CDL15_Pgr019610	27546	26481	44355
CDL15_Pgr019614	35370	44484	44332
CDL15_Pgr019687	0	0.84	14611
CDL15_Pgr019694	28856	15.52	25.53
CDL15_Pgr019704	216.05	430.03	583.97
CDL15_Pgr019717	43009	44297	26969
CDL15_Pgr019720	43.35	61.40	68.54
CDL15_Pgr019723	23774	45839	21459
CDL15_Pgr019724	32782	44545	16.62
CDL15_Pgr019727	17.69	44337	22.92
CDL15_Pgr019739	201.93	252.18	269.74
CDL15_Pgr019755	24.22	49.64	64.82
CDL15_Pgr019773	27851	32417	14215
CDL15_Pgr019782	22647	17930	28157
CDL15_Pgr019797	104.12	118.84	121.94
CDL15_Pgr019815	19.28	30.83	35.75
CDL15_Pgr019856	43.11	72.84	81.93
CDL15_Pgr019867	32690	13.26	17.94
CDL15_Pgr019870	81.98	220.09	316.46
CDL15_Pgr019878	0	42370	17168
CDL15_Pgr019879	33.20	35.90	36.28
CDL15_Pgr019890	26238	13.66	14.43
CDL15_Pgr019896	23894	30498	28338
CDL15_Pgr019935	33.29	45.33	51.04

CDL15_Pgr019937	46661	16.14	17.68
CDL15_Pgr019940	38.03	42.35	44.02
CDL15_Pgr019944	41671	13.18	16.63
CDL15_Pgr019947	41821	15585	32417
CDL15_Pgr019954	42401	19.57	27.28
CDL15_Pgr019958	17958	21671	21337
CDL15_Pgr019966	102.12	170.57	200.09
CDL15_Pgr019974	27791	32295	21398
CDL15_Pgr020000	26146	21.75	25.54
CDL15_Pgr020005	25051	14.20	15.46
CDL15_Pgr020007	72.52	137.68	156.83
CDL15_Pgr020063	26.38	65.32	71.74
CDL15_Pgr020076	25628	44348	29403
CDL15_Pgr020116	18.23	44.14	49.97
CDL15_Pgr020143	49.24	61.47	68.72
CDL15_Pgr020149	40.60	57.22	67.49
CDL15_Pgr020169	16.22	22.23	26.85
CDL15_Pgr020206	0.09	13881	23743
CDL15_Pgr020260	18.66	19.92	44550
CDL15_Pgr020286	155.58	298.20	335.83
CDL15_Pgr020290	17654	14397	25720
CDL15_Pgr020291	16.16	20.49	21.28
CDL15_Pgr020327	262.19	372.10	392.78
CDL15_Pgr020378	0	0.24	0.41
CDL15_Pgr020409	19238	15.38	17.87
CDL15_Pgr020460	16.26	20.87	22.72
CDL15_Pgr020474	0	45292	31048
CDL15_Pgr020487	44075	17.48	20.50
CDL15_Pgr020490	44355	44479	31352
CDL15_Pgr020494	16011	15.45	17.53
CDL15_Pgr020535	14611	43862	15008
CDL15_Pgr020541	13271	13.67	44271
CDL15_Pgr020556	24.34	45.05	55.46
CDL15_Pgr020576	0.80	28915	21671
CDL15_Pgr020581	279.08	393.53	441.28

CDL15_Pgr020597	0.16	0.97	42736
CDL15_Pgr020601	0.16	44287	18994
CDL15_Pgr020603	44531	34029	45444
CDL15_Pgr020606	0.17	42522	41913
CDL15_Pgr020614	12997	23255	25477
CDL15_Pgr020646	0	2.00	16103
CDL15_Pgr020780	29099	44207	11263
CDL15_Pgr020810	90.49	134.90	146.87
CDL15_Pgr020846	14.74	21.40	22.83
CDL15_Pgr020922	11628	20.49	44371
CDL15_Pgr020955	21610	25385	18111
CDL15_Pgr020956	0.22	32874	13181
CDL15_Pgr020961	24869	29312	41791
CDL15_Pgr020982	31898	46357	14.31
CDL15_Pgr020985	13.92	20.91	21.79
CDL15_Pgr021108	45108	41944	34304
CDL15_Pgr021154	41883	17046	22160
CDL15_Pgr021158	46.94	126.43	174.71
CDL15_Pgr021175	30.21	38.19	43.06
CDL15_Pgr021192	50.72	62.74	65.78
CDL15_Pgr021240	0.35	0.49	0.58
CDL15_Pgr021274	53.76	91.92	118.71
CDL15_Pgr021277	202.71	230.09	234.83
CDL15_Pgr021278	45658	33604	44502
CDL15_Pgr021299	313.15	445.63	465.34
CDL15_Pgr021311	122.31	192.45	244.79
CDL15_Pgr021322	44451	44271	17.78
CDL15_Pgr021329	13.35	18.68	19.72
CDL15_Pgr021359	13.22	18.84	44552
CDL15_Pgr021420	30895	32782	34639
CDL15_Pgr021447	47.64	88.45	125.20
CDL15_Pgr021460	26.30	62.39	76.44
CDL15_Pgr021466	0	0.58	0.90
CDL15_Pgr021506	47331	36434	13.24
CDL15_Pgr021509	60.35	70.79	73.24

CDL15_Pgr021522	14.60	19.70	23.13
CDL15_Pgr021533	27426	24563	13271
CDL15_Pgr021546	1102.98	1208.73	1258.74
CDL15_Pgr021554	44319	28034	27364
CDL15_Pgr021578	16893	11841	30468
CDL15_Pgr021593	29281	26177	18172
CDL15_Pgr021631	0	0.25	0.46
CDL15_Pgr021637	25842	17.61	20.90
CDL15_Pgr021639	64.60	85.05	90.41
CDL15_Pgr021650	27699	14.70	15.88
CDL15_Pgr021680	44166	24.91	44343
CDL15_Pgr021688	12055	44446	18872
CDL15_Pgr021708	44314	50.44	61.38
CDL15_Pgr021709	33970	34790	17288
CDL15_Pgr021714	29129	16041	13.87
CDL15_Pgr021724	39.74	48.80	53.52
CDL15_Pgr021725	0	0.30	0.55
CDL15_Pgr021728	0.18	0.55	0.76
CDL15_Pgr021772	13759	44451	28095
CDL15_Pgr021832	44562	21217	44319
CDL15_Pgr021838	110.97	152.62	160.91
CDL15_Pgr021845	139.46	232.20	268.31
CDL15_Pgr021869	25355	45474	14427
CDL15_Pgr021904	22.29	32.75	39.37
CDL15_Pgr021914	17258	17.50	21.48
CDL15_Pgr021917	44363	31.62	37.23
CDL15_Pgr022012	44415	24685	33451
CDL15_Pgr022038	30742	23468	44535
CDL15_Pgr022111	53.61	91.11	98.14
CDL15_Pgr022141	29.95	31.51	32.21
CDL15_Pgr022159	47270	44105	24412
CDL15_Pgr022163	43.95	107.39	128.43
CDL15_Pgr022164	47.85	52.50	56.46
CDL15_Pgr022166	0	0.18	0.24
CDL15_Pgr022183	31686	19.76	23.50

CDL15_Pgr022212	71.30	116.51	128.46
CDL15_Pgr022251	15036	19845	44384
CDL15_Pgr022288	42826	17715	30895
CDL15_Pgr022372	55.40	67.60	76.79
CDL15_Pgr022412	21551	33298	32234
CDL15_Pgr022418	44476	23621	21824
CDL15_Pgr022492	16285	13820	26268
CDL15_Pgr022498	33239	44533	44443
CDL15_Pgr022507	47209	33725	20607
CDL15_Pgr022519	25.55	61.01	75.03
CDL15_Pgr022520	19.21	34.36	37.04
CDL15_Pgr022524	0.10	0.57	0.64
CDL15_Pgr022526	44318	13940	11414
CDL15_Pgr022536	0.28	0.96	44927
CDL15_Pgr022540	29891	26.99	32.39
CDL15_Pgr022565	44213	26.76	44468
CDL15_Pgr022581	16834	31444	43160
CDL15_Pgr022638	42917	132.69	208.65
CDL15_Pgr022665	44287	24685	44238
CDL15_Pgr022680	43466	12510	28642
CDL15_Pgr022694	12997	13.39	16.35
CDL15_Pgr022726	26.73	33.77	39.19
CDL15_Pgr022729	0.05	0.50	0.57
CDL15_Pgr022732	64.24	91.74	98.15
CDL15_Pgr022742	30376	46631	23316
CDL15_Pgr022745	93.52	201.74	263.38
CDL15_Pgr022764	59.78	177.44	200.80
CDL15_Pgr022772	60.51	67.78	73.07
CDL15_Pgr022773	33.34	79.86	109.78
CDL15_Pgr022775	18629	26299	28856
CDL15_Pgr022818	27.22	30.28	32.93
CDL15_Pgr022831	27851	12236	24289
CDL15_Pgr022879	0.48	42430	33695
CDL15_Pgr022886	26.32	42.92	45.52
CDL15_Pgr022896	17.20	71.29	93.98

