

Logboek Medulloblastoma

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```
# Libraries
library(tidyverse)
library(GenomicRanges)
library(plotrix)
library(Rsamtools)
```

Inleiding:

FastQC analyse:

Het paired read sample van patient: SRR26913194 is gebruikt. SRR26913194_1.fastq.gz en SRR26913194_2.fastq.gz zijn gebruikt als input voor FastQC.

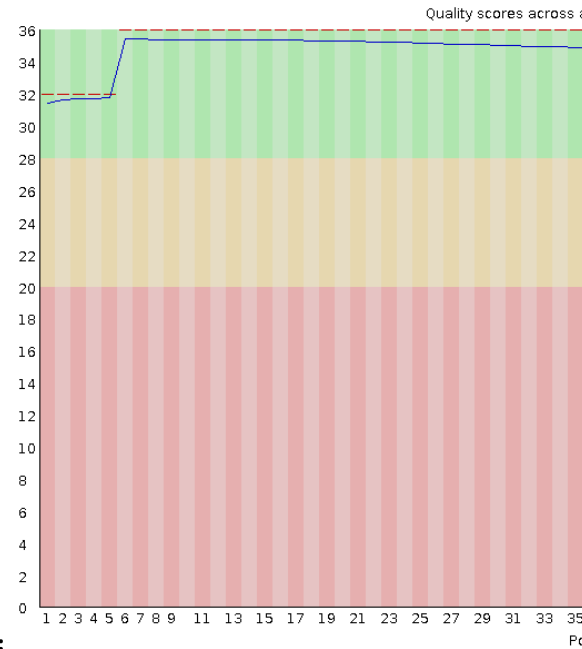
Het resultaat van de fastQC voor het uitvoeren van de vervolgstappen: (trimmen etc.)

SRR26913194_2:

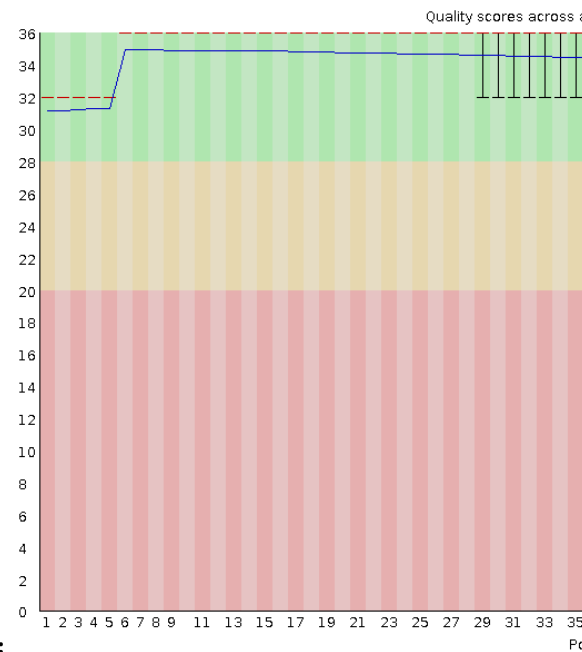
Measure	Value
Filename	SRR26913194_2_fastq.gz
File type	Conventional base calls
Encoding	Sanger / Illumina 1.9
Total Sequences	21866605
Sequences flagged as poor quality	0
Sequence length	75
%GC	48

SRR26913194_1:

Measure	Value
Filename	SRR26913194_1_fastq_gz.gz
File type	Conventional base calls
Encoding	Sanger / Illumina 1.9
Total Sequences	21866605
Sequences flagged as poor quality	0
Sequence length	75
%GC	49



Per base sequence quality van SRR26913194__1 voor het trimmen:



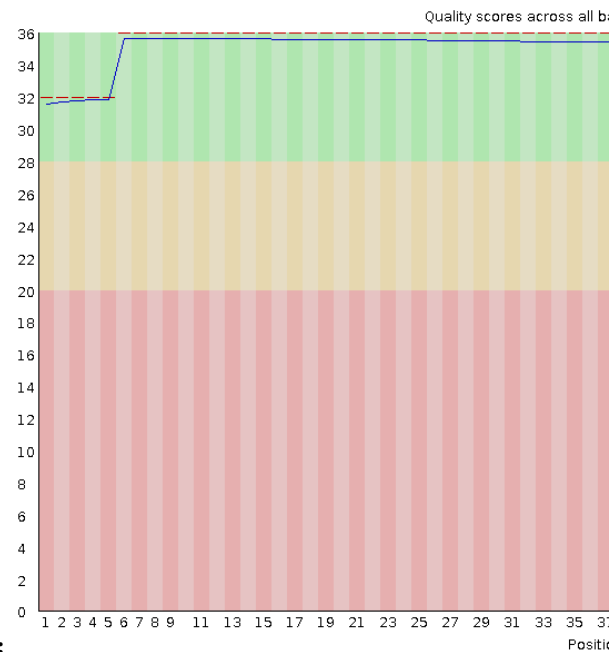
Per base sequence quality van SRR26913194__2 voor het trimmen:

FastQ trimmen:

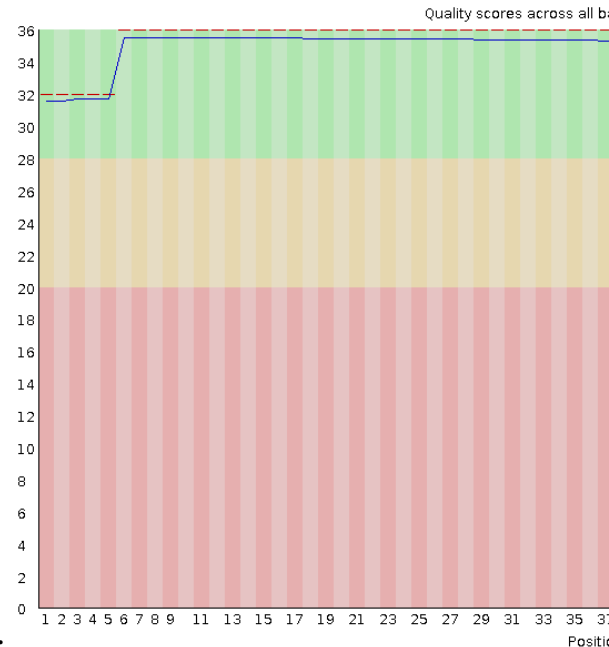
Met behulp van Trimmomatic zijn de reads getrimmed. Het aantal reads in SRR26913194_1

De onderstaande parameters zijn gebruikt voor het uitvoeren van Trimmomatic.

Input Parameter	Value
Single-end or paired-end reads?	pair_of_files
Input FASTQ file (R1/first of pair)	SRR26913194_1.fastq.gz
Input FASTQ file (R2/second of pair)	SRR26913194_2.fastq.gz
Perform initial ILLUMINACLIP step?	1
Select standard adapter sequences or custom?	standard
Adapter sequences to use	TruSeq3 (paired-ended, for MiSeq and HiSeq)
Maximum mismatch count	2
Accuracy of match between reads	30
Minimum length of adapter	8
Always keep both reads?	1
Select Trimmomatic operation	SLIDINGWINDOW
Number of bases to average across	4
Average quality required	20
Select Trimmomatic operation	MINLEN
Minimum length of reads to be kept	40



Per base sequence quality van SRR26913194_1 na het trimmen:



Per base sequence quality van SRR26913194__2 na het trimmen:

Vergelijking van aantal reads verwijderd: Met de instellingen van de bovenstaande tabel is het volgende resultaat verkregen: Het aantal reads voor het trimmen van SRR26913194 is 21866605, er na 19622278. Er zijn dus 2244327 reads weggehaald. Volgens de formule $C=LN/G$. Coverage: $(150 \times 18248538) \div 1000000 = 2943x$

De minimale read lengte aangepast van 40 naar 70bp. Het aantal reads voor het trimmen van SRR26913194 is 21866605, er na 18248538. Er zijn dus 3618067 reads weggehaald. Coverage: $(150 \times 18248538) \div 1000000 = 2737x$

Hoeveel patienten kunnen gesequenced worden met een minimale coverage van 20x? $G = (300 * 25000000) / 20 = 375000000$ $375000000 / 1000000 = 375$ mensen (medulloblastoma gene panel is 1000000 bases)

Mappen met BWA SRR26913194 is gemapped met Human reference hg38.

Variant analyse: (IGV)

Met behulp van IGV heb ik het gen AKT1 opgezocht. Op locatie chr14:104,772,547-104,773,181 zit een mutatie, heterozygoot voor dit allel. Total count: 357. Volgens het referentiegenoom hoort er een thymine te zitten maar in het sample zit cytosine. Deze mutatie zit in een intron dus komt het niet in een eiwit tot expressie.

Op locatie chr1:26,775,577-26,775,761 (chr1:26.775.671) zit een mutatie in een exon van gen: ARID1A. Ook heterozygoot en er zit een T waar een C hoort te zijn volgens het referentiegenoom.

Variant analyse: (LoFreq)

```
df <- read.table(file='/home/floris/Documenten/Data_set/Medulloblastoma/medulloblastoma_gene_panel_V3_u
names(df) <- c("Chromosome", "Start", "End", "Gene")
```

In de bovenstaande R chunk wordt een dataframe gemaakt op basis van het .bed bestand. Daarna krijgen de kolomen betere namen i.p.v. V1, V2, etc.

3.1.2 Assignment 2; BED-visualization

```
#genes_per_chromosome <- table(unique(df$Gene, df$Chromosome))
#genes_per_chromosome <- unique(df$Gene, df$Chromosome)
#unique_genes_per_chrom
#unique_genes_per_chrom <- unique(df$Chromosome, df$Gene)

#genes_counts_per_chrom <- table(unique_genes_per_chrom )

#barplot(genes_counts_per_chrom, las = 2, ylab="Number of Genes")
#chr_count <- unique(table(df$Chromosome))
#chr_count

exon_count <- df %>%
  group_by(Chromosome) %>%
  summarise(n())

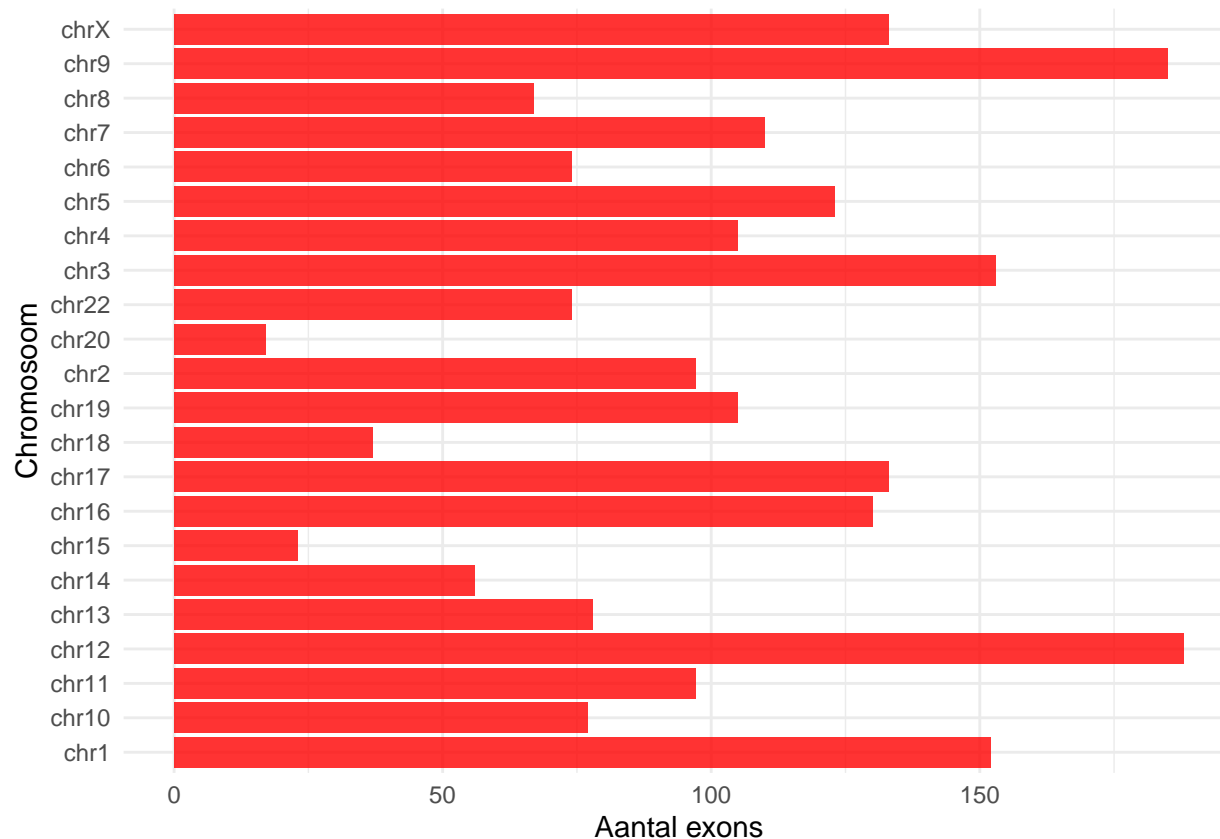
names(exon_count) <- c("Chromosome", "Count")

print(exon_count)
```

```
## # A tibble: 22 x 2
##   Chromosome Count
##   <chr>      <int>
## 1 chr1         152
## 2 chr10         77
## 3 chr11         97
## 4 chr12        188
## 5 chr13         78
## 6 chr14         56
## 7 chr15         23
## 8 chr16        130
## 9 chr17        133
## 10 chr18         37
## # i 12 more rows
```

```
library(ggplot2)

ggplot(data = exon_count, mapping = aes(x = Chromosome, y = Count)) +
  geom_bar(stat = "identity", fill="red", alpha=0.8) +
  coord_flip() +
  ylab(label = "Aantal exons") +
  xlab(label = "Chromosoom") +
  theme_minimal()
```



Op het bovenstaande barplot staan de aantallen exons per chromosoom.

3.1.3 Assignment 3; Bioconductor

Op de onderstaande chunk worden alle regels die het gen TSC2 bevatten geprint.

```
#df[df$Gene == "TSC2", ]

TSC2 <- df[df$Gene == "TSC2", ]

# Assign whole columns to the IRanges arguments
ranges <- IRanges(start = TSC2$Start,
                  end = TSC2$End,
                  names = TSC2$Gene)

cat("Length of TSC2:", sum( width(ranges) ), "bp")
```

```
## Length of TSC2: 6676 bp
```

Het IRanges object moet nu omgezet worden naar een GRanges object.

```
# Converts iRanges to GRanges, adding the chromosome name
granges <- GRanges(seqnames = TSC2$Chromosome,
                  ranges = ranges)

granges
```

```
## GRanges object with 42 ranges and 0 metadata columns:
##      seqnames      ranges strand
##      <Rle>        <IRanges> <Rle>
##   TSC2   chr16  2048201-2048273      *
##   TSC2   chr16  2048586-2048753      *
##   TSC2   chr16  2050399-2050486      *
##   TSC2   chr16  2053341-2053452      *
##   TSC2   chr16  2054295-2054440      *
##   ...      ...      ...      ...
##   TSC2   chr16  2086192-2086379      *
##   TSC2   chr16  2086731-2086871      *
##   TSC2   chr16  2087862-2087941      *
##   TSC2   chr16  2088047-2088325      *
##   TSC2   chr16  2088445-2089491      *
##   -----
##   seqinfo: 1 sequence from an unspecified genome; no seqlengths
```

```
bedSplitted <- split(df, df$Gene)
#head(bedSplitted)
for (gene in names(bedSplitted)[1:10]) {
  print(gene)
}
```

```
## [1] "ABL1"
## [1] "ACVR1"
## [1] "AKT1"
## [1] "AKT2"
## [1] "AKT3"
## [1] "ALK"
## [1] "APC"
## [1] "ARID1A"
## [1] "ARID1B"
## [1] "ARID2"
```

Split op gen naam en print daarna de namen.

```
bed_granges_list <- list()

for (gene_name in names(bedSplitted)) {
  # Kijk welk element op "gene_name" rij in het gesplite dataframe zit:
  gene_data <- df[df$Gene == gene_name, ]
  # Maak IRange object met begin en eind coördinaten van features:
  ranges <- IRanges(start = gene_data$Start,
                    end = gene_data$End,
                    names = gene_data$Gene)

  # Maak Grange object met extra informatie:
  granges_gene <- GRanges(seqnames = gene_data$Chromosome,
                         ranges = ranges)

  # Voeg het Grangelist object toe aan de lijst:
  bed_granges_list[[gene_name]] <- granges_gene
}
```

```

# Print de lengte van het gen:
cat("Length of",gene_name, sum( width(ranges) ), "bp", "\n")
}

```

```

## Length of ABL1 6165 bp
## Length of ACVR1 2631 bp
## Length of AKT1 4043 bp
## Length of AKT2 5174 bp
## Length of AKT3 7095 bp
## Length of ALK 9204 bp
## Length of APC 11251 bp
## Length of ARID1A 8615 bp
## Length of ARID1B 10959 bp
## Length of ARID2 8874 bp
## Length of ATM 12952 bp
## Length of ATR 8457 bp
## Length of ATRX 11622 bp
## Length of BCOR 6233 bp
## Length of BRAF 14741 bp
## Length of BRCA1 7083 bp
## Length of BRCA2 11224 bp
## Length of BRPF1 4671 bp
## Length of BRPF3 6434 bp
## Length of C11orf95 5721 bp
## Length of CCND1 4243 bp
## Length of CCND2 6498 bp
## Length of CDH1 4894 bp
## Length of CDK4 1736 bp
## Length of CDK6 11574 bp
## Length of CDKN2A 3528 bp
## Length of CHEK2 2869 bp
## Length of CHEK2P2 638 bp
## Length of CIC 5584 bp
## Length of CREBBP 10947 bp
## Length of CSF1R 3994 bp
## Length of CTNNB1 3644 bp
## Length of D2HGDH 3945 bp
## Length of DAXX 2623 bp
## Length of DDX3X 8245 bp
## Length of DICER1 16412 bp
## Length of EGFR 11349 bp
## Length of EP300 4119 bp
## Length of EZH2 3584 bp
## Length of FBXW7 5384 bp
## Length of FGFR1 6646 bp
## Length of FGFR2 5047 bp
## Length of FGFR3 4314 bp
## Length of FGFR4 3020 bp
## Length of FLT3 3994 bp
## Length of FUBP1 6931 bp
## Length of GABRA6 2459 bp

```


Length of GNA11 4197 bp
Length of GNAQ 6889 bp
Length of GNAS 6403 bp
Length of GSE1 7401 bp
Length of HDAC2 9751 bp
Length of HNF1A 4404 bp
Length of HRAS 1104 bp
Length of IDH1 2121 bp
Length of IDH2 2755 bp
Length of IDO2 2305 bp
Length of JAK2 4839 bp
Length of JAK3 6780 bp
Length of KDM6A 6383 bp
Length of KDR 5863 bp
Length of KIT 5200 bp
Length of KLK1 1785 bp
Length of KMT2D 19519 bp
Length of KRAS 5256 bp
Length of LDB1 3109 bp
Length of LOC101929031 669 bp
Length of LZTR1 4303 bp
Length of MDM2 12806 bp
Length of MDM4 9956 bp
Length of MET 6693 bp
Length of MGMT 4828 bp
Length of MLH1 2908 bp
Length of MPL 4758 bp
Length of MRE11 6806 bp
Length of MSH2 3344 bp
Length of MSH6 4431 bp
Length of MYB 4026 bp
Length of MYBL1 5745 bp
Length of MYL1 838 bp
Length of NAB2 2256 bp
Length of NBN 5230 bp
Length of NDRG2 2257 bp
Length of NF1 13318 bp
Length of NF1P2 933 bp
Length of NF2 7202 bp
Length of NOTCH1 9602 bp
Length of NOTCH2 11859 bp
Length of NOTCH2NLA 5329 bp
Length of NOTCH2NLB 9056 bp
Length of NOTCH2NLC 8742 bp
Length of NOTCH2NLR 1138 bp
Length of NTRK2 19901 bp
Length of PDGFRA 6358 bp
Length of PIK3C2G 4961 bp
Length of PIK3CA 9032 bp
Length of PIK3R1 7884 bp
Length of PPM1D 4892 bp
Length of PRKAR1A 4378 bp
Length of PTCH1 9504 bp
Length of PTCH2 5294 bp

```
## Length of PTEN 8524 bp
## Length of PTPN11 2349 bp
## Length of RAD50 8297 bp
## Length of RAF1 3022 bp
## Length of RB1 4799 bp
## Length of RET 6791 bp
## Length of SETD2 8691 bp
## Length of SMAD4 8372 bp
## Length of SMARCA2 6352 bp
## Length of SMARCA4 5767 bp
## Length of SMARCB1 5254 bp
## Length of SMARCD1 3446 bp
## Length of SMARCD2 2675 bp
## Length of SMARCE1 5114 bp
## Length of SMO 3992 bp
## Length of STAG2 6120 bp
## Length of STAT6 822 bp
## Length of SUFU 5368 bp
## Length of TBR1 3812 bp
## Length of TCF4 4312 bp
## Length of TERT 4074 bp
## Length of TP53 2934 bp
## Length of TRAF7 3598 bp
## Length of TSC1 8482 bp
## Length of TSC2 6676 bp
```

```
# Zet om naar Grangelist...
bed_data_GRangesList <- GRangesList(bed_granges_list)

head(bed_data_GRangesList)
```

```
## GRangesList object of length 6:
## $ABL1
## GRanges object with 12 ranges and 0 metadata columns:
##      seqnames      ranges strand
##      <Rle>         <IRanges> <Rle>
##  ABL1      chr9 130713880-130714455      *
##  ABL1      chr9 130835253-130835525      *
##  ABL1      chr9 130854063-130854237      *
##  ABL1      chr9 130854800-130855096      *
##  ABL1      chr9 130862762-130863035      *
##  ...      ...      ...      ...
##  ABL1      chr9 130874867-130875052      *
##  ABL1      chr9 130878414-130878567      *
##  ABL1      chr9 130880067-130880157      *
##  ABL1      chr9 130880499-130880664      *
##  ABL1      chr9 130883968-130887675      *
##  -----
##  seqinfo: 22 sequences from an unspecified genome; no seqlengths
##
## ...
## <5 more elements>
```

```
class.bed_data_GRangesList)
```

```
## [1] "CompressedGRangesList"  
## attr(,"package")  
## [1] "GenomicRanges"
```

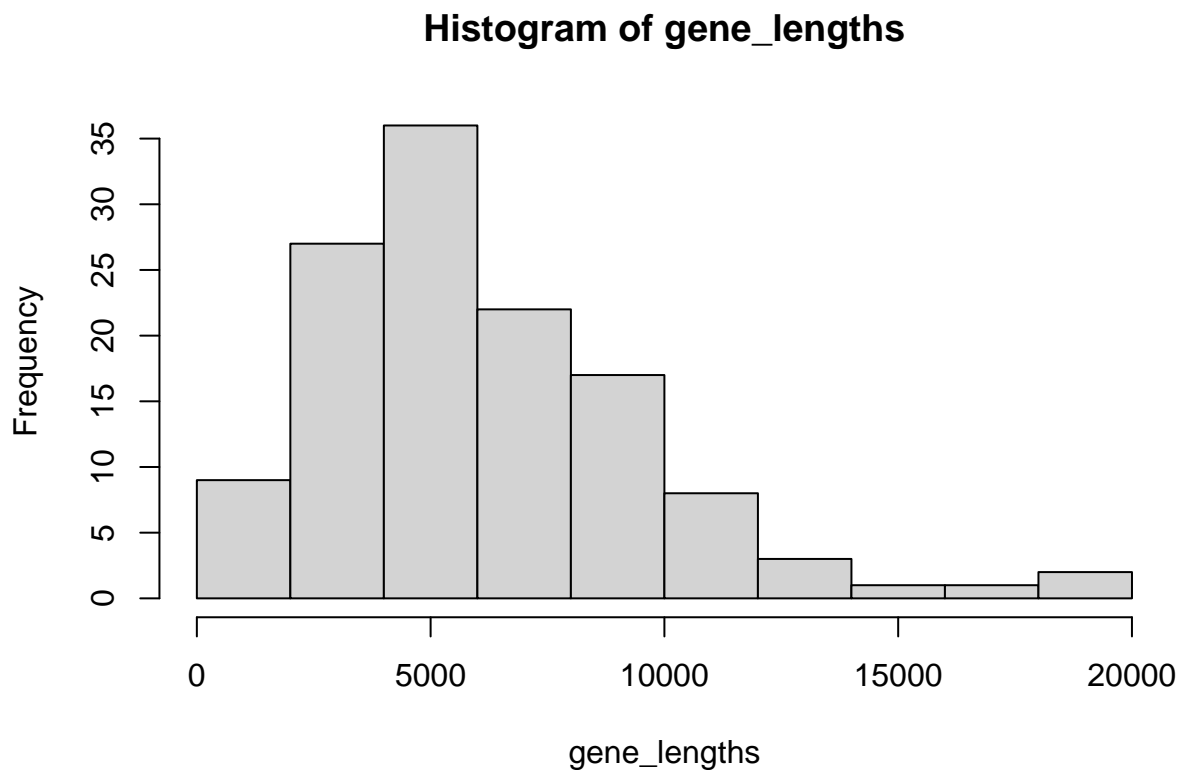
```
elementType.bed_data_GRangesList)
```

```
## [1] "GRanges"
```

Volgens de class() en de elementType() functies is de lijst nu een “CompressedGRangesList”

3.1.4 Assignment 4; Gene Lengths

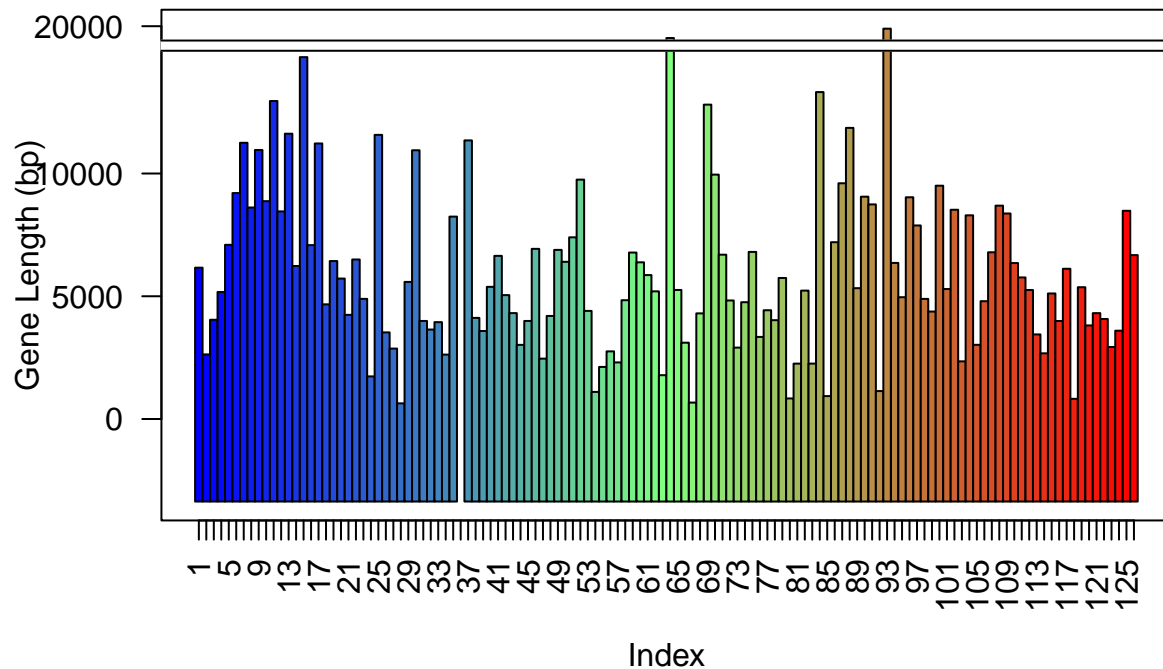
```
gene_lengths <- sapply(bed_granges_list, function(x) sum(width(ranges(x))))  
  
hist(gene_lengths)
```



```
#for (i in bed_granges_list) {  
# gene_lengths[i] <- sum(width(ranges([i])))  
#  
#}  
#gene_lengths <- function(x) sum(width(ranges(x)))  
  
gap.barplot(gene_lengths, ylab="Gene Length (bp)", las=2, gap=c(15000,19000))
```

```
## Warning in gap.barplot(gene_lengths, ylab = "Gene Length (bp)", las = 2, : gap
## includes some values of y
```

```
## ylim -3362 15901
```



```
## Data visualisatie:
```

3.1.5 Assignment 5; Loading the Mapped Reads

```
bam_df <- BamFile("/home/floris/Documenten/Data_set/Medulloblastoma/Bam/Galaxy5-[MarkDuplicates_on_data
ABL1 <- bed_data_GRangesList[["ABL1"]]
param <- ScanBamParam(which = ABL1)
pileup_abl1 <- pileup(bam_df, index = "/home/floris/Documenten/Data_set/Medulloblastoma/Bam/Galaxy5-[Ma
head(pileup_abl1, n = 5)
```

```
##      seqnames      pos strand nucleotide count      which_label
## 1      chr9 130713906      +          T        1 chr9:130713880-130714455
## 2      chr9 130713907      +          C        1 chr9:130713880-130714455
## 3      chr9 130713908      +          T        1 chr9:130713880-130714455
## 4      chr9 130713909      +          G        1 chr9:130713880-130714455
## 5      chr9 130713910      +          G        1 chr9:130713880-130714455
```

```

pileup_list <- list()

for (i in names(bed_data_GRangesList)) {
  # Pak huidige gen:
  gene <- bed_data_GRangesList[[i]]
  # Maak ScanBamParam object met gen
  param <- ScanBamParam(which = gene)
  # Voer pileup uit voor gen
  pileup_test <- pileup(bam_df, index = "/home/floris/Documenten/Data_set/Medulloblastoma/Bam/Galaxy

  # Voeg pileup toe aan lijst:
  pileup_list[[i]] <- pileup_test
}

head(pileup_list)

```

```

## $ABL1
##      seqnames      pos strand nucleotide count      which_label
## 1      chr9 130713906      +      T      1 chr9:130713880-130714455
## 2      chr9 130713907      +      C      1 chr9:130713880-130714455
## 3      chr9 130713908      +      T      1 chr9:130713880-130714455
## 4      chr9 130713909      +      G      1 chr9:130713880-130714455
## 5      chr9 130713910      +      G      1 chr9:130713880-130714455
## 6      chr9 130713911      +      A      1 chr9:130713880-130714455
## 7      chr9 130713912      +      G      1 chr9:130713880-130714455
## 8      chr9 130713913      +      G      1 chr9:130713880-130714455
## 9      chr9 130713914      +      A      1 chr9:130713880-130714455
## 10     chr9 130713915      +      G      1 chr9:130713880-130714455
## 11     chr9 130713916      +      T      1 chr9:130713880-130714455
## 12     chr9 130713917      +      A      1 chr9:130713880-130714455
## 13     chr9 130713918      +      G      1 chr9:130713880-130714455
## 14     chr9 130713919      +      C      1 chr9:130713880-130714455
## 15     chr9 130713920      +      C      3 chr9:130713880-130714455
## 16     chr9 130713921      +      A      3 chr9:130713880-130714455
## 17     chr9 130713922      +      A      3 chr9:130713880-130714455
## 18     chr9 130713923      +      A      3 chr9:130713880-130714455
## 19     chr9 130713924      +      G      3 chr9:130713880-130714455
## 20     chr9 130713925      +      A      3 chr9:130713880-130714455
## 21     chr9 130713926      +      C      3 chr9:130713880-130714455
## 22     chr9 130713927      +      C      3 chr9:130713880-130714455
## 23     chr9 130713928      +      A      3 chr9:130713880-130714455
## 24     chr9 130713929      +      T      3 chr9:130713880-130714455
## 25     chr9 130713930      +      C      3 chr9:130713880-130714455
## 26     chr9 130713931      +      A      3 chr9:130713880-130714455
## 27     chr9 130713932      +      G      3 chr9:130713880-130714455
## 28     chr9 130713933      +      C      3 chr9:130713880-130714455
## 29     chr9 130713934      +      G      3 chr9:130713880-130714455
## 30     chr9 130713935      +      T      3 chr9:130713880-130714455
## 31     chr9 130713936      +      T      3 chr9:130713880-130714455
## 32     chr9 130713937      +      T      3 chr9:130713880-130714455
## 33     chr9 130713938      +      C      3 chr9:130713880-130714455

```

## 34	chr9 130713939	+	C	3 chr9:130713880-130714455
## 35	chr9 130713940	+	T	3 chr9:130713880-130714455
## 36	chr9 130713941	+	T	3 chr9:130713880-130714455
## 37	chr9 130713942	+	T	3 chr9:130713880-130714455
## 38	chr9 130713943	+	A	4 chr9:130713880-130714455
## 39	chr9 130713944	+	T	4 chr9:130713880-130714455
## 40	chr9 130713945	+	G	4 chr9:130713880-130714455
## 41	chr9 130713946	+	T	4 chr9:130713880-130714455
## 42	chr9 130713947	+	G	4 chr9:130713880-130714455
## 43	chr9 130713948	+	T	4 chr9:130713880-130714455
## 44	chr9 130713949	+	G	4 chr9:130713880-130714455
## 45	chr9 130713950	+	A	5 chr9:130713880-130714455
## 46	chr9 130713951	+	G	5 chr9:130713880-130714455
## 47	chr9 130713952	+	A	5 chr9:130713880-130714455
## 48	chr9 130713953	+	A	5 chr9:130713880-130714455
## 49	chr9 130713954	+	G	1 chr9:130713880-130714455
## 50	chr9 130713954	+	T	5 chr9:130713880-130714455
## 51	chr9 130713955	+	T	6 chr9:130713880-130714455
## 52	chr9 130713956	+	G	6 chr9:130713880-130714455
## 53	chr9 130713957	+	A	6 chr9:130713880-130714455
## 54	chr9 130713958	+	A	6 chr9:130713880-130714455
## 55	chr9 130713959	+	A	6 chr9:130713880-130714455
## 56	chr9 130713960	+	T	6 chr9:130713880-130714455
## 57	chr9 130713961	+	G	6 chr9:130713880-130714455
## 58	chr9 130713962	+	A	6 chr9:130713880-130714455
## 59	chr9 130713963	+	C	6 chr9:130713880-130714455
## 60	chr9 130713964	+	T	6 chr9:130713880-130714455
## 61	chr9 130713965	+	A	6 chr9:130713880-130714455
## 62	chr9 130713966	+	G	6 chr9:130713880-130714455
## 63	chr9 130713967	+	C	6 chr9:130713880-130714455
## 64	chr9 130713968	+	A	6 chr9:130713880-130714455
## 65	chr9 130713969	+	T	6 chr9:130713880-130714455
## 66	chr9 130713970	+	T	6 chr9:130713880-130714455
## 67	chr9 130713971	+	A	6 chr9:130713880-130714455
## 68	chr9 130713972	+	T	6 chr9:130713880-130714455
## 69	chr9 130713973	+	T	6 chr9:130713880-130714455
## 70	chr9 130713974	+	G	7 chr9:130713880-130714455
## 71	chr9 130713975	+	A	7 chr9:130713880-130714455
## 72	chr9 130713976	+	C	7 chr9:130713880-130714455
## 73	chr9 130713977	+	C	8 chr9:130713880-130714455
## 74	chr9 130713978	+	C	8 chr9:130713880-130714455
## 75	chr9 130713979	+	T	8 chr9:130713880-130714455
## 76	chr9 130713980	+	T	8 chr9:130713880-130714455
## 77	chr9 130713981	+	T	7 chr9:130713880-130714455
## 78	chr9 130713982	+	T	7 chr9:130713880-130714455
## 79	chr9 130713983	+	C	7 chr9:130713880-130714455
## 80	chr9 130713984	+	A	7 chr9:130713880-130714455
## 81	chr9 130713985	+	G	7 chr9:130713880-130714455
## 82	chr9 130713986	+	C	7 chr9:130713880-130714455
## 83	chr9 130713987	+	A	7 chr9:130713880-130714455
## 84	chr9 130713988	+	T	7 chr9:130713880-130714455
## 85	chr9 130713989	+	C	8 chr9:130713880-130714455
## 86	chr9 130713990	+	C	8 chr9:130713880-130714455
## 87	chr9 130713991	+	C	8 chr9:130713880-130714455

## 88	chr9 130713992	+	C	8 chr9:130713880-130714455
## 89	chr9 130713993	+	T	8 chr9:130713880-130714455
## 90	chr9 130713994	+	G	8 chr9:130713880-130714455
## 91	chr9 130713995	+	T	6 chr9:130713880-130714455
## 92	chr9 130713996	+	G	8 chr9:130713880-130714455
## 93	chr9 130713997	+	A	8 chr9:130713880-130714455
## 94	chr9 130713998	+	A	8 chr9:130713880-130714455
## 95	chr9 130713999	+	T	11 chr9:130713880-130714455
## 96	chr9 130714000	+	A	11 chr9:130713880-130714455
## 97	chr9 130714001	+	T	11 chr9:130713880-130714455
## 98	chr9 130714002	+	T	11 chr9:130713880-130714455
## 99	chr9 130714003	+	T	11 chr9:130713880-130714455
## 100	chr9 130714004	+	C	11 chr9:130713880-130714455
## 101	chr9 130714005	+	T	11 chr9:130713880-130714455
## 102	chr9 130714006	+	G	11 chr9:130713880-130714455
## 103	chr9 130714007	+	T	10 chr9:130713880-130714455
## 104	chr9 130714008	+	T	10 chr9:130713880-130714455
## 105	chr9 130714009	+	T	10 chr9:130713880-130714455
## 106	chr9 130714010	+	A	10 chr9:130713880-130714455
## 107	chr9 130714011	+	G	10 chr9:130713880-130714455
## 108	chr9 130714012	+	G	10 chr9:130713880-130714455
## 109	chr9 130714013	+	T	10 chr9:130713880-130714455
## 110	chr9 130714014	+	T	10 chr9:130713880-130714455
## 111	chr9 130714015	+	T	10 chr9:130713880-130714455
## 112	chr9 130714016	+	T	10 chr9:130713880-130714455
## 113	chr9 130714017	+	T	10 chr9:130713880-130714455
## 114	chr9 130714018	+	C	9 chr9:130713880-130714455
## 115	chr9 130714019	+	T	9 chr9:130713880-130714455
## 116	chr9 130714020	+	T	9 chr9:130713880-130714455
## 117	chr9 130714021	+	C	10 chr9:130713880-130714455
## 118	chr9 130714022	+	T	11 chr9:130713880-130714455
## 119	chr9 130714023	+	T	11 chr9:130713880-130714455
## 120	chr9 130714024	+	G	11 chr9:130713880-130714455
## 121	chr9 130714025	+	A	10 chr9:130713880-130714455
## 122	chr9 130714026	+	A	10 chr9:130713880-130714455
## 123	chr9 130714027	+	A	10 chr9:130713880-130714455
## 124	chr9 130714028	+	A	10 chr9:130713880-130714455
## 125	chr9 130714029	+	G	10 chr9:130713880-130714455
## 126	chr9 130714030	+	A	13 chr9:130713880-130714455
## 127	chr9 130714031	+	A	13 chr9:130713880-130714455
## 128	chr9 130714032	+	A	13 chr9:130713880-130714455
## 129	chr9 130714033	+	T	13 chr9:130713880-130714455
## 130	chr9 130714034	+	T	13 chr9:130713880-130714455
## 131	chr9 130714035	+	G	13 chr9:130713880-130714455
## 132	chr9 130714036	+	T	13 chr9:130713880-130714455
## 133	chr9 130714037	+	T	13 chr9:130713880-130714455
## 134	chr9 130714038	+	A	13 chr9:130713880-130714455
## 135	chr9 130714039	+	T	13 chr9:130713880-130714455
## 136	chr9 130714040	+	T	13 chr9:130713880-130714455
## 137	chr9 130714041	+	C	13 chr9:130713880-130714455
## 138	chr9 130714042	+	A	13 chr9:130713880-130714455
## 139	chr9 130714043	+	G	14 chr9:130713880-130714455
## 140	chr9 130714044	+	C	14 chr9:130713880-130714455
## 141	chr9 130714045	+	C	14 chr9:130713880-130714455

## 142	chr9 130714046	+	C	14	chr9:130713880-130714455
## 143	chr9 130714047	+	G	15	chr9:130713880-130714455
## 144	chr9 130714048	+	T	16	chr9:130713880-130714455
## 145	chr9 130714049	+	T	15	chr9:130713880-130714455
## 146	chr9 130714050	+	T	17	chr9:130713880-130714455
## 147	chr9 130714051	+	A	17	chr9:130713880-130714455
## 148	chr9 130714052	+	A	16	chr9:130713880-130714455
## 149	chr9 130714053	+	A	16	chr9:130713880-130714455
## 150	chr9 130714054	+	A	16	chr9:130713880-130714455
## 151	chr9 130714055	+	C	16	chr9:130713880-130714455
## 152	chr9 130714056	+	A	16	chr9:130713880-130714455
## 153	chr9 130714057	+	A	18	chr9:130713880-130714455
## 154	chr9 130714058	+	A	20	chr9:130713880-130714455
## 155	chr9 130714059	+	T	20	chr9:130713880-130714455
## 156	chr9 130714060	+	C	20	chr9:130713880-130714455
## 157	chr9 130714061	+	A	20	chr9:130713880-130714455
## 158	chr9 130714062	+	A	20	chr9:130713880-130714455
## 159	chr9 130714063	+	G	20	chr9:130713880-130714455
## 160	chr9 130714064	+	A	19	chr9:130713880-130714455
## 161	chr9 130714065	+	A	19	chr9:130713880-130714455
## 162	chr9 130714066	+	A	19	chr9:130713880-130714455
## 163	chr9 130714067	+	C	19	chr9:130713880-130714455
## 164	chr9 130714068	+	T	19	chr9:130713880-130714455
## 165	chr9 130714069	+	T	19	chr9:130713880-130714455
## 166	chr9 130714070	+	T	19	chr9:130713880-130714455
## 167	chr9 130714071	+	T	17	chr9:130713880-130714455
## 168	chr9 130714072	+	G	24	chr9:130713880-130714455
## 169	chr9 130714073	+	G	24	chr9:130713880-130714455
## 170	chr9 130714074	+	G	21	chr9:130713880-130714455
## 171	chr9 130714075	+	T	21	chr9:130713880-130714455
## 172	chr9 130714076	+	A	21	chr9:130713880-130714455
## 173	chr9 130714077	+	A	21	chr9:130713880-130714455
## 174	chr9 130714078	+	C	21	chr9:130713880-130714455
## 175	chr9 130714079	+	A	21	chr9:130713880-130714455
## 176	chr9 130714080	+	T	21	chr9:130713880-130714455
## 177	chr9 130714081	+	T	21	chr9:130713880-130714455
## 178	chr9 130714082	+	G	22	chr9:130713880-130714455
## 179	chr9 130714083	+	C	24	chr9:130713880-130714455
## 180	chr9 130714084	+	A	24	chr9:130713880-130714455
## 181	chr9 130714085	+	A	27	chr9:130713880-130714455
## 182	chr9 130714086	+	T	29	chr9:130713880-130714455
## 183	chr9 130714087	+	T	31	chr9:130713880-130714455
## 184	chr9 130714088	+	A	31	chr9:130713880-130714455
## 185	chr9 130714089	+	C	34	chr9:130713880-130714455
## 186	chr9 130714090	+	A	34	chr9:130713880-130714455
## 187	chr9 130714091	+	T	35	chr9:130713880-130714455
## 188	chr9 130714092	+	G	35	chr9:130713880-130714455
## 189	chr9 130714093	+	A	35	chr9:130713880-130714455
## 190	chr9 130714094	+	A	36	chr9:130713880-130714455
## 191	chr9 130714095	+	A	36	chr9:130713880-130714455
## 192	chr9 130714096	+	T	36	chr9:130713880-130714455
## 193	chr9 130714097	+	T	39	chr9:130713880-130714455
## 194	chr9 130714098	+	G	39	chr9:130713880-130714455
## 195	chr9 130714099	+	A	40	chr9:130713880-130714455

## 196	chr9 130714100	+	T	40	chr9:130713880-130714455
## 197	chr9 130714101	+	A	43	chr9:130713880-130714455
## 198	chr9 130714102	+	A	43	chr9:130713880-130714455
## 199	chr9 130714103	+	C	44	chr9:130713880-130714455
## 200	chr9 130714104	+	C	44	chr9:130713880-130714455
## 201	chr9 130714105	+	G	42	chr9:130713880-130714455
## 202	chr9 130714106	+	C	44	chr9:130713880-130714455
## 203	chr9 130714107	+	G	46	chr9:130713880-130714455
## 204	chr9 130714108	+	A	47	chr9:130713880-130714455
## 205	chr9 130714109	+	A	48	chr9:130713880-130714455
## 206	chr9 130714110	+	A	50	chr9:130713880-130714455
## 207	chr9 130714111	+	A	51	chr9:130713880-130714455
## 208	chr9 130714112	+	T	53	chr9:130713880-130714455
## 209	chr9 130714113	+	A	53	chr9:130713880-130714455
## 210	chr9 130714114	+	A	53	chr9:130713880-130714455
## 211	chr9 130714115	+	T	53	chr9:130713880-130714455
## 212	chr9 130714116	+	T	53	chr9:130713880-130714455
## 213	chr9 130714117	+	G	53	chr9:130713880-130714455
## 214	chr9 130714118	+	G	52	chr9:130713880-130714455
## 215	chr9 130714119	+	A	56	chr9:130713880-130714455
## 216	chr9 130714120	+	A	58	chr9:130713880-130714455
## 217	chr9 130714121	+	C	59	chr9:130713880-130714455
## 218	chr9 130714122	+	T	61	chr9:130713880-130714455
## 219	chr9 130714123	+	C	63	chr9:130713880-130714455
## 220	chr9 130714124	+	C	67	chr9:130713880-130714455
## 221	chr9 130714124	+	T	2	chr9:130713880-130714455
## 222	chr9 130714125	+	T	71	chr9:130713880-130714455
## 223	chr9 130714126	+	G	73	chr9:130713880-130714455
## 224	chr9 130714127	+	C	73	chr9:130713880-130714455
## 225	chr9 130714128	+	T	78	chr9:130713880-130714455
## 226	chr9 130714129	+	T	79	chr9:130713880-130714455
## 227	chr9 130714130	+	G	85	chr9:130713880-130714455
## 228	chr9 130714131	+	C	88	chr9:130713880-130714455
## 229	chr9 130714132	+	A	88	chr9:130713880-130714455
## 230	chr9 130714133	+	A	88	chr9:130713880-130714455
## 231	chr9 130714134	+	G	87	chr9:130713880-130714455
## 232	chr9 130714134	+	T	2	chr9:130713880-130714455
## 233	chr9 130714135	+	T	92	chr9:130713880-130714455
## 234	chr9 130714136	+	G	92	chr9:130713880-130714455
## 235	chr9 130714137	+	T	92	chr9:130713880-130714455
## 236	chr9 130714138	+	C	93	chr9:130713880-130714455
## 237	chr9 130714139	+	A	95	chr9:130713880-130714455
## 238	chr9 130714140	+	A	98	chr9:130713880-130714455
## 239	chr9 130714141	+	C	100	chr9:130713880-130714455
## 240	chr9 130714142	+	C	102	chr9:130713880-130714455
## 241	chr9 130714143	+	T	111	chr9:130713880-130714455
## 242	chr9 130714144	+	A	113	chr9:130713880-130714455
## 243	chr9 130714145	+	A	120	chr9:130713880-130714455
## 244	chr9 130714146	+	A	125	chr9:130713880-130714455
## 245	chr9 130714147	+	A	122	chr9:130713880-130714455
## 246	chr9 130714148	+	A	128	chr9:130713880-130714455
## 247	chr9 130714149	+	A	134	chr9:130713880-130714455
## 248	chr9 130714150	+	A	143	chr9:130713880-130714455
## 249	chr9 130714151	+	G	149	chr9:130713880-130714455

## 250	chr9 130714152	+	T	154	chr9:130713880-130714455
## 251	chr9 130714153	+	G	155	chr9:130713880-130714455
## 252	chr9 130714154	+	C	160	chr9:130713880-130714455
## 253	chr9 130714155	+	T	172	chr9:130713880-130714455
## 254	chr9 130714156	+	T	176	chr9:130713880-130714455
## 255	chr9 130714157	+	C	175	chr9:130713880-130714455
## 256	chr9 130714158	+	C	176	chr9:130713880-130714455
## 257	chr9 130714159	+	T	183	chr9:130713880-130714455
## 258	chr9 130714160	+	T	183	chr9:130713880-130714455
## 259	chr9 130714161	+	T	184	chr9:130713880-130714455
## 260	chr9 130714162	+	T	187	chr9:130713880-130714455
## 261	chr9 130714163	+	C	1	chr9:130713880-130714455
## 262	chr9 130714163	+	G	188	chr9:130713880-130714455
## 263	chr9 130714164	+	A	1	chr9:130713880-130714455
## 264	chr9 130714164	+	T	194	chr9:130713880-130714455
## 265	chr9 130714165	+	T	196	chr9:130713880-130714455
## 266	chr9 130714166	+	A	206	chr9:130713880-130714455
## 267	chr9 130714167	+	T	214	chr9:130713880-130714455
## 268	chr9 130714168	+	G	215	chr9:130713880-130714455
## 269	chr9 130714169	+	G	221	chr9:130713880-130714455
## 270	chr9 130714169	-	G	1	chr9:130713880-130714455
## 271	chr9 130714170	+	A	230	chr9:130713880-130714455
## 272	chr9 130714170	-	A	1	chr9:130713880-130714455
## 273	chr9 130714171	+	A	235	chr9:130713880-130714455
## 274	chr9 130714171	-	A	2	chr9:130713880-130714455
## 275	chr9 130714172	+	G	233	chr9:130713880-130714455
## 276	chr9 130714172	-	G	4	chr9:130713880-130714455
## 277	chr9 130714173	+	A	237	chr9:130713880-130714455
## 278	chr9 130714173	-	A	6	chr9:130713880-130714455
## 279	chr9 130714174	+	T	243	chr9:130713880-130714455
## 280	chr9 130714174	-	T	6	chr9:130713880-130714455
## 281	chr9 130714175	+	G	245	chr9:130713880-130714455
## 282	chr9 130714175	-	G	6	chr9:130713880-130714455
## 283	chr9 130714176	+	T	243	chr9:130713880-130714455
## 284	chr9 130714176	-	T	6	chr9:130713880-130714455
## 285	chr9 130714177	+	C	245	chr9:130713880-130714455
## 286	chr9 130714177	-	C	6	chr9:130713880-130714455
## 287	chr9 130714178	+	T	245	chr9:130713880-130714455
## 288	chr9 130714178	-	T	6	chr9:130713880-130714455
## 289	chr9 130714179	+	T	246	chr9:130713880-130714455
## 290	chr9 130714179	-	T	6	chr9:130713880-130714455
## 291	chr9 130714180	+	T	246	chr9:130713880-130714455
## 292	chr9 130714180	-	T	6	chr9:130713880-130714455
## 293	chr9 130714181	+	C	245	chr9:130713880-130714455
## 294	chr9 130714181	-	C	6	chr9:130713880-130714455
## 295	chr9 130714182	+	T	244	chr9:130713880-130714455
## 296	chr9 130714182	-	T	6	chr9:130713880-130714455
## 297	chr9 130714183	+	G	244	chr9:130713880-130714455
## 298	chr9 130714183	-	G	6	chr9:130713880-130714455
## 299	chr9 130714184	+	T	244	chr9:130713880-130714455
## 300	chr9 130714184	-	T	6	chr9:130713880-130714455
## 301	chr9 130714185	+	G	242	chr9:130713880-130714455
## 302	chr9 130714185	-	G	6	chr9:130713880-130714455
## 303	chr9 130714186	+	A	244	chr9:130713880-130714455

## 304	chr9 130714186	-	A	6	chr9:130713880-130714455
## 305	chr9 130714187	+	T	243	chr9:130713880-130714455
## 306	chr9 130714187	-	T	6	chr9:130713880-130714455
## 307	chr9 130714188	+	T	245	chr9:130713880-130714455
## 308	chr9 130714188	-	T	6	chr9:130713880-130714455
## 309	chr9 130714189	+	G	245	chr9:130713880-130714455
## 310	chr9 130714189	-	G	6	chr9:130713880-130714455
## 311	chr9 130714189	+	T	1	chr9:130713880-130714455
## 312	chr9 130714190	+	A	246	chr9:130713880-130714455
## 313	chr9 130714190	-	A	6	chr9:130713880-130714455
## 314	chr9 130714190	+	C	1	chr9:130713880-130714455
## 315	chr9 130714191	+	C	248	chr9:130713880-130714455
## 316	chr9 130714191	-	C	6	chr9:130713880-130714455
## 317	chr9 130714192	+	T	249	chr9:130713880-130714455
## 318	chr9 130714192	-	T	6	chr9:130713880-130714455
## 319	chr9 130714193	+	T	249	chr9:130713880-130714455
## 320	chr9 130714193	-	T	6	chr9:130713880-130714455
## 321	chr9 130714194	+	C	246	chr9:130713880-130714455
## 322	chr9 130714194	-	C	6	chr9:130713880-130714455
## 323	chr9 130714195	+	A	245	chr9:130713880-130714455
## 324	chr9 130714195	-	A	6	chr9:130713880-130714455
## 325	chr9 130714196	+	A	246	chr9:130713880-130714455
## 326	chr9 130714196	-	A	6	chr9:130713880-130714455
## 327	chr9 130714197	+	T	244	chr9:130713880-130714455
## 328	chr9 130714197	-	T	6	chr9:130713880-130714455
## 329	chr9 130714198	+	T	242	chr9:130713880-130714455
## 330	chr9 130714198	-	T	6	chr9:130713880-130714455
## 331	chr9 130714199	+	G	237	chr9:130713880-130714455
## 332	chr9 130714199	-	G	7	chr9:130713880-130714455
## 333	chr9 130714200	+	C	237	chr9:130713880-130714455
## 334	chr9 130714200	-	C	8	chr9:130713880-130714455
## 335	chr9 130714200	-	T	1	chr9:130713880-130714455
## 336	chr9 130714201	+	T	240	chr9:130713880-130714455
## 337	chr9 130714201	-	T	9	chr9:130713880-130714455
## 338	chr9 130714202	+	G	242	chr9:130713880-130714455
## 339	chr9 130714202	-	G	9	chr9:130713880-130714455
## 340	chr9 130714203	+	A	238	chr9:130713880-130714455
## 341	chr9 130714203	-	A	9	chr9:130713880-130714455
## 342	chr9 130714204	+	C	241	chr9:130713880-130714455
## 343	chr9 130714204	-	C	9	chr9:130713880-130714455
## 344	chr9 130714205	+	C	1	chr9:130713880-130714455
## 345	chr9 130714205	+	T	235	chr9:130713880-130714455
## 346	chr9 130714205	-	T	9	chr9:130713880-130714455
## 347	chr9 130714206	+	T	239	chr9:130713880-130714455
## 348	chr9 130714206	-	T	9	chr9:130713880-130714455
## 349	chr9 130714207	+	G	240	chr9:130713880-130714455
## 350	chr9 130714207	-	G	9	chr9:130713880-130714455
## 351	chr9 130714208	+	T	240	chr9:130713880-130714455
## 352	chr9 130714208	-	T	9	chr9:130713880-130714455
## 353	chr9 130714209	+	G	241	chr9:130713880-130714455
## 354	chr9 130714209	-	G	9	chr9:130713880-130714455
## 355	chr9 130714210	+	G	239	chr9:130713880-130714455
## 356	chr9 130714210	-	G	9	chr9:130713880-130714455
## 357	chr9 130714211	+	A	240	chr9:130713880-130714455

## 358	chr9 130714211	-	A	10	chr9:130713880-130714455
## 359	chr9 130714212	+	G	241	chr9:130713880-130714455
## 360	chr9 130714212	-	G	10	chr9:130713880-130714455
## 361	chr9 130714213	+	A	241	chr9:130713880-130714455
## 362	chr9 130714213	-	A	10	chr9:130713880-130714455
## 363	chr9 130714214	+	T	240	chr9:130713880-130714455
## 364	chr9 130714214	-	T	10	chr9:130713880-130714455
## 365	chr9 130714215	+	G	238	chr9:130713880-130714455
## 366	chr9 130714215	-	G	10	chr9:130713880-130714455
## 367	chr9 130714216	+	C	236	chr9:130713880-130714455
## 368	chr9 130714216	-	C	13	chr9:130713880-130714455
## 369	chr9 130714217	+	A	236	chr9:130713880-130714455
## 370	chr9 130714217	-	A	12	chr9:130713880-130714455
## 371	chr9 130714217	-	T	1	chr9:130713880-130714455
## 372	chr9 130714218	+	G	229	chr9:130713880-130714455
## 373	chr9 130714218	-	G	13	chr9:130713880-130714455
## 374	chr9 130714219	+	C	234	chr9:130713880-130714455
## 375	chr9 130714219	-	C	13	chr9:130713880-130714455
## 376	chr9 130714219	+	T	2	chr9:130713880-130714455
## 377	chr9 130714220	+	G	231	chr9:130713880-130714455
## 378	chr9 130714220	-	G	13	chr9:130713880-130714455
## 379	chr9 130714221	+	A	230	chr9:130713880-130714455
## 380	chr9 130714221	-	A	16	chr9:130713880-130714455
## 381	chr9 130714222	+	A	231	chr9:130713880-130714455
## 382	chr9 130714222	-	A	16	chr9:130713880-130714455
## 383	chr9 130714223	+	T	229	chr9:130713880-130714455
## 384	chr9 130714223	-	T	16	chr9:130713880-130714455
## 385	chr9 130714224	+	G	224	chr9:130713880-130714455
## 386	chr9 130714224	-	G	21	chr9:130713880-130714455
## 387	chr9 130714225	+	T	221	chr9:130713880-130714455
## 388	chr9 130714225	-	T	21	chr9:130713880-130714455
## 389	chr9 130714226	+	G	217	chr9:130713880-130714455
## 390	chr9 130714226	-	G	23	chr9:130713880-130714455
## 391	chr9 130714227	+	A	223	chr9:130713880-130714455
## 392	chr9 130714227	-	A	23	chr9:130713880-130714455
## 393	chr9 130714228	+	A	224	chr9:130713880-130714455
## 394	chr9 130714228	-	A	23	chr9:130713880-130714455
## 395	chr9 130714229	+	A	223	chr9:130713880-130714455
## 396	chr9 130714229	-	A	23	chr9:130713880-130714455
## 397	chr9 130714230	+	T	215	chr9:130713880-130714455
## 398	chr9 130714230	-	T	24	chr9:130713880-130714455
## 399	chr9 130714231	+	C	212	chr9:130713880-130714455
## 400	chr9 130714231	-	C	30	chr9:130713880-130714455
## 401	chr9 130714232	+	C	214	chr9:130713880-130714455
## 402	chr9 130714232	-	C	31	chr9:130713880-130714455
## 403	chr9 130714233	+	C	213	chr9:130713880-130714455
## 404	chr9 130714233	-	C	31	chr9:130713880-130714455
## 405	chr9 130714234	+	A	207	chr9:130713880-130714455
## 406	chr9 130714234	-	A	36	chr9:130713880-130714455
## 407	chr9 130714234	+	C	1	chr9:130713880-130714455
## 408	chr9 130714235	+	C	206	chr9:130713880-130714455
## 409	chr9 130714235	-	C	40	chr9:130713880-130714455
## 410	chr9 130714235	+	T	2	chr9:130713880-130714455
## 411	chr9 130714236	+	G	207	chr9:130713880-130714455

## 412	chr9 130714236	-	G	40	chr9:130713880-130714455
## 413	chr9 130714237	+	T	206	chr9:130713880-130714455
## 414	chr9 130714237	-	T	40	chr9:130713880-130714455
## 415	chr9 130714238	+	A	209	chr9:130713880-130714455
## 416	chr9 130714238	-	A	40	chr9:130713880-130714455
## 417	chr9 130714239	+	T	202	chr9:130713880-130714455
## 418	chr9 130714239	-	T	40	chr9:130713880-130714455
## 419	chr9 130714240	+	A	205	chr9:130713880-130714455
## 420	chr9 130714240	-	A	43	chr9:130713880-130714455
## 421	chr9 130714240	+	T	1	chr9:130713880-130714455
## 422	chr9 130714241	+	T	197	chr9:130713880-130714455
## 423	chr9 130714241	-	T	43	chr9:130713880-130714455
## 424	chr9 130714242	+	G	190	chr9:130713880-130714455
## 425	chr9 130714242	-	G	51	chr9:130713880-130714455
## 426	chr9 130714243	+	C	198	chr9:130713880-130714455
## 427	chr9 130714243	-	C	51	chr9:130713880-130714455
## 428	chr9 130714244	+	C	192	chr9:130713880-130714455
## 429	chr9 130714244	-	C	50	chr9:130713880-130714455
## 430	chr9 130714244	+	T	1	chr9:130713880-130714455
## 431	chr9 130714245	+	A	192	chr9:130713880-130714455
## 432	chr9 130714245	-	A	51	chr9:130713880-130714455
## 433	chr9 130714246	+	T	191	chr9:130713880-130714455
## 434	chr9 130714246	-	T	54	chr9:130713880-130714455
## 435	chr9 130714247	+	T	193	chr9:130713880-130714455
## 436	chr9 130714247	-	T	53	chr9:130713880-130714455
## 437	chr9 130714248	+	T	194	chr9:130713880-130714455
## 438	chr9 130714248	-	T	51	chr9:130713880-130714455
## 439	chr9 130714249	+	C	193	chr9:130713880-130714455
## 440	chr9 130714249	-	C	51	chr9:130713880-130714455
## 441	chr9 130714250	+	C	196	chr9:130713880-130714455
## 442	chr9 130714250	-	C	53	chr9:130713880-130714455
## 443	chr9 130714251	+	C	197	chr9:130713880-130714455
## 444	chr9 130714251	-	C	53	chr9:130713880-130714455
## 445	chr9 130714252	+	T	196	chr9:130713880-130714455
## 446	chr9 130714252	-	T	53	chr9:130713880-130714455
## 447	chr9 130714253	+	C	197	chr9:130713880-130714455
## 448	chr9 130714253	-	C	52	chr9:130713880-130714455
## 449	chr9 130714253	-	T	1	chr9:130713880-130714455
## 450	chr9 130714254	+	T	197	chr9:130713880-130714455
## 451	chr9 130714254	-	T	53	chr9:130713880-130714455
## 452	chr9 130714255	+	A	197	chr9:130713880-130714455
## 453	chr9 130714255	-	A	53	chr9:130713880-130714455
## 454	chr9 130714256	+	C	196	chr9:130713880-130714455
## 455	chr9 130714256	-	C	54	chr9:130713880-130714455
## 456	chr9 130714257	+	G	196	chr9:130713880-130714455
## 457	chr9 130714257	-	G	54	chr9:130713880-130714455
## 458	chr9 130714258	+	C	195	chr9:130713880-130714455
## 459	chr9 130714258	-	C	55	chr9:130713880-130714455
## 460	chr9 130714259	+	T	195	chr9:130713880-130714455
## 461	chr9 130714259	-	T	55	chr9:130713880-130714455
## 462	chr9 130714260	+	C	195	chr9:130713880-130714455
## 463	chr9 130714260	-	C	55	chr9:130713880-130714455
## 464	chr9 130714260	+	T	1	chr9:130713880-130714455
## 465	chr9 130714261	+	G	194	chr9:130713880-130714455

## 466	chr9 130714261	-	G	55	chr9:130713880-130714455
## 467	chr9 130714262	+	C	195	chr9:130713880-130714455
## 468	chr9 130714262	-	C	55	chr9:130713880-130714455
## 469	chr9 130714263	+	T	194	chr9:130713880-130714455
## 470	chr9 130714263	-	T	55	chr9:130713880-130714455
## 471	chr9 130714264	+	G	194	chr9:130713880-130714455
## 472	chr9 130714264	-	G	56	chr9:130713880-130714455
## 473	chr9 130714265	+	A	194	chr9:130713880-130714455
## 474	chr9 130714265	-	A	56	chr9:130713880-130714455
## 475	chr9 130714266	+	C	194	chr9:130713880-130714455
## 476	chr9 130714266	-	C	56	chr9:130713880-130714455
## 477	chr9 130714267	+	C	194	chr9:130713880-130714455
## 478	chr9 130714267	-	C	56	chr9:130713880-130714455
## 479	chr9 130714268	+	G	194	chr9:130713880-130714455
## 480	chr9 130714268	-	G	56	chr9:130713880-130714455
## 481	chr9 130714269	+	T	195	chr9:130713880-130714455
## 482	chr9 130714269	-	T	56	chr9:130713880-130714455
## 483	chr9 130714270	+	T	195	chr9:130713880-130714455
## 484	chr9 130714270	-	T	56	chr9:130713880-130714455
## 485	chr9 130714271	+	C	195	chr9:130713880-130714455
## 486	chr9 130714271	-	C	56	chr9:130713880-130714455
## 487	chr9 130714272	+	T	195	chr9:130713880-130714455
## 488	chr9 130714272	-	T	56	chr9:130713880-130714455
## 489	chr9 130714273	+	G	194	chr9:130713880-130714455
## 490	chr9 130714273	-	G	56	chr9:130713880-130714455
## 491	chr9 130714274	+	G	194	chr9:130713880-130714455
## 492	chr9 130714274	-	G	55	chr9:130713880-130714455
## 493	chr9 130714275	+	A	192	chr9:130713880-130714455
## 494	chr9 130714275	-	A	53	chr9:130713880-130714455
## 495	chr9 130714276	+	A	189	chr9:130713880-130714455
## 496	chr9 130714276	-	A	56	chr9:130713880-130714455
## 497	chr9 130714277	+	G	193	chr9:130713880-130714455
## 498	chr9 130714277	-	G	56	chr9:130713880-130714455
## 499	chr9 130714278	+	A	194	chr9:130713880-130714455
## 500	chr9 130714278	-	A	56	chr9:130713880-130714455
## 501	chr9 130714279	+	T	191	chr9:130713880-130714455
## 502	chr9 130714279	-	T	56	chr9:130713880-130714455
## 503	chr9 130714280	+	C	191	chr9:130713880-130714455
## 504	chr9 130714280	-	C	57	chr9:130713880-130714455
## 505	chr9 130714281	+	T	188	chr9:130713880-130714455
## 506	chr9 130714281	-	T	57	chr9:130713880-130714455
## 507	chr9 130714282	+	A	1	chr9:130713880-130714455
## 508	chr9 130714282	+	G	1	chr9:130713880-130714455
## 509	chr9 130714282	+	T	188	chr9:130713880-130714455
## 510	chr9 130714282	-	T	58	chr9:130713880-130714455
## 511	chr9 130714283	+	G	189	chr9:130713880-130714455
## 512	chr9 130714283	-	G	60	chr9:130713880-130714455
## 513	chr9 130714284	+	A	189	chr9:130713880-130714455
## 514	chr9 130714284	-	A	60	chr9:130713880-130714455
## 515	chr9 130714285	+	A	189	chr9:130713880-130714455
## 516	chr9 130714285	-	A	60	chr9:130713880-130714455
## 517	chr9 130714285	+	T	1	chr9:130713880-130714455
## 518	chr9 130714286	+	A	1	chr9:130713880-130714455
## 519	chr9 130714286	+	C	187	chr9:130713880-130714455

## 520	chr9 130714286	-	C	59	chr9:130713880-130714455
## 521	chr9 130714287	+	C	190	chr9:130713880-130714455
## 522	chr9 130714287	-	C	60	chr9:130713880-130714455
## 523	chr9 130714288	+	C	190	chr9:130713880-130714455
## 524	chr9 130714288	-	C	60	chr9:130713880-130714455
## 525	chr9 130714289	+	T	190	chr9:130713880-130714455
## 526	chr9 130714289	-	T	60	chr9:130713880-130714455
## 527	chr9 130714290	+	C	189	chr9:130713880-130714455
## 528	chr9 130714290	-	C	61	chr9:130713880-130714455
## 529	chr9 130714291	+	T	190	chr9:130713880-130714455
## 530	chr9 130714291	-	T	58	chr9:130713880-130714455
## 531	chr9 130714292	+	T	191	chr9:130713880-130714455
## 532	chr9 130714292	-	T	58	chr9:130713880-130714455
## 533	chr9 130714293	+	C	191	chr9:130713880-130714455
## 534	chr9 130714293	-	C	58	chr9:130713880-130714455
## 535	chr9 130714294	+	T	183	chr9:130713880-130714455
## 536	chr9 130714294	-	T	60	chr9:130713880-130714455
## 537	chr9 130714295	+	G	189	chr9:130713880-130714455
## 538	chr9 130714295	-	G	60	chr9:130713880-130714455
## 539	chr9 130714296	+	G	187	chr9:130713880-130714455
## 540	chr9 130714296	-	G	57	chr9:130713880-130714455
## 541	chr9 130714297	+	A	189	chr9:130713880-130714455