CDL15_Pgr022897	0	23012	47150
CDL15_Pgr022905	15.57	25.96	29.48
CDL15_Pgr022909	0.34	0.52	0.62
CDL15_Pgr022916	88.29	102.06	112.02
CDL15_Pgr022958	31.85	51.74	69.13
CDL15_Pgr022984	17.56	29.19	34.99
CDL15_Pgr023011	0.05	0.33	0.46
CDL15_Pgr023023	17.17	33.45	41.77
CDL15_Pgr023098	21551	33604	2.00
CDL15_Pgr023145	0.88	14246	29587
CDL15_Pgr023197	0.33	46054	16497
CDL15_Pgr023232	31472	34759	4.00
CDL15_Pgr023235	92.18	143.77	162.73
CDL15_Pgr023309	24869	30987	15.20
CDL15_Pgr023312	0.03	0.09	0.13
CDL15_Pgr023349	0.44	44958	28522
CDL15_Pgr023382	44501	12298	28065
CDL15_Pgr023439	44360	18.76	20.57
CDL15_Pgr023461	0.33	44257	32905
CDL15_Pgr023476	21947	27820	18719
CDL15_Pgr023488	38.32	49.74	53.34
CDL15_Pgr023524	52.38	88.51	114.77
CDL15_Pgr023535	45352	27454	31472
CDL15_Pgr023590	43.96	79.03	107.05
CDL15_Pgr023607	0	0.68	43831
CDL15_Pgr023613	21.88	30.49	33.29
CDL15_Pgr023659	17.50	21.87	22.96
CDL15_Pgr023700	0.07	0.69	44562
CDL15_Pgr023744	25477	13.21	14.26
CDL15_Pgr023770	15.63	19.72	22.77
CDL15_Pgr023772	11202	14.00	15.44
CDL15_Pgr023864	20.18	21.36	22.43
CDL15_Pgr023917	21916	45413	46174
CDL15_Pgr023943	0	18629	44318
CDL15_Pgr024006	44232	33725	15493

CDL15_Pgr024021	24869	46478	15827
CDL15_Pgr024033	0.69	20852	43525
CDL15_Pgr024044	26.30	58.63	80.44
CDL15_Pgr024063	0.56	46054	28915
CDL15_Pgr024083	0.39	15707	33970
CDL15_Pgr024108	33573	48.74	73.65
CDL15_Pgr024111	13181	34060	33390
CDL15_Pgr024134	43.57	60.94	75.37
CDL15_Pgr024148	42552	18507	34608
CDL15_Pgr024158	14.50	26.36	33.87
CDL15_Pgr024218	14.30	20.71	25.21
CDL15_Pgr024222	29190	17.43	44397
CDL15_Pgr024252	23012	46813	25628
CDL15_Pgr024260	15.51	26.84	31.72
CDL15_Pgr024262	21367	44470	14215
CDL15_Pgr024265	39.28	56.52	61.25
CDL15_Pgr024276	31898	44234	45839
CDL15_Pgr024279	22402	13.66	15.87
CDL15_Pgr024285	96.18	177.89	218.26
CDL15_Pgr024305	21.21	28.79	31.81
CDL15_Pgr024339	0.53	0.80	0.92
CDL15_Pgr024341	0.86	12785	26299
CDL15_Pgr024344	13.17	19.23	20.93
CDL15_Pgr024351	44384	44265	41974
CDL15_Pgr024363	25204	14916	15.16
CDL15_Pgr024384	13455	13.19	14.46
CDL15_Pgr024404	29281	12693	34304
CDL15_Pgr024426	0	0.17	0.21
CDL15_Pgr024436	70.54	166.78	190.66
CDL15_Pgr024466	14.81	19.88	22.89
CDL15_Pgr024467	0	0.65	44256
CDL15_Pgr024486	0	44348	32874
CDL15_Pgr024487	30348	44443	16893
CDL15_Pgr024502	44355	44531	34304
CDL15_Pgr024522	0	18.97	36.14

CDL15_Pgr024525	56.26	85.43	91.12
CDL15_Pgr024532	13.33	19.64	23.53
CDL15_Pgr024535	0	0.22	0.38
CDL15_Pgr024537	0	0.57	0.89
CDL15_Pgr024539	28430	21.41	22.86
CDL15_Pgr024552	182.01	206.23	223.59
CDL15_Pgr024564	44472	13850	17.97
CDL15_Pgr024603	0	35462	35855
CDL15_Pgr024610	0.37	0.52	0.65
CDL15_Pgr024638	17593	47270	17380
CDL15_Pgr024692	0.08	0.34	0.52
CDL15_Pgr024698	17.14	24.56	28.91
CDL15_Pgr024706	0.25	0.38	0.45
CDL15_Pgr024717	0	0.33	0.52
CDL15_Pgr024767	21.68	30.35	34.88
CDL15_Pgr024780	53.43	64.20	67.40
CDL15_Pgr024781	16.33	20.57	22.58
CDL15_Pgr024852	122.33	196.96	261.16
CDL15_Pgr024893	42156	30926	29860
CDL15_Pgr024895	32.44	58.30	64.23
CDL15_Pgr024898	24381	24807	44514
CDL15_Pgr024900	13210	45413	23529
CDL15_Pgr024904	18.27	44310	28.65
CDL15_Pgr024953	31.62	40.67	42.98
CDL15_Pgr024960	0.16	15.37	22.34
CDL15_Pgr024965	0	44501	45658
CDL15_Pgr024982	37.10	62.20	78.24
CDL15_Pgr025000	30.92	40.25	48.09
CDL15_Pgr025033	36.96	57.93	67.33
CDL15_Pgr025034	29.18	42.85	47.25
CDL15_Pgr025049	140.00	219.50	254.56
CDL15_Pgr025051	30.42	62.87	85.27
CDL15_Pgr025054	0.10	12844	31898
CDL15_Pgr025066	42.18	91.71	116.41
CDL15_Pgr025073	0.69	44472	16862

CDL15_Pgr025077	47.46	74.88	82.56
CDL15_Pgr025084	19.49	23.75	27.60
CDL15_Pgr025104	73.82	123.58	131.85
CDL15_Pgr025108	41275	11475	44264
CDL15_Pgr025129	0.04	0.12	0.16
CDL15_Pgr025212	14277	13241	44322
CDL15_Pgr025217	15766	45139	32356
CDL15_Pgr025235	44545	16.21	44547
CDL15_Pgr025273	124.28	172.48	212.63
CDL15_Pgr025275	189.72	266.17	297.61
CDL15_Pgr025278	56.47	74.78	87.48
CDL15_Pgr025285	14.37	44272	18.79
CDL15_Pgr025286	23529	24.13	31.22
CDL15_Pgr025318	101.81	128.66	143.79
CDL15_Pgr025349	11780	43983	27211
CDL15_Pgr025361	19.30	26.63	33.19
CDL15_Pgr025373	42.72	61.18	73.58
CDL15_Pgr025374	54.27	65.62	70.50
CDL15_Pgr025379	0	0.36	0.50
CDL15_Pgr025385	16742	16.22	44395
CDL15_Pgr025399	42217	36008	12663
CDL15_Pgr025407	0.15	46844	32264
CDL15_Pgr025412	0.40	47119	27395
CDL15_Pgr025424	38.73	49.92	55.96
CDL15_Pgr025429	28.18	40.64	49.35
CDL15_Pgr025454	14.61	44518	20.34
CDL15_Pgr025460	29.86	37.80	40.73
CDL15_Pgr025464	17.90	31.39	33.64
CDL15_Pgr025465	17.27	21.00	24.27
CDL15_Pgr025482	24.83	33.34	40.39
CDL15_Pgr025497	0	0.49	0.78
CDL15_Pgr025510	12145	16193	44261
CDL15_Pgr025518	29.91	52.44	60.07
CDL15_Pgr025549	17.93	29.61	36.31
CDL15_Pgr025555	71.68	98.93	117.99

CDL15_Pgr025574	15615	33909	17868
CDL15_Pgr025575	36312	26877	47392
CDL15_Pgr025580	36.77	63.34	70.08
CDL15_Pgr025587	11.00	20059	13.69
CDL15_Pgr025603	60.13	118.14	133.41
CDL15_Pgr025627	0.02	0.11	0.15
CDL15_Pgr025646	44.49	53.33	58.40
CDL15_Pgr025650	27.68	42.49	48.59
CDL15_Pgr025659	0.76	44410	44621
CDL15_Pgr025678	17807	18.98	24.19
CDL15_Pgr025688	17.87	44550	21.35
CDL15_Pgr025719	15919	72.93	93.69
CDL15_Pgr025730	117.96	160.85	196.97
CDL15_Pgr025789	44459	27.95	31.67
CDL15_Pgr025803	0.14	0.24	0.33
CDL15_Pgr025826	70.79	1282.22	1909.67
CDL15_Pgr025829	38.52	46.93	54.02
CDL15_Pgr025842	22.72	54.11	62.76
CDL15_Pgr025868	0.76	31564	25781
CDL15_Pgr025887	40.36	52.58	60.99
CDL15_Pgr025896	35278	14215	30286
CDL15_Pgr025900	0	0.15	0.20
CDL15_Pgr025917	23437	24929	12905
CDL15_Pgr025925	54.76	113.02	130.51
CDL15_Pgr025926	0.43	14277	41699
CDL15_Pgr025945	278.53	312.24	320.46
CDL15_Pgr025968	33390	17015	41883
CDL15_Pgr025994	44713	25385	33817
CDL15_Pgr026001	18.73	25.77	44405
CDL15_Pgr026018	17.60	18.25	18.83
CDL15_Pgr026020	34547	15.59	18.64
CDL15_Pgr026033	20880	23955	30956
CDL15_Pgr026059	24047	17.94	22.00
CDL15_Pgr026064	15646	15.77	16.42
CDL15_Pgr026069	20.55	28.45	44227

CDL15_Pgr026100	15.17	29.50	38.31
CDL15_Pgr026117	47239	12936	24624
CDL15_Pgr026123	52.49	75.14	80.59
CDL15_Pgr026197	23.79	32.35	36.96
CDL15_Pgr026251	17958	30.13	37.11
CDL15_Pgr026288	210.47	382.85	415.44
CDL15_Pgr026375	12206	16.69	44519
CDL15_Pgr026385	44220	26.33	27.90
CDL15_Pgr026395	21429	16.13	21.67
CDL15_Pgr026403	29587	44231	23863
CDL15_Pgr026439	0.80	45658	11324
CDL15_Pgr026447	44391	22.98	26.48
CDL15_Pgr026495	0	0.41	0.61
CDL15_Pgr026534	46327	14.53	15.39
CDL15_Pgr026544	0.03	44349	31079
CDL15_Pgr026548	0.10	17564	27820
CDL15_Pgr026582	46844	14824	28734
CDL15_Pgr026603	44239	20.90	44494
CDL15_Pgr026625	32.12	35.17	35.59
CDL15_Pgr026696	0.18	0.61	0.72
CDL15_Pgr026785	34.81	51.79	60.86
CDL15_Pgr026806	32417	59.37	69.36
CDL15_Pgr026824	17.84	20.16	22.19
CDL15_Pgr026839	25355	20637	44355
CDL15_Pgr026843	79.82	97.85	105.12
CDL15_Pgr026846	26.97	40.98	45.43
CDL15_Pgr026849	0	0.43	0.82
CDL15_Pgr026853	16.32	26.44	32.15
CDL15_Pgr026873	20.33	30.31	32.10
CDL15_Pgr026887	0.19	0.84	44348
CDL15_Pgr026893	28491	29281	23833
CDL15_Pgr026896	29952	17227	17989
CDL15_Pgr026922	58.22	84.23	89.77
CDL15_Pgr026928	170.48	187.14	189.41
CDL15_Pgr026930	44484	44487	20.74

CDL15_Pgr027016	0	0.58	0.91
CDL15_Pgr027068	48.62	54.32	55.58
CDL15_Pgr027111	14.13	20.52	23.59
CDL15_Pgr027141	0	0.20	0.37
CDL15_Pgr027143	20576	43344	44470
CDL15_Pgr027149	31.38	36.36	37.77
CDL15_Pgr027176	14.40	28.81	32.90
CDL15_Pgr027225	28.91	46.92	51.41
CDL15_Pgr027276	98.48	117.23	127.77
CDL15_Pgr027280	24.83	45.16	48.37
CDL15_Pgr027283	29.64	39.63	46.59
CDL15_Pgr027288	44.35	50.84	51.86
CDL15_Pgr027299	66.88	71.18	74.08
CDL15_Pgr027323	44441	44231	22737
CDL15_Pgr027331	44044	43405	44481
CDL15_Pgr027358	25628	33329	18384
CDL15_Pgr027398	22282	11355	25235
CDL15_Pgr027424	17.51	22.87	44312
CDL15_Pgr027431	0.51	0.64	0.73
CDL15_Pgr027520	11933	15615	42675
CDL15_Pgr027541	158.01	265.77	307.84
CDL15_Pgr027620	40.94	64.97	75.57
CDL15_Pgr027626	16.47	38.69	42.23
CDL15_Pgr027699	18.87	29.29	35.04
CDL15_Pgr027718	15.34	18.59	44306
CDL15_Pgr027747	70.10	135.78	145.33
CDL15_Pgr027755	15.28	17.24	17.92
CDL15_Pgr027762	78.02	224.62	248.16
CDL15_Pgr027770	19.63	24.72	25.38
CDL15_Pgr027796	44306	29.23	33.31
CDL15_Pgr027799	20.76	27.56	32.51
CDL15_Pgr027801	30225	14.97	16.41
CDL15_Pgr027809	26054	31959	36008
CDL15_Pgr027816	33.67	75.84	99.52
CDL15_Pgr027819	64.32	98.08	104.40

CDL15_Pgr027833	0.68	46784	44199
CDL15_Pgr027834	27.58	37.61	43.12
CDL15_Pgr027842	29.42	58.25	66.15
CDL15_Pgr027852	27791	11049	22372
CDL15_Pgr027867	18354	26146	27668
CDL15_Pgr027909	22313	29281	11049
CDL15_Pgr027912	14.29	44252	28.78
CDL15_Pgr027913	13241	15250	14.51
CDL15_Pgr027928	70.36	77.09	80.72
CDL15_Pgr027965	17838	17.99	21.29
CDL15_Pgr027966	0.45	35977	19633
CDL15_Pgr027985	0.26	0.84	44256
CDL15_Pgr027990	142.95	260.46	348.19
CDL15_Pgr027997	35674	36465	17868
CDL15_Pgr028010	64.47	88.59	106.71
CDL15_Pgr028012	19.57	21.50	21.93
CDL15_Pgr028048	179.13	295.12	336.67
CDL15_Pgr028154	26.91	241.00	276.47
CDL15_Pgr028162	48.03	75.41	81.31
CDL15_Pgr028165	23.82	56.45	73.29
CDL15_Pgr028167	12145	18.76	25.74
CDL15_Pgr028175	33.71	41.71	44.33
CDL15_Pgr028182	31.19	63.99	83.34
CDL15_Pgr028188	36.70	46.13	54.21
CDL15_Pgr028204	0.54	30317	26696
CDL15_Pgr028210	0	0.79	0.98
CDL15_Pgr028211	27.50	31.36	33.01
CDL15_Pgr028224	44512	15.39	16.86
CDL15_Pgr028237	13.91	44216	23.00
CDL15_Pgr028251	20668	26938	44136
CDL15_Pgr028323	14.35	15.36	15.76
CDL15_Pgr028339	17.20	44431	27.60
CDL15_Pgr028368	30560	34304	15.28
CDL15_Pgr028369	55.46	72.88	84.72
CDL15_Pgr028372	55.06	61.96	63.74