## 542	chr9 130714297	-	A	57	chr9:130713880-130714455
## 543	chr9 130714298	+	A	189	chr9:130713880-130714455
## 544	chr9 130714298	-	A	57	chr9:130713880-130714455
## 545	chr9 130714299	+	A	191	chr9:130713880-130714455
## 546	chr9 130714299	-	A	54	chr9:130713880-130714455
## 547	chr9 130714300	+	G	189	chr9:130713880-130714455
## 548	chr9 130714300	-	G	56	chr9:130713880-130714455
## 549	chr9 130714301	+	C	1	chr9:130713880-130714455
## 550	chr9 130714301	+	G	188	chr9:130713880-130714455
## 551	chr9 130714301	-	G	55	chr9:130713880-130714455
## 552	chr9 130714302	+	G	184	chr9:130713880-130714455
## 553	chr9 130714302	-	G	57	chr9:130713880-130714455
## 554	chr9 130714303	+	G	192	chr9:130713880-130714455
## 555	chr9 130714303	-	G	57	chr9:130713880-130714455
## 556	chr9 130714304	+	T	190	chr9:130713880-130714455
## 557	chr9 130714304	-	T	57	chr9:130713880-130714455
## 558	chr9 130714305	+	A	189	chr9:130713880-130714455
## 559	chr9 130714305	-	A	56	chr9:130713880-130714455
## 560	chr9 130714306	+	C	192	chr9:130713880-130714455
## 561	chr9 130714306	-	C	52	chr9:130713880-130714455
## 562	chr9 130714307	+	C	190	chr9:130713880-130714455
## 563	chr9 130714307	-	C	56	chr9:130713880-130714455
## 564	chr9 130714308	+	T	193	chr9:130713880-130714455
## 565	chr9 130714308	-	T	56	chr9:130713880-130714455
## 566	chr9 130714309	+	A	192	chr9:130713880-130714455
## 567	chr9 130714309	-	A	51	chr9:130713880-130714455
## 568	chr9 130714310	+	T	198	chr9:130713880-130714455
## 569	chr9 130714310	-	T	47	chr9:130713880-130714455
## 570	chr9 130714311	+	T	196	chr9:130713880-130714455
## 571	chr9 130714311	-	T	47	chr9:130713880-130714455
## 572	chr9 130714312	+	A	195	chr9:130713880-130714455
## 573	chr9 130714312	-	A	51	chr9:130713880-130714455

## 574	chr9 130714313	+	T	196	chr9:130713880-130714455
## 575	chr9 130714313	-	T	51	chr9:130713880-130714455
## 576	chr9 130714314	+	T	198	chr9:130713880-130714455
## 577	chr9 130714314	-	T	51	chr9:130713880-130714455
## 578	chr9 130714315	+	A	194	chr9:130713880-130714455
## 579	chr9 130714315	-	A	49	chr9:130713880-130714455
## 580	chr9 130714316	+	C	196	chr9:130713880-130714455
## 581	chr9 130714316	-	C	49	chr9:130713880-130714455
## 582	chr9 130714317	+	T	198	chr9:130713880-130714455
## 583	chr9 130714317	-	T	44	chr9:130713880-130714455
## 584	chr9 130714318	+	C	1	chr9:130713880-130714455
## 585	chr9 130714318	+	T	194	chr9:130713880-130714455
## 586	chr9 130714318	-	T	46	chr9:130713880-130714455
## 587	chr9 130714319	+	T	196	chr9:130713880-130714455
## 588	chr9 130714319	-	T	49	chr9:130713880-130714455
## 589	chr9 130714320	+	A	194	chr9:130713880-130714455
## 590	chr9 130714320	-	A	51	chr9:130713880-130714455
## 591	chr9 130714321	+	T	194	chr9:130713880-130714455
## 592	chr9 130714321	-	T	50	chr9:130713880-130714455
## 593	chr9 130714322	+	G	197	chr9:130713880-130714455
## 594	chr9 130714322	-	G	49	chr9:130713880-130714455
## 595	chr9 130714323	+	A	2	chr9:130713880-130714455
## 596	chr9 130714323	+	G	194	chr9:130713880-130714455
## 597	chr9 130714323	-	G	51	chr9:130713880-130714455
## 598	chr9 130714324	+	G	193	chr9:130713880-130714455
## 599	chr9 130714324	-	G	52	chr9:130713880-130714455
## 600	chr9 130714325	+	A	1	chr9:130713880-130714455
## 601	chr9 130714325	-	A	1	chr9:130713880-130714455
## 602	chr9 130714325	+	G	188	chr9:130713880-130714455
## 603	chr9 130714325	-	G	54	chr9:130713880-130714455
## 604	chr9 130714326	+	C	189	chr9:130713880-130714455
## 605	chr9 130714326	-	C	60	chr9:130713880-130714455
## 606	chr9 130714327	+	A	189	chr9:130713880-130714455
## 607	chr9 130714327	-	A	59	chr9:130713880-130714455
## 608	chr9 130714327	+	G	1	chr9:130713880-130714455
## 609	chr9 130714327	-	T	1	chr9:130713880-130714455
## 610	chr9 130714328	+	G	189	chr9:130713880-130714455
## 611	chr9 130714328	-	G	60	chr9:130713880-130714455
## 612	chr9 130714329	+	C	190	chr9:130713880-130714455
## 613	chr9 130714329	-	C	60	chr9:130713880-130714455
## 614	chr9 130714330	+	A	190	chr9:130713880-130714455
## 615	chr9 130714330	-	A	60	chr9:130713880-130714455
## 616	chr9 130714331	+	G	191	chr9:130713880-130714455
## 617	chr9 130714331	-	G	59	chr9:130713880-130714455
## 618	chr9 130714332	+	C	191	chr9:130713880-130714455
## 619	chr9 130714332	-	C	59	chr9:130713880-130714455
## 620	chr9 130714333	+	C	192	chr9:130713880-130714455
## 621	chr9 130714333	-	C	58	chr9:130713880-130714455
## 622	chr9 130714334	+	T	192	chr9:130713880-130714455
## 623	chr9 130714334	-	T	58	chr9:130713880-130714455
## 624	chr9 130714335	+	C	1	chr9:130713880-130714455
## 625	chr9 130714335	+	G	191	chr9:130713880-130714455
## 626	chr9 130714335	-	G	58	chr9:130713880-130714455
## 627	chr9 130714336	+	G	191	chr9:130713880-130714455

## 628	chr9 130714336	-	G	59	chr9:130713880-130714455
## 629	chr9 130714337	+	A	190	chr9:130713880-130714455
## 630	chr9 130714337	-	A	59	chr9:130713880-130714455
## 631	chr9 130714338	+	A	190	chr9:130713880-130714455
## 632	chr9 130714338	-	A	59	chr9:130713880-130714455
## 633	chr9 130714339	+	A	192	chr9:130713880-130714455
## 634	chr9 130714339	-	A	58	chr9:130713880-130714455
## 635	chr9 130714340	+	A	191	chr9:130713880-130714455
## 636	chr9 130714340	-	A	58	chr9:130713880-130714455
## 637	chr9 130714340	+	G	1	chr9:130713880-130714455
## 638	chr9 130714341	+	G	192	chr9:130713880-130714455
## 639	chr9 130714341	-	G	58	chr9:130713880-130714455
## 640	chr9 130714342	+	T	192	chr9:130713880-130714455
## 641	chr9 130714342	-	T	58	chr9:130713880-130714455
## 642	chr9 130714343	+	A	192	chr9:130713880-130714455
## 643	chr9 130714343	-	A	58	chr9:130713880-130714455
## 644	chr9 130714344	+	C	191	chr9:130713880-130714455
## 645	chr9 130714344	-	C	59	chr9:130713880-130714455
## 646	chr9 130714345	+	T	191	chr9:130713880-130714455
## 647	chr9 130714345	-	T	59	chr9:130713880-130714455
## 648	chr9 130714346	+	T	191	chr9:130713880-130714455
## 649	chr9 130714346	-	T	59	chr9:130713880-130714455
## 650	chr9 130714347	+	G	191	chr9:130713880-130714455
## 651	chr9 130714347	-	G	57	chr9:130713880-130714455
## 652	chr9 130714347	-	T	2	chr9:130713880-130714455
## 653	chr9 130714348	+	G	191	chr9:130713880-130714455
## 654	chr9 130714348	-	G	59	chr9:130713880-130714455
## 655	chr9 130714349	+	G	191	chr9:130713880-130714455
## 656	chr9 130714349	-	G	59	chr9:130713880-130714455
## 657	chr9 130714350	+	G	190	chr9:130713880-130714455
## 658	chr9 130714350	-	G	59	chr9:130713880-130714455
## 659	chr9 130714351	+	A	187	chr9:130713880-130714455
## 660	chr9 130714351	-	A	58	chr9:130713880-130714455
## 661	chr9 130714352	+	C	186	chr9:130713880-130714455
## 662	chr9 130714352	-	C	59	chr9:130713880-130714455
## 663	chr9 130714353	+	C	187	chr9:130713880-130714455
## 664	chr9 130714353	-	C	61	chr9:130713880-130714455
## 665	chr9 130714354	+	A	189	chr9:130713880-130714455
## 666	chr9 130714354	-	A	61	chr9:130713880-130714455
## 667	chr9 130714355	+	A	189	chr9:130713880-130714455
## 668	chr9 130714355	-	A	60	chr9:130713880-130714455
## 669	chr9 130714356	+	A	188	chr9:130713880-130714455
## 670	chr9 130714356	-	A	60	chr9:130713880-130714455
## 671	chr9 130714357	+	G	186	chr9:130713880-130714455
## 672	chr9 130714357	-	G	59	chr9:130713880-130714455
## 673	chr9 130714358	+	A	189	chr9:130713880-130714455
## 674	chr9 130714358	-	A	57	chr9:130713880-130714455
## 675	chr9 130714359	+	A	193	chr9:130713880-130714455
## 676	chr9 130714359	-	A	57	chr9:130713880-130714455
## 677	chr9 130714360	+	G	191	chr9:130713880-130714455
## 678	chr9 130714360	-	G	57	chr9:130713880-130714455
## 679	chr9 130714361	+	A	1	chr9:130713880-130714455
## 680	chr9 130714361	-	C	1	chr9:130713880-130714455
## 681	chr9 130714361	+	G	190	chr9:130713880-130714455

## 682	chr9 130714361	-	G	58	chr9:130713880-130714455
## 683	chr9 130714362	+	C	188	chr9:130713880-130714455
## 684	chr9 130714362	-	C	59	chr9:130713880-130714455
## 685	chr9 130714363	+	C	189	chr9:130713880-130714455
## 686	chr9 130714363	-	C	60	chr9:130713880-130714455
## 687	chr9 130714364	+	A	190	chr9:130713880-130714455
## 688	chr9 130714364	-	A	60	chr9:130713880-130714455
## 689	chr9 130714365	+	A	191	chr9:130713880-130714455
## 690	chr9 130714365	-	A	59	chr9:130713880-130714455
## 691	chr9 130714366	+	G	191	chr9:130713880-130714455
## 692	chr9 130714366	-	G	59	chr9:130713880-130714455
## 693	chr9 130714367	+	C	189	chr9:130713880-130714455
## 694	chr9 130714367	-	C	59	chr9:130713880-130714455
## 695	chr9 130714368	+	T	188	chr9:130713880-130714455
## 696	chr9 130714368	-	T	61	chr9:130713880-130714455
## 697	chr9 130714369	+	T	189	chr9:130713880-130714455
## 698	chr9 130714369	-	T	59	chr9:130713880-130714455
## 699	chr9 130714370	+	G	185	chr9:130713880-130714455
## 700	chr9 130714370	-	G	59	chr9:130713880-130714455
## 701	chr9 130714371	+	C	186	chr9:130713880-130714455
## 702	chr9 130714371	-	C	63	chr9:130713880-130714455
## 703	chr9 130714372	+	C	181	chr9:130713880-130714455
## 704	chr9 130714372	-	C	63	chr9:130713880-130714455
## 705	chr9 130714373	+	T	183	chr9:130713880-130714455
## 706	chr9 130714373	-	T	62	chr9:130713880-130714455
## 707	chr9 130714374	+	G	183	chr9:130713880-130714455
## 708	chr9 130714374	-	G	63	chr9:130713880-130714455
## 709	chr9 130714375	+	C	186	chr9:130713880-130714455
## 710	chr9 130714375	-	C	61	chr9:130713880-130714455
## 711	chr9 130714376	+	A	1	chr9:130713880-130714455
## 712	chr9 130714376	+	C	186	chr9:130713880-130714455
## 713	chr9 130714376	-	C	61	chr9:130713880-130714455
## 714	chr9 130714377	+	C	184	chr9:130713880-130714455
## 715	chr9 130714377	-	C	60	chr9:130713880-130714455
## 716	chr9 130714378	+	T	175	chr9:130713880-130714455
## 717	chr9 130714378	-	T	66	chr9:130713880-130714455
## 718	chr9 130714379	+	G	178	chr9:130713880-130714455
## 719	chr9 130714379	-	G	71	chr9:130713880-130714455
## 720	chr9 130714380	+	C	176	chr9:130713880-130714455
## 721	chr9 130714380	-	C	71	chr9:130713880-130714455
## 722	chr9 130714381	+	A	177	chr9:130713880-130714455
## 723	chr9 130714381	-	A	69	chr9:130713880-130714455
## 724	chr9 130714382	+	T	180	chr9:130713880-130714455
## 725	chr9 130714382	-	T	64	chr9:130713880-130714455
## 726	chr9 130714383	+	T	182	chr9:130713880-130714455
## 727	chr9 130714383	-	T	64	chr9:130713880-130714455
## 728	chr9 130714384	+	T	185	chr9:130713880-130714455
## 729	chr9 130714384	-	T	64	chr9:130713880-130714455
## 730	chr9 130714385	+	T	179	chr9:130713880-130714455
## 731	chr9 130714385	-	T	64	chr9:130713880-130714455
## 732	chr9 130714386	+	A	186	chr9:130713880-130714455
## 733	chr9 130714386	-	A	64	chr9:130713880-130714455
## 734	chr9 130714387	+	T	183	chr9:130713880-130714455
## 735	chr9 130714387	-	T	60	chr9:130713880-130714455

## 736	chr9 130714388	+	C	180	chr9:130713880-130714455
## 737	chr9 130714388	-	C	62	chr9:130713880-130714455
## 738	chr9 130714389	+	A	176	chr9:130713880-130714455
## 739	chr9 130714389	-	A	65	chr9:130713880-130714455
## 740	chr9 130714390	+	A	185	chr9:130713880-130714455
## 741	chr9 130714390	-	A	64	chr9:130713880-130714455
## 742	chr9 130714391	+	A	183	chr9:130713880-130714455
## 743	chr9 130714391	-	A	64	chr9:130713880-130714455
## 744	chr9 130714392	+	G	185	chr9:130713880-130714455
## 745	chr9 130714392	-	G	61	chr9:130713880-130714455
## 746	chr9 130714393	+	G	182	chr9:130713880-130714455
## 747	chr9 130714393	-	G	60	chr9:130713880-130714455
## 748	chr9 130714394	+	A	188	chr9:130713880-130714455
## 749	chr9 130714394	-	A	57	chr9:130713880-130714455
## 750	chr9 130714395	+	G	184	chr9:130713880-130714455
## 751	chr9 130714395	-	G	55	chr9:130713880-130714455
## 752	chr9 130714396	+	C	187	chr9:130713880-130714455
## 753	chr9 130714396	-	C	51	chr9:130713880-130714455
## 754	chr9 130714397	+	A	192	chr9:130713880-130714455
## 755	chr9 130714397	-	A	51	chr9:130713880-130714455
## 756	chr9 130714397	+	G	1	chr9:130713880-130714455
## 757	chr9 130714398	+	G	190	chr9:130713880-130714455
## 758	chr9 130714398	-	G	50	chr9:130713880-130714455
## 759	chr9 130714399	+	G	198	chr9:130713880-130714455
## 760	chr9 130714399	-	G	49	chr9:130713880-130714455
## 761	chr9 130714400	+	G	201	chr9:130713880-130714455
## 762	chr9 130714400	-	G	44	chr9:130713880-130714455
## 763	chr9 130714401	+	A	203	chr9:130713880-130714455
## 764	chr9 130714401	-	A	41	chr9:130713880-130714455
## 765	chr9 130714402	+	A	208	chr9:130713880-130714455
## 766	chr9 130714402	-	A	41	chr9:130713880-130714455
## 767	chr9 130714403	-	A	1	chr9:130713880-130714455
## 768	chr9 130714403	+	G	209	chr9:130713880-130714455
## 769	chr9 130714403	-	G	40	chr9:130713880-130714455
## 770	chr9 130714404	+	A	208	chr9:130713880-130714455
## 771	chr9 130714404	-	A	41	chr9:130713880-130714455
## 772	chr9 130714405	+	A	209	chr9:130713880-130714455
## 773	chr9 130714405	-	A	41	chr9:130713880-130714455
## 774	chr9 130714406	+	G	209	chr9:130713880-130714455
## 775	chr9 130714406	-	G	40	chr9:130713880-130714455
## 776	chr9 130714406	-	T	1	chr9:130713880-130714455
## 777	chr9 130714407	+	G	209	chr9:130713880-130714455
## 778	chr9 130714407	-	G	41	chr9:130713880-130714455
## 779	chr9 130714408	+	A	209	chr9:130713880-130714455
## 780	chr9 130714408	-	A	41	chr9:130713880-130714455
## 781	chr9 130714409	+	A	209	chr9:130713880-130714455
## 782	chr9 130714409	-	A	41	chr9:130713880-130714455
## 783	chr9 130714410	+	C	1	chr9:130713880-130714455
## 784	chr9 130714410	+	T	208	chr9:130713880-130714455
## 785	chr9 130714410	-	T	41	chr9:130713880-130714455
## 786	chr9 130714411	+	C	209	chr9:130713880-130714455
## 787	chr9 130714411	-	C	40	chr9:130713880-130714455
## 788	chr9 130714411	+	T	1	chr9:130713880-130714455
## 789	chr9 130714412	+	A	209	chr9:130713880-130714455

## 790	chr9 130714412	-	A	40	chr9:130713880-130714455
## 791	chr9 130714413	+	A	1	chr9:130713880-130714455
## 792	chr9 130714413	+	T	207	chr9:130713880-130714455
## 793	chr9 130714413	-	T	41	chr9:130713880-130714455
## 794	chr9 130714414	+	C	208	chr9:130713880-130714455
## 795	chr9 130714414	-	C	41	chr9:130713880-130714455
## 796	chr9 130714415	+	G	209	chr9:130713880-130714455
## 797	chr9 130714415	-	G	41	chr9:130713880-130714455
## 798	chr9 130714416	+	A	209	chr9:130713880-130714455
## 799	chr9 130714416	-	A	41	chr9:130713880-130714455
## 800	chr9 130714417	+	G	209	chr9:130713880-130714455
## 801	chr9 130714417	-	G	41	chr9:130713880-130714455
## 802	chr9 130714418	+	G	209	chr9:130713880-130714455
## 803	chr9 130714418	-	G	41	chr9:130713880-130714455
## 804	chr9 130714419	+	C	210	chr9:130713880-130714455
## 805	chr9 130714419	-	C	40	chr9:130713880-130714455
## 806	chr9 130714420	+	A	210	chr9:130713880-130714455
## 807	chr9 130714420	-	A	40	chr9:130713880-130714455
## 808	chr9 130714421	+	T	209	chr9:130713880-130714455
## 809	chr9 130714421	-	T	40	chr9:130713880-130714455
## 810	chr9 130714422	+	G	209	chr9:130713880-130714455
## 811	chr9 130714422	-	G	40	chr9:130713880-130714455
## 812	chr9 130714423	+	A	1	chr9:130713880-130714455
## 813	chr9 130714423	+	G	208	chr9:130713880-130714455
## 814	chr9 130714423	-	G	40	chr9:130713880-130714455
## 815	chr9 130714423	+	T	1	chr9:130713880-130714455
## 816	chr9 130714424	+	G	210	chr9:130713880-130714455
## 817	chr9 130714424	-	G	40	chr9:130713880-130714455
## 818	chr9 130714425	+	G	209	chr9:130713880-130714455
## 819	chr9 130714425	-	G	40	chr9:130713880-130714455
## 820	chr9 130714426	+	G	210	chr9:130713880-130714455
## 821	chr9 130714426	-	G	38	chr9:130713880-130714455
## 822	chr9 130714426	+	T	1	chr9:130713880-130714455
## 823	chr9 130714427	-	G	1	chr9:130713880-130714455
## 824	chr9 130714427	+	T	207	chr9:130713880-130714455
## 825	chr9 130714427	-	T	36	chr9:130713880-130714455
## 826	chr9 130714428	+	A	1	chr9:130713880-130714455
## 827	chr9 130714428	+	C	204	chr9:130713880-130714455
## 828	chr9 130714428	-	C	42	chr9:130713880-130714455
## 829	chr9 130714429	+	C	202	chr9:130713880-130714455
## 830	chr9 130714429	-	C	45	chr9:130713880-130714455
## 831	chr9 130714430	+	A	205	chr9:130713880-130714455
## 832	chr9 130714430	-	A	45	chr9:130713880-130714455
## 833	chr9 130714431	+	C	204	chr9:130713880-130714455
## 834	chr9 130714431	-	C	45	chr9:130713880-130714455
## 835	chr9 130714432	+	A	202	chr9:130713880-130714455
## 836	chr9 130714432	-	A	46	chr9:130713880-130714455
## 837	chr9 130714433	+	C	200	chr9:130713880-130714455
## 838	chr9 130714433	-	C	45	chr9:130713880-130714455
## 839	chr9 130714434	+	T	202	chr9:130713880-130714455
## 840	chr9 130714434	-	T	45	chr9:130713880-130714455
## 841	chr9 130714435	+	G	205	chr9:130713880-130714455
## 842	chr9 130714435	-	G	45	chr9:130713880-130714455
## 843	chr9 130714436	+	C	205	chr9:130713880-130714455

## 844	chr9 130714436	-	C	43	chr9:130713880-130714455
## 845	chr9 130714437	+	A	208	chr9:130713880-130714455
## 846	chr9 130714437	-	A	41	chr9:130713880-130714455
## 847	chr9 130714438	+	A	207	chr9:130713880-130714455
## 848	chr9 130714438	-	A	41	chr9:130713880-130714455
## 849	chr9 130714438	+	T	1	chr9:130713880-130714455
## 850	chr9 130714439	+	T	208	chr9:130713880-130714455
## 851	chr9 130714439	-	T	41	chr9:130713880-130714455
## 852	chr9 130714440	+	G	207	chr9:130713880-130714455
## 853	chr9 130714440	-	G	43	chr9:130713880-130714455
## 854	chr9 130714441	+	T	207	chr9:130713880-130714455
## 855	chr9 130714441	-	T	43	chr9:130713880-130714455
## 856	chr9 130714442	+	T	206	chr9:130713880-130714455
## 857	chr9 130714442	-	T	43	chr9:130713880-130714455
## 858	chr9 130714443	+	T	207	chr9:130713880-130714455
## 859	chr9 130714443	-	T	41	chr9:130713880-130714455
## 860	chr9 130714444	+	T	205	chr9:130713880-130714455
## 861	chr9 130714444	-	T	41	chr9:130713880-130714455
## 862	chr9 130714445	+	T	207	chr9:130713880-130714455
## 863	chr9 130714445	-	T	41	chr9:130713880-130714455
## 864	chr9 130714446	+	G	207	chr9:130713880-130714455
## 865	chr9 130714446	-	G	37	chr9:130713880-130714455
## 866	chr9 130714447	+	T	212	chr9:130713880-130714455
## 867	chr9 130714447	-	T	37	chr9:130713880-130714455
## 868	chr9 130714448	+	G	207	chr9:130713880-130714455
## 869	chr9 130714448	-	G	37	chr9:130713880-130714455
## 870	chr9 130714449	+	G	204	chr9:130713880-130714455
## 871	chr9 130714449	-	G	41	chr9:130713880-130714455
## 872	chr9 130714450	+	A	205	chr9:130713880-130714455
## 873	chr9 130714450	-	A	41	chr9:130713880-130714455
## 874	chr9 130714451	+	A	199	chr9:130713880-130714455
## 875	chr9 130714451	-	A	43	chr9:130713880-130714455
## 876	chr9 130714451	+	G	1	chr9:130713880-130714455
## 877	chr9 130714451	+	T	1	chr9:130713880-130714455
## 878	chr9 130714452	+	C	201	chr9:130713880-130714455
## 879	chr9 130714452	-	C	46	chr9:130713880-130714455
## 880	chr9 130714452	+	T	1	chr9:130713880-130714455
## 881	chr9 130714453	+	A	203	chr9:130713880-130714455
## 882	chr9 130714453	-	A	40	chr9:130713880-130714455
## 883	chr9 130714453	+	C	1	chr9:130713880-130714455
## 884	chr9 130714454	+	T	206	chr9:130713880-130714455
## 885	chr9 130714454	-	T	35	chr9:130713880-130714455
## 886	chr9 130714455	+	G	204	chr9:130713880-130714455
## 887	chr9 130714455	-	G	44	chr9:130713880-130714455
## 888	chr9 130714455	+	T	1	chr9:130713880-130714455
## 889	chr9 130835254	+	G	1	chr9:130835253-130835525
## 890	chr9 130835255	+	T	1	chr9:130835253-130835525
## 891	chr9 130835256	+	T	1	chr9:130835253-130835525
## 892	chr9 130835257	+	A	1	chr9:130835253-130835525
## 893	chr9 130835258	+	A	1	chr9:130835253-130835525
## 894	chr9 130835259	+	C	1	chr9:130835253-130835525
## 895	chr9 130835260	+	A	1	chr9:130835253-130835525
## 896	chr9 130835261	+	G	1	chr9:130835253-130835525
## 897	chr9 130835262	+	G	1	chr9:130835253-130835525

## 898	chr9 130835263	+	C	1 chr9:130835253-130835525
## 899	chr9 130835264	+	G	1 chr9:130835253-130835525
## 900	chr9 130835265	+	C	1 chr9:130835253-130835525
## 901	chr9 130835266	+	G	1 chr9:130835253-130835525
## 902	chr9 130835267	+	T	1 chr9:130835253-130835525
## 903	chr9 130835268	+	C	1 chr9:130835253-130835525
## 904	chr9 130835269	+	C	1 chr9:130835253-130835525
## 905	chr9 130835270	+	C	1 chr9:130835253-130835525
## 906	chr9 130835271	+	G	1 chr9:130835253-130835525
## 907	chr9 130835272	+	G	1 chr9:130835253-130835525
## 908	chr9 130835273	+	C	1 chr9:130835253-130835525
## 909	chr9 130835274	+	C	1 chr9:130835253-130835525
## 910	chr9 130835275	+	A	1 chr9:130835253-130835525
## 911	chr9 130835275	-	A	1 chr9:130835253-130835525
## 912	chr9 130835276	+	G	1 chr9:130835253-130835525
## 913	chr9 130835276	-	G	1 chr9:130835253-130835525
## 914	chr9 130835277	+	G	1 chr9:130835253-130835525
## 915	chr9 130835277	-	G	1 chr9:130835253-130835525
## 916	chr9 130835278	+	C	1 chr9:130835253-130835525
## 917	chr9 130835278	-	C	1 chr9:130835253-130835525
## 918	chr9 130835279	+	G	1 chr9:130835253-130835525
## 919	chr9 130835279	-	G	1 chr9:130835253-130835525
## 920	chr9 130835280	+	G	1 chr9:130835253-130835525
## 921	chr9 130835280	-	G	1 chr9:130835253-130835525
## 922	chr9 130835281	+	A	1 chr9:130835253-130835525
## 923	chr9 130835281	-	A	1 chr9:130835253-130835525
## 924	chr9 130835282	+	G	1 chr9:130835253-130835525
## 925	chr9 130835282	-	G	1 chr9:130835253-130835525
## 926	chr9 130835283	+	A	1 chr9:130835253-130835525
## 927	chr9 130835283	-	A	1 chr9:130835253-130835525
## 928	chr9 130835284	+	C	1 chr9:130835253-130835525
## 929	chr9 130835284	-	C	1 chr9:130835253-130835525
## 930	chr9 130835285	+	G	1 chr9:130835253-130835525
## 931	chr9 130835285	-	G	1 chr9:130835253-130835525
## 932	chr9 130835286	+	C	1 chr9:130835253-130835525
## 933	chr9 130835286	-	C	1 chr9:130835253-130835525
## 934	chr9 130835287	+	G	1 chr9:130835253-130835525
## 935	chr9 130835287	-	G	1 chr9:130835253-130835525
## 936	chr9 130835288	+	G	1 chr9:130835253-130835525
## 937	chr9 130835288	-	G	1 chr9:130835253-130835525
## 938	chr9 130835289	+	C	1 chr9:130835253-130835525
## 939	chr9 130835289	-	C	1 chr9:130835253-130835525
## 940	chr9 130835290	+	C	1 chr9:130835253-130835525
## 941	chr9 130835290	-	C	1 chr9:130835253-130835525
## 942	chr9 130835291	+	G	1 chr9:130835253-130835525
## 943	chr9 130835291	-	G	1 chr9:130835253-130835525
## 944	chr9 130835292	+	C	1 chr9:130835253-130835525
## 945	chr9 130835292	-	C	1 chr9:130835253-130835525
## 946	chr9 130835293	+	G	1 chr9:130835253-130835525
## 947	chr9 130835293	-	G	1 chr9:130835253-130835525
## 948	chr9 130835294	+	G	1 chr9:130835253-130835525
## 949	chr9 130835294	-	G	1 chr9:130835253-130835525
## 950	chr9 130835295	+	C	1 chr9:130835253-130835525
## 951	chr9 130835295	-	C	1 chr9:130835253-130835525

## 952	chr9 130835296	+	C	1	chr9:130835253-130835525
## 953	chr9 130835296	-	C	1	chr9:130835253-130835525
## 954	chr9 130835297	+	A	1	chr9:130835253-130835525
## 955	chr9 130835297	-	A	1	chr9:130835253-130835525
## 956	chr9 130835298	+	T	1	chr9:130835253-130835525
## 957	chr9 130835298	-	T	1	chr9:130835253-130835525
## 958	chr9 130835299	+	G	1	chr9:130835253-130835525
## 959	chr9 130835299	-	G	1	chr9:130835253-130835525
## 960	chr9 130835300	+	G	1	chr9:130835253-130835525
## 961	chr9 130835300	-	G	1	chr9:130835253-130835525
## 962	chr9 130835301	+	G	1	chr9:130835253-130835525
## 963	chr9 130835301	-	G	1	chr9:130835253-130835525
## 964	chr9 130835302	+	C	1	chr9:130835253-130835525
## 965	chr9 130835302	-	C	1	chr9:130835253-130835525
## 966	chr9 130835303	+	G	1	chr9:130835253-130835525
## 967	chr9 130835303	-	G	1	chr9:130835253-130835525
## 968	chr9 130835304	+	G	1	chr9:130835253-130835525
## 969	chr9 130835304	-	G	1	chr9:130835253-130835525
## 970	chr9 130835305	+	G	1	chr9:130835253-130835525
## 971	chr9 130835305	-	G	1	chr9:130835253-130835525
## 972	chr9 130835306	+	C	1	chr9:130835253-130835525
## 973	chr9 130835306	-	C	1	chr9:130835253-130835525
## 974	chr9 130835307	+	G	1	chr9:130835253-130835525
## 975	chr9 130835307	-	G	1	chr9:130835253-130835525
## 976	chr9 130835308	+	C	1	chr9:130835253-130835525
## 977	chr9 130835308	-	C	1	chr9:130835253-130835525
## 978	chr9 130835309	+	G	1	chr9:130835253-130835525
## 979	chr9 130835309	-	G	1	chr9:130835253-130835525
## 980	chr9 130835310	+	G	1	chr9:130835253-130835525
## 981	chr9 130835310	-	G	1	chr9:130835253-130835525
## 982	chr9 130835311	+	G	1	chr9:130835253-130835525
## 983	chr9 130835311	-	G	1	chr9:130835253-130835525
## 984	chr9 130835312	+	C	1	chr9:130835253-130835525
## 985	chr9 130835312	-	C	1	chr9:130835253-130835525
## 986	chr9 130835313	+	G	2	chr9:130835253-130835525
## 987	chr9 130835313	-	G	1	chr9:130835253-130835525
## 988	chr9 130835314	+	C	2	chr9:130835253-130835525
## 989	chr9 130835314	-	C	1	chr9:130835253-130835525
## 990	chr9 130835315	+	G	2	chr9:130835253-130835525
## 991	chr9 130835315	-	G	1	chr9:130835253-130835525
## 992	chr9 130835316	+	C	2	chr9:130835253-130835525
## 993	chr9 130835316	-	C	1	chr9:130835253-130835525
## 994	chr9 130835317	+	G	2	chr9:130835253-130835525
## 995	chr9 130835317	-	G	1	chr9:130835253-130835525
## 996	chr9 130835318	+	G	2	chr9:130835253-130835525
## 997	chr9 130835318	-	G	1	chr9:130835253-130835525
## 998	chr9 130835319	+	G	4	chr9:130835253-130835525
## 999	chr9 130835319	-	G	1	chr9:130835253-130835525
## 1000	chr9 130835320	+	G	6	chr9:130835253-130835525
## 1001	chr9 130835320	-	G	1	chr9:130835253-130835525
## 1002	chr9 130835321	+	C	7	chr9:130835253-130835525
## 1003	chr9 130835321	-	C	1	chr9:130835253-130835525
## 1004	chr9 130835322	+	G	10	chr9:130835253-130835525
## 1005	chr9 130835322	-	G	1	chr9:130835253-130835525

## 1006	chr9 130835323	+	G	10	chr9:130835253-130835525
## 1007	chr9 130835323	-	G	1	chr9:130835253-130835525
## 1008	chr9 130835324	+	C	11	chr9:130835253-130835525
## 1009	chr9 130835324	-	C	1	chr9:130835253-130835525
## 1010	chr9 130835325	+	G	18	chr9:130835253-130835525
## 1011	chr9 130835325	-	G	1	chr9:130835253-130835525
## 1012	chr9 130835326	+	G	21	chr9:130835253-130835525
## 1013	chr9 130835326	-	G	1	chr9:130835253-130835525
## 1014	chr9 130835327	+	T	23	chr9:130835253-130835525
## 1015	chr9 130835327	-	T	1	chr9:130835253-130835525
## 1016	chr9 130835328	+	G	24	chr9:130835253-130835525
## 1017	chr9 130835328	-	G	1	chr9:130835253-130835525
## 1018	chr9 130835329	+	A	28	chr9:130835253-130835525
## 1019	chr9 130835329	-	A	1	chr9:130835253-130835525
## 1020	chr9 130835330	+	G	28	chr9:130835253-130835525
## 1021	chr9 130835330	-	G	1	chr9:130835253-130835525
## 1022	chr9 130835331	+	G	28	chr9:130835253-130835525
## 1023	chr9 130835331	-	G	1	chr9:130835253-130835525
## 1024	chr9 130835332	+	G	28	chr9:130835253-130835525
## 1025	chr9 130835332	-	G	1	chr9:130835253-130835525
## 1026	chr9 130835333	+	C	28	chr9:130835253-130835525
## 1027	chr9 130835333	-	C	1	chr9:130835253-130835525
## 1028	chr9 130835334	+	G	34	chr9:130835253-130835525
## 1029	chr9 130835334	-	G	1	chr9:130835253-130835525
## 1030	chr9 130835335	+	C	8	chr9:130835253-130835525
## 1031	chr9 130835335	+	G	28	chr9:130835253-130835525
## 1032	chr9 130835335	-	G	1	chr9:130835253-130835525
## 1033	chr9 130835336	+	C	75	chr9:130835253-130835525
## 1034	chr9 130835336	-	C	1	chr9:130835253-130835525
## 1035	chr9 130835337	+	T	85	chr9:130835253-130835525
## 1036	chr9 130835337	-	T	1	chr9:130835253-130835525
## 1037	chr9 130835338	+	G	87	chr9:130835253-130835525
## 1038	chr9 130835338	-	G	1	chr9:130835253-130835525
## 1039	chr9 130835339	+	G	96	chr9:130835253-130835525
## 1040	chr9 130835339	-	G	1	chr9:130835253-130835525
## 1041	chr9 130835340	+	C	100	chr9:130835253-130835525
## 1042	chr9 130835340	-	C	1	chr9:130835253-130835525
## 1043	chr9 130835341	+	G	110	chr9:130835253-130835525
## 1044	chr9 130835341	-	G	1	chr9:130835253-130835525
## 1045	chr9 130835342	+	G	123	chr9:130835253-130835525
## 1046	chr9 130835342	-	G	1	chr9:130835253-130835525
## 1047	chr9 130835343	+	G	150	chr9:130835253-130835525
## 1048	chr9 130835343	-	G	1	chr9:130835253-130835525
## 1049	chr9 130835344	+	A	1	chr9:130835253-130835525
## 1050	chr9 130835344	+	G	160	chr9:130835253-130835525
## 1051	chr9 130835344	-	G	2	chr9:130835253-130835525
## 1052	chr9 130835345	+	C	172	chr9:130835253-130835525
## 1053	chr9 130835345	-	C	2	chr9:130835253-130835525
## 1054	chr9 130835346	+	C	178	chr9:130835253-130835525
## 1055	chr9 130835346	-	C	2	chr9:130835253-130835525
## 1056	chr9 130835346	+	T	3	chr9:130835253-130835525
## 1057	chr9 130835347	+	G	194	chr9:130835253-130835525
## 1058	chr9 130835347	-	G	2	chr9:130835253-130835525
## 1059	chr9 130835348	+	G	204	chr9:130835253-130835525

## 1060	chr9 130835348	-	G	2	chr9:130835253-130835525
## 1061	chr9 130835349	+	G	226	chr9:130835253-130835525
## 1062	chr9 130835349	-	G	1	chr9:130835253-130835525
## 1063	chr9 130835350	+	G	241	chr9:130835253-130835525
## 1064	chr9 130835350	-	G	1	chr9:130835253-130835525
## 1065	chr9 130835351	+	G	250	chr9:130835253-130835525
## 1066	chr9 130835351	-	G	1	chr9:130835253-130835525
## 1067	chr9 130835352	+	C	250	chr9:130835253-130835525
## 1068	chr9 130835352	-	C	1	chr9:130835253-130835525
## 1069	chr9 130835352	+	G	1	chr9:130835253-130835525
## 1070	chr9 130835353	+	C	2	chr9:130835253-130835525
## 1071	chr9 130835353	+	G	249	chr9:130835253-130835525
## 1072	chr9 130835353	-	G	1	chr9:130835253-130835525
## 1073	chr9 130835354	+	C	252	chr9:130835253-130835525
## 1074	chr9 130835354	-	C	1	chr9:130835253-130835525
## 1075	chr9 130835355	+	C	253	chr9:130835253-130835525
## 1076	chr9 130835355	-	C	1	chr9:130835253-130835525
## 1077	chr9 130835356	+	C	1	chr9:130835253-130835525
## 1078	chr9 130835356	+	G	253	chr9:130835253-130835525
## 1079	chr9 130835356	-	G	1	chr9:130835253-130835525
## 1080	chr9 130835357	+	G	255	chr9:130835253-130835525
## 1081	chr9 130835357	-	G	1	chr9:130835253-130835525
## 1082	chr9 130835358	+	G	256	chr9:130835253-130835525
## 1083	chr9 130835358	-	G	1	chr9:130835253-130835525
## 1084	chr9 130835359	+	G	257	chr9:130835253-130835525
## 1085	chr9 130835359	-	G	1	chr9:130835253-130835525
## 1086	chr9 130835360	+	G	258	chr9:130835253-130835525
## 1087	chr9 130835360	-	G	1	chr9:130835253-130835525
## 1088	chr9 130835361	+	G	259	chr9:130835253-130835525
## 1089	chr9 130835361	-	G	1	chr9:130835253-130835525
## 1090	chr9 130835362	+	G	260	chr9:130835253-130835525
## 1091	chr9 130835362	-	G	1	chr9:130835253-130835525
## 1092	chr9 130835363	+	C	261	chr9:130835253-130835525
## 1093	chr9 130835363	-	C	1	chr9:130835253-130835525
## 1094	chr9 130835364	+	G	262	chr9:130835253-130835525
## 1095	chr9 130835364	-	G	1	chr9:130835253-130835525
## 1096	chr9 130835365	+	A	1	chr9:130835253-130835525
## 1097	chr9 130835365	+	C	262	chr9:130835253-130835525
## 1098	chr9 130835365	-	C	1	chr9:130835253-130835525
## 1099	chr9 130835366	+	G	263	chr9:130835253-130835525
## 1100	chr9 130835366	-	G	1	chr9:130835253-130835525
## 1101	chr9 130835367	+	C	264	chr9:130835253-130835525
## 1102	chr9 130835367	-	C	1	chr9:130835253-130835525
## 1103	chr9 130835368	+	G	265	chr9:130835253-130835525
## 1104	chr9 130835368	-	G	1	chr9:130835253-130835525
## 1105	chr9 130835369	+	G	266	chr9:130835253-130835525
## 1106	chr9 130835369	-	G	1	chr9:130835253-130835525
## 1107	chr9 130835370	+	G	267	chr9:130835253-130835525
## 1108	chr9 130835370	-	G	1	chr9:130835253-130835525
## 1109	chr9 130835371	+	C	268	chr9:130835253-130835525
## 1110	chr9 130835371	-	C	1	chr9:130835253-130835525
## 1111	chr9 130835372	+	C	269	chr9:130835253-130835525
## 1112	chr9 130835372	-	C	1	chr9:130835253-130835525
## 1113	chr9 130835373	+	G	270	chr9:130835253-130835525

## 1114	chr9 130835373	-	G	1	chr9:130835253-130835525
## 1115	chr9 130835374	+	A	270	chr9:130835253-130835525
## 1116	chr9 130835374	-	A	1	chr9:130835253-130835525
## 1117	chr9 130835374	+	C	1	chr9:130835253-130835525
## 1118	chr9 130835375	+	G	272	chr9:130835253-130835525
## 1119	chr9 130835375	-	G	1	chr9:130835253-130835525
## 1120	chr9 130835376	+	C	273	chr9:130835253-130835525
## 1121	chr9 130835376	-	C	1	chr9:130835253-130835525
## 1122	chr9 130835377	+	C	274	chr9:130835253-130835525
## 1123	chr9 130835377	-	C	1	chr9:130835253-130835525
## 1124	chr9 130835378	+	G	275	chr9:130835253-130835525
## 1125	chr9 130835378	-	G	1	chr9:130835253-130835525
## 1126	chr9 130835379	+	G	276	chr9:130835253-130835525
## 1127	chr9 130835379	-	G	1	chr9:130835253-130835525
## 1128	chr9 130835380	+	G	275	chr9:130835253-130835525
## 1129	chr9 130835380	-	G	1	chr9:130835253-130835525
## 1130	chr9 130835381	+	C	274	chr9:130835253-130835525
## 1131	chr9 130835381	-	C	1	chr9:130835253-130835525
## 1132	chr9 130835382	+	C	275	chr9:130835253-130835525
## 1133	chr9 130835382	-	C	1	chr9:130835253-130835525
## 1134	chr9 130835383	+	T	276	chr9:130835253-130835525
## 1135	chr9 130835383	-	T	1	chr9:130835253-130835525
## 1136	chr9 130835384	+	G	276	chr9:130835253-130835525
## 1137	chr9 130835384	-	G	1	chr9:130835253-130835525
## 1138	chr9 130835384	+	T	1	chr9:130835253-130835525
## 1139	chr9 130835385	+	A	276	chr9:130835253-130835525
## 1140	chr9 130835385	-	A	1	chr9:130835253-130835525
## 1141	chr9 130835385	+	C	1	chr9:130835253-130835525
## 1142	chr9 130835386	+	G	278	chr9:130835253-130835525
## 1143	chr9 130835386	-	G	1	chr9:130835253-130835525
## 1144	chr9 130835387	+	C	277	chr9:130835253-130835525
## 1145	chr9 130835387	-	C	1	chr9:130835253-130835525
## 1146	chr9 130835388	+	C	277	chr9:130835253-130835525
## 1147	chr9 130835388	-	C	1	chr9:130835253-130835525
## 1148	chr9 130835389	+	G	276	chr9:130835253-130835525
## 1149	chr9 130835389	-	G	1	chr9:130835253-130835525
## 1150	chr9 130835390	+	G	277	chr9:130835253-130835525
## 1151	chr9 130835390	-	G	1	chr9:130835253-130835525
## 1152	chr9 130835391	+	G	278	chr9:130835253-130835525
## 1153	chr9 130835391	-	G	1	chr9:130835253-130835525
## 1154	chr9 130835392	+	C	277	chr9:130835253-130835525
## 1155	chr9 130835392	-	C	1	chr9:130835253-130835525
## 1156	chr9 130835393	+	C	277	chr9:130835253-130835525
## 1157	chr9 130835393	-	C	1	chr9:130835253-130835525
## 1158	chr9 130835394	+	C	277	chr9:130835253-130835525
## 1159	chr9 130835394	-	C	1	chr9:130835253-130835525
## 1160	chr9 130835395	+	G	277	chr9:130835253-130835525
## 1161	chr9 130835395	-	G	1	chr9:130835253-130835525
## 1162	chr9 130835396	+	C	276	chr9:130835253-130835525
## 1163	chr9 130835396	-	C	1	chr9:130835253-130835525
## 1164	chr9 130835397	+	G	277	chr9:130835253-130835525
## 1165	chr9 130835397	-	G	1	chr9:130835253-130835525
## 1166	chr9 130835398	+	G	275	chr9:130835253-130835525
## 1167	chr9 130835398	-	G	1	chr9:130835253-130835525

## 1168	chr9 130835399	+	A	270	chr9:130835253-130835525
## 1169	chr9 130835399	-	A	1	chr9:130835253-130835525
## 1170	chr9 130835399	+	C	2	chr9:130835253-130835525
## 1171	chr9 130835400	+	C	272	chr9:130835253-130835525
## 1172	chr9 130835400	-	C	1	chr9:130835253-130835525
## 1173	chr9 130835401	+	C	271	chr9:130835253-130835525
## 1174	chr9 130835401	-	C	1	chr9:130835253-130835525
## 1175	chr9 130835402	+	A	1	chr9:130835253-130835525
## 1176	chr9 130835402	+	G	265	chr9:130835253-130835525
## 1177	chr9 130835402	-	G	1	chr9:130835253-130835525
## 1178	chr9 130835403	+	A	257	chr9:130835253-130835525
## 1179	chr9 130835403	-	A	1	chr9:130835253-130835525
## 1180	chr9 130835403	+	C	2	chr9:130835253-130835525
## 1181	chr9 130835404	+	G	253	chr9:130835253-130835525
## 1182	chr9 130835404	-	G	1	chr9:130835253-130835525
## 1183	chr9 130835405	+	C	252	chr9:130835253-130835525
## 1184	chr9 130835405	-	C	1	chr9:130835253-130835525
## 1185	chr9 130835406	+	T	245	chr9:130835253-130835525
## 1186	chr9 130835406	-	T	1	chr9:130835253-130835525
## 1187	chr9 130835407	+	G	246	chr9:130835253-130835525
## 1188	chr9 130835407	-	G	1	chr9:130835253-130835525
## 1189	chr9 130835408	+	G	244	chr9:130835253-130835525
## 1190	chr9 130835408	-	G	1	chr9:130835253-130835525
## 1191	chr9 130835409	+	G	247	chr9:130835253-130835525
## 1192	chr9 130835409	-	G	1	chr9:130835253-130835525
## 1193	chr9 130835410	+	A	241	chr9:130835253-130835525
## 1194	chr9 130835410	-	A	1	chr9:130835253-130835525
## 1195	chr9 130835411	+	G	243	chr9:130835253-130835525
## 1196	chr9 130835411	-	G	1	chr9:130835253-130835525
## 1197	chr9 130835412	+	A	239	chr9:130835253-130835525
## 1198	chr9 130835412	-	A	1	chr9:130835253-130835525
## 1199	chr9 130835412	+	C	4	chr9:130835253-130835525
## 1200	chr9 130835413	+	G	246	chr9:130835253-130835525
## 1201	chr9 130835413	-	G	1	chr9:130835253-130835525
## 1202	chr9 130835413	+	T	1	chr9:130835253-130835525
## 1203	chr9 130835414	+	G	246	chr9:130835253-130835525
## 1204	chr9 130835414	-	G	1	chr9:130835253-130835525
## 1205	chr9 130835415	+	G	239	chr9:130835253-130835525
## 1206	chr9 130835415	-	G	1	chr9:130835253-130835525
## 1207	chr9 130835416	+	G	236	chr9:130835253-130835525
## 1208	chr9 130835416	-	G	1	chr9:130835253-130835525
## 1209	chr9 130835417	+	C	223	chr9:130835253-130835525
## 1210	chr9 130835417	-	C	3	chr9:130835253-130835525
## 1211	chr9 130835418	+	T	236	chr9:130835253-130835525
## 1212	chr9 130835418	-	T	2	chr9:130835253-130835525
## 1213	chr9 130835419	+	C	237	chr9:130835253-130835525
## 1214	chr9 130835419	-	C	4	chr9:130835253-130835525
## 1215	chr9 130835420	+	A	1	chr9:130835253-130835525
## 1216	chr9 130835420	+	C	238	chr9:130835253-130835525
## 1217	chr9 130835420	-	C	4	chr9:130835253-130835525
## 1218	chr9 130835421	+	G	233	chr9:130835253-130835525
## 1219	chr9 130835421	-	G	4	chr9:130835253-130835525
## 1220	chr9 130835422	+	G	238	chr9:130835253-130835525
## 1221	chr9 130835422	-	G	4	chr9:130835253-130835525

## 1222	chr9 130835423	+	C	226	chr9:130835253-130835525
## 1223	chr9 130835423	-	C	4	chr9:130835253-130835525
## 1224	chr9 130835424	+	C	232	chr9:130835253-130835525
## 1225	chr9 130835424	-	C	4	chr9:130835253-130835525
## 1226	chr9 130835425	+	C	236	chr9:130835253-130835525
## 1227	chr9 130835425	-	C	4	chr9:130835253-130835525
## 1228	chr9 130835425	+	T	1	chr9:130835253-130835525
## 1229	chr9 130835426	+	C	246	chr9:130835253-130835525
## 1230	chr9 130835426	-	C	5	chr9:130835253-130835525
## 1231	chr9 130835427	+	C	246	chr9:130835253-130835525
## 1232	chr9 130835427	-	C	5	chr9:130835253-130835525
## 1233	chr9 130835428	+	G	246	chr9:130835253-130835525
## 1234	chr9 130835428	-	G	5	chr9:130835253-130835525
## 1235	chr9 130835429	+	A	244	chr9:130835253-130835525
## 1236	chr9 130835429	-	A	5	chr9:130835253-130835525
## 1237	chr9 130835429	+	C	1	chr9:130835253-130835525
## 1238	chr9 130835430	+	C	246	chr9:130835253-130835525
## 1239	chr9 130835430	-	C	5	chr9:130835253-130835525
## 1240	chr9 130835431	+	G	245	chr9:130835253-130835525
## 1241	chr9 130835431	-	G	5	chr9:130835253-130835525
## 1242	chr9 130835431	+	T	1	chr9:130835253-130835525
## 1243	chr9 130835432	+	C	2	chr9:130835253-130835525
## 1244	chr9 130835432	+	T	245	chr9:130835253-130835525
## 1245	chr9 130835432	-	T	5	chr9:130835253-130835525
## 1246	chr9 130835433	+	C	3	chr9:130835253-130835525
## 1247	chr9 130835433	+	G	244	chr9:130835253-130835525
## 1248	chr9 130835433	-	G	5	chr9:130835253-130835525
## 1249	chr9 130835434	+	C	245	chr9:130835253-130835525
## 1250	chr9 130835434	-	C	5	chr9:130835253-130835525
## 1251	chr9 130835434	+	G	2	chr9:130835253-130835525
## 1252	chr9 130835435	+	C	1	chr9:130835253-130835525
## 1253	chr9 130835435	+	T	246	chr9:130835253-130835525
## 1254	chr9 130835435	-	T	5	chr9:130835253-130835525
## 1255	chr9 130835436	+	G	246	chr9:130835253-130835525
## 1256	chr9 130835436	-	G	5	chr9:130835253-130835525
## 1257	chr9 130835437	+	G	246	chr9:130835253-130835525
## 1258	chr9 130835437	-	G	5	chr9:130835253-130835525
## 1259	chr9 130835438	+	C	246	chr9:130835253-130835525
## 1260	chr9 130835438	-	C	5	chr9:130835253-130835525
## 1261	chr9 130835439	+	G	246	chr9:130835253-130835525
## 1262	chr9 130835439	-	G	5	chr9:130835253-130835525
## 1263	chr9 130835440	+	C	246	chr9:130835253-130835525
## 1264	chr9 130835440	-	C	5	chr9:130835253-130835525
## 1265	chr9 130835441	+	G	246	chr9:130835253-130835525
## 1266	chr9 130835441	-	G	5	chr9:130835253-130835525
## 1267	chr9 130835442	+	G	245	chr9:130835253-130835525
## 1268	chr9 130835442	-	G	5	chr9:130835253-130835525
## 1269	chr9 130835442	+	T	1	chr9:130835253-130835525
## 1270	chr9 130835443	+	G	246	chr9:130835253-130835525
## 1271	chr9 130835443	-	G	5	chr9:130835253-130835525
## 1272	chr9 130835444	+	A	246	chr9:130835253-130835525
## 1273	chr9 130835444	-	A	5	chr9:130835253-130835525
## 1274	chr9 130835445	+	A	246	chr9:130835253-130835525
## 1275	chr9 130835445	-	A	5	chr9:130835253-130835525

## 1276	chr9 130835446	+	A	246	chr9:130835253-130835525
## 1277	chr9 130835446	-	A	5	chr9:130835253-130835525
## 1278	chr9 130835447	+	A	246	chr9:130835253-130835525
## 1279	chr9 130835447	-	A	5	chr9:130835253-130835525
## 1280	chr9 130835448	+	T	245	chr9:130835253-130835525
## 1281	chr9 130835448	-	T	5	chr9:130835253-130835525
## 1282	chr9 130835449	+	G	246	chr9:130835253-130835525
## 1283	chr9 130835449	-	G	5	chr9:130835253-130835525
## 1284	chr9 130835450	+	T	246	chr9:130835253-130835525
## 1285	chr9 130835450	-	T	5	chr9:130835253-130835525
## 1286	chr9 130835451	+	T	246	chr9:130835253-130835525
## 1287	chr9 130835451	-	T	5	chr9:130835253-130835525
## 1288	chr9 130835452	+	G	246	chr9:130835253-130835525
## 1289	chr9 130835452	-	G	5	chr9:130835253-130835525
## 1290	chr9 130835453	+	G	244	chr9:130835253-130835525
## 1291	chr9 130835453	-	G	5	chr9:130835253-130835525
## 1292	chr9 130835454	+	A	245	chr9:130835253-130835525
## 1293	chr9 130835454	-	A	5	chr9:130835253-130835525
## 1294	chr9 130835455	+	G	244	chr9:130835253-130835525
## 1295	chr9 130835455	-	G	5	chr9:130835253-130835525
## 1296	chr9 130835456	+	A	245	chr9:130835253-130835525
## 1297	chr9 130835456	-	A	5	chr9:130835253-130835525
## 1298	chr9 130835457	+	T	245	chr9:130835253-130835525
## 1299	chr9 130835457	-	T	5	chr9:130835253-130835525
## 1300	chr9 130835458	+	C	244	chr9:130835253-130835525
## 1301	chr9 130835458	-	C	5	chr9:130835253-130835525
## 1302	chr9 130835459	+	T	245	chr9:130835253-130835525
## 1303	chr9 130835459	-	T	5	chr9:130835253-130835525
## 1304	chr9 130835460	+	G	246	chr9:130835253-130835525
## 1305	chr9 130835460	-	G	5	chr9:130835253-130835525
## 1306	chr9 130835461	+	C	246	chr9:130835253-130835525
## 1307	chr9 130835461	-	C	5	chr9:130835253-130835525
## 1308	chr9 130835462	+	C	246	chr9:130835253-130835525
## 1309	chr9 130835462	-	C	5	chr9:130835253-130835525
## 1310	chr9 130835463	+	T	246	chr9:130835253-130835525
## 1311	chr9 130835463	-	T	5	chr9:130835253-130835525
## 1312	chr9 130835464	+	G	246	chr9:130835253-130835525
## 1313	chr9 130835464	-	G	5	chr9:130835253-130835525
## 1314	chr9 130835465	+	A	245	chr9:130835253-130835525
## 1315	chr9 130835465	-	A	5	chr9:130835253-130835525
## 1316	chr9 130835466	+	A	245	chr9:130835253-130835525
## 1317	chr9 130835466	-	A	5	chr9:130835253-130835525
## 1318	chr9 130835467	+	G	245	chr9:130835253-130835525
## 1319	chr9 130835467	-	G	5	chr9:130835253-130835525
## 1320	chr9 130835468	+	C	245	chr9:130835253-130835525
## 1321	chr9 130835468	-	C	5	chr9:130835253-130835525
## 1322	chr9 130835469	+	T	244	chr9:130835253-130835525
## 1323	chr9 130835469	-	T	5	chr9:130835253-130835525
## 1324	chr9 130835470	+	G	245	chr9:130835253-130835525
## 1325	chr9 130835470	-	G	5	chr9:130835253-130835525
## 1326	chr9 130835471	+	G	245	chr9:130835253-130835525
## 1327	chr9 130835471	-	G	5	chr9:130835253-130835525
## 1328	chr9 130835472	+	T	246	chr9:130835253-130835525
## 1329	chr9 130835472	-	T	5	chr9:130835253-130835525

## 1330	chr9 130835473	+	G	246	chr9:130835253-130835525
## 1331	chr9 130835473	-	G	5	chr9:130835253-130835525
## 1332	chr9 130835474	+	G	246	chr9:130835253-130835525
## 1333	chr9 130835474	-	G	5	chr9:130835253-130835525
## 1334	chr9 130835475	+	G	246	chr9:130835253-130835525
## 1335	chr9 130835475	-	G	5	chr9:130835253-130835525
## 1336	chr9 130835476	+	C	245	chr9:130835253-130835525
## 1337	chr9 130835476	-	C	5	chr9:130835253-130835525
## 1338	chr9 130835477	+	T	245	chr9:130835253-130835525
## 1339	chr9 130835477	-	T	5	chr9:130835253-130835525
## 1340	chr9 130835478	+	G	245	chr9:130835253-130835525
## 1341	chr9 130835478	-	G	5	chr9:130835253-130835525
## 1342	chr9 130835479	+	C	245	chr9:130835253-130835525
## 1343	chr9 130835479	-	C	5	chr9:130835253-130835525
## 1344	chr9 130835480	+	A	245	chr9:130835253-130835525
## 1345	chr9 130835480	-	A	5	chr9:130835253-130835525
## 1346	chr9 130835481	+	A	242	chr9:130835253-130835525
## 1347	chr9 130835481	-	A	5	chr9:130835253-130835525
## 1348	chr9 130835482	+	A	238	chr9:130835253-130835525
## 1349	chr9 130835482	-	A	9	chr9:130835253-130835525
## 1350	chr9 130835483	+	T	232	chr9:130835253-130835525
## 1351	chr9 130835483	-	T	13	chr9:130835253-130835525
## 1352	chr9 130835484	+	C	230	chr9:130835253-130835525
## 1353	chr9 130835484	-	C	18	chr9:130835253-130835525
## 1354	chr9 130835485	+	C	223	chr9:130835253-130835525
## 1355	chr9 130835485	-	C	20	chr9:130835253-130835525
## 1356	chr9 130835486	+	A	219	chr9:130835253-130835525
## 1357	chr9 130835486	-	A	24	chr9:130835253-130835525
## 1358	chr9 130835487	+	A	214	chr9:130835253-130835525
## 1359	chr9 130835487	-	A	31	chr9:130835253-130835525
## 1360	chr9 130835488	+	G	213	chr9:130835253-130835525
## 1361	chr9 130835488	-	G	35	chr9:130835253-130835525
## 1362	chr9 130835489	+	A	208	chr9:130835253-130835525
## 1363	chr9 130835489	-	A	38	chr9:130835253-130835525
## 1364	chr9 130835490	+	A	199	chr9:130835253-130835525
## 1365	chr9 130835490	-	A	42	chr9:130835253-130835525
## 1366	chr9 130835491	+	G	188	chr9:130835253-130835525
## 1367	chr9 130835491	-	G	48	chr9:130835253-130835525
## 1368	chr9 130835492	+	G	164	chr9:130835253-130835525
## 1369	chr9 130835492	-	G	50	chr9:130835253-130835525
## 1370	chr9 130835493	+	A	1	chr9:130835253-130835525
## 1371	chr9 130835493	+	G	152	chr9:130835253-130835525
## 1372	chr9 130835493	-	G	69	chr9:130835253-130835525
## 1373	chr9 130835494	+	G	141	chr9:130835253-130835525
## 1374	chr9 130835494	-	G	84	chr9:130835253-130835525
## 1375	chr9 130835495	+	A	1	chr9:130835253-130835525
## 1376	chr9 130835495	+	C	133	chr9:130835253-130835525
## 1377	chr9 130835495	-	C	101	chr9:130835253-130835525
## 1378	chr9 130835496	+	T	121	chr9:130835253-130835525
## 1379	chr9 130835496	-	T	103	chr9:130835253-130835525
## 1380	chr9 130835497	+	G	111	chr9:130835253-130835525
## 1381	chr9 130835497	-	G	123	chr9:130835253-130835525
## 1382	chr9 130835498	+	T	91	chr9:130835253-130835525
## 1383	chr9 130835498	-	T	135	chr9:130835253-130835525

## 1384	chr9 130835499	+	C	77	chr9:130835253-130835525
## 1385	chr9 130835499	-	C	160	chr9:130835253-130835525
## 1386	chr9 130835500	+	C	70	chr9:130835253-130835525
## 1387	chr9 130835500	-	C	173	chr9:130835253-130835525
## 1388	chr9 130835501	+	T	69	chr9:130835253-130835525
## 1389	chr9 130835501	-	T	181	chr9:130835253-130835525
## 1390	chr9 130835502	+	C	68	chr9:130835253-130835525
## 1391	chr9 130835502	-	C	182	chr9:130835253-130835525
## 1392	chr9 130835503	+	G	66	chr9:130835253-130835525
## 1393	chr9 130835503	-	G	183	chr9:130835253-130835525
## 1394	chr9 130835503	+	T	1	chr9:130835253-130835525
## 1395	chr9 130835504	+	T	66	chr9:130835253-130835525
## 1396	chr9 130835504	-	T	184	chr9:130835253-130835525
## 1397	chr9 130835505	-	-	1	chr9:130835253-130835525
## 1398	chr9 130835505	+	C	66	chr9:130835253-130835525
## 1399	chr9 130835505	-	C	184	chr9:130835253-130835525
## 1400	chr9 130835506	+	C	65	chr9:130835253-130835525
## 1401	chr9 130835506	-	C	186	chr9:130835253-130835525
## 1402	chr9 130835507	+	T	64	chr9:130835253-130835525
## 1403	chr9 130835507	-	T	187	chr9:130835253-130835525
## 1404	chr9 130835508	+	C	63	chr9:130835253-130835525
## 1405	chr9 130835508	-	C	188	chr9:130835253-130835525
## 1406	chr9 130835509	+	C	62	chr9:130835253-130835525
## 1407	chr9 130835509	-	C	189	chr9:130835253-130835525
## 1408	chr9 130835510	+	A	61	chr9:130835253-130835525
## 1409	chr9 130835510	-	A	189	chr9:130835253-130835525
## 1410	chr9 130835510	-	C	1	chr9:130835253-130835525
## 1411	chr9 130835511	+	G	60	chr9:130835253-130835525
## 1412	chr9 130835511	-	G	191	chr9:130835253-130835525
## 1413	chr9 130835512	+	C	59	chr9:130835253-130835525
## 1414	chr9 130835512	-	C	192	chr9:130835253-130835525
## 1415	chr9 130835513	+	T	58	chr9:130835253-130835525
## 1416	chr9 130835513	-	T	193	chr9:130835253-130835525
## 1417	chr9 130835514	+	G	57	chr9:130835253-130835525
## 1418	chr9 130835514	-	G	194	chr9:130835253-130835525
## 1419	chr9 130835515	+	T	57	chr9:130835253-130835525
## 1420	chr9 130835515	-	T	194	chr9:130835253-130835525
## 1421	chr9 130835516	+	T	56	chr9:130835253-130835525
## 1422	chr9 130835516	-	T	195	chr9:130835253-130835525
## 1423	chr9 130835517	+	A	55	chr9:130835253-130835525
## 1424	chr9 130835517	-	A	196	chr9:130835253-130835525
## 1425	chr9 130835518	+	T	54	chr9:130835253-130835525
## 1426	chr9 130835518	-	T	197	chr9:130835253-130835525
## 1427	chr9 130835519	+	C	53	chr9:130835253-130835525
## 1428	chr9 130835519	-	C	198	chr9:130835253-130835525
## 1429	chr9 130835520	-	C	1	chr9:130835253-130835525
## 1430	chr9 130835520	+	T	52	chr9:130835253-130835525
## 1431	chr9 130835520	-	T	198	chr9:130835253-130835525
## 1432	chr9 130835521	+	G	51	chr9:130835253-130835525
## 1433	chr9 130835521	-	G	200	chr9:130835253-130835525
## 1434	chr9 130835522	+	G	50	chr9:130835253-130835525
## 1435	chr9 130835522	-	G	201	chr9:130835253-130835525
## 1436	chr9 130835523	+	A	49	chr9:130835253-130835525
## 1437	chr9 130835523	-	A	202	chr9:130835253-130835525

## 1438	chr9 130835524	+	A	48	chr9:130835253-130835525
## 1439	chr9 130835524	-	A	203	chr9:130835253-130835525
## 1440	chr9 130835525	+	G	47	chr9:130835253-130835525
## 1441	chr9 130835525	-	G	204	chr9:130835253-130835525
## 1442	chr9 130854063	+	G	297	chr9:130854063-130854237
## 1443	chr9 130854063	-	G	15	chr9:130854063-130854237
## 1444	chr9 130854064	+	A	286	chr9:130854063-130854237
## 1445	chr9 130854064	-	A	15	chr9:130854063-130854237
## 1446	chr9 130854065	+	A	272	chr9:130854063-130854237
## 1447	chr9 130854065	-	A	15	chr9:130854063-130854237
## 1448	chr9 130854065	+	G	1	chr9:130854063-130854237
## 1449	chr9 130854066	+	G	266	chr9:130854063-130854237
## 1450	chr9 130854066	-	G	15	chr9:130854063-130854237
## 1451	chr9 130854067	+	C	257	chr9:130854063-130854237
## 1452	chr9 130854067	-	C	15	chr9:130854063-130854237
## 1453	chr9 130854068	+	C	243	chr9:130854063-130854237
## 1454	chr9 130854068	-	C	14	chr9:130854063-130854237
## 1455	chr9 130854069	+	C	223	chr9:130854063-130854237
## 1456	chr9 130854069	-	C	14	chr9:130854063-130854237
## 1457	chr9 130854070	+	T	202	chr9:130854063-130854237
## 1458	chr9 130854070	-	T	17	chr9:130854063-130854237
## 1459	chr9 130854071	+	A	1	chr9:130854063-130854237
## 1460	chr9 130854071	+	T	189	chr9:130854063-130854237
## 1461	chr9 130854071	-	T	21	chr9:130854063-130854237
## 1462	chr9 130854072	+	C	185	chr9:130854063-130854237
## 1463	chr9 130854072	-	C	37	chr9:130854063-130854237
## 1464	chr9 130854072	+	T	1	chr9:130854063-130854237
## 1465	chr9 130854073	+	A	163	chr9:130854063-130854237
## 1466	chr9 130854073	-	A	54	chr9:130854063-130854237
## 1467	chr9 130854074	+	G	147	chr9:130854063-130854237
## 1468	chr9 130854074	-	G	63	chr9:130854063-130854237
## 1469	chr9 130854075	+	C	123	chr9:130854063-130854237
## 1470	chr9 130854075	-	C	90	chr9:130854063-130854237
## 1471	chr9 130854076	+	G	110	chr9:130854063-130854237
## 1472	chr9 130854076	-	G	97	chr9:130854063-130854237
## 1473	chr9 130854077	+	G	107	chr9:130854063-130854237
## 1474	chr9 130854077	-	G	108	chr9:130854063-130854237
## 1475	chr9 130854078	+	C	114	chr9:130854063-130854237
## 1476	chr9 130854078	-	C	121	chr9:130854063-130854237
## 1477	chr9 130854079	+	C	122	chr9:130854063-130854237
## 1478	chr9 130854079	-	C	128	chr9:130854063-130854237
## 1479	chr9 130854080	+	A	122	chr9:130854063-130854237
## 1480	chr9 130854080	-	A	128	chr9:130854063-130854237
## 1481	chr9 130854081	+	G	122	chr9:130854063-130854237
## 1482	chr9 130854081	-	G	128	chr9:130854063-130854237
## 1483	chr9 130854082	+	T	122	chr9:130854063-130854237
## 1484	chr9 130854082	-	T	128	chr9:130854063-130854237
## 1485	chr9 130854083	+	A	122	chr9:130854063-130854237
## 1486	chr9 130854083	-	A	127	chr9:130854063-130854237
## 1487	chr9 130854083	-	T	1	chr9:130854063-130854237
## 1488	chr9 130854084	+	G	121	chr9:130854063-130854237
## 1489	chr9 130854084	-	G	128	chr9:130854063-130854237
## 1490	chr9 130854085	+	C	122	chr9:130854063-130854237
## 1491	chr9 130854085	-	C	128	chr9:130854063-130854237

## 1492	chr9 130854086	+	A	121	chr9:130854063-130854237
## 1493	chr9 130854086	-	A	128	chr9:130854063-130854237
## 1494	chr9 130854087	-	A	1	chr9:130854063-130854237
## 1495	chr9 130854087	+	T	123	chr9:130854063-130854237
## 1496	chr9 130854087	-	T	127	chr9:130854063-130854237
## 1497	chr9 130854088	+	C	123	chr9:130854063-130854237
## 1498	chr9 130854088	-	C	128	chr9:130854063-130854237
## 1499	chr9 130854089	+	T	123	chr9:130854063-130854237
## 1500	chr9 130854089	-	T	128	chr9:130854063-130854237
## 1501	chr9 130854090	+	G	123	chr9:130854063-130854237
## 1502	chr9 130854090	-	G	128	chr9:130854063-130854237
## 1503	chr9 130854091	+	A	123	chr9:130854063-130854237
## 1504	chr9 130854091	-	A	128	chr9:130854063-130854237
## 1505	chr9 130854092	+	C	123	chr9:130854063-130854237
## 1506	chr9 130854092	-	C	128	chr9:130854063-130854237
## 1507	chr9 130854093	+	T	123	chr9:130854063-130854237
## 1508	chr9 130854093	-	T	128	chr9:130854063-130854237
## 1509	chr9 130854094	-	A	1	chr9:130854063-130854237
## 1510	chr9 130854094	+	T	123	chr9:130854063-130854237
## 1511	chr9 130854094	-	T	127	chr9:130854063-130854237
## 1512	chr9 130854095	+	T	122	chr9:130854063-130854237
## 1513	chr9 130854095	-	T	129	chr9:130854063-130854237
## 1514	chr9 130854096	+	G	122	chr9:130854063-130854237
## 1515	chr9 130854096	-	G	129	chr9:130854063-130854237
## 1516	chr9 130854097	+	A	120	chr9:130854063-130854237
## 1517	chr9 130854097	-	A	130	chr9:130854063-130854237
## 1518	chr9 130854097	+	C	1	chr9:130854063-130854237
## 1519	chr9 130854098	+	C	2	chr9:130854063-130854237
## 1520	chr9 130854098	+	G	119	chr9:130854063-130854237
## 1521	chr9 130854098	-	G	130	chr9:130854063-130854237
## 1522	chr9 130854099	+	C	121	chr9:130854063-130854237
## 1523	chr9 130854099	-	C	130	chr9:130854063-130854237
## 1524	chr9 130854100	+	C	121	chr9:130854063-130854237
## 1525	chr9 130854100	-	C	130	chr9:130854063-130854237
## 1526	chr9 130854101	+	T	121	chr9:130854063-130854237
## 1527	chr9 130854101	-	T	130	chr9:130854063-130854237
## 1528	chr9 130854102	+	C	121	chr9:130854063-130854237
## 1529	chr9 130854102	-	C	130	chr9:130854063-130854237
## 1530	chr9 130854103	+	A	121	chr9:130854063-130854237
## 1531	chr9 130854103	-	A	130	chr9:130854063-130854237
## 1532	chr9 130854104	+	G	121	chr9:130854063-130854237
## 1533	chr9 130854104	-	G	130	chr9:130854063-130854237
## 1534	chr9 130854105	+	G	122	chr9:130854063-130854237
## 1535	chr9 130854105	-	G	130	chr9:130854063-130854237
## 1536	chr9 130854106	+	G	122	chr9:130854063-130854237
## 1537	chr9 130854106	-	G	130	chr9:130854063-130854237
## 1538	chr9 130854107	+	T	122	chr9:130854063-130854237
## 1539	chr9 130854107	-	T	130	chr9:130854063-130854237
## 1540	chr9 130854108	+	C	122	chr9:130854063-130854237
## 1541	chr9 130854108	-	C	130	chr9:130854063-130854237
## 1542	chr9 130854109	+	T	122	chr9:130854063-130854237
## 1543	chr9 130854109	-	T	130	chr9:130854063-130854237
## 1544	chr9 130854110	+	G	122	chr9:130854063-130854237
## 1545	chr9 130854110	-	G	130	chr9:130854063-130854237

## 1546	chr9 130854111	+	A	122	chr9:130854063-130854237
## 1547	chr9 130854111	-	A	130	chr9:130854063-130854237
## 1548	chr9 130854112	+	G	122	chr9:130854063-130854237
## 1549	chr9 130854112	-	G	130	chr9:130854063-130854237
## 1550	chr9 130854113	+	T	121	chr9:130854063-130854237
## 1551	chr9 130854113	-	T	130	chr9:130854063-130854237
## 1552	chr9 130854114	+	G	121	chr9:130854063-130854237
## 1553	chr9 130854114	-	G	129	chr9:130854063-130854237
## 1554	chr9 130854114	-	T	1	chr9:130854063-130854237
## 1555	chr9 130854115	+	A	121	chr9:130854063-130854237
## 1556	chr9 130854115	-	A	130	chr9:130854063-130854237
## 1557	chr9 130854116	+	A	121	chr9:130854063-130854237
## 1558	chr9 130854116	-	A	130	chr9:130854063-130854237
## 1559	chr9 130854117	+	G	121	chr9:130854063-130854237
## 1560	chr9 130854117	-	G	129	chr9:130854063-130854237
## 1561	chr9 130854118	+	C	120	chr9:130854063-130854237
## 1562	chr9 130854118	-	C	129	chr9:130854063-130854237
## 1563	chr9 130854119	+	C	121	chr9:130854063-130854237
## 1564	chr9 130854119	-	C	129	chr9:130854063-130854237
## 1565	chr9 130854120	+	G	120	chr9:130854063-130854237
## 1566	chr9 130854120	-	G	129	chr9:130854063-130854237
## 1567	chr9 130854121	+	C	121	chr9:130854063-130854237
## 1568	chr9 130854121	-	C	129	chr9:130854063-130854237
## 1569	chr9 130854122	+	T	121	chr9:130854063-130854237
## 1570	chr9 130854122	-	T	129	chr9:130854063-130854237
## 1571	chr9 130854123	+	C	121	chr9:130854063-130854237
## 1572	chr9 130854123	-	C	129	chr9:130854063-130854237
## 1573	chr9 130854124	-	A	1	chr9:130854063-130854237
## 1574	chr9 130854124	+	G	121	chr9:130854063-130854237
## 1575	chr9 130854124	-	G	128	chr9:130854063-130854237
## 1576	chr9 130854125	+	T	122	chr9:130854063-130854237
## 1577	chr9 130854125	-	T	129	chr9:130854063-130854237
## 1578	chr9 130854126	-	G	1	chr9:130854063-130854237
## 1579	chr9 130854126	+	T	122	chr9:130854063-130854237
## 1580	chr9 130854126	-	T	128	chr9:130854063-130854237
## 1581	chr9 130854127	+	G	122	chr9:130854063-130854237
## 1582	chr9 130854127	-	G	129	chr9:130854063-130854237
## 1583	chr9 130854128	+	G	122	chr9:130854063-130854237
## 1584	chr9 130854128	-	G	129	chr9:130854063-130854237
## 1585	chr9 130854129	+	A	122	chr9:130854063-130854237
## 1586	chr9 130854129	-	A	129	chr9:130854063-130854237
## 1587	chr9 130854130	+	A	122	chr9:130854063-130854237
## 1588	chr9 130854130	-	A	129	chr9:130854063-130854237
## 1589	chr9 130854131	+	C	122	chr9:130854063-130854237
## 1590	chr9 130854131	-	C	127	chr9:130854063-130854237
## 1591	chr9 130854131	-	G	1	chr9:130854063-130854237
## 1592	chr9 130854132	+	T	122	chr9:130854063-130854237
## 1593	chr9 130854132	-	T	128	chr9:130854063-130854237
## 1594	chr9 130854133	+	C	122	chr9:130854063-130854237
## 1595	chr9 130854133	-	C	122	chr9:130854063-130854237
## 1596	chr9 130854134	+	C	128	chr9:130854063-130854237
## 1597	chr9 130854134	-	C	123	chr9:130854063-130854237
## 1598	chr9 130854135	+	A	128	chr9:130854063-130854237
## 1599	chr9 130854135	-	A	122	chr9:130854063-130854237

## 1600	chr9 130854135	-	T	1	chr9:130854063-130854237
## 1601	chr9 130854136	+	A	128	chr9:130854063-130854237
## 1602	chr9 130854136	-	A	123	chr9:130854063-130854237
## 1603	chr9 130854137	+	G	128	chr9:130854063-130854237
## 1604	chr9 130854137	-	G	123	chr9:130854063-130854237
## 1605	chr9 130854138	+	G	127	chr9:130854063-130854237
## 1606	chr9 130854138	-	G	124	chr9:130854063-130854237
## 1607	chr9 130854139	+	A	127	chr9:130854063-130854237
## 1608	chr9 130854139	-	A	124	chr9:130854063-130854237
## 1609	chr9 130854140	+	A	127	chr9:130854063-130854237
## 1610	chr9 130854140	-	A	124	chr9:130854063-130854237
## 1611	chr9 130854141	+	A	127	chr9:130854063-130854237
## 1612	chr9 130854141	-	A	124	chr9:130854063-130854237
## 1613	chr9 130854142	+	A	127	chr9:130854063-130854237
## 1614	chr9 130854142	-	A	124	chr9:130854063-130854237
## 1615	chr9 130854143	+	C	127	chr9:130854063-130854237
## 1616	chr9 130854143	-	C	124	chr9:130854063-130854237
## 1617	chr9 130854144	+	C	127	chr9:130854063-130854237
## 1618	chr9 130854144	-	C	124	chr9:130854063-130854237
## 1619	chr9 130854145	+	T	127	chr9:130854063-130854237
## 1620	chr9 130854145	-	T	120	chr9:130854063-130854237
## 1621	chr9 130854146	+	T	128	chr9:130854063-130854237
## 1622	chr9 130854146	-	T	116	chr9:130854063-130854237
## 1623	chr9 130854147	+	C	133	chr9:130854063-130854237
## 1624	chr9 130854147	-	C	105	chr9:130854063-130854237
## 1625	chr9 130854147	+	T	1	chr9:130854063-130854237
## 1626	chr9 130854148	+	T	138	chr9:130854063-130854237
## 1627	chr9 130854148	-	T	83	chr9:130854063-130854237
## 1628	chr9 130854149	+	C	137	chr9:130854063-130854237
## 1629	chr9 130854149	-	C	80	chr9:130854063-130854237
## 1630	chr9 130854150	+	G	150	chr9:130854063-130854237
## 1631	chr9 130854150	-	G	58	chr9:130854063-130854237
## 1632	chr9 130854151	+	A	1	chr9:130854063-130854237
## 1633	chr9 130854151	+	C	141	chr9:130854063-130854237
## 1634	chr9 130854151	-	C	56	chr9:130854063-130854237