CDL15_Pgr028377	35.35	50.04	55.01
CDL15_Pgr028378	44215	19.52	19.96
CDL15_Pgr028381	0.77	31564	44416
CDL15_Pgr028400	0.64	0.93	44348
CDL15_Pgr028437	31.57	111.00	182.14
CDL15_Pgr028449	44448	20424	44392
CDL15_Pgr028470	18.70	20.44	21.25
CDL15_Pgr028484	15342	31048	44379
CDL15_Pgr028487	0	0.37	0.67
CDL15_Pgr028532	171.90	291.04	335.82
CDL15_Pgr028533	15.24	28.57	31.62
CDL15_Pgr028562	18.18	40.04	47.95
CDL15_Pgr028603	44390	17.40	18.33
CDL15_Pgr028647	55.33	69.56	72.89
CDL15_Pgr028673	36465	17.78	20.26
CDL15_Pgr028682	0.07	0.63	0.86
CDL15_Pgr028701	0.18	0.67	0.87
CDL15_Pgr028705	44208	20.17	26.28
CDL15_Pgr028727	55.69	102.59	122.47
CDL15_Pgr028736	11355	17.85	23.77
CDL15_Pgr028738	35309	17.37	23.20
CDL15_Pgr028743	19845	24807	15.97
CDL15_Pgr028744	36.44	64.48	82.92
CDL15_Pgr028749	0.77	19391	25993
CDL15_Pgr028751	33786	44422	44457
CDL15_Pgr028781	59.12	63.19	66.32
CDL15_Pgr028785	45.16	49.47	50.97
CDL15_Pgr028829	0	0.49	0.81
CDL15_Pgr028840	25.69	30.66	33.68
CDL15_Pgr028859	18.59	20.36	21.78
CDL15_Pgr028874	44385	24077	15.28
CDL15_Pgr028876	36.98	51.58	53.86
CDL15_Pgr028885	0	0.85	44197
CDL15_Pgr028911	18.85	28.67	32.35
CDL15_Pgr028919	164.48	249.95	298.02

CDL15_Pgr028920	68.80	76.25	78.07
CDL15_Pgr028963	67.79	106.95	118.21
CDL15_Pgr028980	44465	61.62	84.14
CDL15_Pgr029011	13.45	13.95	14.15
CDL15_Pgr029038	16.58	18.96	44367
CDL15_Pgr029086	19360	44444	22098
CDL15_Pgr029092	13.43	44396	24.15
CDL15_Pgr029111	35.35	38.85	40.99
CDL15_Pgr029146	22.25	28.67	33.68
CDL15_Pgr029147	21.68	28.34	30.84
CDL15_Pgr029195	47.45	98.40	116.11
CDL15_Pgr000034	0	0.63	0.43
CDL15_Pgr000059	18019	48.32	39.28
CDL15_Pgr000074	42.69	83.09	69.77
CDL15_Pgr000145	0	0.16	0.15
CDL15_Pgr000190	23498	20668	23590
CDL15_Pgr000194	16.51	20.53	19.90
CDL15_Pgr000202	15432	23132	25324
CDL15_Pgr000235	0.11	0.64	0.55
CDL15_Pgr000241	0.65	43466	42370
CDL15_Pgr000247	30042	17319	19511
CDL15_Pgr000272	71.00	108.70	102.27
CDL15_Pgr000283	0	0.20	0.15
CDL15_Pgr000290	20.80	36.33	37.43
CDL15_Pgr000312	0.65	25965	43497
CDL15_Pgr000343	29.49	32.52	31.95
CDL15_Pgr000353	24990	25.21	22.65
CDL15_Pgr000362	31.04	39.30	37.07
CDL15_Pgr000372	31959	23.75	24.35
CDL15_Pgr000426	0	44350	19025
CDL15_Pgr000427	47.90	70.19	65.09
CDL15_Pgr000466	29.18	69.90	64.78
CDL15_Pgr000477	22.53	55.73	46.66
CDL15_Pgr000480	149.28	279.06	289.92
CDL15_Pgr000490	28.37	41.72	37.37

CDL15_Pgr000531	32933	15462	19115
CDL15_Pgr000538	70.38	229.49	189.72
CDL15_Pgr000542	0.53	12816	44379
CDL15_Pgr000567	62.56	176.66	147.21
CDL15_Pgr000569	60.29	71.80	69.70
CDL15_Pgr000576	43862	11597	34213
CDL15_Pgr000591	24.88	55.00	52.96
CDL15_Pgr000593	29.83	45.02	44.96
CDL15_Pgr000641	0	0.43	0.35
CDL15_Pgr000683	138.57	149.77	149.16
CDL15_Pgr000691	0	0.12	0.08
CDL15_Pgr000714	44431	38.64	38.04
CDL15_Pgr000718	27364	15.95	15.87
CDL15_Pgr000722	91.49	105.00	104.96
CDL15_Pgr000723	22.20	63.16	65.54
CDL15_Pgr000727	23.77	44405	44283
CDL15_Pgr000729	11689	27791	32905
CDL15_Pgr000737	22.52	32.09	32.82
CDL15_Pgr000742	13.87	44333	16.17
CDL15_Pgr000747	11689	44958	41306
CDL15_Pgr000768	0.07	0.56	0.46
CDL15_Pgr000780	20576	19572	31594
CDL15_Pgr000782	0	23071	43160
CDL15_Pgr000783	0.43	0.94	1.00
CDL15_Pgr000813	0	0.12	0.12
CDL15_Pgr000819	0	0.17	0.18
CDL15_Pgr000833	178.18	782.21	701.10
CDL15_Pgr000903	70.85	91.19	88.66
CDL15_Pgr000915	216.30	258.19	252.94
CDL15_Pgr000927	0	44287	46844
CDL15_Pgr000940	44380	29707	21671
CDL15_Pgr000942	44211	23.56	21.49
CDL15_Pgr000943	42.41	61.91	57.86
CDL15_Pgr000993	13.59	27.54	26.80
CDL15_Pgr001066	0.88	31413	33604

CDL15_Pgr001070	44329	20.23	18.40
CDL15_Pgr001096	23774	4.00	36220
CDL15_Pgr001134	44471	33298	19054
CDL15_Pgr001147	0	0.20	0.14
CDL15_Pgr001157	0.82	16072	14246
CDL15_Pgr001170	31564	14.39	14580
CDL15_Pgr001171	34700	13940	14305
CDL15_Pgr001192	0.26	11689	10959
CDL15_Pgr001197	0	0.28	0.24
CDL15_Pgr001200	34.96	68.75	66.94
CDL15_Pgr001201	42.34	52.21	52.29
CDL15_Pgr001208	21.27	24.56	24.27
CDL15_Pgr001240	36.44	42.97	42.41
CDL15_Pgr001257	45139	20394	19664
CDL15_Pgr001258	35.52	61.52	60.00
CDL15_Pgr001325	181.53	315.01	296.05
CDL15_Pgr001346	43435	27.33	26.89
CDL15_Pgr001361	42064	33359	23498
CDL15_Pgr001394	26755	30926	11536
CDL15_Pgr001436	64.94	83.24	80.24
CDL15_Pgr001457	13728	17.94	17.19
CDL15_Pgr001463	0	13881	43101
CDL15_Pgr001471	19480	14.34	13.79
CDL15_Pgr001511	107.02	152.59	144.86
CDL15_Pgr001517	31.46	99.06	101.17
CDL15_Pgr001533	20.38	31.30	32.06
CDL15_Pgr001539	13697	15.87	15.68
CDL15_Pgr001551	14246	36251	44201
CDL15_Pgr001570	0	0.81	0.64
CDL15_Pgr001583	43435	15.58	14.79
CDL15_Pgr001596	0.04	0.13	0.13
CDL15_Pgr001600	0.90	43282	17685
CDL15_Pgr001605	0.81	44197	44409
CDL15_Pgr001622	25.89	50.34	48.27
CDL15_Pgr001662	19450	14.25	29891

CDL15_Pgr001666	17.25	29.74	28.29
CDL15_Pgr001670	44.84	62.23	58.04
CDL15_Pgr001672	22341	19815	20546
CDL15_Pgr001682	17046	17.70	17.47
CDL15_Pgr001704	0.36	0.88	0.74
CDL15_Pgr001719	49.46	105.03	107.83
CDL15_Pgr001720	106.39	131.33	133.73
CDL15_Pgr001730	672.67	1793.75	1648.39
CDL15_Pgr001731	24.21	33.15	31.52
CDL15_Pgr001737	55.62	71.86	70.99
CDL15_Pgr001748	194.47	238.75	226.06
CDL15_Pgr001774	0	0.13	0.09
CDL15_Pgr001777	44927	24504	22678
CDL15_Pgr001781	0.58	43101	45658
CDL15_Pgr001785	46.89	50.41	50.34
CDL15_Pgr001840	44379	12145	45383
CDL15_Pgr001845	32264	44469	23.73
CDL15_Pgr001872	0.72	24167	16862
CDL15_Pgr001887	44501	18994	19725
CDL15_Pgr001911	36.34	129.90	124.25
CDL15_Pgr001920	41.62	105.39	86.28
CDL15_Pgr001923	30.77	37.38	37.45
CDL15_Pgr001926	0.04	0.72	0.66
CDL15_Pgr001937	53.34	80.03	72.45
CDL15_Pgr001939	19.25	21.76	21.99
CDL15_Pgr001940	42.85	78.53	81.66
CDL15_Pgr001951	0.52	0.78	0.70
CDL15_Pgr002016	26755	41760	43586
CDL15_Pgr002029	29.65	56.83	55.39
CDL15_Pgr002042	44470	27485	31107
CDL15_Pgr002044	44442	16650	45505
CDL15_Pgr002052	13.58	19.80	44216
CDL15_Pgr002053	0	0.12	0.12
CDL15_Pgr002060	127.84	232.77	207.78
CDL15_Pgr002078	48.41	189.74	188.19

CDL15_Pgr002096	18.80	45.77	39.51
CDL15_Pgr002100	0	0.28	0.31
CDL15_Pgr002120	14.34	43.16	44.21
CDL15_Pgr002186	0.03	0.13	0.10
CDL15_Pgr002220	44562	21641	17624
CDL15_Pgr002252	0.07	32509	18629
CDL15_Pgr002289	0.28	0.85	0.70
CDL15_Pgr002290	0.93	23408	23774
CDL15_Pgr002307	0.16	13912	34700
CDL15_Pgr002316	22282	44228	44229
CDL15_Pgr002332	18.76	29.93	28.19
CDL15_Pgr002355	13759	22586	12359
CDL15_Pgr002378	39.32	72.17	70.92
CDL15_Pgr002387	44331	20.63	19.64
CDL15_Pgr002388	0.07	0.26	0.20
CDL15_Pgr002389	0.13	0.78	0.66
CDL15_Pgr002391	60.29	106.81	98.92
CDL15_Pgr002394	17015	17868	44359
CDL15_Pgr002398	31809	28611	26054
CDL15_Pgr002411	31.24	39.64	40.22
CDL15_Pgr002421	48.99	64.71	64.44
CDL15_Pgr002453	42795	42614	45170
CDL15_Pgr002457	0	0.49	0.54
CDL15_Pgr002474	14305	44352	29312
CDL15_Pgr002482	45.02	92.60	91.63
CDL15_Pgr002506	44311	29.77	30.14
CDL15_Pgr002514	93.81	272.35	236.88
CDL15_Pgr002518	44289	12510	13241
CDL15_Pgr002538	0.21	0.42	0.39
CDL15_Pgr002582	41334	33055	44354
CDL15_Pgr002611	0.24	0.36	0.37
CDL15_Pgr002627	19968	13.32	31382
CDL15_Pgr002686	25934	13302	13271
CDL15_Pgr002732	0.39	0.79	0.82
CDL15_Pgr002741	44441	24259	16224

CDL15_Pgr002743	82.22	100.75	102.67
CDL15_Pgr002754	0.14	16834	27395
CDL15_Pgr002788	198.71	278.08	256.49
CDL15_Pgr002791	0.10	0.21	0.21
CDL15_Pgr002813	13.71	23.38	44399
CDL15_Pgr002814	22.96	41.97	37.86
CDL15_Pgr002821	30.18	91.77	78.95
CDL15_Pgr002896	380.56	412.74	412.41
CDL15_Pgr002903	57.22	99.39	85.51
CDL15_Pgr002917	32082	13.44	44390
CDL15_Pgr002922	0.06	44503	32174
CDL15_Pgr002928	19.90	26.46	24.62
CDL15_Pgr002993	20.42	63.34	64.74
CDL15_Pgr002999	35.25	87.05	90.46
CDL15_Pgr003001	1420.29	1755.20	1792.14
CDL15_Pgr003009	29.26	36.18	34.85
CDL15_Pgr003035	451.38	1173.82	1065.23
CDL15_Pgr003042	129.15	201.58	206.59
CDL15_Pgr003062	15707	31048	28491
CDL15_Pgr003090	21.38	35.56	37.00
CDL15_Pgr003094	15.19	45.35	38.54
CDL15_Pgr003127	17.39	36.11	33.34
CDL15_Pgr003142	30682	20880	18323
CDL15_Pgr003178	22251	15.34	15.22
CDL15_Pgr003182	14305	14.92	14.51
CDL15_Pgr003197	234.94	406.13	422.88
CDL15_Pgr003207	29952	23802	43891
CDL15_Pgr003231	30317	32964	35886
CDL15_Pgr003246	41395	23255	28004
CDL15_Pgr003266	34.59	46.50	45.42
CDL15_Pgr003296	22433	73.75	73.07
CDL15_Pgr003310	24.97	36.66	36.51
CDL15_Pgr003332	0.16	0.97	44197
CDL15_Pgr003370	44543	26.84	26.65
CDL15_Pgr003371	35765	26.53	23.91

CDL15_Pgr003391	0	0.40	0.35
CDL15_Pgr003398	17.64	53.32	53.61
CDL15_Pgr003448	53.19	281.51	223.69
CDL15_Pgr003471	23132	26543	17411
CDL15_Pgr003513	44.54	68.87	70.48
CDL15_Pgr003521	24838	41365	24532
CDL15_Pgr003540	126.99	177.01	181.07
CDL15_Pgr003554	42339	44485	16.48
CDL15_Pgr003580	0.66	18323	31079
CDL15_Pgr003586	22.22	35.41	35.14
CDL15_Pgr003593	32.90	73.42	77.65
CDL15_Pgr003596	0.84	43647	44383
CDL15_Pgr003604	0.10	0.88	0.94
CDL15_Pgr003635	15.35	18.19	18.37
CDL15_Pgr003639	33.05	53.55	51.41
CDL15_Pgr003659	31199	28338	30529
CDL15_Pgr003670	61.20	85.01	82.48
CDL15_Pgr003674	44243	22.84	22.56
CDL15_Pgr003710	177.25	197.53	199.71
CDL15_Pgr003725	86.29	266.08	231.90
CDL15_Pgr003726	13.23	29.94	25.38
CDL15_Pgr003730	63.59	126.99	130.17
CDL15_Pgr003739	99.86	116.45	113.67
CDL15_Pgr003754	50.63	74.81	75.56
CDL15_Pgr003758	45.83	50.91	50.73
CDL15_Pgr003772	68.50	106.06	97.70
CDL15_Pgr003774	17.96	31.94	29.13
CDL15_Pgr003792	20.62	46.52	38.91
CDL15_Pgr003861	0.58	1.00	44317
CDL15_Pgr003886	19176	28460	15676
CDL15_Pgr003905	13.50	19.77	18.47
CDL15_Pgr003979	0.51	18994	14611
CDL15_Pgr004018	13.86	22.76	20.91
CDL15_Pgr004062	19.54	44405	26.77
CDL15_Pgr004068	12632	44309	20.93

CDL15_Pgr004072	14702	46204	46569
CDL15_Pgr004096	29.96	58.87	54.60
CDL15_Pgr004102	41579	40.11	41.42
CDL15_Pgr004111	14.75	28.24	27.29
CDL15_Pgr004120	33.31	41.57	41.94
CDL15_Pgr004147	22433	28795	28795
CDL15_Pgr004157	18629	32509	29221
CDL15_Pgr004160	34669	29.42	27.61
CDL15_Pgr004161	0	0.11	0.11
CDL15_Pgr004166	0.44	0.89	0.80
CDL15_Pgr004174	500.32	569.90	570.72
CDL15_Pgr004182	0	0.26	0.27
CDL15_Pgr004187	43466	15707	13516
CDL15_Pgr004204	44258	27515	44444
CDL15_Pgr004209	0.23	44958	23377
CDL15_Pgr004317	528.97	1127.88	1068.60
CDL15_Pgr004319	14.79	32.57	32.65
CDL15_Pgr004332	20180	44324	44355
CDL15_Pgr004345	89.24	115.38	110.70
CDL15_Pgr004377	22.20	41.47	43.81
CDL15_Pgr004389	44459	29.87	28.74
CDL15_Pgr004403	176.36	359.28	360.42
CDL15_Pgr004421	32.81	51.66	52.96
CDL15_Pgr004465	20.15	33.97	30.43
CDL15_Pgr004467	41.86	75.58	77.26
CDL15_Pgr004469	19.48	40.11	38.17
CDL15_Pgr004522	44200	44743	41791
CDL15_Pgr004552	0.10	0.31	0.28
CDL15_Pgr004553	44542	16.82	15.95
CDL15_Pgr004564	35.75	87.11	75.93
CDL15_Pgr004598	28.26	50.03	44.26
CDL15_Pgr004600	44.63	68.01	63.70
CDL15_Pgr004604	0	0.61	0.63
CDL15_Pgr004626	0.24	0.52	0.49
CDL15_Pgr004641	21033	33117	21064