## 1635	chr9 130854152	+	T	151	chr9:130854063-130854237
## 1636	chr9 130854152	-	T	58	chr9:130854063-130854237
## 1637	chr9 130854153	+	G	148	chr9:130854063-130854237
## 1638	chr9 130854153	-	G	54	chr9:130854063-130854237
## 1639	chr9 130854154	+	G	149	chr9:130854063-130854237
## 1640	chr9 130854154	-	G	69	chr9:130854063-130854237
## 1641	chr9 130854155	+	A	162	chr9:130854063-130854237
## 1642	chr9 130854155	-	A	74	chr9:130854063-130854237
## 1643	chr9 130854156	-	A	1	chr9:130854063-130854237
## 1644	chr9 130854156	+	C	171	chr9:130854063-130854237
## 1645	chr9 130854156	-	C	79	chr9:130854063-130854237
## 1646	chr9 130854157	+	C	171	chr9:130854063-130854237
## 1647	chr9 130854157	-	C	80	chr9:130854063-130854237
## 1648	chr9 130854158	+	C	171	chr9:130854063-130854237
## 1649	chr9 130854158	-	C	80	chr9:130854063-130854237
## 1650	chr9 130854159	+	A	170	chr9:130854063-130854237
## 1651	chr9 130854159	-	A	80	chr9:130854063-130854237
## 1652	chr9 130854160	+	G	169	chr9:130854063-130854237
## 1653	chr9 130854160	-	G	80	chr9:130854063-130854237

## 1654	chr9 130854161	+	T	170	chr9:130854063-130854237
## 1655	chr9 130854161	-	T	80	chr9:130854063-130854237
## 1656	chr9 130854162	+	G	169	chr9:130854063-130854237
## 1657	chr9 130854162	-	G	80	chr9:130854063-130854237
## 1658	chr9 130854163	+	A	169	chr9:130854063-130854237
## 1659	chr9 130854163	-	A	80	chr9:130854063-130854237
## 1660	chr9 130854163	+	T	1	chr9:130854063-130854237
## 1661	chr9 130854164	+	A	170	chr9:130854063-130854237
## 1662	chr9 130854164	-	A	80	chr9:130854063-130854237
## 1663	chr9 130854165	+	A	170	chr9:130854063-130854237
## 1664	chr9 130854165	-	A	80	chr9:130854063-130854237
## 1665	chr9 130854166	+	A	170	chr9:130854063-130854237
## 1666	chr9 130854166	-	A	80	chr9:130854063-130854237
## 1667	chr9 130854167	+	T	170	chr9:130854063-130854237
## 1668	chr9 130854167	-	T	80	chr9:130854063-130854237
## 1669	chr9 130854168	+	G	170	chr9:130854063-130854237
## 1670	chr9 130854168	-	G	80	chr9:130854063-130854237
## 1671	chr9 130854169	+	A	170	chr9:130854063-130854237
## 1672	chr9 130854169	-	A	80	chr9:130854063-130854237
## 1673	chr9 130854170	+	C	171	chr9:130854063-130854237
## 1674	chr9 130854170	-	C	79	chr9:130854063-130854237
## 1675	chr9 130854171	+	C	171	chr9:130854063-130854237
## 1676	chr9 130854171	-	C	79	chr9:130854063-130854237
## 1677	chr9 130854172	+	C	172	chr9:130854063-130854237
## 1678	chr9 130854172	-	C	78	chr9:130854063-130854237
## 1679	chr9 130854173	+	C	172	chr9:130854063-130854237
## 1680	chr9 130854173	-	C	78	chr9:130854063-130854237
## 1681	chr9 130854174	+	A	172	chr9:130854063-130854237
## 1682	chr9 130854174	-	A	78	chr9:130854063-130854237
## 1683	chr9 130854175	+	A	172	chr9:130854063-130854237
## 1684	chr9 130854175	-	A	78	chr9:130854063-130854237
## 1685	chr9 130854176	+	C	172	chr9:130854063-130854237
## 1686	chr9 130854176	-	C	78	chr9:130854063-130854237
## 1687	chr9 130854177	+	C	172	chr9:130854063-130854237
## 1688	chr9 130854177	-	C	78	chr9:130854063-130854237
## 1689	chr9 130854178	+	T	172	chr9:130854063-130854237
## 1690	chr9 130854178	-	T	78	chr9:130854063-130854237
## 1691	chr9 130854179	+	T	172	chr9:130854063-130854237
## 1692	chr9 130854179	-	T	78	chr9:130854063-130854237
## 1693	chr9 130854180	+	T	172	chr9:130854063-130854237
## 1694	chr9 130854180	-	T	78	chr9:130854063-130854237
## 1695	chr9 130854181	+	T	172	chr9:130854063-130854237
## 1696	chr9 130854181	-	T	78	chr9:130854063-130854237
## 1697	chr9 130854182	+	C	172	chr9:130854063-130854237
## 1698	chr9 130854182	-	C	78	chr9:130854063-130854237
## 1699	chr9 130854183	+	G	172	chr9:130854063-130854237
## 1700	chr9 130854183	-	G	78	chr9:130854063-130854237
## 1701	chr9 130854183	+	T	1	chr9:130854063-130854237
## 1702	chr9 130854184	+	T	173	chr9:130854063-130854237
## 1703	chr9 130854184	-	T	78	chr9:130854063-130854237
## 1704	chr9 130854185	+	T	173	chr9:130854063-130854237
## 1705	chr9 130854185	-	T	78	chr9:130854063-130854237
## 1706	chr9 130854186	+	G	173	chr9:130854063-130854237
## 1707	chr9 130854186	-	G	78	chr9:130854063-130854237

## 1708	chr9 130854187	+	A	1	chr9:130854063-130854237
## 1709	chr9 130854187	+	C	172	chr9:130854063-130854237
## 1710	chr9 130854187	-	C	78	chr9:130854063-130854237
## 1711	chr9 130854188	+	A	173	chr9:130854063-130854237
## 1712	chr9 130854188	-	A	78	chr9:130854063-130854237
## 1713	chr9 130854189	+	C	173	chr9:130854063-130854237
## 1714	chr9 130854189	-	C	78	chr9:130854063-130854237
## 1715	chr9 130854190	+	T	173	chr9:130854063-130854237
## 1716	chr9 130854190	-	T	78	chr9:130854063-130854237
## 1717	chr9 130854191	+	G	172	chr9:130854063-130854237
## 1718	chr9 130854191	-	G	78	chr9:130854063-130854237
## 1719	chr9 130854192	+	T	173	chr9:130854063-130854237
## 1720	chr9 130854192	-	T	77	chr9:130854063-130854237
## 1721	chr9 130854193	+	A	173	chr9:130854063-130854237
## 1722	chr9 130854193	-	A	77	chr9:130854063-130854237
## 1723	chr9 130854194	+	T	172	chr9:130854063-130854237
## 1724	chr9 130854194	-	T	77	chr9:130854063-130854237
## 1725	chr9 130854195	+	G	173	chr9:130854063-130854237
## 1726	chr9 130854195	-	G	77	chr9:130854063-130854237
## 1727	chr9 130854196	+	A	172	chr9:130854063-130854237
## 1728	chr9 130854196	-	A	77	chr9:130854063-130854237
## 1729	chr9 130854197	+	T	173	chr9:130854063-130854237
## 1730	chr9 130854197	-	T	77	chr9:130854063-130854237
## 1731	chr9 130854198	+	T	173	chr9:130854063-130854237
## 1732	chr9 130854198	-	T	73	chr9:130854063-130854237
## 1733	chr9 130854199	+	T	174	chr9:130854063-130854237
## 1734	chr9 130854199	-	T	76	chr9:130854063-130854237
## 1735	chr9 130854200	+	G	1	chr9:130854063-130854237
## 1736	chr9 130854200	+	T	173	chr9:130854063-130854237
## 1737	chr9 130854200	-	T	76	chr9:130854063-130854237
## 1738	chr9 130854201	+	G	173	chr9:130854063-130854237
## 1739	chr9 130854201	-	G	76	chr9:130854063-130854237
## 1740	chr9 130854201	+	T	1	chr9:130854063-130854237
## 1741	chr9 130854202	+	T	174	chr9:130854063-130854237
## 1742	chr9 130854202	-	T	76	chr9:130854063-130854237
## 1743	chr9 130854203	+	G	173	chr9:130854063-130854237
## 1744	chr9 130854203	-	G	76	chr9:130854063-130854237
## 1745	chr9 130854203	+	T	1	chr9:130854063-130854237
## 1746	chr9 130854204	+	G	174	chr9:130854063-130854237
## 1747	chr9 130854204	-	G	76	chr9:130854063-130854237
## 1748	chr9 130854205	+	C	174	chr9:130854063-130854237
## 1749	chr9 130854205	-	C	76	chr9:130854063-130854237
## 1750	chr9 130854206	+	A	1	chr9:130854063-130854237
## 1751	chr9 130854206	+	C	173	chr9:130854063-130854237
## 1752	chr9 130854206	-	C	76	chr9:130854063-130854237
## 1753	chr9 130854207	+	A	174	chr9:130854063-130854237
## 1754	chr9 130854207	-	A	76	chr9:130854063-130854237
## 1755	chr9 130854208	+	G	174	chr9:130854063-130854237
## 1756	chr9 130854208	-	G	76	chr9:130854063-130854237
## 1757	chr9 130854209	+	T	169	chr9:130854063-130854237
## 1758	chr9 130854209	-	T	75	chr9:130854063-130854237
## 1759	chr9 130854210	+	G	174	chr9:130854063-130854237
## 1760	chr9 130854210	-	G	75	chr9:130854063-130854237
## 1761	chr9 130854211	+	G	175	chr9:130854063-130854237

## 1762	chr9 130854211	-	G	75	chr9:130854063-130854237
## 1763	chr9 130854212	+	A	175	chr9:130854063-130854237
## 1764	chr9 130854212	-	A	74	chr9:130854063-130854237
## 1765	chr9 130854212	-	G	1	chr9:130854063-130854237
## 1766	chr9 130854213	+	G	176	chr9:130854063-130854237
## 1767	chr9 130854213	-	G	74	chr9:130854063-130854237
## 1768	chr9 130854214	+	A	176	chr9:130854063-130854237
## 1769	chr9 130854214	-	A	74	chr9:130854063-130854237
## 1770	chr9 130854215	+	T	176	chr9:130854063-130854237
## 1771	chr9 130854215	-	T	74	chr9:130854063-130854237
## 1772	chr9 130854216	+	A	176	chr9:130854063-130854237
## 1773	chr9 130854216	-	A	73	chr9:130854063-130854237
## 1774	chr9 130854217	+	A	177	chr9:130854063-130854237
## 1775	chr9 130854217	-	A	73	chr9:130854063-130854237
## 1776	chr9 130854218	-	A	1	chr9:130854063-130854237
## 1777	chr9 130854218	+	C	177	chr9:130854063-130854237
## 1778	chr9 130854218	-	C	72	chr9:130854063-130854237
## 1779	chr9 130854219	+	A	177	chr9:130854063-130854237
## 1780	chr9 130854219	-	A	73	chr9:130854063-130854237
## 1781	chr9 130854220	+	C	176	chr9:130854063-130854237
## 1782	chr9 130854220	-	C	73	chr9:130854063-130854237
## 1783	chr9 130854220	+	T	1	chr9:130854063-130854237
## 1784	chr9 130854221	+	T	174	chr9:130854063-130854237
## 1785	chr9 130854221	-	T	73	chr9:130854063-130854237
## 1786	chr9 130854222	+	C	171	chr9:130854063-130854237
## 1787	chr9 130854222	-	C	73	chr9:130854063-130854237
## 1788	chr9 130854223	+	G	1	chr9:130854063-130854237
## 1789	chr9 130854223	+	T	165	chr9:130854063-130854237
## 1790	chr9 130854223	-	T	73	chr9:130854063-130854237
## 1791	chr9 130854224	+	A	164	chr9:130854063-130854237
## 1792	chr9 130854224	-	A	72	chr9:130854063-130854237
## 1793	chr9 130854225	+	A	153	chr9:130854063-130854237
## 1794	chr9 130854225	-	A	78	chr9:130854063-130854237
## 1795	chr9 130854226	+	G	153	chr9:130854063-130854237
## 1796	chr9 130854226	-	G	79	chr9:130854063-130854237
## 1797	chr9 130854227	+	C	140	chr9:130854063-130854237
## 1798	chr9 130854227	-	C	78	chr9:130854063-130854237
## 1799	chr9 130854228	+	A	134	chr9:130854063-130854237
## 1800	chr9 130854228	-	A	79	chr9:130854063-130854237
## 1801	chr9 130854228	-	T	1	chr9:130854063-130854237
## 1802	chr9 130854229	+	T	125	chr9:130854063-130854237
## 1803	chr9 130854229	-	T	69	chr9:130854063-130854237
## 1804	chr9 130854230	+	A	114	chr9:130854063-130854237
## 1805	chr9 130854230	-	A	80	chr9:130854063-130854237
## 1806	chr9 130854231	+	A	113	chr9:130854063-130854237
## 1807	chr9 130854231	-	A	81	chr9:130854063-130854237
## 1808	chr9 130854232	+	C	119	chr9:130854063-130854237
## 1809	chr9 130854232	-	C	100	chr9:130854063-130854237
## 1810	chr9 130854233	+	T	120	chr9:130854063-130854237
## 1811	chr9 130854233	-	T	104	chr9:130854063-130854237
## 1812	chr9 130854234	+	A	129	chr9:130854063-130854237
## 1813	chr9 130854234	-	A	115	chr9:130854063-130854237
## 1814	chr9 130854235	+	A	130	chr9:130854063-130854237
## 1815	chr9 130854235	-	A	120	chr9:130854063-130854237

## 1816	chr9 130854236	+	A 128	chr9:130854063-130854237
## 1817	chr9 130854236	-	A 120	chr9:130854063-130854237
## 1818	chr9 130854236	+	T 1	chr9:130854063-130854237
## 1819	chr9 130854237	+	G 130	chr9:130854063-130854237
## 1820	chr9 130854237	-	G 119	chr9:130854063-130854237
## 1821	chr9 130854237	-	T 1	chr9:130854063-130854237
## 1822	chr9 130854800	+	G 257	chr9:130854800-130855096
## 1823	chr9 130854800	-	G 49	chr9:130854800-130855096
## 1824	chr9 130854801	+	G 252	chr9:130854800-130855096
## 1825	chr9 130854801	-	G 46	chr9:130854800-130855096
## 1826	chr9 130854802	+	T 248	chr9:130854800-130855096
## 1827	chr9 130854802	-	T 45	chr9:130854800-130855096
## 1828	chr9 130854803	+	G 239	chr9:130854800-130855096
## 1829	chr9 130854803	-	G 45	chr9:130854800-130855096
## 1830	chr9 130854804	+	A 230	chr9:130854800-130855096
## 1831	chr9 130854804	-	A 44	chr9:130854800-130855096
## 1832	chr9 130854805	+	A 214	chr9:130854800-130855096
## 1833	chr9 130854805	-	A 43	chr9:130854800-130855096
## 1834	chr9 130854806	+	A 210	chr9:130854800-130855096
## 1835	chr9 130854806	-	A 41	chr9:130854800-130855096
## 1836	chr9 130854807	+	A 198	chr9:130854800-130855096
## 1837	chr9 130854807	-	A 40	chr9:130854800-130855096
## 1838	chr9 130854808	+	G 209	chr9:130854800-130855096
## 1839	chr9 130854808	-	G 37	chr9:130854800-130855096
## 1840	chr9 130854809	+	C 198	chr9:130854800-130855096
## 1841	chr9 130854809	-	C 33	chr9:130854800-130855096
## 1842	chr9 130854810	+	T 205	chr9:130854800-130855096
## 1843	chr9 130854810	-	T 35	chr9:130854800-130855096
## 1844	chr9 130854811	+	C 189	chr9:130854800-130855096
## 1845	chr9 130854811	-	C 40	chr9:130854800-130855096
## 1846	chr9 130854812	+	C 185	chr9:130854800-130855096
## 1847	chr9 130854812	-	C 42	chr9:130854800-130855096
## 1848	chr9 130854813	-	A 2	chr9:130854800-130855096
## 1849	chr9 130854813	+	G 201	chr9:130854800-130855096
## 1850	chr9 130854813	-	G 38	chr9:130854800-130855096
## 1851	chr9 130854813	+	T 1	chr9:130854800-130855096
## 1852	chr9 130854814	+	G 197	chr9:130854800-130855096
## 1853	chr9 130854814	-	G 39	chr9:130854800-130855096
## 1854	chr9 130854815	+	G 197	chr9:130854800-130855096
## 1855	chr9 130854815	-	G 34	chr9:130854800-130855096
## 1856	chr9 130854816	+	T 211	chr9:130854800-130855096
## 1857	chr9 130854816	-	T 32	chr9:130854800-130855096
## 1858	chr9 130854817	+	C 201	chr9:130854800-130855096
## 1859	chr9 130854817	-	C 36	chr9:130854800-130855096
## 1860	chr9 130854818	+	T 194	chr9:130854800-130855096
## 1861	chr9 130854818	-	T 36	chr9:130854800-130855096
## 1862	chr9 130854819	+	T 186	chr9:130854800-130855096
## 1863	chr9 130854819	-	T 35	chr9:130854800-130855096
## 1864	chr9 130854820	+	A 195	chr9:130854800-130855096
## 1865	chr9 130854820	-	A 48	chr9:130854800-130855096
## 1866	chr9 130854821	+	G 202	chr9:130854800-130855096
## 1867	chr9 130854821	-	G 48	chr9:130854800-130855096
## 1868	chr9 130854822	+	G 202	chr9:130854800-130855096
## 1869	chr9 130854822	-	G 47	chr9:130854800-130855096

## 1870	chr9 130854822	-	T	1	chr9:130854800-130855096
## 1871	chr9 130854823	+	C	202	chr9:130854800-130855096
## 1872	chr9 130854823	-	C	48	chr9:130854800-130855096
## 1873	chr9 130854824	+	T	202	chr9:130854800-130855096
## 1874	chr9 130854824	-	T	48	chr9:130854800-130855096
## 1875	chr9 130854825	+	A	202	chr9:130854800-130855096
## 1876	chr9 130854825	-	A	48	chr9:130854800-130855096
## 1877	chr9 130854826	+	T	202	chr9:130854800-130855096
## 1878	chr9 130854826	-	T	48	chr9:130854800-130855096
## 1879	chr9 130854827	+	A	202	chr9:130854800-130855096
## 1880	chr9 130854827	-	A	48	chr9:130854800-130855096
## 1881	chr9 130854828	+	A	202	chr9:130854800-130855096
## 1882	chr9 130854828	-	A	48	chr9:130854800-130855096
## 1883	chr9 130854829	+	T	202	chr9:130854800-130855096
## 1884	chr9 130854829	-	T	48	chr9:130854800-130855096
## 1885	chr9 130854830	+	C	202	chr9:130854800-130855096
## 1886	chr9 130854830	-	C	48	chr9:130854800-130855096
## 1887	chr9 130854831	+	A	202	chr9:130854800-130855096
## 1888	chr9 130854831	-	A	48	chr9:130854800-130855096
## 1889	chr9 130854832	+	C	203	chr9:130854800-130855096
## 1890	chr9 130854832	-	C	47	chr9:130854800-130855096
## 1891	chr9 130854833	+	A	203	chr9:130854800-130855096
## 1892	chr9 130854833	-	A	47	chr9:130854800-130855096
## 1893	chr9 130854834	+	A	203	chr9:130854800-130855096
## 1894	chr9 130854834	-	A	47	chr9:130854800-130855096
## 1895	chr9 130854835	+	T	203	chr9:130854800-130855096
## 1896	chr9 130854835	-	T	47	chr9:130854800-130855096
## 1897	chr9 130854836	+	G	203	chr9:130854800-130855096
## 1898	chr9 130854836	-	G	47	chr9:130854800-130855096
## 1899	chr9 130854837	+	G	203	chr9:130854800-130855096
## 1900	chr9 130854837	-	G	47	chr9:130854800-130855096
## 1901	chr9 130854838	+	G	203	chr9:130854800-130855096
## 1902	chr9 130854838	-	G	47	chr9:130854800-130855096
## 1903	chr9 130854839	+	G	203	chr9:130854800-130855096
## 1904	chr9 130854839	-	G	47	chr9:130854800-130855096
## 1905	chr9 130854840	+	A	203	chr9:130854800-130855096
## 1906	chr9 130854840	-	A	47	chr9:130854800-130855096
## 1907	chr9 130854841	+	A	203	chr9:130854800-130855096
## 1908	chr9 130854841	-	A	47	chr9:130854800-130855096
## 1909	chr9 130854842	+	T	203	chr9:130854800-130855096
## 1910	chr9 130854842	-	T	47	chr9:130854800-130855096
## 1911	chr9 130854843	+	G	203	chr9:130854800-130855096
## 1912	chr9 130854843	-	G	47	chr9:130854800-130855096
## 1913	chr9 130854844	+	G	203	chr9:130854800-130855096
## 1914	chr9 130854844	-	G	47	chr9:130854800-130855096
## 1915	chr9 130854845	+	T	204	chr9:130854800-130855096
## 1916	chr9 130854845	-	T	44	chr9:130854800-130855096
## 1917	chr9 130854846	+	G	206	chr9:130854800-130855096
## 1918	chr9 130854846	-	G	44	chr9:130854800-130855096
## 1919	chr9 130854847	+	T	206	chr9:130854800-130855096
## 1920	chr9 130854847	-	T	44	chr9:130854800-130855096
## 1921	chr9 130854848	+	G	206	chr9:130854800-130855096
## 1922	chr9 130854848	-	G	44	chr9:130854800-130855096
## 1923	chr9 130854849	+	A	206	chr9:130854800-130855096

## 1924	chr9 130854849	-	A	44	chr9:130854800-130855096
## 1925	chr9 130854850	+	A	206	chr9:130854800-130855096
## 1926	chr9 130854850	-	A	44	chr9:130854800-130855096
## 1927	chr9 130854851	+	G	206	chr9:130854800-130855096
## 1928	chr9 130854851	-	G	44	chr9:130854800-130855096
## 1929	chr9 130854852	+	C	206	chr9:130854800-130855096
## 1930	chr9 130854852	-	C	44	chr9:130854800-130855096
## 1931	chr9 130854853	+	A	1	chr9:130854800-130855096
## 1932	chr9 130854853	+	C	205	chr9:130854800-130855096
## 1933	chr9 130854853	-	C	44	chr9:130854800-130855096
## 1934	chr9 130854854	+	C	206	chr9:130854800-130855096
## 1935	chr9 130854854	-	C	44	chr9:130854800-130855096
## 1936	chr9 130854855	+	A	206	chr9:130854800-130855096
## 1937	chr9 130854855	-	A	44	chr9:130854800-130855096
## 1938	chr9 130854856	+	A	206	chr9:130854800-130855096
## 1939	chr9 130854856	-	A	44	chr9:130854800-130855096
## 1940	chr9 130854857	+	A	205	chr9:130854800-130855096
## 1941	chr9 130854857	-	A	44	chr9:130854800-130855096
## 1942	chr9 130854857	+	C	1	chr9:130854800-130855096
## 1943	chr9 130854858	+	C	206	chr9:130854800-130855096
## 1944	chr9 130854858	-	C	44	chr9:130854800-130855096
## 1945	chr9 130854859	+	C	206	chr9:130854800-130855096
## 1946	chr9 130854859	-	C	44	chr9:130854800-130855096
## 1947	chr9 130854860	+	A	206	chr9:130854800-130855096
## 1948	chr9 130854860	-	A	44	chr9:130854800-130855096
## 1949	chr9 130854861	+	A	206	chr9:130854800-130855096
## 1950	chr9 130854861	-	A	44	chr9:130854800-130855096
## 1951	chr9 130854862	+	A	206	chr9:130854800-130855096
## 1952	chr9 130854862	-	A	44	chr9:130854800-130855096
## 1953	chr9 130854863	+	A	206	chr9:130854800-130855096
## 1954	chr9 130854863	-	A	44	chr9:130854800-130855096
## 1955	chr9 130854864	+	A	206	chr9:130854800-130855096
## 1956	chr9 130854864	-	A	44	chr9:130854800-130855096
## 1957	chr9 130854865	+	T	206	chr9:130854800-130855096
## 1958	chr9 130854865	-	T	44	chr9:130854800-130855096
## 1959	chr9 130854866	+	G	206	chr9:130854800-130855096
## 1960	chr9 130854866	-	G	44	chr9:130854800-130855096
## 1961	chr9 130854867	+	G	206	chr9:130854800-130855096
## 1962	chr9 130854867	-	G	44	chr9:130854800-130855096
## 1963	chr9 130854868	+	C	206	chr9:130854800-130855096
## 1964	chr9 130854868	-	C	44	chr9:130854800-130855096
## 1965	chr9 130854869	+	C	205	chr9:130854800-130855096
## 1966	chr9 130854869	-	C	44	chr9:130854800-130855096
## 1967	chr9 130854869	+	T	1	chr9:130854800-130855096
## 1968	chr9 130854870	+	A	206	chr9:130854800-130855096
## 1969	chr9 130854870	-	A	44	chr9:130854800-130855096
## 1970	chr9 130854871	+	A	206	chr9:130854800-130855096
## 1971	chr9 130854871	-	A	44	chr9:130854800-130855096
## 1972	chr9 130854872	+	A	1	chr9:130854800-130855096
## 1973	chr9 130854872	+	G	203	chr9:130854800-130855096
## 1974	chr9 130854872	-	G	44	chr9:130854800-130855096
## 1975	chr9 130854872	+	T	1	chr9:130854800-130855096
## 1976	chr9 130854873	+	G	206	chr9:130854800-130855096
## 1977	chr9 130854873	-	G	44	chr9:130854800-130855096

## 1978	chr9 130854874	+	C	206	chr9:130854800-130855096
## 1979	chr9 130854874	-	C	44	chr9:130854800-130855096
## 1980	chr9 130854875	+	T	206	chr9:130854800-130855096
## 1981	chr9 130854875	-	T	44	chr9:130854800-130855096
## 1982	chr9 130854876	+	G	206	chr9:130854800-130855096
## 1983	chr9 130854876	-	G	44	chr9:130854800-130855096
## 1984	chr9 130854877	+	G	206	chr9:130854800-130855096
## 1985	chr9 130854877	-	G	44	chr9:130854800-130855096
## 1986	chr9 130854878	+	G	206	chr9:130854800-130855096
## 1987	chr9 130854878	-	G	44	chr9:130854800-130855096
## 1988	chr9 130854879	-	G	1	chr9:130854800-130855096
## 1989	chr9 130854879	+	T	206	chr9:130854800-130855096
## 1990	chr9 130854879	-	T	43	chr9:130854800-130855096
## 1991	chr9 130854880	+	C	205	chr9:130854800-130855096
## 1992	chr9 130854880	-	C	44	chr9:130854800-130855096
## 1993	chr9 130854880	+	T	1	chr9:130854800-130855096
## 1994	chr9 130854881	+	C	205	chr9:130854800-130855096
## 1995	chr9 130854881	-	C	44	chr9:130854800-130855096
## 1996	chr9 130854881	+	T	1	chr9:130854800-130855096
## 1997	chr9 130854882	+	C	205	chr9:130854800-130855096
## 1998	chr9 130854882	-	C	44	chr9:130854800-130855096
## 1999	chr9 130854883	+	A	195	chr9:130854800-130855096
## 2000	chr9 130854883	-	A	44	chr9:130854800-130855096
## 2001	chr9 130854884	+	A	202	chr9:130854800-130855096
## 2002	chr9 130854884	-	A	43	chr9:130854800-130855096
## 2003	chr9 130854885	+	G	194	chr9:130854800-130855096
## 2004	chr9 130854885	-	G	39	chr9:130854800-130855096
## 2005	chr9 130854886	+	C	210	chr9:130854800-130855096
## 2006	chr9 130854886	-	C	30	chr9:130854800-130855096
## 2007	chr9 130854887	+	A	215	chr9:130854800-130855096
## 2008	chr9 130854887	-	A	26	chr9:130854800-130855096
## 2009	chr9 130854888	+	A	201	chr9:130854800-130855096
## 2010	chr9 130854888	-	A	26	chr9:130854800-130855096
## 2011	chr9 130854888	+	C	1	chr9:130854800-130855096
## 2012	chr9 130854889	+	C	216	chr9:130854800-130855096
## 2013	chr9 130854889	-	C	26	chr9:130854800-130855096
## 2014	chr9 130854890	+	T	210	chr9:130854800-130855096
## 2015	chr9 130854890	-	T	26	chr9:130854800-130855096
## 2016	chr9 130854891	+	A	196	chr9:130854800-130855096
## 2017	chr9 130854891	-	A	35	chr9:130854800-130855096
## 2018	chr9 130854892	+	C	213	chr9:130854800-130855096
## 2019	chr9 130854892	-	C	29	chr9:130854800-130855096
## 2020	chr9 130854893	+	A	211	chr9:130854800-130855096
## 2021	chr9 130854893	-	A	29	chr9:130854800-130855096
## 2022	chr9 130854893	+	G	1	chr9:130854800-130855096
## 2023	chr9 130854894	+	T	219	chr9:130854800-130855096
## 2024	chr9 130854894	-	T	23	chr9:130854800-130855096
## 2025	chr9 130854895	+	A	2	chr9:130854800-130855096
## 2026	chr9 130854895	+	C	214	chr9:130854800-130855096
## 2027	chr9 130854895	-	C	10	chr9:130854800-130855096
## 2028	chr9 130854896	+	A	230	chr9:130854800-130855096
## 2029	chr9 130854896	-	A	10	chr9:130854800-130855096
## 2030	chr9 130854896	+	C	1	chr9:130854800-130855096
## 2031	chr9 130854896	+	G	2	chr9:130854800-130855096

## 2032	chr9 130854897	+	C	240	chr9:130854800-130855096
## 2033	chr9 130854897	-	C	10	chr9:130854800-130855096
## 2034	chr9 130854898	+	G	240	chr9:130854800-130855096
## 2035	chr9 130854898	-	G	10	chr9:130854800-130855096
## 2036	chr9 130854899	+	C	240	chr9:130854800-130855096
## 2037	chr9 130854899	-	C	10	chr9:130854800-130855096
## 2038	chr9 130854900	+	C	240	chr9:130854800-130855096
## 2039	chr9 130854900	-	C	10	chr9:130854800-130855096
## 2040	chr9 130854901	+	A	240	chr9:130854800-130855096
## 2041	chr9 130854901	-	A	10	chr9:130854800-130855096
## 2042	chr9 130854902	+	G	240	chr9:130854800-130855096
## 2043	chr9 130854902	-	G	10	chr9:130854800-130855096
## 2044	chr9 130854903	+	T	240	chr9:130854800-130855096
## 2045	chr9 130854903	-	T	10	chr9:130854800-130855096
## 2046	chr9 130854904	+	C	240	chr9:130854800-130855096
## 2047	chr9 130854904	-	C	10	chr9:130854800-130855096
## 2048	chr9 130854905	+	A	240	chr9:130854800-130855096
## 2049	chr9 130854905	-	A	10	chr9:130854800-130855096
## 2050	chr9 130854906	+	A	240	chr9:130854800-130855096
## 2051	chr9 130854906	-	A	10	chr9:130854800-130855096
## 2052	chr9 130854907	+	C	240	chr9:130854800-130855096
## 2053	chr9 130854907	-	C	10	chr9:130854800-130855096
## 2054	chr9 130854908	+	A	240	chr9:130854800-130855096
## 2055	chr9 130854908	-	A	10	chr9:130854800-130855096
## 2056	chr9 130854909	+	G	240	chr9:130854800-130855096
## 2057	chr9 130854909	-	G	10	chr9:130854800-130855096
## 2058	chr9 130854910	+	T	240	chr9:130854800-130855096
## 2059	chr9 130854910	-	T	10	chr9:130854800-130855096
## 2060	chr9 130854911	+	C	240	chr9:130854800-130855096
## 2061	chr9 130854911	-	C	10	chr9:130854800-130855096
## 2062	chr9 130854912	+	T	240	chr9:130854800-130855096
## 2063	chr9 130854912	-	T	10	chr9:130854800-130855096
## 2064	chr9 130854913	+	G	240	chr9:130854800-130855096
## 2065	chr9 130854913	-	G	10	chr9:130854800-130855096
## 2066	chr9 130854914	+	G	240	chr9:130854800-130855096
## 2067	chr9 130854914	-	G	10	chr9:130854800-130855096
## 2068	chr9 130854915	+	A	240	chr9:130854800-130855096
## 2069	chr9 130854915	-	A	10	chr9:130854800-130855096
## 2070	chr9 130854916	+	G	240	chr9:130854800-130855096
## 2071	chr9 130854916	-	G	10	chr9:130854800-130855096
## 2072	chr9 130854917	+	A	240	chr9:130854800-130855096
## 2073	chr9 130854917	-	A	10	chr9:130854800-130855096
## 2074	chr9 130854918	+	A	240	chr9:130854800-130855096
## 2075	chr9 130854918	-	A	10	chr9:130854800-130855096
## 2076	chr9 130854919	+	A	239	chr9:130854800-130855096
## 2077	chr9 130854919	-	A	10	chr9:130854800-130855096
## 2078	chr9 130854920	+	A	2	chr9:130854800-130855096
## 2079	chr9 130854920	+	C	238	chr9:130854800-130855096
## 2080	chr9 130854920	-	C	10	chr9:130854800-130855096
## 2081	chr9 130854921	+	A	239	chr9:130854800-130855096
## 2082	chr9 130854921	-	A	10	chr9:130854800-130855096
## 2083	chr9 130854922	+	C	240	chr9:130854800-130855096
## 2084	chr9 130854922	-	C	10	chr9:130854800-130855096
## 2085	chr9 130854923	+	A	1	chr9:130854800-130855096

## 2086	chr9 130854923	+	T	239	chr9:130854800-130855096
## 2087	chr9 130854923	-	T	10	chr9:130854800-130855096
## 2088	chr9 130854924	+	C	240	chr9:130854800-130855096
## 2089	chr9 130854924	-	C	10	chr9:130854800-130855096
## 2090	chr9 130854925	+	C	240	chr9:130854800-130855096
## 2091	chr9 130854925	-	C	10	chr9:130854800-130855096
## 2092	chr9 130854926	+	T	240	chr9:130854800-130855096
## 2093	chr9 130854926	-	T	10	chr9:130854800-130855096
## 2094	chr9 130854927	+	G	240	chr9:130854800-130855096
## 2095	chr9 130854927	-	G	10	chr9:130854800-130855096
## 2096	chr9 130854928	+	G	240	chr9:130854800-130855096
## 2097	chr9 130854928	-	G	10	chr9:130854800-130855096
## 2098	chr9 130854929	+	T	240	chr9:130854800-130855096
## 2099	chr9 130854929	-	T	10	chr9:130854800-130855096
## 2100	chr9 130854930	+	A	240	chr9:130854800-130855096
## 2101	chr9 130854930	-	A	10	chr9:130854800-130855096
## 2102	chr9 130854931	+	C	240	chr9:130854800-130855096
## 2103	chr9 130854931	-	C	10	chr9:130854800-130855096
## 2104	chr9 130854932	+	C	240	chr9:130854800-130855096
## 2105	chr9 130854932	-	C	10	chr9:130854800-130855096
## 2106	chr9 130854933	+	A	240	chr9:130854800-130855096
## 2107	chr9 130854933	-	A	10	chr9:130854800-130855096
## 2108	chr9 130854934	+	T	240	chr9:130854800-130855096
## 2109	chr9 130854934	-	T	10	chr9:130854800-130855096
## 2110	chr9 130854935	+	G	239	chr9:130854800-130855096
## 2111	chr9 130854935	-	G	11	chr9:130854800-130855096
## 2112	chr9 130854936	+	G	238	chr9:130854800-130855096
## 2113	chr9 130854936	-	G	11	chr9:130854800-130855096
## 2114	chr9 130854937	+	G	239	chr9:130854800-130855096
## 2115	chr9 130854937	-	G	11	chr9:130854800-130855096
## 2116	chr9 130854938	+	C	239	chr9:130854800-130855096
## 2117	chr9 130854938	-	C	11	chr9:130854800-130855096
## 2118	chr9 130854939	+	C	239	chr9:130854800-130855096
## 2119	chr9 130854939	-	C	11	chr9:130854800-130855096
## 2120	chr9 130854940	+	T	240	chr9:130854800-130855096
## 2121	chr9 130854940	-	T	11	chr9:130854800-130855096
## 2122	chr9 130854941	+	G	240	chr9:130854800-130855096
## 2123	chr9 130854941	-	G	11	chr9:130854800-130855096
## 2124	chr9 130854942	+	T	240	chr9:130854800-130855096
## 2125	chr9 130854942	-	T	11	chr9:130854800-130855096
## 2126	chr9 130854943	+	G	240	chr9:130854800-130855096
## 2127	chr9 130854943	-	G	11	chr9:130854800-130855096
## 2128	chr9 130854944	+	T	240	chr9:130854800-130855096
## 2129	chr9 130854944	-	T	11	chr9:130854800-130855096
## 2130	chr9 130854945	+	C	239	chr9:130854800-130855096
## 2131	chr9 130854945	-	C	11	chr9:130854800-130855096
## 2132	chr9 130854946	+	C	239	chr9:130854800-130855096
## 2133	chr9 130854946	-	C	11	chr9:130854800-130855096
## 2134	chr9 130854947	+	C	239	chr9:130854800-130855096
## 2135	chr9 130854947	-	C	11	chr9:130854800-130855096
## 2136	chr9 130854948	+	G	238	chr9:130854800-130855096
## 2137	chr9 130854948	-	G	11	chr9:130854800-130855096
## 2138	chr9 130854949	+	C	239	chr9:130854800-130855096
## 2139	chr9 130854949	-	C	11	chr9:130854800-130855096

## 2140	chr9 130854950	+	A	239	chr9:130854800-130855096
## 2141	chr9 130854950	-	A	11	chr9:130854800-130855096
## 2142	chr9 130854951	+	A	239	chr9:130854800-130855096
## 2143	chr9 130854951	-	A	11	chr9:130854800-130855096
## 2144	chr9 130854952	+	T	239	chr9:130854800-130855096
## 2145	chr9 130854952	-	T	11	chr9:130854800-130855096
## 2146	chr9 130854953	+	G	239	chr9:130854800-130855096
## 2147	chr9 130854953	-	G	11	chr9:130854800-130855096
## 2148	chr9 130854954	+	C	239	chr9:130854800-130855096
## 2149	chr9 130854954	-	C	11	chr9:130854800-130855096
## 2150	chr9 130854955	+	C	239	chr9:130854800-130855096
## 2151	chr9 130854955	-	C	11	chr9:130854800-130855096
## 2152	chr9 130854956	+	G	239	chr9:130854800-130855096
## 2153	chr9 130854956	-	G	11	chr9:130854800-130855096
## 2154	chr9 130854957	+	C	239	chr9:130854800-130855096
## 2155	chr9 130854957	-	C	11	chr9:130854800-130855096
## 2156	chr9 130854958	+	T	235	chr9:130854800-130855096
## 2157	chr9 130854958	-	T	11	chr9:130854800-130855096
## 2158	chr9 130854959	+	A	1	chr9:130854800-130855096
## 2159	chr9 130854959	+	G	230	chr9:130854800-130855096
## 2160	chr9 130854959	-	G	11	chr9:130854800-130855096
## 2161	chr9 130854960	+	A	234	chr9:130854800-130855096
## 2162	chr9 130854960	-	A	11	chr9:130854800-130855096
## 2163	chr9 130854961	+	G	221	chr9:130854800-130855096
## 2164	chr9 130854961	-	G	11	chr9:130854800-130855096
## 2165	chr9 130854962	+	T	230	chr9:130854800-130855096
## 2166	chr9 130854962	-	T	11	chr9:130854800-130855096
## 2167	chr9 130854963	+	A	230	chr9:130854800-130855096
## 2168	chr9 130854963	-	A	11	chr9:130854800-130855096
## 2169	chr9 130854964	+	T	217	chr9:130854800-130855096
## 2170	chr9 130854964	-	T	11	chr9:130854800-130855096
## 2171	chr9 130854965	+	C	231	chr9:130854800-130855096
## 2172	chr9 130854965	-	C	11	chr9:130854800-130855096
## 2173	chr9 130854966	+	T	234	chr9:130854800-130855096
## 2174	chr9 130854966	-	T	2	