CDL15_Pgr004642	0	0.70	0.73
CDL15_Pgr004682	0.04	0.20	0.17
CDL15_Pgr004709	28.87	67.18	61.11
CDL15_Pgr004723	78.10	94.28	92.99
CDL15_Pgr004726	32.14	88.59	93.72
CDL15_Pgr004732	12540	15189	20271
CDL15_Pgr004734	24.47	44.71	42.94
CDL15_Pgr004776	0	0.33	0.25
CDL15_Pgr004793	36.38	81.36	86.57
CDL15_Pgr004794	44491	71.93	73.97
CDL15_Pgr004799	24047	13.45	44268
CDL15_Pgr004813	41.19	79.45	82.11
CDL15_Pgr004820	24.24	29.98	28.45
CDL15_Pgr004821	93.36	111.67	111.13
CDL15_Pgr004827	35796	20607	28611
CDL15_Pgr004856	13.49	14.22	14.30
CDL15_Pgr004861	60.22	149.84	160.80
CDL15_Pgr004870	0	0.32	0.34
CDL15_Pgr004898	129.86	196.48	176.07
CDL15_Pgr004955	44472	11810	25659
CDL15_Pgr004957	302.60	675.19	600.74
CDL15_Pgr004982	0	46054	36161
CDL15_Pgr005005	17.19	41.75	42.32
CDL15_Pgr005051	26512	28460	44298
CDL15_Pgr005085	48.11	75.15	77.08
CDL15_Pgr005086	46.57	72.24	65.23
CDL15_Pgr005109	53.73	85.20	81.13
CDL15_Pgr005133	38.86	50.12	47.83
CDL15_Pgr005227	44504	44210	45992
CDL15_Pgr005243	0	0.17	0.17
CDL15_Pgr005263	0.37	0.86	0.76
CDL15_Pgr005330	0.17	0.52	0.54
CDL15_Pgr005335	26177	44275	19.52
CDL15_Pgr005341	0.27	0.67	0.69
CDL15_Pgr005347	88.59	274.40	252.96

CDL15_Pgr005363	0	0.19	0.20
CDL15_Pgr005417	26969	79.41	80.11
CDL15_Pgr005418	22525	48.97	36.34
CDL15_Pgr005433	44389	25.62	44312
CDL15_Pgr005446	36.65	47.99	48.80
CDL15_Pgr005467	13.62	27.55	29.21
CDL15_Pgr005474	24.30	29.69	29.23
CDL15_Pgr005483	0.34	15008	20121
CDL15_Pgr005497	42795	14397	17319
CDL15_Pgr005509	44442	11536	44446
CDL15_Pgr005526	33.83	53.22	52.90
CDL15_Pgr005530	0.42	0.90	0.80
CDL15_Pgr005535	52.86	69.38	68.82
CDL15_Pgr005552	77.36	132.78	119.73
CDL15_Pgr005556	26.53	68.89	60.04
CDL15_Pgr005574	72.79	134.50	116.45
CDL15_Pgr005575	23.69	36.21	32.97
CDL15_Pgr005613	19.90	36.77	35.39
CDL15_Pgr005617	107.98	191.47	200.88
CDL15_Pgr005650	292.97	319.06	312.31
CDL15_Pgr005656	21.15	26.74	26.74
CDL15_Pgr005662	63.32	145.30	148.81
CDL15_Pgr005672	60.37	89.96	82.17
CDL15_Pgr005739	86.49	141.27	137.32
CDL15_Pgr005774	42583	30560	29099
CDL15_Pgr005779	42522	29068	24320
CDL15_Pgr005805	46.94	72.33	73.90
CDL15_Pgr005814	23712	15.25	44331
CDL15_Pgr005834	0	0.14	0.14
CDL15_Pgr005846	0	0.14	0.14
CDL15_Pgr005858	24746	44299	24077
CDL15_Pgr005874	18050	18.84	19.47
CDL15_Pgr005900	13.65	63.39	52.58
CDL15_Pgr005933	44409	25842	31656
CDL15_Pgr005988	0	20455	24473

CDL15_Pgr006036	0.14	0.42	0.36
CDL15_Pgr006110	44256	13575	21245
CDL15_Pgr006118	0.31	0.61	0.55
CDL15_Pgr006158	18.46	37.36	34.65
CDL15_Pgr006176	0.68	0.83	0.81
CDL15_Pgr006184	32.32	60.28	57.11
CDL15_Pgr006190	47027	14.27	13.62
CDL15_Pgr006221	0.54	0.66	0.64
CDL15_Pgr006225	27760	15.18	45962
CDL15_Pgr006240	44210	19.25	18.20
CDL15_Pgr006249	70.36	101.47	96.69
CDL15_Pgr006255	33.95	49.77	47.25
CDL15_Pgr006256	168.28	203.70	198.70
CDL15_Pgr006258	44.09	56.93	58.42
CDL15_Pgr006280	44277	58.36	60.25
CDL15_Pgr006304	0	0.32	0.33
CDL15_Pgr006315	0.61	0.90	0.92
CDL15_Pgr006389	43313	44296	19238
CDL15_Pgr006464	26.50	51.02	46.60
CDL15_Pgr006484	44316	44.64	43.09
CDL15_Pgr006487	16.20	23.55	24.14
CDL15_Pgr006503	31837	18.21	14.51
CDL15_Pgr006538	103.50	116.35	116.32
CDL15_Pgr006545	21947	27820	30376
CDL15_Pgr006579	30.19	44.25	43.51
CDL15_Pgr006602	13547	42491	16193
CDL15_Pgr006663	21064	16.29	14.91
CDL15_Pgr006676	206.21	265.79	272.72
CDL15_Pgr006690	42.14	59.86	55.09
CDL15_Pgr006724	60.49	66.83	67.34
CDL15_Pgr006727	117.70	251.84	243.17
CDL15_Pgr006754	47088	22.24	20.23
CDL15_Pgr006771	21.82	42.36	37.22
CDL15_Pgr006781	46692	19.25	19.81
CDL15_Pgr006798	37.48	68.36	66.48

CDL15_Pgr006819	68.30	548.34	510.78
CDL15_Pgr006827	24077	32.73	44498
CDL15_Pgr006832	30.18	85.13	87.35
CDL15_Pgr006919	35.37	53.78	49.40
CDL15_Pgr006948	61.03	109.57	96.39
CDL15_Pgr006950	0	1.00	0.75
CDL15_Pgr006966	40.78	85.52	76.11
CDL15_Pgr006969	224.69	475.90	485.86
CDL15_Pgr006995	78.43	175.25	163.87
CDL15_Pgr007028	0.16	0.79	0.65
CDL15_Pgr007041	37.51	59.19	53.87
CDL15_Pgr007056	14732	43282	29738
CDL15_Pgr007072	0.61	41640	42736
CDL15_Pgr007085	152.68	273.58	262.43
CDL15_Pgr007100	16.46	18.45	18.24
CDL15_Pgr007101	21.34	25.74	24.91
CDL15_Pgr007106	163.83	205.19	199.13
CDL15_Pgr007112	37.49	46.54	43.89
CDL15_Pgr007114	0.75	25235	23408
CDL15_Pgr007115	46.32	89.07	85.52
CDL15_Pgr007118	63.26	76.30	74.72
CDL15_Pgr007119	11689	12905	26755
CDL15_Pgr007124	88.72	157.67	145.66
CDL15_Pgr007135	22463	20394	43405
CDL15_Pgr007140	0	20607	44535
CDL15_Pgr007150	362.93	729.15	617.05
CDL15_Pgr007157	0	0.13	0.13
CDL15_Pgr007175	68.22	114.39	108.87
CDL15_Pgr007176	0	44490	44454
CDL15_Pgr007198	0	0.41	0.43
CDL15_Pgr007220	15950	15.79	14.31
CDL15_Pgr007225	39.91	84.82	76.04
CDL15_Pgr007228	0.31	46388	44501
CDL15_Pgr007232	21.41	34.29	31.77
CDL15_Pgr007286	72.01	402.17	318.17