chr9:130854800-130855096
## 2175	chr9 130854967	+	G	229	chr9:130854800-130855096
## 2176	chr9 130854967	-	G	1	chr9:130854800-130855096
## 2177	chr9 130854968	+	C	242	chr9:130854800-130855096
## 2178	chr9 130854968	-	C	1	chr9:130854800-130855096
## 2179	chr9 130854969	+	T	240	chr9:130854800-130855096
## 2180	chr9 130854969	-	T	1	chr9:130854800-130855096
## 2181	chr9 130854970	+	G	241	chr9:130854800-130855096
## 2182	chr9 130854970	-	G	1	chr9:130854800-130855096
## 2183	chr9 130854971	+	A	225	chr9:130854800-130855096
## 2184	chr9 130854971	-	A	1	chr9:130854800-130855096
## 2185	chr9 130854972	+	G	229	chr9:130854800-130855096
## 2186	chr9 130854972	-	G	15	chr9:130854800-130855096
## 2187	chr9 130854973	+	C	234	chr9:130854800-130855096
## 2188	chr9 130854973	-	C	15	chr9:130854800-130855096
## 2189	chr9 130854974	+	A	235	chr9:130854800-130855096
## 2190	chr9 130854974	-	A	15	chr9:130854800-130855096
## 2191	chr9 130854975	+	G	235	chr9:130854800-130855096
## 2192	chr9 130854975	-	G	15	chr9:130854800-130855096
## 2193	chr9 130854976	+	C	235	chr9:130854800-130855096

## 2194	chr9 130854976	-	C	15	chr9:130854800-130855096
## 2195	chr9 130854977	+	G	234	chr9:130854800-130855096
## 2196	chr9 130854977	-	G	15	chr9:130854800-130855096
## 2197	chr9 130854977	+	T	1	chr9:130854800-130855096
## 2198	chr9 130854978	+	G	235	chr9:130854800-130855096
## 2199	chr9 130854978	-	G	15	chr9:130854800-130855096
## 2200	chr9 130854979	+	G	235	chr9:130854800-130855096
## 2201	chr9 130854979	-	G	15	chr9:130854800-130855096
## 2202	chr9 130854980	+	A	235	chr9:130854800-130855096
## 2203	chr9 130854980	-	A	15	chr9:130854800-130855096
## 2204	chr9 130854981	+	T	235	chr9:130854800-130855096
## 2205	chr9 130854981	-	T	15	chr9:130854800-130855096
## 2206	chr9 130854982	+	C	235	chr9:130854800-130855096
## 2207	chr9 130854982	-	C	15	chr9:130854800-130855096
## 2208	chr9 130854983	+	A	235	chr9:130854800-130855096
## 2209	chr9 130854983	-	A	15	chr9:130854800-130855096
## 2210	chr9 130854984	+	A	235	chr9:130854800-130855096
## 2211	chr9 130854984	-	A	15	chr9:130854800-130855096
## 2212	chr9 130854985	+	T	235	chr9:130854800-130855096
## 2213	chr9 130854985	-	T	15	chr9:130854800-130855096
## 2214	chr9 130854986	+	G	235	chr9:130854800-130855096
## 2215	chr9 130854986	-	G	15	chr9:130854800-130855096
## 2216	chr9 130854987	+	G	235	chr9:130854800-130855096
## 2217	chr9 130854987	-	G	15	chr9:130854800-130855096
## 2218	chr9 130854988	+	C	235	chr9:130854800-130855096
## 2219	chr9 130854988	-	C	15	chr9:130854800-130855096
## 2220	chr9 130854989	+	A	235	chr9:130854800-130855096
## 2221	chr9 130854989	-	A	15	chr9:130854800-130855096
## 2222	chr9 130854990	+	G	235	chr9:130854800-130855096
## 2223	chr9 130854990	-	G	15	chr9:130854800-130855096
## 2224	chr9 130854991	+	C	235	chr9:130854800-130855096
## 2225	chr9 130854991	-	C	15	chr9:130854800-130855096
## 2226	chr9 130854992	+	T	235	chr9:130854800-130855096
## 2227	chr9 130854992	-	T	15	chr9:130854800-130855096
## 2228	chr9 130854993	+	T	235	chr9:130854800-130855096
## 2229	chr9 130854993	-	T	15	chr9:130854800-130855096
## 2230	chr9 130854994	+	C	235	chr9:130854800-130855096
## 2231	chr9 130854994	-	C	15	chr9:130854800-130855096
## 2232	chr9 130854995	+	T	234	chr9:130854800-130855096
## 2233	chr9 130854995	-	T	15	chr9:130854800-130855096
## 2234	chr9 130854996	+	T	235	chr9:130854800-130855096
## 2235	chr9 130854996	-	T	15	chr9:130854800-130855096
## 2236	chr9 130854997	+	G	234	chr9:130854800-130855096
## 2237	chr9 130854997	-	G	15	chr9:130854800-130855096
## 2238	chr9 130854998	+	G	235	chr9:130854800-130855096
## 2239	chr9 130854998	-	G	15	chr9:130854800-130855096
## 2240	chr9 130854999	+	T	235	chr9:130854800-130855096
## 2241	chr9 130854999	-	T	15	chr9:130854800-130855096
## 2242	chr9 130855000	+	G	232	chr9:130854800-130855096
## 2243	chr9 130855000	-	G	15	chr9:130854800-130855096
## 2244	chr9 130855000	+	T	3	chr9:130854800-130855096
## 2245	chr9 130855001	+	C	235	chr9:130854800-130855096
## 2246	chr9 130855001	-	C	15	chr9:130854800-130855096
## 2247	chr9 130855002	+	G	235	chr9:130854800-130855096

## 2248	chr9 130855002	-	G	15	chr9:130854800-130855096
## 2249	chr9 130855003	+	T	235	chr9:130854800-130855096
## 2250	chr9 130855003	-	T	15	chr9:130854800-130855096
## 2251	chr9 130855004	+	G	235	chr9:130854800-130855096
## 2252	chr9 130855004	-	G	15	chr9:130854800-130855096
## 2253	chr9 130855005	+	A	235	chr9:130854800-130855096
## 2254	chr9 130855005	-	A	15	chr9:130854800-130855096
## 2255	chr9 130855006	+	G	235	chr9:130854800-130855096
## 2256	chr9 130855006	-	G	15	chr9:130854800-130855096
## 2257	chr9 130855007	+	A	234	chr9:130854800-130855096
## 2258	chr9 130855007	-	A	15	chr9:130854800-130855096
## 2259	chr9 130855007	+	C	1	chr9:130854800-130855096
## 2260	chr9 130855008	+	G	236	chr9:130854800-130855096
## 2261	chr9 130855008	-	G	15	chr9:130854800-130855096
## 2262	chr9 130855009	+	T	236	chr9:130854800-130855096
## 2263	chr9 130855009	-	T	14	chr9:130854800-130855096
## 2264	chr9 130855010	+	G	237	chr9:130854800-130855096
## 2265	chr9 130855010	-	G	14	chr9:130854800-130855096
## 2266	chr9 130855011	+	A	237	chr9:130854800-130855096
## 2267	chr9 130855011	-	A	14	chr9:130854800-130855096
## 2268	chr9 130855012	+	A	1	chr9:130854800-130855096
## 2269	chr9 130855012	+	G	234	chr9:130854800-130855096
## 2270	chr9 130855012	-	G	14	chr9:130854800-130855096
## 2271	chr9 130855012	+	T	1	chr9:130854800-130855096
## 2272	chr9 130855013	+	A	236	chr9:130854800-130855096
## 2273	chr9 130855013	-	A	14	chr9:130854800-130855096
## 2274	chr9 130855014	+	G	235	chr9:130854800-130855096
## 2275	chr9 130855014	-	G	14	chr9:130854800-130855096
## 2276	chr9 130855014	+	T	1	chr9:130854800-130855096
## 2277	chr9 130855015	+	C	236	chr9:130854800-130855096
## 2278	chr9 130855015	-	C	14	chr9:130854800-130855096
## 2279	chr9 130855016	+	A	236	chr9:130854800-130855096
## 2280	chr9 130855016	-	A	14	chr9:130854800-130855096
## 2281	chr9 130855017	+	G	236	chr9:130854800-130855096
## 2282	chr9 130855017	-	G	14	chr9:130854800-130855096
## 2283	chr9 130855018	+	T	236	chr9:130854800-130855096
## 2284	chr9 130855018	-	T	14	chr9:130854800-130855096
## 2285	chr9 130855019	+	C	236	chr9:130854800-130855096
## 2286	chr9 130855019	-	C	14	chr9:130854800-130855096
## 2287	chr9 130855020	+	A	1	chr9:130854800-130855096
## 2288	chr9 130855020	+	C	235	chr9:130854800-130855096
## 2289	chr9 130855020	-	C	14	chr9:130854800-130855096
## 2290	chr9 130855021	+	T	236	chr9:130854800-130855096
## 2291	chr9 130855021	-	T	13	chr9:130854800-130855096
## 2292	chr9 130855022	+	G	233	chr9:130854800-130855096
## 2293	chr9 130855022	-	G	13	chr9:130854800-130855096
## 2294	chr9 130855023	+	G	236	chr9:130854800-130855096
## 2295	chr9 130855023	-	G	14	chr9:130854800-130855096
## 2296	chr9 130855024	+	C	235	chr9:130854800-130855096
## 2297	chr9 130855024	-	C	14	chr9:130854800-130855096
## 2298	chr9 130855025	+	C	236	chr9:130854800-130855096
## 2299	chr9 130855025	-	C	14	chr9:130854800-130855096
## 2300	chr9 130855026	+	A	236	chr9:130854800-130855096
## 2301	chr9 130855026	-	A	14	chr9:130854800-130855096

## 2302	chr9 130855027	+	G	236	chr9:130854800-130855096
## 2303	chr9 130855027	-	G	14	chr9:130854800-130855096
## 2304	chr9 130855028	+	A	236	chr9:130854800-130855096
## 2305	chr9 130855028	-	A	14	chr9:130854800-130855096
## 2306	chr9 130855029	+	G	236	chr9:130854800-130855096
## 2307	chr9 130855029	-	G	14	chr9:130854800-130855096
## 2308	chr9 130855030	+	G	236	chr9:130854800-130855096
## 2309	chr9 130855030	-	G	14	chr9:130854800-130855096
## 2310	chr9 130855031	+	T	236	chr9:130854800-130855096
## 2311	chr9 130855031	-	T	14	chr9:130854800-130855096
## 2312	chr9 130855032	+	C	236	chr9:130854800-130855096
## 2313	chr9 130855032	-	C	14	chr9:130854800-130855096
## 2314	chr9 130855033	+	C	236	chr9:130854800-130855096
## 2315	chr9 130855033	-	C	14	chr9:130854800-130855096
## 2316	chr9 130855034	+	A	232	chr9:130854800-130855096
## 2317	chr9 130855034	-	A	14	chr9:130854800-130855096
## 2318	chr9 130855035	+	T	228	chr9:130854800-130855096
## 2319	chr9 130855035	-	T	14	chr9:130854800-130855096
## 2320	chr9 130855036	+	C	228	chr9:130854800-130855096
## 2321	chr9 130855036	-	C	16	chr9:130854800-130855096
## 2322	chr9 130855036	+	T	1	chr9:130854800-130855096
## 2323	chr9 130855037	+	T	214	chr9:130854800-130855096
## 2324	chr9 130855037	-	T	18	chr9:130854800-130855096
## 2325	chr9 130855038	+	A	1	chr9:130854800-130855096
## 2326	chr9 130855038	+	C	208	chr9:130854800-130855096
## 2327	chr9 130855038	-	C	32	chr9:130854800-130855096
## 2328	chr9 130855039	+	G	209	chr9:130854800-130855096
## 2329	chr9 130855039	-	G	32	chr9:130854800-130855096
## 2330	chr9 130855040	+	C	194	chr9:130854800-130855096
## 2331	chr9 130855040	-	C	32	chr9:130854800-130855096
## 2332	chr9 130855040	+	T	1	chr9:130854800-130855096
## 2333	chr9 130855041	+	T	208	chr9:130854800-130855096
## 2334	chr9 130855041	-	T	34	chr9:130854800-130855096
## 2335	chr9 130855042	+	G	202	chr9:130854800-130855096
## 2336	chr9 130855042	-	G	35	chr9:130854800-130855096
## 2337	chr9 130855043	+	A	195	chr9:130854800-130855096
## 2338	chr9 130855043	-	A	35	chr9:130854800-130855096
## 2339	chr9 130855044	+	G	203	chr9:130854800-130855096
## 2340	chr9 130855044	-	G	44	chr9:130854800-130855096
## 2341	chr9 130855045	+	A	197	chr9:130854800-130855096
## 2342	chr9 130855045	-	A	44	chr9:130854800-130855096
## 2343	chr9 130855046	+	T	198	chr9:130854800-130855096
## 2344	chr9 130855046	-	T	44	chr9:130854800-130855096
## 2345	chr9 130855047	+	A	192	chr9:130854800-130855096
## 2346	chr9 130855047	-	A	35	chr9:130854800-130855096
## 2347	chr9 130855048	+	C	198	chr9:130854800-130855096
## 2348	chr9 130855048	-	C	46	chr9:130854800-130855096
## 2349	chr9 130855049	+	G	203	chr9:130854800-130855096
## 2350	chr9 130855049	-	G	46	chr9:130854800-130855096
## 2351	chr9 130855050	+	A	203	chr9:130854800-130855096
## 2352	chr9 130855050	-	A	46	chr9:130854800-130855096
## 2353	chr9 130855050	+	G	1	chr9:130854800-130855096
## 2354	chr9 130855051	+	A	204	chr9:130854800-130855096
## 2355	chr9 130855051	-	A	46	chr9:130854800-130855096

## 2356	chr9 130855052	+	G	203	chr9:130854800-130855096
## 2357	chr9 130855052	-	G	46	chr9:130854800-130855096
## 2358	chr9 130855053	+	G	202	chr9:130854800-130855096
## 2359	chr9 130855053	-	G	46	chr9:130854800-130855096
## 2360	chr9 130855054	+	G	204	chr9:130854800-130855096
## 2361	chr9 130855054	-	G	46	chr9:130854800-130855096
## 2362	chr9 130855055	+	A	204	chr9:130854800-130855096
## 2363	chr9 130855055	-	A	46	chr9:130854800-130855096
## 2364	chr9 130855056	+	G	204	chr9:130854800-130855096
## 2365	chr9 130855056	-	G	46	chr9:130854800-130855096
## 2366	chr9 130855057	+	G	204	chr9:130854800-130855096
## 2367	chr9 130855057	-	G	46	chr9:130854800-130855096
## 2368	chr9 130855058	+	G	204	chr9:130854800-130855096
## 2369	chr9 130855058	-	G	46	chr9:130854800-130855096
## 2370	chr9 130855059	+	T	204	chr9:130854800-130855096
## 2371	chr9 130855059	-	T	46	chr9:130854800-130855096
## 2372	chr9 130855060	+	G	204	chr9:130854800-130855096
## 2373	chr9 130855060	-	G	46	chr9:130854800-130855096
## 2374	chr9 130855061	+	T	204	chr9:130854800-130855096
## 2375	chr9 130855061	-	T	46	chr9:130854800-130855096
## 2376	chr9 130855062	+	A	204	chr9:130854800-130855096
## 2377	chr9 130855062	-	A	46	chr9:130854800-130855096
## 2378	chr9 130855063	+	C	204	chr9:130854800-130855096
## 2379	chr9 130855063	-	C	46	chr9:130854800-130855096
## 2380	chr9 130855064	+	C	203	chr9:130854800-130855096
## 2381	chr9 130855064	-	C	46	chr9:130854800-130855096
## 2382	chr9 130855065	+	A	204	chr9:130854800-130855096
## 2383	chr9 130855065	-	A	46	chr9:130854800-130855096
## 2384	chr9 130855066	+	T	204	chr9:130854800-130855096
## 2385	chr9 130855066	-	T	46	chr9:130854800-130855096
## 2386	chr9 130855067	+	T	205	chr9:130854800-130855096
## 2387	chr9 130855067	-	T	46	chr9:130854800-130855096
## 2388	chr9 130855068	+	A	205	chr9:130854800-130855096
## 2389	chr9 130855068	-	A	46	chr9:130854800-130855096
## 2390	chr9 130855069	+	C	205	chr9:130854800-130855096
## 2391	chr9 130855069	-	C	46	chr9:130854800-130855096
## 2392	chr9 130855070	+	A	205	chr9:130854800-130855096
## 2393	chr9 130855070	-	A	46	chr9:130854800-130855096
## 2394	chr9 130855071	+	G	205	chr9:130854800-130855096
## 2395	chr9 130855071	-	G	46	chr9:130854800-130855096
## 2396	chr9 130855072	+	G	205	chr9:130854800-130855096
## 2397	chr9 130855072	-	G	46	chr9:130854800-130855096
## 2398	chr9 130855073	+	A	204	chr9:130854800-130855096
## 2399	chr9 130855073	-	A	46	chr9:130854800-130855096
## 2400	chr9 130855074	+	T	204	chr9:130854800-130855096
## 2401	chr9 130855074	-	T	46	chr9:130854800-130855096
## 2402	chr9 130855075	+	A	1	chr9:130854800-130855096
## 2403	chr9 130855075	+	C	203	chr9:130854800-130855096
## 2404	chr9 130855075	-	C	46	chr9:130854800-130855096
## 2405	chr9 130855076	+	A	204	chr9:130854800-130855096
## 2406	chr9 130855076	-	A	46	chr9:130854800-130855096
## 2407	chr9 130855077	+	A	204	chr9:130854800-130855096
## 2408	chr9 130855077	-	A	46	chr9:130854800-130855096
## 2409	chr9 130855078	+	C	204	chr9:130854800-130855096

## 2410	chr9 130855078	-	C	46	chr9:130854800-130855096
## 2411	chr9 130855079	+	A	204	chr9:130854800-130855096
## 2412	chr9 130855079	-	A	46	chr9:130854800-130855096
## 2413	chr9 130855080	+	C	205	chr9:130854800-130855096
## 2414	chr9 130855080	-	C	46	chr9:130854800-130855096
## 2415	chr9 130855081	+	T	205	chr9:130854800-130855096
## 2416	chr9 130855081	-	T	46	chr9:130854800-130855096
## 2417	chr9 130855082	+	G	205	chr9:130854800-130855096
## 2418	chr9 130855082	-	G	46	chr9:130854800-130855096
## 2419	chr9 130855083	+	C	205	chr9:130854800-130855096
## 2420	chr9 130855083	-	C	46	chr9:130854800-130855096
## 2421	chr9 130855084	+	T	204	chr9:130854800-130855096
## 2422	chr9 130855084	-	T	47	chr9:130854800-130855096
## 2423	chr9 130855085	+	T	204	chr9:130854800-130855096
## 2424	chr9 130855085	-	T	47	chr9:130854800-130855096
## 2425	chr9 130855086	+	C	203	chr9:130854800-130855096
## 2426	chr9 130855086	-	C	48	chr9:130854800-130855096
## 2427	chr9 130855087	+	T	202	chr9:130854800-130855096
## 2428	chr9 130855087	-	T	48	chr9:130854800-130855096
## 2429	chr9 130855088	+	G	202	chr9:130854800-130855096
## 2430	chr9 130855088	-	G	48	chr9:130854800-130855096
## 2431	chr9 130855089	+	A	200	chr9:130854800-130855096
## 2432	chr9 130855089	-	A	49	chr9:130854800-130855096
## 2433	chr9 130855089	+	T	1	chr9:130854800-130855096
## 2434	chr9 130855090	+	T	199	chr9:130854800-130855096
## 2435	chr9 130855090	-	T	50	chr9:130854800-130855096
## 2436	chr9 130855091	+	G	197	chr9:130854800-130855096
## 2437	chr9 130855091	-	G	52	chr9:130854800-130855096
## 2438	chr9 130855091	+	T	1	chr9:130854800-130855096
## 2439	chr9 130855092	+	G	197	chr9:130854800-130855096
## 2440	chr9 130855092	-	G	53	chr9:130854800-130855096
## 2441	chr9 130855093	+	C	197	chr9:130854800-130855096
## 2442	chr9 130855093	-	C	53	chr9:130854800-130855096
## 2443	chr9 130855094	+	A	197	chr9:130854800-130855096
## 2444	chr9 130855094	-	A	53	chr9:130854800-130855096
## 2445	chr9 130855095	+	A	197	chr9:130854800-130855096
## 2446	chr9 130855095	-	A	53	chr9:130854800-130855096
## 2447	chr9 130855096	+	G	197	chr9:130854800-130855096
## 2448	chr9 130855096	-	G	54	chr9:130854800-130855096
## 2449	chr9 130862762	+	G	293	chr9:130862762-130863035
## 2450	chr9 130862762	-	G	15	chr9:130862762-130863035
## 2451	chr9 130862763	+	C	279	chr9:130862762-130863035
## 2452	chr9 130862763	-	C	13	chr9:130862762-130863035
## 2453	chr9 130862764	+	T	269	chr9:130862762-130863035
## 2454	chr9 130862764	-	T	11	chr9:130862762-130863035
## 2455	chr9 130862765	+	C	263	chr9:130862762-130863035
## 2456	chr9 130862765	-	C	11	chr9:130862762-130863035
## 2457	chr9 130862766	+	T	257	chr9:130862762-130863035
## 2458	chr9 130862766	-	T	10	chr9:130862762-130863035
## 2459	chr9 130862767	+	A	251	chr9:130862762-130863035
## 2460	chr9 130862767	-	A	9	chr9:130862762-130863035
## 2461	chr9 130862768	+	C	237	chr9:130862762-130863035
## 2462	chr9 130862768	-	C	9	chr9:130862762-130863035
## 2463	chr9 130862769	+	G	226	chr9:130862762-130863035

## 2464	chr9 130862769	-	G	9	chr9:130862762-130863035
## 2465	chr9 130862770	+	T	228	chr9:130862762-130863035
## 2466	chr9 130862770	-	T	9	chr9:130862762-130863035
## 2467	chr9 130862771	+	C	234	chr9:130862762-130863035
## 2468	chr9 130862771	-	C	8	chr9:130862762-130863035
## 2469	chr9 130862772	+	T	232	chr9:130862762-130863035
## 2470	chr9 130862772	-	T	7	chr9:130862762-130863035
## 2471	chr9 130862773	+	C	226	chr9:130862762-130863035
## 2472	chr9 130862773	-	C	9	chr9:130862762-130863035
## 2473	chr9 130862774	+	C	230	chr9:130862762-130863035
## 2474	chr9 130862774	-	C	8	chr9:130862762-130863035
## 2475	chr9 130862775	+	T	227	chr9:130862762-130863035
## 2476	chr9 130862775	-	T	9	chr9:130862762-130863035
## 2477	chr9 130862776	+	C	235	chr9:130862762-130863035
## 2478	chr9 130862776	-	C	9	chr9:130862762-130863035
## 2479	chr9 130862777	+	C	237	chr9:130862762-130863035
## 2480	chr9 130862777	-	C	8	chr9:130862762-130863035
## 2481	chr9 130862778	+	G	200	chr9:130862762-130863035
## 2482	chr9 130862778	-	G	6	chr9:130862762-130863035
## 2483	chr9 130862779	+	A	191	chr9:130862762-130863035
## 2484	chr9 130862779	-	A	9	chr9:130862762-130863035
## 2485	chr9 130862779	+	C	1	chr9:130862762-130863035
## 2486	chr9 130862779	+	G	1	chr9:130862762-130863035
## 2487	chr9 130862780	+	G	209	chr9:130862762-130863035
## 2488	chr9 130862780	-	G	26	chr9:130862762-130863035
## 2489	chr9 130862781	+	A	224	chr9:130862762-130863035
## 2490	chr9 130862781	-	A	26	chr9:130862762-130863035
## 2491	chr9 130862782	+	G	225	chr9:130862762-130863035
## 2492	chr9 130862782	-	G	26	chr9:130862762-130863035
## 2493	chr9 130862783	+	C	225	chr9:130862762-130863035
## 2494	chr9 130862783	-	C	26	chr9:130862762-130863035
## 2495	chr9 130862784	+	C	225	chr9:130862762-130863035
## 2496	chr9 130862784	-	C	26	chr9:130862762-130863035
## 2497	chr9 130862785	+	G	225	chr9:130862762-130863035
## 2498	chr9 130862785	-	G	26	chr9:130862762-130863035
## 2499	chr9 130862786	+	C	225	chr9:130862762-130863035
## 2500	chr9 130862786	-	C	26	chr9:130862762-130863035
## 2501	chr9 130862787	+	C	1	chr9:130862762-130863035
## 2502	chr9 130862787	+	T	224	chr9:130862762-130863035
## 2503	chr9 130862787	-	T	26	chr9:130862762-130863035
## 2504	chr9 130862788	+	T	225	chr9:130862762-130863035
## 2505	chr9 130862788	-	T	26	chr9:130862762-130863035
## 2506	chr9 130862789	+	C	225	chr9:130862762-130863035
## 2507	chr9 130862789	-	C	26	chr9:130862762-130863035
## 2508	chr9 130862790	+	A	224	chr9:130862762-130863035
## 2509	chr9 130862790	-	A	26	chr9:130862762-130863035
## 2510	chr9 130862790	+	T	1	chr9:130862762-130863035
## 2511	chr9 130862791	+	A	225	chr9:130862762-130863035
## 2512	chr9 130862791	-	A	26	chr9:130862762-130863035
## 2513	chr9 130862792	+	C	224	chr9:130862762-130863035
## 2514	chr9 130862792	-	C	26	chr9:130862762-130863035
## 2515	chr9 130862792	+	T	1	chr9:130862762-130863035
## 2516	chr9 130862793	+	A	225	chr9:130862762-130863035
## 2517	chr9 130862793	-	A	26	chr9:130862762-130863035

## 2518	chr9 130862794	+	C	225	chr9:130862762-130863035
## 2519	chr9 130862794	-	C	26	chr9:130862762-130863035
## 2520	chr9 130862795	+	C	225	chr9:130862762-130863035
## 2521	chr9 130862795	-	C	26	chr9:130862762-130863035
## 2522	chr9 130862796	+	C	225	chr9:130862762-130863035
## 2523	chr9 130862796	-	C	26	chr9:130862762-130863035
## 2524	chr9 130862797	+	T	225	chr9:130862762-130863035
## 2525	chr9 130862797	-	T	26	chr9:130862762-130863035
## 2526	chr9 130862798	+	G	224	chr9:130862762-130863035
## 2527	chr9 130862798	-	G	26	chr9:130862762-130863035
## 2528	chr9 130862798	+	T	1	chr9:130862762-130863035
## 2529	chr9 130862799	+	G	225	chr9:130862762-130863035
## 2530	chr9 130862799	-	G	26	chr9:130862762-130863035
## 2531	chr9 130862800	+	C	224	chr9:130862762-130863035
## 2532	chr9 130862800	-	C	26	chr9:130862762-130863035
## 2533	chr9 130862800	+	T	1	chr9:130862762-130863035
## 2534	chr9 130862801	+	C	225	chr9:130862762-130863035
## 2535	chr9 130862801	-	C	26	chr9:130862762-130863035
## 2536	chr9 130862802	+	A	2	chr9:130862762-130863035
## 2537	chr9 130862802	+	G	222	chr9:130862762-130863035
## 2538	chr9 130862802	-	G	26	chr9:130862762-130863035
## 2539	chr9 130862803	+	A	223	chr9:130862762-130863035
## 2540	chr9 130862803	-	A	26	chr9:130862762-130863035
## 2541	chr9 130862803	+	G	1	chr9:130862762-130863035
## 2542	chr9 130862804	+	G	224	chr9:130862762-130863035
## 2543	chr9 130862804	-	G	26	chr9:130862762-130863035
## 2544	chr9 130862805	+	T	224	chr9:130862762-130863035
## 2545	chr9 130862805	-	T	26	chr9:130862762-130863035
## 2546	chr9 130862806	+	T	224	chr9:130862762-130863035
## 2547	chr9 130862806	-	T	26	chr9:130862762-130863035
## 2548	chr9 130862807	+	G	224	chr9:130862762-130863035
## 2549	chr9 130862807	-	G	26	chr9:130862762-130863035
## 2550	chr9 130862808	+	G	224	chr9:130862762-130863035
## 2551	chr9 130862808	-	G	26	chr9:130862762-130863035
## 2552	chr9 130862809	+	G	1	chr9:130862762-130863035
## 2553	chr9 130862809	+	T	223	chr9:130862762-130863035
## 2554	chr9 130862809	-	T	26	chr9:130862762-130863035
## 2555	chr9 130862810	+	T	224	chr9:130862762-130863035
## 2556	chr9 130862810	-	T	26	chr9:130862762-130863035
## 2557	chr9 130862811	+	C	224	chr9:130862762-130863035
## 2558	chr9 130862811	-	C	26	chr9:130862762-130863035
## 2559	chr9 130862812	+	A	224	chr9:130862762-130863035
## 2560	chr9 130862812	-	A	26	chr9:130862762-130863035
## 2561	chr9 130862813	+	T	224	chr9:130862762-130863035
## 2562	chr9 130862813	-	T	26	chr9:130862762-130863035
## 2563	chr9 130862814	+	C	223	chr9:130862762-130863035
## 2564	chr9 130862814	-	C	26	chr9:130862762-130863035
## 2565	chr9 130862815	+	A	224	chr9:130862762-130863035
## 2566	chr9 130862815	-	A	26	chr9:130862762-130863035
## 2567	chr9 130862816	+	T	224	chr9:130862762-130863035
## 2568	chr9 130862816	-	T	26	chr9:130862762-130863035
## 2569	chr9 130862817	+	C	224	chr9:130862762-130863035
## 2570	chr9 130862817	-	C	26	chr9:130862762-130863035
## 2571	chr9 130862818	+	A	223	chr9:130862762-130863035

## 2572	chr9 130862818	-	A	26	chr9:130862762-130863035
## 2573	chr9 130862818	+	C	1	chr9:130862762-130863035
## 2574	chr9 130862819	+	T	224	chr9:130862762-130863035
## 2575	chr9 130862819	-	T	26	chr9:130862762-130863035
## 2576	chr9 130862820	+	T	224	chr9:130862762-130863035
## 2577	chr9 130862820	-	T	26	chr9:130862762-130863035
## 2578	chr9 130862821	+	A	1	chr9:130862762-130863035
## 2579	chr9 130862821	+	C	223	chr9:130862762-130863035
## 2580	chr9 130862821	-	C	26	chr9:130862762-130863035
## 2581	chr9 130862822	+	A	223	chr9:130862762-130863035
## 2582	chr9 130862822	-	A	26	chr9:130862762-130863035
## 2583	chr9 130862822	+	T	1	chr9:130862762-130863035
## 2584	chr9 130862823	+	A	223	chr9:130862762-130863035
## 2585	chr9 130862823	-	A	26	chr9:130862762-130863035
## 2586	chr9 130862823	+	G	1	chr9:130862762-130863035
## 2587	chr9 130862824	+	A	1	chr9:130862762-130863035
## 2588	chr9 130862824	+	C	223	chr9:130862762-130863035
## 2589	chr9 130862824	-	C	26	chr9:130862762-130863035
## 2590	chr9 130862825	+	G	224	chr9:130862762-130863035
## 2591	chr9 130862825	-	G	26	chr9:130862762-130863035
## 2592	chr9 130862826	+	G	224	chr9:130862762-130863035
## 2593	chr9 130862826	-	G	26	chr9:130862762-130863035
## 2594	chr9 130862827	+	T	224	chr9:130862762-130863035
## 2595	chr9 130862827	-	T	26	chr9:130862762-130863035
## 2596	chr9 130862828	+	G	223	chr9:130862762-130863035
## 2597	chr9 130862828	-	G	26	chr9:130862762-130863035
## 2598	chr9 130862829	+	G	224	chr9:130862762-130863035
## 2599	chr9 130862829	-	G	26	chr9:130862762-130863035
## 2600	chr9 130862830	+	C	224	chr9:130862762-130863035
## 2601	chr9 130862830	-	C	26	chr9:130862762-130863035
## 2602	chr9 130862831	+	C	224	chr9:130862762-130863035
## 2603	chr9 130862831	-	C	26	chr9:130862762-130863035
## 2604	chr9 130862832	+	G	224	chr9:130862762-130863035
## 2605	chr9 130862832	-	G	26	chr9:130862762-130863035
## 2606	chr9 130862833	+	A	223	chr9:130862762-130863035
## 2607	chr9 130862833	-	A	26	chr9:130862762-130863035
## 2608	chr9 130862833	+	C	2	chr9:130862762-130863035
## 2609	chr9 130862834	+	C	225	chr9:130862762-130863035
## 2610	chr9 130862834	-	C	26	chr9:130862762-130863035
## 2611	chr9 130862835	+	G	225	chr9:130862762-130863035
## 2612	chr9 130862835	-	G	26	chr9:130862762-130863035
## 2613	chr9 130862836	+	G	225	chr9:130862762-130863035
## 2614	chr9 130862836	-	G	26	chr9:130862762-130863035
## 2615	chr9 130862837	+	G	225	chr9:130862762-130863035
## 2616	chr9 130862837	-	G	26	chr9:130862762-130863035
## 2617	chr9 130862838	+	C	225	chr9:130862762-130863035
## 2618	chr9 130862838	-	C	26	chr9:130862762-130863035
## 2619	chr9 130862839	+	T	224	chr9:130862762-130863035
## 2620	chr9 130862839	-	T	26	chr9:130862762-130863035
## 2621	chr9 130862840	+	C	224	chr9:130862762-130863035
## 2622	chr9 130862840	-	C	26	chr9:130862762-130863035
## 2623	chr9 130862841	+	A	223	chr9:130862762-130863035
## 2624	chr9 130862841	-	A	25	chr9:130862762-130863035
## 2625	chr9 130862841	+	G	1	chr9:130862762-130863035

## 2626	chr9 130862841	-	G	1	chr9:130862762-130863035
## 2627	chr9 130862842	+	A	1	chr9:130862762-130863035
## 2628	chr9 130862842	+	T	223	chr9:130862762-130863035
## 2629	chr9 130862842	-	T	26	chr9:130862762-130863035
## 2630	chr9 130862843	+	A	1	chr9:130862762-130863035
## 2631	chr9 130862843	+	C	223	chr9:130862762-130863035
## 2632	chr9 130862843	-	C	26	chr9:130862762-130863035
## 2633	chr9 130862844	+	A	216	chr9:130862762-130863035
## 2634	chr9 130862844	-	A	26	chr9:130862762-130863035
## 2635	chr9 130862844	+	C	1	chr9:130862762-130863035
## 2636	chr9 130862845	+	C	212	chr9:130862762-130863035
## 2637	chr9 130862845	-	C	26	chr9:130862762-130863035
## 2638	chr9 130862846	+	C	209	chr9:130862762-130863035
## 2639	chr9 130862846	-	C	26	chr9:130862762-130863035
## 2640	chr9 130862847	+	A	214	chr9:130862762-130863035
## 2641	chr9 130862847	-	A	26	chr9:130862762-130863035
## 2642	chr9 130862847	+	C	1	chr9:130862762-130863035
## 2643	chr9 130862848	+	C	218	chr9:130862762-130863035
## 2644	chr9 130862848	-	C	24	chr9:130862762-130863035
## 2645	chr9 130862849	+	G	211	chr9:130862762-130863035
## 2646	chr9 130862849	-	G	24	chr9:130862762-130863035
## 2647	chr9 130862850	+	C	215	chr9:130862762-130863035
## 2648	chr9 130862850	-	C	22	chr9:130862762-130863035
## 2649	chr9 130862850	+	T	1	chr9:130862762-130863035
## 2650	chr9 130862851	+	T	213	chr9:130862762-130863035
## 2651	chr9 130862851	-	T	22	chr9:130862762-130863035
## 2652	chr9 130862852	+	C	212	chr9:130862762-130863035
## 2653	chr9 130862852	-	C	33	chr9:130862762-130863035
## 2654	chr9 130862853	+	C	212	chr9:130862762-130863035
## 2655	chr9 130862853	-	C	33	chr9:130862762-130863035
## 2656	chr9 130862854	+	A	202	chr9:130862762-130863035
## 2657	chr9 130862854	-	A	28	chr9:130862762-130863035
## 2658	chr9 130862855	+	T	203	chr9:130862762-130863035
## 2659	chr9 130862855	-	T	11	chr9:130862762-130863035
## 2660	chr9 130862856	+	T	203	chr9:130862762-130863035
## 2661	chr9 130862856	-	T	17	chr9:130862762-130863035
## 2662	chr9 130862857	+	A	225	chr9:130862762-130863035
## 2663	chr9 130862857	-	A	24	chr9:130862762-130863035
## 2664	chr9 130862857	+	G	1	chr9:130862762-130863035
## 2665	chr9 130862858	+	T	226	chr9:130862762-130863035
## 2666	chr9 130862858	-	T	24	chr9:130862762-130863035
## 2667	chr9 130862859	+	C	227	chr9:130862762-130863035
## 2668	chr9 130862859	-	C	24	chr9:130862762-130863035
## 2669	chr9 130862860	+	C	227	chr9:130862762-130863035
## 2670	chr9 130862860	-	C	24	chr9:130862762-130863035
## 2671	chr9 130862861	+	A	227	chr9:130862762-130863035
## 2672	chr9 130862861	-	A	24	chr9:130862762-130863035
## 2673	chr9 130862862	+	G	227	chr9:130862762-130863035
## 2674	chr9 130862862	-	G	24	chr9:130862762-130863035
## 2675	chr9 130862863	+	A	1	chr9:130862762-130863035
## 2676	chr9 130862863	+	C	225	chr9:130862762-130863035
## 2677	chr9 130862863	-	C	24	chr9:130862762-130863035
## 2678	chr9 130862863	+	G	1	chr9:130862762-130863035
## 2679	chr9 130862864	+	C	227	chr9:130862762-130863035

## 2680	chr9 130862864	-	C	24	chr9:130862762-130863035
## 2681	chr9 130862865	+	C	226	chr9:130862762-130863035
## 2682	chr9 130862865	-	C	24	chr9:130862762-130863035
## 2683	chr9 130862865	+	T	1	chr9:130862762-130863035
## 2684	chr9 130862866	+	C	225	chr9:130862762-130863035
## 2685	chr9 130862866	-	C	24	chr9:130862762-130863035
## 2686	chr9 130862866	+	T	1	chr9:130862762-130863035
## 2687	chr9 130862867	+	A	226	chr9:130862762-130863035
## 2688	chr9 130862867	-	A	24	chr9:130862762-130863035
## 2689	chr9 130862868	+	A	224	chr9:130862762-130863035
## 2690	chr9 130862868	-	A	24	chr9:130862762-130863035
## 2691	chr9 130862868	+	C	1	chr9:130862762-130863035
## 2692	chr9 130862869	+	A	226	chr9:130862762-130863035
## 2693	chr9 130862869	-	A	24	chr9:130862762-130863035
## 2694	chr9 130862870	+	G	226	chr9:130862762-130863035
## 2695	chr9 130862870	-	G	24	chr9:130862762-130863035
## 2696	chr9 130862871	+	C	226	chr9:130862762-130863035
## 2697	chr9 130862871	-	C	24	chr9:130862762-130863035
## 2698	chr9 130862872	+	G	226	chr9:130862762-130863035
## 2699	chr9 130862872	-	G	24	chr9:130862762-130863035
## 2700	chr9 130862873	+	C	226	chr9:130862762-130863035
## 2701	chr9 130862873	-	C	24	chr9:130862762-130863035
## 2702	chr9 130862874	+	A	226	chr9:130862762-130863035
## 2703	chr9 130862874	-	A	24	chr9:130862762-130863035
## 2704	chr9 130862875	+	A	226	chr9:130862762-130863035
## 2705	chr9 130862875	-	A	24	chr9:130862762-130863035
## 2706	chr9 130862876	+	C	226	chr9:130862762-130863035
## 2707	chr9 130862876	-	C	24	chr9:130862762-130863035
## 2708	chr9 130862877	+	A	227	chr9:130862762-130863035
## 2709	chr9 130862877	-	A	24	chr9:130862762-130863035
## 2710	chr9 130862878	+	A	226	chr9:130862762-130863035
## 2711	chr9 130862878	-	A	24	chr9:130862762-130863035
## 2712	chr9 130862879	+	G	227	chr9:130862762-130863035
## 2713	chr9 130862879	-	G	24	chr9:130862762-130863035
## 2714	chr9 130862880	+	C	227	chr9:130862762-130863035