CDL15_Pgr007294	26.39	51.40	51.22
CDL15_Pgr007360	0	0.38	0.39
CDL15_Pgr007361	51.29	81.69	82.15
CDL15_Pgr007373	0.18	0.73	0.76
CDL15_Pgr007383	27820	13.85	15.00
CDL15_Pgr007385	26.89	41.79	42.52
CDL15_Pgr007389	31260	21885	44451
CDL15_Pgr007410	36.60	47.68	46.99
CDL15_Pgr007413	0	0.23	0.16
CDL15_Pgr007418	17349	19.49	19.18
CDL15_Pgr007501	118.85	210.83	191.23
CDL15_Pgr007513	17.31	25.74	23.73
CDL15_Pgr007540	70.76	92.26	85.40
CDL15_Pgr007553	20.15	33.10	29.32
CDL15_Pgr007567	0	0.22	0.18
CDL15_Pgr007608	14.47	35.01	35.54
CDL15_Pgr007609	33055	44209	26634
CDL15_Pgr007633	35125	13.30	27729
CDL15_Pgr007634	23.77	38.87	36.80
CDL15_Pgr007660	27334	16772	14580
CDL15_Pgr007665	27303	16.65	44456
CDL15_Pgr007701	0.66	11324	44531
CDL15_Pgr007710	16.39	41.82	33.99
CDL15_Pgr007725	0	0.48	0.42
CDL15_Pgr007731	0.11	0.22	0.22
CDL15_Pgr007734	156.67	618.37	476.31
CDL15_Pgr007775	44256	21916	19725
CDL15_Pgr007790	18749	19664	28034
CDL15_Pgr007811	192.44	354.92	307.86
CDL15_Pgr007818	34881	13028	44440
CDL15_Pgr007890	0	0.78	0.54
CDL15_Pgr007897	14.36	21.39	19.25
CDL15_Pgr007915	41.30	60.04	58.46
CDL15_Pgr007917	0	0.71	0.78
CDL15_Pgr007936	17.22	36.57	35.57

CDL15_Pgr007944	2.00	21276	32599
CDL15_Pgr007960	13181	44201	44534
CDL15_Pgr007994	19025	44805	21064
CDL15_Pgr007999	20911	16681	46600
CDL15_Pgr008006	0.30	15980	44357
CDL15_Pgr008014	17.80	20.33	20.59
CDL15_Pgr008044	44348	16285	11902
CDL15_Pgr008048	24807	20.22	20.90
CDL15_Pgr008049	22.64	25.77	24.95
CDL15_Pgr008097	41.50	57.08	58.29
CDL15_Pgr008113	21855	17.26	44394
CDL15_Pgr008130	68.93	213.12	229.90
CDL15_Pgr008134	19.27	36.88	37.76
CDL15_Pgr008138	0.23	17899	22282
CDL15_Pgr008140	18780	44774	13363
CDL15_Pgr008141	117.95	200.59	189.35
CDL15_Pgr008143	13271	18780	14397
CDL15_Pgr008147	28491	30042	32933
CDL15_Pgr008166	26.79	39.12	36.81
CDL15_Pgr008199	21.90	43.69	36.64
CDL15_Pgr008212	63.38	87.77	81.85
CDL15_Pgr008224	21.48	43.99	45.62
CDL15_Pgr008231	46813	31837	32933
CDL15_Pgr008329	15.75	23.71	23.60
CDL15_Pgr008363	252.58	383.23	351.49
CDL15_Pgr008366	0.33	46388	46753
CDL15_Pgr008370	742.39	1319.13	1275.12
CDL15_Pgr008389	14550	15.89	14.39
CDL15_Pgr008393	0	0.20	0.14
CDL15_Pgr008401	26085	32.97	27.60
CDL15_Pgr008408	0.76	19360	20821
CDL15_Pgr008429	0	0.12	0.13
CDL15_Pgr008433	146.11	209.42	206.56
CDL15_Pgr008461	86.28	409.02	331.61
CDL15_Pgr008474	21702	18445	47300

CDL15_Pgr008489	27.80	44.01	42.89
CDL15_Pgr008572	31868	29830	30926
CDL15_Pgr008614	210.67	284.16	278.91
CDL15_Pgr008622	42186	35765	46327
CDL15_Pgr008720	44280	29.71	28.49
CDL15_Pgr008739	0.47	25750	45108
CDL15_Pgr008752	24929	24228	25689
CDL15_Pgr008833	44422	22.20	21.57
CDL15_Pgr008834	52.43	142.07	146.00
CDL15_Pgr008875	82.62	156.62	165.53
CDL15_Pgr008879	33635	44356	45139
CDL15_Pgr008920	48.80	315.00	341.80
CDL15_Pgr008929	30256	26.36	26.42
CDL15_Pgr008949	0	0.68	0.48
CDL15_Pgr008975	0	0.73	0.69
CDL15_Pgr009036	20029	16.81	17.17
CDL15_Pgr009061	43160	7.00	25720
CDL15_Pgr009090	43678	44513	22586
CDL15_Pgr009093	43831	23377	23377
CDL15_Pgr009104	23437	14.16	14.92
CDL15_Pgr009107	0	0.21	0.16
CDL15_Pgr009177	40.38	52.33	50.95
CDL15_Pgr009200	0	0.15	0.15
CDL15_Pgr009240	15676	20.89	20.92
CDL15_Pgr009256	0.07	0.33	0.27
CDL15_Pgr009280	21.16	29.55	30.20
CDL15_Pgr009325	16072	27061	17564
CDL15_Pgr009427	194.64	245.63	238.58
CDL15_Pgr009431	14032	31291	45566
CDL15_Pgr009458	11049	44444	34425
CDL15_Pgr009460	0.29	44197	44197
CDL15_Pgr009486	0.22	0.31	0.32
CDL15_Pgr009494	12785	17930	21947
CDL15_Pgr009513	36404	17.41	44331
CDL15_Pgr009522	44447	15.30	13.60

CDL15_Pgr009541	16.28	17.94	17.47
CDL15_Pgr009590	0	0.18	0.19
CDL15_Pgr009603	44210	17.32	17.41
CDL15_Pgr009604	0.46	47119	43831
CDL15_Pgr009615	0	0.25	0.19
CDL15_Pgr009622	36.38	116.10	123.24
CDL15_Pgr009623	102.19	141.17	135.25
CDL15_Pgr009629	0	14611	10959
CDL15_Pgr009661	57.49	76.27	78.09
CDL15_Pgr009663	80.85	108.78	109.01
CDL15_Pgr009665	29.80	38.30	37.93
CDL15_Pgr009688	17.51	24.60	44401
CDL15_Pgr009717	0	0.14	0.15
CDL15_Pgr009749	19.51	27.57	25.21
CDL15_Pgr009750	132.40	237.17	230.14
CDL15_Pgr009755	0.38	17533	13150
CDL15_Pgr009759	12024	24.23	20.97
CDL15_Pgr009763	44429	35.54	35.31
CDL15_Pgr009776	28.59	44.35	39.83
CDL15_Pgr009779	0.67	44411	12114
CDL15_Pgr009781	16.25	22.78	21.81
CDL15_Pgr009822	14001	31.98	24.71
CDL15_Pgr009823	0	0.90	0.93
CDL15_Pgr009861	46204	32021	42278
CDL15_Pgr009869	0	43101	45292
CDL15_Pgr009919	120.63	246.43	228.18
CDL15_Pgr009923	46.85	55.14	54.34
CDL15_Pgr009956	17015	13.50	31747
CDL15_Pgr009998	13.50	34.28	29.61
CDL15_Pgr010014	16072	44535	46874
CDL15_Pgr010043	252.75	311.88	294.65
CDL15_Pgr010055	260.55	322.75	305.21
CDL15_Pgr010065	22.32	33.94	34.39
CDL15_Pgr010067	44257	23071	11749
CDL15_Pgr010232	0	0.27	0.28