## 2715	chr9 130862880	-	C	22	chr9:130862762-130863035
## 2716	chr9 130862881	+	C	228	chr9:130862762-130863035
## 2717	chr9 130862881	-	C	22	chr9:130862762-130863035
## 2718	chr9 130862882	+	C	228	chr9:130862762-130863035
## 2719	chr9 130862882	-	C	22	chr9:130862762-130863035
## 2720	chr9 130862883	+	A	228	chr9:130862762-130863035
## 2721	chr9 130862883	-	A	22	chr9:130862762-130863035
## 2722	chr9 130862884	+	C	228	chr9:130862762-130863035
## 2723	chr9 130862884	-	C	22	chr9:130862762-130863035
## 2724	chr9 130862885	+	T	228	chr9:130862762-130863035
## 2725	chr9 130862885	-	T	22	chr9:130862762-130863035
## 2726	chr9 130862886	+	G	228	chr9:130862762-130863035
## 2727	chr9 130862886	-	G	22	chr9:130862762-130863035
## 2728	chr9 130862887	+	T	228	chr9:130862762-130863035
## 2729	chr9 130862887	-	T	22	chr9:130862762-130863035
## 2730	chr9 130862888	+	C	228	chr9:130862762-130863035
## 2731	chr9 130862888	-	C	22	chr9:130862762-130863035
## 2732	chr9 130862889	+	T	228	chr9:130862762-130863035
## 2733	chr9 130862889	-	T	22	chr9:130862762-130863035

## 2734	chr9 130862890	+	A	227 chr9:130862762-130863035
## 2735	chr9 130862890	-	A	22 chr9:130862762-130863035
## 2736	chr9 130862891	+	T	228 chr9:130862762-130863035
## 2737	chr9 130862891	-	T	22 chr9:130862762-130863035
## 2738	chr9 130862892	+	G	228 chr9:130862762-130863035
## 2739	chr9 130862892	-	G	22 chr9:130862762-130863035
## 2740	chr9 130862893	+	G	228 chr9:130862762-130863035
## 2741	chr9 130862893	-	G	22 chr9:130862762-130863035
## 2742	chr9 130862894	+	T	227 chr9:130862762-130863035
## 2743	chr9 130862894	-	T	22 chr9:130862762-130863035
## 2744	chr9 130862895	+	G	229 chr9:130862762-130863035
## 2745	chr9 130862895	-	G	22 chr9:130862762-130863035
## 2746	chr9 130862896	+	T	229 chr9:130862762-130863035
## 2747	chr9 130862896	-	T	22 chr9:130862762-130863035
## 2748	chr9 130862897	+	G	227 chr9:130862762-130863035
## 2749	chr9 130862897	-	G	22 chr9:130862762-130863035
## 2750	chr9 130862897	+	T	2 chr9:130862762-130863035
## 2751	chr9 130862898	+	T	229 chr9:130862762-130863035
## 2752	chr9 130862898	-	T	22 chr9:130862762-130863035
## 2753	chr9 130862899	+	A	1 chr9:130862762-130863035
## 2754	chr9 130862899	+	C	228 chr9:130862762-130863035
## 2755	chr9 130862899	-	C	22 chr9:130862762-130863035
## 2756	chr9 130862900	+	C	229 chr9:130862762-130863035
## 2757	chr9 130862900	-	C	22 chr9:130862762-130863035
## 2758	chr9 130862901	+	A	1 chr9:130862762-130863035
## 2759	chr9 130862901	+	C	228 chr9:130862762-130863035
## 2760	chr9 130862901	-	C	22 chr9:130862762-130863035
## 2761	chr9 130862902	+	C	229 chr9:130862762-130863035
## 2762	chr9 130862902	-	C	22 chr9:130862762-130863035
## 2763	chr9 130862903	+	C	228 chr9:130862762-130863035
## 2764	chr9 130862903	-	C	22 chr9:130862762-130863035
## 2765	chr9 130862904	+	A	226 chr9:130862762-130863035
## 2766	chr9 130862904	-	A	22 chr9:130862762-130863035
## 2767	chr9 130862905	+	A	228 chr9:130862762-130863035
## 2768	chr9 130862905	-	A	22 chr9:130862762-130863035
## 2769	chr9 130862906	+	C	227 chr9:130862762-130863035
## 2770	chr9 130862906	-	C	22 chr9:130862762-130863035
## 2771	chr9 130862906	+	T	1 chr9:130862762-130863035
## 2772	chr9 130862907	+	T	228 chr9:130862762-130863035
## 2773	chr9 130862907	-	T	22 chr9:130862762-130863035
## 2774	chr9 130862908	+	A	228 chr9:130862762-130863035
## 2775	chr9 130862908	-	A	22 chr9:130862762-130863035
## 2776	chr9 130862909	+	C	227 chr9:130862762-130863035
## 2777	chr9 130862909	-	C	22 chr9:130862762-130863035
## 2778	chr9 130862909	+	T	1 chr9:130862762-130863035
## 2779	chr9 130862910	+	G	228 chr9:130862762-130863035
## 2780	chr9 130862910	-	G	22 chr9:130862762-130863035
## 2781	chr9 130862911	+	A	228 chr9:130862762-130863035
## 2782	chr9 130862911	-	A	22 chr9:130862762-130863035
## 2783	chr9 130862912	+	C	228 chr9:130862762-130863035
## 2784	chr9 130862912	-	C	22 chr9:130862762-130863035
## 2785	chr9 130862913	+	A	227 chr9:130862762-130863035
## 2786	chr9 130862913	-	A	22 chr9:130862762-130863035
## 2787	chr9 130862913	+	G	1 chr9:130862762-130863035

## 2788	chr9 130862914	+	A	228	chr9:130862762-130863035
## 2789	chr9 130862914	-	A	22	chr9:130862762-130863035
## 2790	chr9 130862915	+	G	227	chr9:130862762-130863035
## 2791	chr9 130862915	-	G	22	chr9:130862762-130863035
## 2792	chr9 130862916	+	A	1	chr9:130862762-130863035
## 2793	chr9 130862916	+	T	227	chr9:130862762-130863035
## 2794	chr9 130862916	-	T	22	chr9:130862762-130863035
## 2795	chr9 130862917	+	G	228	chr9:130862762-130863035
## 2796	chr9 130862917	-	G	22	chr9:130862762-130863035
## 2797	chr9 130862918	+	A	1	chr9:130862762-130863035
## 2798	chr9 130862918	+	G	227	chr9:130862762-130863035
## 2799	chr9 130862918	-	G	22	chr9:130862762-130863035
## 2800	chr9 130862919	+	G	226	chr9:130862762-130863035
## 2801	chr9 130862919	-	G	22	chr9:130862762-130863035
## 2802	chr9 130862920	+	A	223	chr9:130862762-130863035
## 2803	chr9 130862920	-	A	22	chr9:130862762-130863035
## 2804	chr9 130862921	+	G	217	chr9:130862762-130863035
## 2805	chr9 130862921	-	G	22	chr9:130862762-130863035
## 2806	chr9 130862922	+	A	212	chr9:130862762-130863035
## 2807	chr9 130862922	-	A	24	chr9:130862762-130863035
## 2808	chr9 130862923	+	T	216	chr9:130862762-130863035
## 2809	chr9 130862923	-	T	24	chr9:130862762-130863035
## 2810	chr9 130862924	+	G	209	chr9:130862762-130863035
## 2811	chr9 130862924	-	G	32	chr9:130862762-130863035
## 2812	chr9 130862925	+	G	199	chr9:130862762-130863035
## 2813	chr9 130862925	-	G	38	chr9:130862762-130863035
## 2814	chr9 130862926	+	A	198	chr9:130862762-130863035
## 2815	chr9 130862926	-	A	39	chr9:130862762-130863035
## 2816	chr9 130862927	+	A	208	chr9:130862762-130863035
## 2817	chr9 130862927	-	A	28	chr9:130862762-130863035
## 2818	chr9 130862928	+	C	216	chr9:130862762-130863035
## 2819	chr9 130862928	-	C	29	chr9:130862762-130863035
## 2820	chr9 130862929	+	G	217	chr9:130862762-130863035
## 2821	chr9 130862929	-	G	29	chr9:130862762-130863035
## 2822	chr9 130862930	+	C	201	chr9:130862762-130863035
## 2823	chr9 130862930	-	C	27	chr9:130862762-130863035
## 2824	chr9 130862931	+	A	193	chr9:130862762-130863035
## 2825	chr9 130862931	-	A	33	chr9:130862762-130863035
## 2826	chr9 130862932	+	C	178	chr9:130862762-130863035
## 2827	chr9 130862932	-	C	43	chr9:130862762-130863035
## 2828	chr9 130862932	+	T	2	chr9:130862762-130863035
## 2829	chr9 130862932	-	T	1	chr9:130862762-130863035
## 2830	chr9 130862933	+	G	185	chr9:130862762-130863035
## 2831	chr9 130862933	-	G	65	chr9:130862762-130863035
## 2832	chr9 130862934	+	G	185	chr9:130862762-130863035
## 2833	chr9 130862934	-	G	65	chr9:130862762-130863035
## 2834	chr9 130862935	+	A	184	chr9:130862762-130863035
## 2835	chr9 130862935	-	A	65	chr9:130862762-130863035
## 2836	chr9 130862935	+	C	1	chr9:130862762-130863035
## 2837	chr9 130862936	+	A	1	chr9:130862762-130863035
## 2838	chr9 130862936	+	C	184	chr9:130862762-130863035
## 2839	chr9 130862936	-	C	65	chr9:130862762-130863035
## 2840	chr9 130862937	+	A	185	chr9:130862762-130863035
## 2841	chr9 130862937	-	A	64	chr9:130862762-130863035

## 2842	chr9 130862937	-	G	1	chr9:130862762-130863035
## 2843	chr9 130862938	+	T	185	chr9:130862762-130863035
## 2844	chr9 130862938	-	T	65	chr9:130862762-130863035
## 2845	chr9 130862939	+	C	185	chr9:130862762-130863035
## 2846	chr9 130862939	-	C	65	chr9:130862762-130863035
## 2847	chr9 130862940	+	A	185	chr9:130862762-130863035
## 2848	chr9 130862940	-	A	65	chr9:130862762-130863035
## 2849	chr9 130862941	+	C	185	chr9:130862762-130863035
## 2850	chr9 130862941	-	C	64	chr9:130862762-130863035
## 2851	chr9 130862941	-	T	1	chr9:130862762-130863035
## 2852	chr9 130862942	+	C	185	chr9:130862762-130863035
## 2853	chr9 130862942	-	C	65	chr9:130862762-130863035
## 2854	chr9 130862943	+	A	185	chr9:130862762-130863035
## 2855	chr9 130862943	-	A	65	chr9:130862762-130863035
## 2856	chr9 130862944	+	T	184	chr9:130862762-130863035
## 2857	chr9 130862944	-	T	65	chr9:130862762-130863035
## 2858	chr9 130862945	+	G	185	chr9:130862762-130863035
## 2859	chr9 130862945	-	G	65	chr9:130862762-130863035
## 2860	chr9 130862946	+	A	185	chr9:130862762-130863035
## 2861	chr9 130862946	-	A	65	chr9:130862762-130863035
## 2862	chr9 130862947	+	A	185	chr9:130862762-130863035
## 2863	chr9 130862947	-	A	65	chr9:130862762-130863035
## 2864	chr9 130862948	+	G	185	chr9:130862762-130863035
## 2865	chr9 130862948	-	G	65	chr9:130862762-130863035
## 2866	chr9 130862949	+	C	185	chr9:130862762-130863035
## 2867	chr9 130862949	-	C	65	chr9:130862762-130863035
## 2868	chr9 130862950	+	A	185	chr9:130862762-130863035
## 2869	chr9 130862950	-	A	65	chr9:130862762-130863035
## 2870	chr9 130862951	+	C	185	chr9:130862762-130863035
## 2871	chr9 130862951	-	C	65	chr9:130862762-130863035
## 2872	chr9 130862952	+	A	185	chr9:130862762-130863035
## 2873	chr9 130862952	-	A	65	chr9:130862762-130863035
## 2874	chr9 130862953	+	A	185	chr9:130862762-130863035
## 2875	chr9 130862953	-	A	65	chr9:130862762-130863035
## 2876	chr9 130862954	+	G	185	chr9:130862762-130863035
## 2877	chr9 130862954	-	G	65	chr9:130862762-130863035
## 2878	chr9 130862955	+	C	185	chr9:130862762-130863035
## 2879	chr9 130862955	-	C	65	chr9:130862762-130863035
## 2880	chr9 130862956	+	T	184	chr9:130862762-130863035
## 2881	chr9 130862956	-	T	65	chr9:130862762-130863035
## 2882	chr9 130862957	+	-	1	chr9:130862762-130863035
## 2883	chr9 130862957	+	G	184	chr9:130862762-130863035
## 2884	chr9 130862957	-	G	65	chr9:130862762-130863035
## 2885	chr9 130862958	+	-	1	chr9:130862762-130863035
## 2886	chr9 130862958	+	C	1	chr9:130862762-130863035
## 2887	chr9 130862958	+	G	183	chr9:130862762-130863035
## 2888	chr9 130862958	-	G	65	chr9:130862762-130863035
## 2889	chr9 130862959	+	G	185	chr9:130862762-130863035
## 2890	chr9 130862959	-	G	65	chr9:130862762-130863035
## 2891	chr9 130862960	+	C	185	chr9:130862762-130863035
## 2892	chr9 130862960	-	C	64	chr9:130862762-130863035
## 2893	chr9 130862960	-	G	1	chr9:130862762-130863035
## 2894	chr9 130862961	+	-	1	chr9:130862762-130863035
## 2895	chr9 130862961	+	A	2	chr9:130862762-130863035

## 2896	chr9 130862961	+	G	182	chr9:130862762-130863035
## 2897	chr9 130862961	-	G	65	chr9:130862762-130863035
## 2898	chr9 130862962	+	G	183	chr9:130862762-130863035
## 2899	chr9 130862962	-	G	65	chr9:130862762-130863035
## 2900	chr9 130862962	+	T	2	chr9:130862762-130863035
## 2901	chr9 130862963	+	G	185	chr9:130862762-130863035
## 2902	chr9 130862963	-	G	65	chr9:130862762-130863035
## 2903	chr9 130862964	+	G	185	chr9:130862762-130863035
## 2904	chr9 130862964	-	G	65	chr9:130862762-130863035
## 2905	chr9 130862965	+	G	185	chr9:130862762-130863035
## 2906	chr9 130862965	-	G	65	chr9:130862762-130863035
## 2907	chr9 130862966	+	C	184	chr9:130862762-130863035
## 2908	chr9 130862966	-	C	65	chr9:130862762-130863035
## 2909	chr9 130862967	+	C	184	chr9:130862762-130863035
## 2910	chr9 130862967	-	C	65	chr9:130862762-130863035
## 2911	chr9 130862968	+	A	184	chr9:130862762-130863035
## 2912	chr9 130862968	-	A	64	chr9:130862762-130863035
## 2913	chr9 130862968	+	T	1	chr9:130862762-130863035
## 2914	chr9 130862968	-	T	1	chr9:130862762-130863035
## 2915	chr9 130862969	+	G	185	chr9:130862762-130863035
## 2916	chr9 130862969	-	G	65	chr9:130862762-130863035
## 2917	chr9 130862970	+	T	184	chr9:130862762-130863035
## 2918	chr9 130862970	-	T	65	chr9:130862762-130863035
## 2919	chr9 130862971	+	A	185	chr9:130862762-130863035
## 2920	chr9 130862971	-	A	65	chr9:130862762-130863035
## 2921	chr9 130862972	+	C	185	chr9:130862762-130863035
## 2922	chr9 130862972	-	C	65	chr9:130862762-130863035
## 2923	chr9 130862973	-	A	2	chr9:130862762-130863035
## 2924	chr9 130862973	+	G	185	chr9:130862762-130863035
## 2925	chr9 130862973	-	G	63	chr9:130862762-130863035
## 2926	chr9 130862974	+	G	185	chr9:130862762-130863035
## 2927	chr9 130862974	-	G	65	chr9:130862762-130863035
## 2928	chr9 130862975	+	G	185	chr9:130862762-130863035
## 2929	chr9 130862975	-	G	65	chr9:130862762-130863035
## 2930	chr9 130862976	+	G	185	chr9:130862762-130863035
## 2931	chr9 130862976	-	G	65	chr9:130862762-130863035
## 2932	chr9 130862977	+	A	184	chr9:130862762-130863035
## 2933	chr9 130862977	-	A	65	chr9:130862762-130863035
## 2934	chr9 130862977	+	G	1	chr9:130862762-130863035
## 2935	chr9 130862978	+	G	185	chr9:130862762-130863035
## 2936	chr9 130862978	-	G	65	chr9:130862762-130863035
## 2937	chr9 130862979	+	G	184	chr9:130862762-130863035
## 2938	chr9 130862979	-	G	65	chr9:130862762-130863035
## 2939	chr9 130862980	-	G	1	chr9:130862762-130863035
## 2940	chr9 130862980	+	T	183	chr9:130862762-130863035
## 2941	chr9 130862980	-	T	64	chr9:130862762-130863035
## 2942	chr9 130862981	+	G	185	chr9:130862762-130863035
## 2943	chr9 130862981	-	G	65	chr9:130862762-130863035
## 2944	chr9 130862982	+	T	185	chr9:130862762-130863035
## 2945	chr9 130862982	-	T	65	chr9:130862762-130863035
## 2946	chr9 130862983	+	A	185	chr9:130862762-130863035
## 2947	chr9 130862983	-	A	65	chr9:130862762-130863035
## 2948	chr9 130862984	+	C	185	chr9:130862762-130863035
## 2949	chr9 130862984	-	C	65	chr9:130862762-130863035

## 2950	chr9 130862985	+	G	185	chr9:130862762-130863035
## 2951	chr9 130862985	-	G	65	chr9:130862762-130863035
## 2952	chr9 130862986	+	A	185	chr9:130862762-130863035
## 2953	chr9 130862986	-	A	65	chr9:130862762-130863035
## 2954	chr9 130862987	+	G	185	chr9:130862762-130863035
## 2955	chr9 130862987	-	G	65	chr9:130862762-130863035
## 2956	chr9 130862988	+	G	185	chr9:130862762-130863035
## 2957	chr9 130862988	-	G	65	chr9:130862762-130863035
## 2958	chr9 130862989	+	G	185	chr9:130862762-130863035
## 2959	chr9 130862989	-	G	65	chr9:130862762-130863035
## 2960	chr9 130862990	+	C	185	chr9:130862762-130863035
## 2961	chr9 130862990	-	C	64	chr9:130862762-130863035
## 2962	chr9 130862991	+	A	1	chr9:130862762-130863035
## 2963	chr9 130862991	+	G	184	chr9:130862762-130863035
## 2964	chr9 130862991	-	G	64	chr9:130862762-130863035
## 2965	chr9 130862992	+	T	186	chr9:130862762-130863035
## 2966	chr9 130862992	-	T	64	chr9:130862762-130863035
## 2967	chr9 130862993	+	G	186	chr9:130862762-130863035
## 2968	chr9 130862993	-	G	64	chr9:130862762-130863035
## 2969	chr9 130862994	+	T	186	chr9:130862762-130863035
## 2970	chr9 130862994	-	T	64	chr9:130862762-130863035
## 2971	chr9 130862995	+	G	184	chr9:130862762-130863035
## 2972	chr9 130862995	-	G	64	chr9:130862762-130863035
## 2973	chr9 130862996	+	G	181	chr9:130862762-130863035
## 2974	chr9 130862996	-	G	64	chr9:130862762-130863035
## 2975	chr9 130862997	+	A	176	chr9:130862762-130863035
## 2976	chr9 130862997	-	A	64	chr9:130862762-130863035
## 2977	chr9 130862998	+	A	172	chr9:130862762-130863035
## 2978	chr9 130862998	-	A	64	chr9:130862762-130863035
## 2979	chr9 130862999	+	G	184	chr9:130862762-130863035
## 2980	chr9 130862999	-	G	57	chr9:130862762-130863035
## 2981	chr9 130863000	+	A	190	chr9:130862762-130863035
## 2982	chr9 130863000	-	A	51	chr9:130862762-130863035
## 2983	chr9 130863001	+	A	187	chr9:130862762-130863035
## 2984	chr9 130863001	-	A	50	chr9:130862762-130863035
## 2985	chr9 130863002	+	A	184	chr9:130862762-130863035
## 2986	chr9 130863002	-	A	53	chr9:130862762-130863035
## 2987	chr9 130863003	+	T	174	chr9:130862762-130863035
## 2988	chr9 130863003	-	T	57	chr9:130862762-130863035
## 2989	chr9 130863004	+	A	178	chr9:130862762-130863035
## 2990	chr9 130863004	-	A	67	chr9:130862762-130863035
## 2991	chr9 130863005	+	C	179	chr9:130862762-130863035
## 2992	chr9 130863005	-	C	65	chr9:130862762-130863035
## 2993	chr9 130863006	+	A	176	chr9:130862762-130863035
## 2994	chr9 130863006	-	A	57	chr9:130862762-130863035
## 2995	chr9 130863007	+	G	169	chr9:130862762-130863035
## 2996	chr9 130863007	-	G	47	chr9:130862762-130863035
## 2997	chr9 130863008	+	C	165	chr9:130862762-130863035
## 2998	chr9 130863008	-	C	37	chr9:130862762-130863035
## 2999	chr9 130863009	+	C	172	chr9:130862762-130863035
## 3000	chr9 130863009	-	C	46	chr9:130862762-130863035
## 3001	chr9 130863009	+	T	1	chr9:130862762-130863035
## 3002	chr9 130863010	+	T	189	chr9:130862762-130863035
## 3003	chr9 130863010	-	T	59	chr9:130862762-130863035

## 3004	chr9 130863011	+	G	191	chr9:130862762-130863035
## 3005	chr9 130863011	-	G	59	chr9:130862762-130863035
## 3006	chr9 130863012	+	A	191	chr9:130862762-130863035
## 3007	chr9 130863012	-	A	59	chr9:130862762-130863035
## 3008	chr9 130863013	+	C	191	chr9:130862762-130863035
## 3009	chr9 130863013	-	C	59	chr9:130862762-130863035
## 3010	chr9 130863014	+	A	1	chr9:130862762-130863035
## 3011	chr9 130863014	+	G	190	chr9:130862762-130863035
## 3012	chr9 130863014	-	G	59	chr9:130862762-130863035
## 3013	chr9 130863015	+	G	191	chr9:130862762-130863035
## 3014	chr9 130863015	-	G	59	chr9:130862762-130863035
## 3015	chr9 130863016	-	G	2	chr9:130862762-130863035
## 3016	chr9 130863016	+	T	191	chr9:130862762-130863035
## 3017	chr9 130863016	-	T	57	chr9:130862762-130863035
## 3018	chr9 130863017	+	G	191	chr9:130862762-130863035
## 3019	chr9 130863017	-	G	59	chr9:130862762-130863035
## 3020	chr9 130863018	+	G	191	chr9:130862762-130863035
## 3021	chr9 130863018	-	G	59	chr9:130862762-130863035
## 3022	chr9 130863019	+	C	191	chr9:130862762-130863035
## 3023	chr9 130863019	-	C	59	chr9:130862762-130863035
## 3024	chr9 130863020	+	C	190	chr9:130862762-130863035
## 3025	chr9 130863020	-	C	59	chr9:130862762-130863035
## 3026	chr9 130863021	+	G	191	chr9:130862762-130863035
## 3027	chr9 130863021	-	G	59	chr9:130862762-130863035
## 3028	chr9 130863022	-	G	1	chr9:130862762-130863035
## 3029	chr9 130863022	+	T	192	chr9:130862762-130863035
## 3030	chr9 130863022	-	T	58	chr9:130862762-130863035
## 3031	chr9 130863023	+	G	191	chr9:130862762-130863035
## 3032	chr9 130863023	-	G	59	chr9:130862762-130863035
## 3033	chr9 130863024	+	A	189	chr9:130862762-130863035
## 3034	chr9 130863024	-	A	59	chr9:130862762-130863035
## 3035	chr9 130863024	+	T	1	chr9:130862762-130863035
## 3036	chr9 130863025	+	A	191	chr9:130862762-130863035
## 3037	chr9 130863025	-	A	59	chr9:130862762-130863035
## 3038	chr9 130863026	+	G	191	chr9:130862762-130863035
## 3039	chr9 130863026	-	G	59	chr9:130862762-130863035
## 3040	chr9 130863027	+	A	192	chr9:130862762-130863035
## 3041	chr9 130863027	-	A	59	chr9:130862762-130863035
## 3042	chr9 130863028	+	C	192	chr9:130862762-130863035
## 3043	chr9 130863028	-	C	59	chr9:130862762-130863035
## 3044	chr9 130863029	+	C	192	chr9:130862762-130863035
## 3045	chr9 130863029	-	C	59	chr9:130862762-130863035
## 3046	chr9 130863030	+	T	192	chr9:130862762-130863035
## 3047	chr9 130863030	-	T	59	chr9:130862762-130863035
## 3048	chr9 130863031	+	T	192	chr9:130862762-130863035
## 3049	chr9 130863031	-	T	59	chr9:130862762-130863035
## 3050	chr9 130863032	+	G	190	chr9:130862762-130863035
## 3051	chr9 130863032	-	G	59	chr9:130862762-130863035
## 3052	chr9 130863032	+	T	1	chr9:130862762-130863035
## 3053	chr9 130863033	+	A	191	chr9:130862762-130863035
## 3054	chr9 130863033	-	A	59	chr9:130862762-130863035
## 3055	chr9 130863034	+	A	191	chr9:130862762-130863035
## 3056	chr9 130863034	-	A	59	chr9:130862762-130863035
## 3057	chr9 130863035	+	G	191	chr9:130862762-130863035

## 3058	chr9 130863035	-	G	59	chr9:130862762-130863035
## 3059	chr9 130872128	+	G	204	chr9:130872128-130872213
## 3060	chr9 130872128	-	G	112	chr9:130872128-130872213
## 3061	chr9 130872129	+	G	192	chr9:130872128-130872213
## 3062	chr9 130872129	-	G	93	chr9:130872128-130872213
## 3063	chr9 130872130	+	A	185	chr9:130872128-130872213
## 3064	chr9 130872130	-	A	82	chr9:130872128-130872213
## 3065	chr9 130872131	+	G	160	chr9:130872128-130872213
## 3066	chr9 130872131	-	G	82	chr9:130872128-130872213
## 3067	chr9 130872132	+	G	146	chr9:130872128-130872213
## 3068	chr9 130872132	-	G	74	chr9:130872128-130872213
## 3069	chr9 130872133	+	A	144	chr9:130872128-130872213
## 3070	chr9 130872133	-	A	88	chr9:130872128-130872213
## 3071	chr9 130872134	+	C	135	chr9:130872128-130872213
## 3072	chr9 130872134	-	C	92	chr9:130872128-130872213
## 3073	chr9 130872135	+	A	126	chr9:130872128-130872213
## 3074	chr9 130872135	-	A	108	chr9:130872128-130872213
## 3075	chr9 130872136	+	C	118	chr9:130872128-130872213
## 3076	chr9 130872136	-	C	92	chr9:130872128-130872213
## 3077	chr9 130872136	-	G	1	chr9:130872128-130872213
## 3078	chr9 130872137	+	C	112	chr9:130872128-130872213
## 3079	chr9 130872137	-	C	80	chr9:130872128-130872213
## 3080	chr9 130872138	+	A	110	chr9:130872128-130872213
## 3081	chr9 130872138	-	A	86	chr9:130872128-130872213
## 3082	chr9 130872139	+	T	118	chr9:130872128-130872213
## 3083	chr9 130872139	-	T	102	chr9:130872128-130872213
## 3084	chr9 130872140	-	C	1	chr9:130872128-130872213
## 3085	chr9 130872140	+	G	124	chr9:130872128-130872213
## 3086	chr9 130872140	-	G	117	chr9:130872128-130872213
## 3087	chr9 130872141	+	G	126	chr9:130872128-130872213
## 3088	chr9 130872141	-	G	124	chr9:130872128-130872213
## 3089	chr9 130872142	+	A	126	chr9:130872128-130872213
## 3090	chr9 130872142	-	A	123	chr9:130872128-130872213
## 3091	chr9 130872142	-	T	1	chr9:130872128-130872213
## 3092	chr9 130872143	+	G	126	chr9:130872128-130872213
## 3093	chr9 130872143	-	G	124	chr9:130872128-130872213
## 3094	chr9 130872144	+	G	126	chr9:130872128-130872213
## 3095	chr9 130872144	-	G	124	chr9:130872128-130872213
## 3096	chr9 130872145	-	G	1	chr9:130872128-130872213
## 3097	chr9 130872145	+	T	126	chr9:130872128-130872213
## 3098	chr9 130872145	-	T	123	chr9:130872128-130872213
## 3099	chr9 130872146	+	G	126	chr9:130872128-130872213
## 3100	chr9 130872146	-	G	124	chr9:130872128-130872213
## 3101	chr9 130872147	+	G	126	chr9:130872128-130872213
## 3102	chr9 130872147	-	G	124	chr9:130872128-130872213
## 3103	chr9 130872148	+	A	126	chr9:130872128-130872213
## 3104	chr9 130872148	-	A	124	chr9:130872128-130872213
## 3105	chr9 130872149	+	A	126	chr9:130872128-130872213
## 3106	chr9 130872149	-	A	124	chr9:130872128-130872213
## 3107	chr9 130872150	+	G	126	chr9:130872128-130872213
## 3108	chr9 130872150	-	G	123	chr9:130872128-130872213
## 3109	chr9 130872150	-	T	1	chr9:130872128-130872213
## 3110	chr9 130872151	+	A	126	chr9:130872128-130872213
## 3111	chr9 130872151	-	A	124	chr9:130872128-130872213

## 3112	chr9 130872152	+	G	126	chr9:130872128-130872213
## 3113	chr9 130872152	-	G	124	chr9:130872128-130872213
## 3114	chr9 130872153	+	T	126	chr9:130872128-130872213
## 3115	chr9 130872153	-	T	124	chr9:130872128-130872213
## 3116	chr9 130872154	+	T	126	chr9:130872128-130872213
## 3117	chr9 130872154	-	T	124	chr9:130872128-130872213
## 3118	chr9 130872155	+	C	125	chr9:130872128-130872213
## 3119	chr9 130872155	-	C	125	chr9:130872128-130872213
## 3120	chr9 130872156	+	T	125	chr9:130872128-130872213
## 3121	chr9 130872156	-	T	125	chr9:130872128-130872213
## 3122	chr9 130872157	+	T	125	chr9:130872128-130872213
## 3123	chr9 130872157	-	T	125	chr9:130872128-130872213
## 3124	chr9 130872158	+	G	125	chr9:130872128-130872213
## 3125	chr9 130872158	-	G	125	chr9:130872128-130872213
## 3126	chr9 130872159	+	A	125	chr9:130872128-130872213
## 3127	chr9 130872159	-	A	125	chr9:130872128-130872213
## 3128	chr9 130872160	+	A	125	chr9:130872128-130872213
## 3129	chr9 130872160	-	A	125	chr9:130872128-130872213
## 3130	chr9 130872161	+	A	125	chr9:130872128-130872213
## 3131	chr9 130872161	-	A	125	chr9:130872128-130872213
## 3132	chr9 130872162	+	G	125	chr9:130872128-130872213
## 3133	chr9 130872162	-	G	125	chr9:130872128-130872213
## 3134	chr9 130872163	+	A	125	chr9:130872128-130872213
## 3135	chr9 130872163	-	A	125	chr9:130872128-130872213
## 3136	chr9 130872164	+	A	126	chr9:130872128-130872213
## 3137	chr9 130872164	-	A	125	chr9:130872128-130872213
## 3138	chr9 130872165	+	G	126	chr9:130872128-130872213
## 3139	chr9 130872165	-	G	125	chr9:130872128-130872213
## 3140	chr9 130872166	+	A	1	chr9:130872128-130872213
## 3141	chr9 130872166	+	C	125	chr9:130872128-130872213
## 3142	chr9 130872166	-	C	125	chr9:130872128-130872213
## 3143	chr9 130872167	+	T	126	chr9:130872128-130872213
## 3144	chr9 130872167	-	T	125	chr9:130872128-130872213
## 3145	chr9 130872168	+	G	126	chr9:130872128-130872213
## 3146	chr9 130872168	-	G	125	chr9:130872128-130872213
## 3147	chr9 130872169	+	C	126	chr9:130872128-130872213
## 3148	chr9 130872169	-	C	125	chr9:130872128-130872213
## 3149	chr9 130872170	+	A	126	chr9:130872128-130872213
## 3150	chr9 130872170	-	A	125	chr9:130872128-130872213
## 3151	chr9 130872171	+	G	126	chr9:130872128-130872213
## 3152	chr9 130872171	-	G	125	chr9:130872128-130872213
## 3153	chr9 130872172	+	T	126	chr9:130872128-130872213
## 3154	chr9 130872172	-	T	125	chr9:130872128-130872213
## 3155	chr9 130872173	+	C	126	chr9:130872128-130872213
## 3156	chr9 130872173	-	C	125	chr9:130872128-130872213
## 3157	chr9 130872174	+	A	126	chr9:130872128-130872213
## 3158	chr9 130872174	-	A	125	chr9:130872128-130872213
## 3159	chr9 130872175	+	T	126	chr9:130872128-130872213
## 3160	chr9 130872175	-	T	125	chr9:130872128-130872213
## 3161	chr9 130872176	+	G	126	chr9:130872128-130872213
## 3162	chr9 130872176	-	G	125	chr9:130872128-130872213
## 3163	chr9 130872177	+	A	126	chr9:130872128-130872213
## 3164	chr9 130872177	-	A	125	chr9:130872128-130872213
## 3165	chr9 130872178	+	A	126	chr9:130872128-130872213

## 3166	chr9 130872178	-	A	125	chr9:130872128-130872213
## 3167	chr9 130872179	+	A	126	chr9:130872128-130872213
## 3168	chr9 130872179	-	A	125	chr9:130872128-130872213
## 3169	chr9 130872180	+	G	126	chr9:130872128-130872213
## 3170	chr9 130872180	-	G	125	chr9:130872128-130872213
## 3171	chr9 130872181	+	A	126	chr9:130872128-130872213
## 3172	chr9 130872181	-	A	125	chr9:130872128-130872213
## 3173	chr9 130872182	+	G	127	chr9:130872128-130872213
## 3174	chr9 130872182	-	G	124	chr9:130872128-130872213
## 3175	chr9 130872183	+	A	127	chr9:130872128-130872213
## 3176	chr9 130872183	-	A	124	chr9:130872128-130872213
## 3177	chr9 130872184	+	T	127	chr9:130872128-130872213
## 3178	chr9 130872184	-	T	124	chr9:130872128-130872213
## 3179	chr9 130872185	+	C	127	chr9:130872128-130872213
## 3180	chr9 130872185	-	C	123	chr9:130872128-130872213
## 3181	chr9 130872186	+	A	127	chr9:130872128-130872213
## 3182	chr9 130872186	-	A	123	chr9:130872128-130872213
## 3183	chr9 130872187	+	A	127	chr9:130872128-130872213
## 3184	chr9 130872187	-	A	123	chr9:130872128-130872213
## 3185	chr9 130872188	+	A	127	chr9:130872128-130872213
## 3186	chr9 130872188	-	A	123	chr9:130872128-130872213
## 3187	chr9 130872189	+	C	127	chr9:130872128-130872213
## 3188	chr9 130872189	-	C	123	chr9:130872128-130872213
## 3189	chr9 130872190	+	A	126	chr9:130872128-130872213
## 3190	chr9 130872190	-	A	123	chr9:130872128-130872213
## 3191	chr9 130872190	+	T	1	chr9:130872128-130872213
## 3192	chr9 130872191	+	C	126	chr9:130872128-130872213
## 3193	chr9 130872191	-	C	124	chr9:130872128-130872213
## 3194	chr9 130872192	+	C	126	chr9:130872128-130872213
## 3195	chr9 130872192	-	C	124	chr9:130872128-130872213
## 3196	chr9 130872193	+	C	126	chr9:130872128-130872213
## 3197	chr9 130872193	-	C	124	chr9:130872128-130872213
## 3198	chr9 130872194	+	T	126	chr9:130872128-130872213
## 3199	chr9 130872194	-	T	124	chr9:130872128-130872213
## 3200	chr9 130872195	+	A	126	chr9:130872128-130872213
## 3201	chr9 130872195	-	A	124	chr9:130872128-130872213
## 3202	chr9 130872196	+	A	126	chr9:130872128-130872213
## 3203	chr9 130872196	-	A	124	chr9:130872128-130872213
## 3204	chr9 130872197	+	C	126	chr9:130872128-130872213
## 3205	chr9 130872197	-	C	124	chr9:130872128-130872213
## 3206	chr9 130872198	+	C	126	chr9:130872128-130872213
## 3207	chr9 130872198	-	C	124	chr9:130872128-130872213
## 3208	chr9 130872199	+	T	126	chr9:130872128-130872213
## 3209	chr9 130872199	-	T	124	chr9:130872128-130872213
## 3210	chr9 130872200	+	G	125	chr9:130872128-130872213
## 3211	chr9 130872200	-	G	125	chr9:130872128-130872213
## 3212	chr9 130872201	+	G	125	chr9:130872128-130872213
## 3213	chr9 130872201	-	G	124	chr9:130872128-130872213
## 3214	chr9 130872202	+	T	126	chr9:130872128-130872213
## 3215	chr9 130872202	-	T	124	chr9:130872128-130872213
## 3216	chr9 130872203	+	G	125	chr9:130872128-130872213
## 3217	chr9 130872203	-	G	125	chr9:130872128-130872213
## 3218	chr9 130872204	-	A	3	chr9:130872128-130872213
## 3219	chr9 130872204	+	C	125	chr9:130872128-130872213

## 3220	chr9 130872204	-	C	122	chr9:130872128-130872213
## 3221	chr9 130872205	+	A	124	chr9:130872128-130872213
## 3222	chr9 130872205	-	A	125	chr9:130872128-130872213
## 3223	chr9 130872206	+	G	125	chr9:130872128-130872213
## 3224	chr9 130872206	-	G	125	chr9:130872128-130872213
## 3225	chr9 130872207	+	C	123	chr9:130872128-130872213
## 3226	chr9 130872207	-	C	119	chr9:130872128-130872213
## 3227	chr9 130872208	+	T	117	chr9:130872128-130872213
## 3228	chr9 130872208	-	T	100	chr9:130872128-130872213
## 3229	chr9 130872209	+	C	108	chr9:130872128-130872213
## 3230	chr9 130872209	-	C	101	chr9:130872128-130872213
## 3231	chr9 130872210	+	C	106	chr9:130872128-130872213
## 3232	chr9 130872210	-	C	88	chr9:130872128-130872213
## 3233	chr9 130872211	+	T	104	chr9:130872128-130872213
## 3234	chr9 130872211	-	T	99	chr9:130872128-130872213
## 3235	chr9 130872212	+	T	97	chr9:130872128-130872213
## 3236	chr9 130872212	-	T	92	chr9:130872128-130872213
## 3237	chr9 130872213	+	G	90	chr9:130872128-130872213
## 3238	chr9 130872213	-	G	94	chr9:130872128-130872213
## 3239	chr9 130872859	+	G	253	chr9:130872859-130873037
## 3240	chr9 130872859	-	G	56	chr9:130872859-130873037
## 3241	chr9 130872860	+	G	231	chr9:130872859-130873037
## 3242	chr9 130872860	-	G	54	chr9:130872859-130873037
## 3243	chr9 130872861	+	G	205	chr9:130872859-130873037
## 3244	chr9 130872861	-	G	51	chr9:130872859-130873037
## 3245	chr9 130872862	+	C	1	chr9:130872859-130873037
## 3246	chr9 130872862	+	G	197	chr9:130872859-130873037
## 3247	chr9 130872862	-	G	50	chr9:130872859-130873037
## 3248	chr9 130872863	+	C	1	chr9:130872859-130873037
## 3249	chr9 130872863	-	G	2	chr9:130872859-130873037
## 3250	chr9 130872863	+	T	194	chr9:130872859-130873037
## 3251	chr9 130872863	-	T	43	chr9:130872859-130873037
## 3252	chr9 130872864	+	C	186	chr9:130872859-130873037
## 3253	chr9 130872864	-	C	49	chr9:130872859-130873037