CDL15_Pgr010248	26785	27668	11.00
CDL15_Pgr010296	14.85	17.81	44303
CDL15_Pgr010303	34.03	56.91	55.26
CDL15_Pgr010310	34425	14.32	13.88
CDL15_Pgr010317	29.52	61.73	59.00
CDL15_Pgr010328	44317	14702	30742
CDL15_Pgr010331	27912	27638	42248
CDL15_Pgr010333	47088	21.84	44491
CDL15_Pgr010337	17.89	38.41	32.34
CDL15_Pgr010362	0	0.22	0.15
CDL15_Pgr010385	0.70	18629	12055
CDL15_Pgr010392	101.32	130.50	122.31
CDL15_Pgr010403	75.81	95.20	90.77
CDL15_Pgr010404	0.37	0.55	0.51
CDL15_Pgr010435	168.92	260.15	250.74
CDL15_Pgr010451	15067	46600	27942
CDL15_Pgr010497	17899	11720	44228
CDL15_Pgr010517	15.66	26.87	26.77
CDL15_Pgr010518	57.36	387.97	366.60
CDL15_Pgr010520	47027	19694	11293
CDL15_Pgr010527	25020	57.35	56.23
CDL15_Pgr010548	0	0.10	0.10
CDL15_Pgr010552	39.63	77.02	67.27
CDL15_Pgr010587	74.04	154.90	142.33
CDL15_Pgr010604	0	0.48	0.38
CDL15_Pgr010610	19725	44199	25965
CDL15_Pgr010629	25659	26420	19845
CDL15_Pgr010680	105.21	214.75	184.20
CDL15_Pgr010691	44289	13424	44355
CDL15_Pgr010725	43070	20.91	19.92
CDL15_Pgr010743	47058	22.76	44400
CDL15_Pgr010746	145.20	181.74	183.75
CDL15_Pgr010766	44524	41.61	36.20
CDL15_Pgr010767	16.59	17.59	17.67
CDL15_Pgr010799	0	0.13	0.10

CDL15_Pgr010812	51.58	67.65	64.53
CDL15_Pgr010832	46692	15676	16407
CDL15_Pgr010871	0.28	46023	44409
CDL15_Pgr010893	39.05	70.58	73.71
CDL15_Pgr010894	43647	22890	44325
CDL15_Pgr010896	45566	14.15	14.46
CDL15_Pgr010928	34366	11171	45870
CDL15_Pgr010932	13.18	15.23	15.34
CDL15_Pgr010933	0.17	0.55	0.43
CDL15_Pgr010940	11079	16316	23590
CDL15_Pgr010942	18.48	24.47	22.78
CDL15_Pgr010962	27.48	43.46	38.24
CDL15_Pgr010965	219.92	293.99	271.47
CDL15_Pgr010976	44237	17076	13058
CDL15_Pgr011038	14.34	25.89	26.78
CDL15_Pgr011063	49.95	74.00	69.07
CDL15_Pgr011064	0	43191	23437
CDL15_Pgr011065	145.80	365.41	346.77
CDL15_Pgr011087	68.16	113.92	103.42
CDL15_Pgr011111	67.80	134.06	121.72
CDL15_Pgr011112	14397	14489	31990
CDL15_Pgr011113	20241	15646	44419
CDL15_Pgr011134	0.13	20149	28522
CDL15_Pgr011182	55.39	89.96	94.25
CDL15_Pgr011208	20.19	23.21	23.20
CDL15_Pgr011216	44407	36.10	35.40
CDL15_Pgr011232	28.96	45.27	40.65
CDL15_Pgr011260	13.41	23.26	21.15
CDL15_Pgr011266	77.46	164.11	143.45
CDL15_Pgr011272	42736	19054	11383
CDL15_Pgr011277	44.45	152.77	130.85
CDL15_Pgr011327	35.28	67.62	68.77
CDL15_Pgr011336	50.76	64.94	63.69
CDL15_Pgr011367	23.42	79.53	62.75
CDL15_Pgr011369	41.59	61.97	63.21

CDL15_Pgr011382	0.58	25204	22282
CDL15_Pgr011388	13.25	19.20	19.25
CDL15_Pgr011425	17.84	23.94	22.40
CDL15_Pgr011525	23774	44682	46143
CDL15_Pgr011527	1161.61	14882.81	15613.20
CDL15_Pgr011549	44241	19.18	19.74
CDL15_Pgr011611	433.10	656.86	617.39
CDL15_Pgr011623	37.15	44.12	42.01
CDL15_Pgr011625	23.92	30.96	29.85
CDL15_Pgr011651	73.12	88.41	88.34
CDL15_Pgr011652	30956	27.19	44222
CDL15_Pgr011670	44256	28764	46235
CDL15_Pgr011707	15585	32417	15250
CDL15_Pgr011748	29465	28399	21824
CDL15_Pgr011752	13.48	44398	19.93
CDL15_Pgr011764	17989	44509	46235
CDL15_Pgr011765	19.84	23.33	22.82
CDL15_Pgr011781	34759	11079	12540
CDL15_Pgr011786	15281	14.16	13.47
CDL15_Pgr011851	30.31	57.23	52.14
CDL15_Pgr011863	0.39	0.65	0.68
CDL15_Pgr011920	77.90	136.88	118.82
CDL15_Pgr011966	46.90	50.93	50.36
CDL15_Pgr011987	30.14	32.63	32.70
CDL15_Pgr012012	19603	14.35	35765
CDL15_Pgr012027	27546	13.23	13.74
CDL15_Pgr012031	0	0.40	0.41
CDL15_Pgr012034	2535.95	5599.24	4727.19
CDL15_Pgr012042	33.69	42.82	40.70
CDL15_Pgr012063	44361	17.89	17.97
CDL15_Pgr012064	0.54	34700	31048
CDL15_Pgr012088	28.26	33.30	33.85
CDL15_Pgr012142	14.66	14.98	14.91
CDL15_Pgr012144	105.70	123.75	122.38
CDL15_Pgr012192	26.57	83.47	73.98

CDL15_Pgr012208	0.26	0.99	0.95
CDL15_Pgr012221	39.12	73.66	71.16
CDL15_Pgr012234	13.74	19.93	19.27
CDL15_Pgr012238	63.08	123.82	112.09
CDL15_Pgr012239	0.14	44379	22647
CDL15_Pgr012240	23863	30.57	32.73
CDL15_Pgr012265	21.47	25.46	25.38
CDL15_Pgr012311	22.40	34.31	31.57
CDL15_Pgr012478	46.98	52.94	51.61
CDL15_Pgr012517	24381	19.14	18.24
CDL15_Pgr012553	22.66	30.51	31.33
CDL15_Pgr012558	44509	60.79	56.21
CDL15_Pgr012561	18.57	35.54	34.79
CDL15_Pgr012581	25.72	44.06	40.68
CDL15_Pgr012605	44228	20455	22282
CDL15_Pgr012644	0.55	0.85	0.76
CDL15_Pgr012674	0.11	0.44	0.46
CDL15_Pgr012731	0	0.46	0.51
CDL15_Pgr012747	4.00	45809	46539
CDL15_Pgr012757	127.48	172.39	160.06
CDL15_Pgr012759	110.35	226.48	212.14
CDL15_Pgr012761	0.14	36281	44443
CDL15_Pgr012789	255.04	833.68	661.31
CDL15_Pgr012814	23102	34425	35521
CDL15_Pgr012842	32.74	50.48	50.21
CDL15_Pgr012855	249.77	298.71	290.89
CDL15_Pgr012866	45.54	69.46	69.02
CDL15_Pgr012960	36.09	134.28	131.60
CDL15_Pgr012964	34.81	51.84	52.39
CDL15_Pgr012991	44197	24473	21551
CDL15_Pgr013013	0.15	0.26	0.27
CDL15_Pgr013015	42005	44453	44358
CDL15_Pgr013039	22.20	32.01	30.90
CDL15_Pgr013047	13.21	44434	23.85
CDL15_Pgr013086	0.84	28157	21582

CDL15_Pgr013093	0.56	42370	44501
CDL15_Pgr013113	18.29	25.19	25.94
CDL15_Pgr013199	0.50	0.78	0.80
CDL15_Pgr013208	32.24	41.99	38.73
CDL15_Pgr013211	100.22	121.95	116.41
CDL15_Pgr013259	18111	32448	44136
CDL15_Pgr013270	19.92	26.42	25.32
CDL15_Pgr013334	36.86	47.07	44.91
CDL15_Pgr013349	0	13150	44317
CDL15_Pgr013376	20363	13.64	31382
CDL15_Pgr013425	0.14	25628	20852
CDL15_Pgr013433	56.30	86.05	78.56
CDL15_Pgr013435	40.97	199.21	153.72
CDL15_Pgr013436	44593	35704	44357
CDL15_Pgr013463	17.70	19.71	19.32
CDL15_Pgr013477	94.18	171.38	146.48
CDL15_Pgr013504	46.63	96.19	101.60
CDL15_Pgr013511	0	0.22	0.23
CDL15_Pgr013545	18749	30529	25051
CDL15_Pgr013553	19.52	38.06	39.29
CDL15_Pgr013559	18537	37.65	35.91
CDL15_Pgr013587	98.60	128.78	130.19
CDL15_Pgr013589	13.86	16.64	16.87
CDL15_Pgr013597	29.69	34.70	34.58
CDL15_Pgr013627	27820	44480	14550
CDL15_Pgr013631	23.31	34.18	30.78