## 3254	chr9 130872865	+	T	194	chr9:130872859-130873037
## 3255	chr9 130872865	-	T	46	chr9:130872859-130873037
## 3256	chr9 130872866	+	G	197	chr9:130872859-130873037
## 3257	chr9 130872866	-	G	41	chr9:130872859-130873037
## 3258	chr9 130872867	+	C	202	chr9:130872859-130873037
## 3259	chr9 130872867	-	C	45	chr9:130872859-130873037
## 3260	chr9 130872868	+	A	203	chr9:130872859-130873037
## 3261	chr9 130872868	-	A	45	chr9:130872859-130873037
## 3262	chr9 130872869	+	C	201	chr9:130872859-130873037
## 3263	chr9 130872869	-	C	45	chr9:130872859-130873037
## 3264	chr9 130872870	+	C	193	chr9:130872859-130873037
## 3265	chr9 130872870	-	C	46	chr9:130872859-130873037
## 3266	chr9 130872871	+	C	190	chr9:130872859-130873037
## 3267	chr9 130872871	-	C	47	chr9:130872859-130873037
## 3268	chr9 130872872	+	A	1	chr9:130872859-130873037
## 3269	chr9 130872872	+	G	188	chr9:130872859-130873037
## 3270	chr9 130872872	-	G	37	chr9:130872859-130873037
## 3271	chr9 130872873	+	A	1	chr9:130872859-130873037
## 3272	chr9 130872873	+	G	193	chr9:130872859-130873037
## 3273	chr9 130872873	-	G	35	chr9:130872859-130873037

## 3274	chr9 130872874	+	G	184	chr9:130872859-130873037
## 3275	chr9 130872874	-	G	40	chr9:130872859-130873037
## 3276	chr9 130872875	+	A	172	chr9:130872859-130873037
## 3277	chr9 130872875	-	A	48	chr9:130872859-130873037
## 3278	chr9 130872875	+	C	1	chr9:130872859-130873037
## 3279	chr9 130872876	+	G	167	chr9:130872859-130873037
## 3280	chr9 130872876	-	G	58	chr9:130872859-130873037
## 3281	chr9 130872877	+	C	178	chr9:130872859-130873037
## 3282	chr9 130872877	-	C	71	chr9:130872859-130873037
## 3283	chr9 130872878	+	C	179	chr9:130872859-130873037
## 3284	chr9 130872878	-	C	71	chr9:130872859-130873037
## 3285	chr9 130872879	+	C	179	chr9:130872859-130873037
## 3286	chr9 130872879	-	C	71	chr9:130872859-130873037
## 3287	chr9 130872880	+	C	179	chr9:130872859-130873037
## 3288	chr9 130872880	-	C	71	chr9:130872859-130873037
## 3289	chr9 130872881	+	C	177	chr9:130872859-130873037
## 3290	chr9 130872881	-	C	71	chr9:130872859-130873037
## 3291	chr9 130872881	+	T	2	chr9:130872859-130873037
## 3292	chr9 130872882	+	G	179	chr9:130872859-130873037
## 3293	chr9 130872882	-	G	71	chr9:130872859-130873037
## 3294	chr9 130872883	+	A	1	chr9:130872859-130873037
## 3295	chr9 130872883	+	T	177	chr9:130872859-130873037
## 3296	chr9 130872883	-	T	71	chr9:130872859-130873037
## 3297	chr9 130872884	+	T	180	chr9:130872859-130873037
## 3298	chr9 130872884	-	T	71	chr9:130872859-130873037
## 3299	chr9 130872885	+	A	2	chr9:130872859-130873037
## 3300	chr9 130872885	+	C	178	chr9:130872859-130873037
## 3301	chr9 130872885	-	C	71	chr9:130872859-130873037
## 3302	chr9 130872886	+	T	180	chr9:130872859-130873037
## 3303	chr9 130872886	-	T	71	chr9:130872859-130873037
## 3304	chr9 130872887	+	A	180	chr9:130872859-130873037
## 3305	chr9 130872887	-	A	71	chr9:130872859-130873037
## 3306	chr9 130872888	+	T	180	chr9:130872859-130873037
## 3307	chr9 130872888	-	T	71	chr9:130872859-130873037
## 3308	chr9 130872889	+	A	180	chr9:130872859-130873037
## 3309	chr9 130872889	-	A	71	chr9:130872859-130873037
## 3310	chr9 130872890	+	T	181	chr9:130872859-130873037
## 3311	chr9 130872890	-	T	71	chr9:130872859-130873037
## 3312	chr9 130872891	+	C	181	chr9:130872859-130873037
## 3313	chr9 130872891	-	C	71	chr9:130872859-130873037
## 3314	chr9 130872892	+	A	181	chr9:130872859-130873037
## 3315	chr9 130872892	-	A	71	chr9:130872859-130873037
## 3316	chr9 130872893	+	T	181	chr9:130872859-130873037
## 3317	chr9 130872893	-	T	71	chr9:130872859-130873037
## 3318	chr9 130872894	+	C	181	chr9:130872859-130873037
## 3319	chr9 130872894	-	C	71	chr9:130872859-130873037
## 3320	chr9 130872895	+	A	181	chr9:130872859-130873037
## 3321	chr9 130872895	-	A	71	chr9:130872859-130873037
## 3322	chr9 130872896	+	C	180	chr9:130872859-130873037
## 3323	chr9 130872896	-	C	71	chr9:130872859-130873037
## 3324	chr9 130872897	+	T	180	chr9:130872859-130873037
## 3325	chr9 130872897	-	T	71	chr9:130872859-130873037
## 3326	chr9 130872898	+	G	180	chr9:130872859-130873037
## 3327	chr9 130872898	-	G	71	chr9:130872859-130873037

## 3328	chr9 130872899	+	A	180	chr9:130872859-130873037
## 3329	chr9 130872899	-	A	71	chr9:130872859-130873037
## 3330	chr9 130872900	+	G	180	chr9:130872859-130873037
## 3331	chr9 130872900	-	G	71	chr9:130872859-130873037
## 3332	chr9 130872901	+	T	180	chr9:130872859-130873037
## 3333	chr9 130872901	-	T	71	chr9:130872859-130873037
## 3334	chr9 130872902	+	T	180	chr9:130872859-130873037
## 3335	chr9 130872902	-	T	71	chr9:130872859-130873037
## 3336	chr9 130872903	+	C	180	chr9:130872859-130873037
## 3337	chr9 130872903	-	C	71	chr9:130872859-130873037
## 3338	chr9 130872904	+	A	180	chr9:130872859-130873037
## 3339	chr9 130872904	-	A	71	chr9:130872859-130873037
## 3340	chr9 130872905	+	T	181	chr9:130872859-130873037
## 3341	chr9 130872905	-	T	70	chr9:130872859-130873037
## 3342	chr9 130872906	+	G	181	chr9:130872859-130873037
## 3343	chr9 130872906	-	G	70	chr9:130872859-130873037
## 3344	chr9 130872907	+	A	181	chr9:130872859-130873037
## 3345	chr9 130872907	-	A	70	chr9:130872859-130873037
## 3346	chr9 130872908	+	C	181	chr9:130872859-130873037
## 3347	chr9 130872908	-	C	70	chr9:130872859-130873037
## 3348	chr9 130872909	+	C	181	chr9:130872859-130873037
## 3349	chr9 130872909	-	C	70	chr9:130872859-130873037
## 3350	chr9 130872910	+	T	181	chr9:130872859-130873037
## 3351	chr9 130872910	-	T	70	chr9:130872859-130873037
## 3352	chr9 130872911	+	A	181	chr9:130872859-130873037
## 3353	chr9 130872911	-	A	69	chr9:130872859-130873037
## 3354	chr9 130872911	-	C	1	chr9:130872859-130873037
## 3355	chr9 130872912	+	C	181	chr9:130872859-130873037
## 3356	chr9 130872912	-	C	70	chr9:130872859-130873037
## 3357	chr9 130872913	+	G	181	chr9:130872859-130873037
## 3358	chr9 130872913	-	G	69	chr9:130872859-130873037
## 3359	chr9 130872914	+	G	181	chr9:130872859-130873037
## 3360	chr9 130872914	-	G	69	chr9:130872859-130873037
## 3361	chr9 130872915	+	G	181	chr9:130872859-130873037
## 3362	chr9 130872915	-	G	69	chr9:130872859-130873037
## 3363	chr9 130872916	+	A	181	chr9:130872859-130873037
## 3364	chr9 130872916	-	A	69	chr9:130872859-130873037
## 3365	chr9 130872917	+	A	181	chr9:130872859-130873037
## 3366	chr9 130872917	-	A	69	chr9:130872859-130873037
## 3367	chr9 130872918	+	C	181	chr9:130872859-130873037
## 3368	chr9 130872918	-	C	69	chr9:130872859-130873037
## 3369	chr9 130872919	+	C	181	chr9:130872859-130873037
## 3370	chr9 130872919	-	C	69	chr9:130872859-130873037
## 3371	chr9 130872920	+	T	181	chr9:130872859-130873037
## 3372	chr9 130872920	-	T	69	chr9:130872859-130873037
## 3373	chr9 130872921	+	C	181	chr9:130872859-130873037
## 3374	chr9 130872921	-	C	69	chr9:130872859-130873037
## 3375	chr9 130872922	+	C	182	chr9:130872859-130873037
## 3376	chr9 130872922	-	C	69	chr9:130872859-130873037
## 3377	chr9 130872923	+	T	182	chr9:130872859-130873037
## 3378	chr9 130872923	-	T	69	chr9:130872859-130873037
## 3379	chr9 130872924	+	G	182	chr9:130872859-130873037
## 3380	chr9 130872924	-	G	69	chr9:130872859-130873037
## 3381	chr9 130872925	+	G	182	chr9:130872859-130873037

## 3382	chr9 130872925	-	G	69	chr9:130872859-130873037
## 3383	chr9 130872926	+	A	181	chr9:130872859-130873037
## 3384	chr9 130872926	-	A	69	chr9:130872859-130873037
## 3385	chr9 130872926	+	C	1	chr9:130872859-130873037
## 3386	chr9 130872927	+	C	182	chr9:130872859-130873037
## 3387	chr9 130872927	-	C	69	chr9:130872859-130873037
## 3388	chr9 130872928	+	T	182	chr9:130872859-130873037
## 3389	chr9 130872928	-	T	69	chr9:130872859-130873037
## 3390	chr9 130872929	+	A	182	chr9:130872859-130873037
## 3391	chr9 130872929	-	A	69	chr9:130872859-130873037
## 3392	chr9 130872930	+	C	182	chr9:130872859-130873037
## 3393	chr9 130872930	-	C	69	chr9:130872859-130873037
## 3394	chr9 130872931	+	C	182	chr9:130872859-130873037
## 3395	chr9 130872931	-	C	69	chr9:130872859-130873037
## 3396	chr9 130872932	+	T	182	chr9:130872859-130873037
## 3397	chr9 130872932	-	T	69	chr9:130872859-130873037
## 3398	chr9 130872933	+	G	182	chr9:130872859-130873037
## 3399	chr9 130872933	-	G	69	chr9:130872859-130873037
## 3400	chr9 130872934	+	A	182	chr9:130872859-130873037
## 3401	chr9 130872934	-	A	69	chr9:130872859-130873037
## 3402	chr9 130872935	+	G	182	chr9:130872859-130873037
## 3403	chr9 130872935	-	G	69	chr9:130872859-130873037
## 3404	chr9 130872936	+	G	182	chr9:130872859-130873037
## 3405	chr9 130872936	-	G	68	chr9:130872859-130873037
## 3406	chr9 130872936	-	T	1	chr9:130872859-130873037
## 3407	chr9 130872937	-	A	3	chr9:130872859-130873037
## 3408	chr9 130872937	+	G	182	chr9:130872859-130873037
## 3409	chr9 130872937	-	G	66	chr9:130872859-130873037
## 3410	chr9 130872938	+	A	179	chr9:130872859-130873037
## 3411	chr9 130872938	-	A	69	chr9:130872859-130873037
## 3412	chr9 130872938	+	T	1	chr9:130872859-130873037
## 3413	chr9 130872939	+	G	176	chr9:130872859-130873037
## 3414	chr9 130872939	-	G	64	chr9:130872859-130873037
## 3415	chr9 130872940	+	C	1	chr9:130872859-130873037
## 3416	chr9 130872940	+	T	169	chr9:130872859-130873037
## 3417	chr9 130872940	-	T	64	chr9:130872859-130873037
## 3418	chr9 130872941	-	A	2	chr9:130872859-130873037
## 3419	chr9 130872941	+	G	169	chr9:130872859-130873037
## 3420	chr9 130872941	-	G	68	chr9:130872859-130873037
## 3421	chr9 130872942	+	C	172	chr9:130872859-130873037
## 3422	chr9 130872942	-	C	66	chr9:130872859-130873037
## 3423	chr9 130872943	+	A	172	chr9:130872859-130873037
## 3424	chr9 130872943	-	A	75	chr9:130872859-130873037
## 3425	chr9 130872944	+	A	170	chr9:130872859-130873037
## 3426	chr9 130872944	-	A	78	chr9:130872859-130873037
## 3427	chr9 130872945	+	C	171	chr9:130872859-130873037
## 3428	chr9 130872945	-	C	75	chr9:130872859-130873037
## 3429	chr9 130872946	+	C	163	chr9:130872859-130873037
## 3430	chr9 130872946	-	C	75	chr9:130872859-130873037
## 3431	chr9 130872947	+	G	157	chr9:130872859-130873037
## 3432	chr9 130872947	-	G	80	chr9:130872859-130873037
## 3433	chr9 130872948	+	G	141	chr9:130872859-130873037
## 3434	chr9 130872948	-	G	89	chr9:130872859-130873037
## 3435	chr9 130872949	+	C	141	chr9:130872859-130873037

## 3436	chr9 130872949	-	C	100	chr9:130872859-130873037
## 3437	chr9 130872950	+	A	140	chr9:130872859-130873037
## 3438	chr9 130872950	-	A	94	chr9:130872859-130873037
## 3439	chr9 130872951	+	G	128	chr9:130872859-130873037
## 3440	chr9 130872951	-	G	92	chr9:130872859-130873037
## 3441	chr9 130872952	+	G	118	chr9:130872859-130873037
## 3442	chr9 130872952	-	G	82	chr9:130872859-130873037
## 3443	chr9 130872953	+	A	118	chr9:130872859-130873037
## 3444	chr9 130872953	-	A	95	chr9:130872859-130873037
## 3445	chr9 130872953	+	T	1	chr9:130872859-130873037
## 3446	chr9 130872954	+	G	120	chr9:130872859-130873037
## 3447	chr9 130872954	-	G	110	chr9:130872859-130873037
## 3448	chr9 130872955	+	G	122	chr9:130872859-130873037
## 3449	chr9 130872955	-	G	123	chr9:130872859-130873037
## 3450	chr9 130872956	+	T	121	chr9:130872859-130873037
## 3451	chr9 130872956	-	T	128	chr9:130872859-130873037
## 3452	chr9 130872957	+	G	121	chr9:130872859-130873037
## 3453	chr9 130872957	-	G	129	chr9:130872859-130873037
## 3454	chr9 130872958	+	A	121	chr9:130872859-130873037
## 3455	chr9 130872958	-	A	129	chr9:130872859-130873037
## 3456	chr9 130872959	+	A	120	chr9:130872859-130873037
## 3457	chr9 130872959	-	A	129	chr9:130872859-130873037
## 3458	chr9 130872960	+	C	119	chr9:130872859-130873037
## 3459	chr9 130872960	-	C	131	chr9:130872859-130873037
## 3460	chr9 130872961	+	G	119	chr9:130872859-130873037
## 3461	chr9 130872961	-	G	131	chr9:130872859-130873037
## 3462	chr9 130872962	+	C	118	chr9:130872859-130873037
## 3463	chr9 130872962	-	C	132	chr9:130872859-130873037
## 3464	chr9 130872963	+	C	118	chr9:130872859-130873037
## 3465	chr9 130872963	-	C	132	chr9:130872859-130873037
## 3466	chr9 130872964	+	G	118	chr9:130872859-130873037
## 3467	chr9 130872964	-	G	132	chr9:130872859-130873037
## 3468	chr9 130872965	-	G	1	chr9:130872859-130873037
## 3469	chr9 130872965	+	T	118	chr9:130872859-130873037
## 3470	chr9 130872965	-	T	131	chr9:130872859-130873037
## 3471	chr9 130872966	+	G	118	chr9:130872859-130873037
## 3472	chr9 130872966	-	G	132	chr9:130872859-130873037
## 3473	chr9 130872967	+	G	116	chr9:130872859-130873037
## 3474	chr9 130872967	-	G	133	chr9:130872859-130873037
## 3475	chr9 130872968	+	T	117	chr9:130872859-130873037
## 3476	chr9 130872968	-	T	133	chr9:130872859-130873037
## 3477	chr9 130872969	+	G	117	chr9:130872859-130873037
## 3478	chr9 130872969	-	G	133	chr9:130872859-130873037
## 3479	chr9 130872970	+	C	117	chr9:130872859-130873037
## 3480	chr9 130872970	-	C	133	chr9:130872859-130873037
## 3481	chr9 130872971	+	T	117	chr9:130872859-130873037
## 3482	chr9 130872971	-	T	133	chr9:130872859-130873037
## 3483	chr9 130872972	+	G	116	chr9:130872859-130873037
## 3484	chr9 130872972	-	G	133	chr9:130872859-130873037
## 3485	chr9 130872973	+	C	116	chr9:130872859-130873037
## 3486	chr9 130872973	-	C	134	chr9:130872859-130873037
## 3487	chr9 130872974	+	T	115	chr9:130872859-130873037
## 3488	chr9 130872974	-	T	135	chr9:130872859-130873037
## 3489	chr9 130872975	+	G	114	chr9:130872859-130873037

## 3490	chr9 130872975	-	G 136	chr9:130872859-130873037
## 3491	chr9 130872976	+	T 114	chr9:130872859-130873037
## 3492	chr9 130872976	-	T 136	chr9:130872859-130873037
## 3493	chr9 130872977	+	A 114	chr9:130872859-130873037
## 3494	chr9 130872977	-	A 136	chr9:130872859-130873037
## 3495	chr9 130872978	+	C 113	chr9:130872859-130873037
## 3496	chr9 130872978	-	C 136	chr9:130872859-130873037
## 3497	chr9 130872979	+	A 114	chr9:130872859-130873037
## 3498	chr9 130872979	-	A 136	chr9:130872859-130873037
## 3499	chr9 130872980	+	T 115	chr9:130872859-130873037
## 3500	chr9 130872980	-	T 136	chr9:130872859-130873037
## 3501	chr9 130872981	+	A 1	chr9:130872859-130873037
## 3502	chr9 130872981	+	G 114	chr9:130872859-130873037
## 3503	chr9 130872981	-	G 136	chr9:130872859-130873037
## 3504	chr9 130872982	+	G 115	chr9:130872859-130873037
## 3505	chr9 130872982	-	G 136	chr9:130872859-130873037
## 3506	chr9 130872983	+	C 115	chr9:130872859-130873037
## 3507	chr9 130872983	-	C 135	chr9:130872859-130873037
## 3508	chr9 130872983	-	G 2	chr9:130872859-130873037
## 3509	chr9 130872984	+	C 114	chr9:130872859-130873037
## 3510	chr9 130872984	-	C 138	chr9:130872859-130873037
## 3511	chr9 130872985	+	A 114	chr9:130872859-130873037
## 3512	chr9 130872985	-	A 138	chr9:130872859-130873037
## 3513	chr9 130872986	+	C 114	chr9:130872859-130873037
## 3514	chr9 130872986	-	C 138	chr9:130872859-130873037
## 3515	chr9 130872987	+	T 113	chr9:130872859-130873037
## 3516	chr9 130872987	-	T 139	chr9:130872859-130873037
## 3517	chr9 130872988	+	C 113	chr9:130872859-130873037
## 3518	chr9 130872988	-	C 139	chr9:130872859-130873037
## 3519	chr9 130872989	+	A 113	chr9:130872859-130873037
## 3520	chr9 130872989	-	A 139	chr9:130872859-130873037
## 3521	chr9 130872990	+	G 113	chr9:130872859-130873037
## 3522	chr9 130872990	-	G 139	chr9:130872859-130873037
## 3523	chr9 130872991	+	A 112	chr9:130872859-130873037
## 3524	chr9 130872991	-	A 139	chr9:130872859-130873037
## 3525	chr9 130872991	+	C 1	chr9:130872859-130873037
## 3526	chr9 130872992	+	T 114	chr9:130872859-130873037
## 3527	chr9 130872992	-	T 139	chr9:130872859-130873037
## 3528	chr9 130872993	+	C 113	chr9:130872859-130873037
## 3529	chr9 130872993	-	C 140	chr9:130872859-130873037
## 3530	chr9 130872994	+	G 1	chr9:130872859-130873037
## 3531	chr9 130872994	+	T 112	chr9:130872859-130873037
## 3532	chr9 130872994	-	T 140	chr9:130872859-130873037
## 3533	chr9 130872995	+	C 113	chr9:130872859-130873037
## 3534	chr9 130872995	-	C 140	chr9:130872859-130873037
## 3535	chr9 130872996	+	G 113	chr9:130872859-130873037
## 3536	chr9 130872996	-	G 140	chr9:130872859-130873037
## 3537	chr9 130872997	+	T 113	chr9:130872859-130873037
## 3538	chr9 130872997	-	T 140	chr9:130872859-130873037
## 3539	chr9 130872998	+	C 113	chr9:130872859-130873037
## 3540	chr9 130872998	-	C 140	chr9:130872859-130873037
## 3541	chr9 130872999	+	A 112	chr9:130872859-130873037
## 3542	chr9 130872999	-	A 141	chr9:130872859-130873037
## 3543	chr9 130873000	+	G 112	chr9:130872859-130873037

## 3544	chr9 130873000	-	G 141	chr9:130872859-130873037
## 3545	chr9 130873001	+	C 111	chr9:130872859-130873037
## 3546	chr9 130873001	-	C 142	chr9:130872859-130873037
## 3547	chr9 130873002	+	C 110	chr9:130872859-130873037
## 3548	chr9 130873002	-	C 142	chr9:130872859-130873037
## 3549	chr9 130873002	-	T 1	chr9:130872859-130873037
## 3550	chr9 130873003	+	A 110	chr9:130872859-130873037
## 3551	chr9 130873003	-	A 143	chr9:130872859-130873037
## 3552	chr9 130873004	+	T 110	chr9:130872859-130873037
## 3553	chr9 130873004	-	T 143	chr9:130872859-130873037
## 3554	chr9 130873005	+	G 109	chr9:130872859-130873037
## 3555	chr9 130873005	-	G 144	chr9:130872859-130873037
## 3556	chr9 130873006	+	G 108	chr9:130872859-130873037
## 3557	chr9 130873006	-	G 143	chr9:130872859-130873037
## 3558	chr9 130873006	+	T 1	chr9:130872859-130873037
## 3559	chr9 130873006	-	T 1	chr9:130872859-130873037
## 3560	chr9 130873007	+	A 108	chr9:130872859-130873037
## 3561	chr9 130873007	-	A 143	chr9:130872859-130873037
## 3562	chr9 130873007	+	G 1	chr9:130872859-130873037
## 3563	chr9 130873007	-	G 1	chr9:130872859-130873037
## 3564	chr9 130873008	+	G 109	chr9:130872859-130873037
## 3565	chr9 130873008	-	G 144	chr9:130872859-130873037
## 3566	chr9 130873009	+	T 109	chr9:130872859-130873037
## 3567	chr9 130873009	-	T 144	chr9:130872859-130873037
## 3568	chr9 130873010	+	A 109	chr9:130872859-130873037
## 3569	chr9 130873010	-	A 144	chr9:130872859-130873037
## 3570	chr9 130873011	+	C 108	chr9:130872859-130873037
## 3571	chr9 130873011	-	C 145	chr9:130872859-130873037
## 3572	chr9 130873012	+	C 108	chr9:130872859-130873037
## 3573	chr9 130873012	-	C 145	chr9:130872859-130873037
## 3574	chr9 130873013	+	T 108	chr9:130872859-130873037
## 3575	chr9 130873013	-	T 145	chr9:130872859-130873037
## 3576	chr9 130873014	+	G 105	chr9:130872859-130873037
## 3577	chr9 130873014	-	G 146	chr9:130872859-130873037
## 3578	chr9 130873015	+	G 98	chr9:130872859-130873037
## 3579	chr9 130873015	-	G 145	chr9:130872859-130873037
## 3580	chr9 130873016	+	A 94	chr9:130872859-130873037
## 3581	chr9 130873016	-	A 142	chr9:130872859-130873037
## 3582	chr9 130873017	+	G 83	chr9:130872859-130873037
## 3583	chr9 130873017	-	G 145	chr9:130872859-130873037
## 3584	chr9 130873018	+	A 80	chr9:130872859-130873037
## 3585	chr9 130873018	-	A 138	chr9:130872859-130873037
## 3586	chr9 130873019	+	A 80	chr9:130872859-130873037
## 3587	chr9 130873019	-	A 135	chr9:130872859-130873037
## 3588	chr9 130873020	+	G 78	chr9:130872859-130873037
## 3589	chr9 130873020	-	G 140	chr9:130872859-130873037
## 3590	chr9 130873021	+	A 74	chr9:130872859-130873037
## 3591	chr9 130873021	-	A 139	chr9:130872859-130873037
## 3592	chr9 130873022	+	A 66	chr9:130872859-130873037
## 3593	chr9 130873022	-	A 137	chr9:130872859-130873037
## 3594	chr9 130873023	+	A 70	chr9:130872859-130873037
## 3595	chr9 130873023	-	A 130	chr9:130872859-130873037
## 3596	chr9 130873024	+	A 69	chr9:130872859-130873037
## 3597	chr9 130873024	-	A 116	chr9:130872859-130873037

## 3598	chr9 130873025	+	A	66	chr9:130872859-130873037
## 3599	chr9 130873025	-	A	112	chr9:130872859-130873037
## 3600	chr9 130873025	+	G	1	chr9:130872859-130873037
## 3601	chr9 130873026	+	C	66	chr9:130872859-130873037
## 3602	chr9 130873026	-	C	111	chr9:130872859-130873037
## 3603	chr9 130873027	+	T	66	chr9:130872859-130873037
## 3604	chr9 130873027	-	T	110	chr9:130872859-130873037
## 3605	chr9 130873028	+	T	63	chr9:130872859-130873037
## 3606	chr9 130873028	-	T	98	chr9:130872859-130873037
## 3607	chr9 130873029	+	C	61	chr9:130872859-130873037
## 3608	chr9 130873029	-	C	84	chr9:130872859-130873037
## 3609	chr9 130873030	+	A	58	chr9:130872859-130873037
## 3610	chr9 130873030	-	A	77	chr9:130872859-130873037
## 3611	chr9 130873031	+	T	58	chr9:130872859-130873037
## 3612	chr9 130873031	-	T	76	chr9:130872859-130873037
## 3613	chr9 130873032	+	C	57	chr9:130872859-130873037
## 3614	chr9 130873032	-	C	77	chr9:130872859-130873037
## 3615	chr9 130873033	+	C	56	chr9:130872859-130873037
## 3616	chr9 130873033	-	C	83	chr9:130872859-130873037
## 3617	chr9 130873034	+	A	55	chr9:130872859-130873037
## 3618	chr9 130873034	-	A	91	chr9:130872859-130873037
## 3619	chr9 130873035	+	C	55	chr9:130872859-130873037
## 3620	chr9 130873035	-	C	96	chr9:130872859-130873037
## 3621	chr9 130873036	+	A	54	chr9:130872859-130873037
## 3622	chr9 130873036	-	A	102	chr9:130872859-130873037
## 3623	chr9 130873037	+	G	54	chr9:130872859-130873037
## 3624	chr9 130873037	-	G	107	chr9:130872859-130873037
## 3625	chr9 130874867	+	C	1	chr9:130874867-130875052
## 3626	chr9 130874867	+	G	258	chr9:130874867-130875052
## 3627	chr9 130874867	-	G	40	chr9:130874867-130875052
## 3628	chr9 130874868	+	A	258	chr9:130874867-130875052
## 3629	chr9 130874868	-	A	40	chr9:130874867-130875052
## 3630	chr9 130874869	+	G	250	chr9:130874867-130875052
## 3631	chr9 130874869	-	G	40	chr9:130874867-130875052
## 3632	chr9 130874870	+	A	244	chr9:130874867-130875052
## 3633	chr9 130874870	-	A	40	chr9:130874867-130875052
## 3634	chr9 130874871	+	T	241	chr9:130874867-130875052
## 3635	chr9 130874871	-	T	38	chr9:130874867-130875052
## 3636	chr9 130874872	+	C	236	chr9:130874867-130875052
## 3637	chr9 130874872	-	C	37	chr9:130874867-130875052
## 3638	chr9 130874873	+	T	232	chr9:130874867-130875052
## 3639	chr9 130874873	-	T	35	chr9:130874867-130875052
## 3640	chr9 130874874	+	T	232	chr9:130874867-130875052
## 3641	chr9 130874874	-	T	34	chr9:130874867-130875052
## 3642	chr9 130874875	+	G	222	chr9:130874867-130875052
## 3643	chr9 130874875	-	G	34	chr9:130874867-130875052
## 3644	chr9 130874876	+	C	217	chr9:130874867-130875052
## 3645	chr9 130874876	-	C	33	chr9:130874867-130875052
## 3646	chr9 130874877	+	T	205	chr9:130874867-130875052
## 3647	chr9 130874877	-	T	30	chr9:130874867-130875052
## 3648	chr9 130874878	+	G	206	chr9:130874867-130875052
## 3649	chr9 130874878	-	G	31	chr9:130874867-130875052
## 3650	chr9 130874879	+	C	207	chr9:130874867-130875052
## 3651	chr9 130874879	-	C	32	chr9:130874867-130875052

## 3652	chr9 130874880	+	A	1	chr9:130874867-130875052
## 3653	chr9 130874880	+	C	205	chr9:130874867-130875052
## 3654	chr9 130874880	-	C	31	chr9:130874867-130875052
## 3655	chr9 130874881	+	A	1	chr9:130874867-130875052
## 3656	chr9 130874881	+	C	208	chr9:130874867-130875052
## 3657	chr9 130874881	-	C	32	chr9:130874867-130875052
## 3658	chr9 130874882	+	G	206	chr9:130874867-130875052
## 3659	chr9 130874882	-	G	31	chr9:130874867-130875052
## 3660	chr9 130874883	+	A	204	chr9:130874867-130875052
## 3661	chr9 130874883	-	A	33	chr9:130874867-130875052
## 3662	chr9 130874884	+	A	202	chr9:130874867-130875052
## 3663	chr9 130874884	-	A	37	chr9:130874867-130875052
## 3664	chr9 130874885	+	A	210	chr9:130874867-130875052
## 3665	chr9 130874885	-	A	37	chr9:130874867-130875052
## 3666	chr9 130874886	+	C	198	chr9:130874867-130875052
## 3667	chr9 130874886	-	C	36	chr9:130874867-130875052
## 3668	chr9 130874887	+	T	209	chr9:130874867-130875052
## 3669	chr9 130874887	-	T	36	chr9:130874867-130875052
## 3670	chr9 130874888	+	G	208	chr9:130874867-130875052
## 3671	chr9 130874888	-	G	33	chr9:130874867-130875052
## 3672	chr9 130874888	+	T	1	chr9:130874867-130875052
## 3673	chr9 130874889	+	C	214	chr9:130874867-130875052
## 3674	chr9 130874889	-	C	30	chr9:130874867-130875052
## 3675	chr9 130874890	+	C	198	chr9:130874867-130875052
## 3676	chr9 130874890	-	C	33	chr9:130874867-130875052
## 3677	chr9 130874891	+	T	200	chr9:130874867-130875052
## 3678	chr9 130874891	-	T	40	chr9:130874867-130875052
## 3679	chr9 130874892	+	G	201	chr9:130874867-130875052
## 3680	chr9 130874892	-	G	36	chr9:130874867-130875052
## 3681	chr9 130874893	+	G	214	chr9:130874867-130875052
## 3682	chr9 130874893	-	G	36	chr9:130874867-130875052
## 3683	chr9 130874894	+	T	197	chr9:130874867-130875052
## 3684	chr9 130874894	-	T	36	chr9:130874867-130875052
## 3685	chr9 130874895	+	A	205	chr9:130874867-130875052
## 3686	chr9 130874895	-	A	41	chr9:130874867-130875052
## 3687	chr9 130874896	+	G	209	chr9:130874867-130875052
## 3688	chr9 130874896	-	G	41	chr9:130874867-130875052
## 3689	chr9 130874897	+	G	209	chr9:130874867-130875052
## 3690	chr9 130874897	-	G	41	chr9:130874867-130875052
## 3691	chr9 130874898	+	C	1	chr9:130874867-130875052
## 3692	chr9 130874898	+	G	208	chr9:130874867-130875052
## 3693	chr9 130874898	-	G	41	chr9:130874867-130875052
## 3694	chr9 130874899	+	G	209	chr9:130874867-130875052
## 3695	chr9 130874899	-	G	41	chr9:130874867-130875052
## 3696	chr9 130874900	+	A	209	chr9:130874867-130875052
## 3697	chr9 130874900	-	A	41	chr9:130874867-130875052
## 3698	chr9 130874901	+	G	209	chr9:130874867-130875052
## 3699	chr9 130874901	-	G	41	chr9:130874867-130875052
## 3700	chr9 130874902	+	A	208	chr9:130874867-130875052
## 3701	chr9 130874902	-	A	41	chr9:130874867-130875052
## 3702	chr9 130874902	+	C	1	chr9:130874867-130875052
## 3703	chr9 130874903	+	A	209	chr9:130874867-130875052
## 3704	chr9 130874903	-	A	41	chr9:130874867-130875052
## 3705	chr9 130874904	+	C	209	chr9:130874867-130875052

## 3706	chr9 130874904	-	C	41	chr9:130874867-130875052
## 3707	chr9 130874905	+	C	209	chr9:130874867-130875052
## 3708	chr9 130874905	-	C	41	chr9:130874867-130875052
## 3709	chr9 130874906	+	A	209	chr9:130874867-130875052
## 3710	chr9 130874906	-	A	41	chr9:130874867-130875052
## 3711	chr9 130874907	+	C	209	chr9:130874867-130875052
## 3712	chr9 130874907	-	C	41	chr9:130874867-130875052
## 3713	chr9 130874908	+	T	209	chr9:130874867-130875052
## 3714	chr9 130874908	-	T	41	chr9:130874867-130875052
## 3715	chr9 130874909	+	T	209	chr9:130874867-130875052
## 3716	chr9 130874909	-	T	41	chr9:130874867-130875052
## 3717	chr9 130874910	+	C	1	chr9:130874867-130875052
## 3718	chr9 130874910	+	G	208	chr9:130874867-130875052
## 3719	chr9 130874910	-	G	41	chr9:130874867-130875052
## 3720	chr9 130874911	+	G	209	chr9:130874867-130875052
## 3721	chr9 130874911	-	G	41	chr9:130874867-130875052
## 3722	chr9 130874912	+	T	209	chr9:130874867-130875052
## 3723	chr9 130874912	-	T	41	chr9:130874867-130875052
## 3724	chr9 130874913	+	G	210	chr9:130874867-130875052
## 3725	chr9 130874913	-	G	40	chr9:130874867-130875052
## 3726	chr9 130874914	+	A	211	chr9:130874867-130875052
## 3727	chr9 130874914	-	A	39	chr9:130874867-130875052
## 3728	chr9 130874915	+	A	210	chr9:130874867-130875052
## 3729	chr9 130874915	-	A	40	chr9:130874867-130875052
## 3730	chr9 130874916	+	G	210	chr9:130874867-130875052
## 3731	chr9 130874916	-	G	40	chr9:130874867-130875052
## 3732	chr9 130874917	+	A	1	chr9:130874867-130875052
## 3733	chr9 130874917	+	C	1	chr9:130874867-130875052
## 3734	chr9 130874917	+	G	208	chr9:130874867-130875052
## 3735	chr9 130874917	-	G	39	chr9:130874867-130875052
## 3736	chr9 130874917	-	T	1	chr9:130874867-130875052
## 3737	chr9 130874918	+	A	1	chr9:130874867-130875052
## 3738	chr9 130874918	+	T	209	chr9:130874867-130875052
## 3739	chr9 130874918	-	T	40	chr9:130874867-130875052
## 3740	chr9 130874919	+	A	210	chr9:130874867-130875052
## 3741	chr9 130874919	-	A	40	chr9:130874867-130875052
## 3742	chr9 130874920	+	G	211	chr9:130874867-130875052
## 3743	chr9 130874920	-	G	40	chr9:130874867-130875052
## 3744	chr9 130874921	+	C	211	chr9:130874867-130875052
## 3745	chr9 130874921	-	C	40	chr9:130874867-130875052
## 3746	chr9 130874922	+	T	210	chr9:130874867-130875052
## 3747	chr9 130874922	-	T	40	chr9:130874867-130875052
## 3748	chr9 130874923	+	G	211	chr9:130874867-130875052
## 3749	chr9 130874923	-	G	40	chr9:130874867-130875052
## 3750	chr9 130874924	+	A	211	chr9:130874867-130875052
## 3751	chr9 130874924	-	A	40	chr9:130874867-130875052
## 3752	chr9 130874925	+	T	211	chr9:130874867-130875052
## 3753	chr9 130874925	-	T	40	chr9:130874867-130875052
## 3754	chr9 130874926	+	T	211	chr9:130874867-130875052
## 3755	chr9 130874926	-	T	40	chr9:130874867-130875052
## 3756	chr9 130874927	+	T	211	chr9:130874867-130875052
## 3757	chr9 130874927	-	T	40	chr9:130874867-130875052
## 3758	chr9 130874928	+	T	210	chr9:130874867-130875052
## 3759	chr9 130874928	-	T	41	chr9:130874867-130875052

## 3760	chr9 130874929	+	G	210	chr9:130874867-130875052
## 3761	chr9 130874929	-	G	41	chr9:130874867-130875052
## 3762	chr9 130874930	+	G	209	chr9:130874867-130875052
## 3763	chr9 130874930	-	G	42	chr9:130874867-130875052
## 3764	chr9 130874931	+	C	208	chr9:130874867-130875052
## 3765	chr9 130874931	-	C	42	chr9:130874867-130875052
## 3766	chr9 130874932	+	C	208	chr9:130874867-130875052
## 3767	chr9 130874932	-	C	42	chr9:130874867-130875052
## 3768	chr9 130874933	+	C	2	chr9:130874867-130875052
## 3769	chr9 130874933	+	T	205	chr9:130874867-130875052
## 3770	chr9 130874933	-	T	42	chr9:130874867-130875052
## 3771	chr9 130874934	+	A	1	chr9:130874867-130875052
## 3772	chr9 130874934	+	G	207	chr9:130874867-130875052
## 3773	chr9 130874934	-	G	42	chr9:130874867-130875052
## 3774	chr9 130874935	+	A	208	chr9:130874867-130875052
## 3775	chr9 130874935	-	A	42	chr9:130874867-130875052
## 3776	chr9 130874936	+	G	207	chr9:130874867-130875052
## 3777	chr9 130874936	-	G	42	chr9:130874867-130875052
## 3778	chr9 130874937	+	C	208	chr9:130874867-130875052
## 3779	chr9 130874937	-	C	42	chr9:130874867-130875052
## 3780	chr9 130874938	+	A	207	chr9:130874867-130875052
## 3781	chr9 130874938	-	A	42	chr9:130874867-130875052
## 3782	chr9 130874939	+	G	209	chr9:130874867-130875052
## 3783	chr9 130874939	-	G	42	chr9:130874867-130875052
## 3784	chr9 130874940	+	G	209	chr9:130874867-130875052
## 3785	chr9 130874940	-	G	42	chr9:130874867-130875052
## 3786	chr9 130874941	+	T	208	chr9:130874867-130875052
## 3787	chr9 130874941	-	T	42	chr9:130874867-130875052
## 3788	chr9 130874942	+	T	208	chr9:130874867-130875052
## 3789	chr9 130874942	-	T	42	chr9:130874867-130875052
## 3790	chr9 130874943	+	G	208	chr9:130874867-130875052
## 3791	chr9 130874943	-	G	42	chr9:130874867-130875052
## 3792	chr9 130874944	+	A	208	chr9:130874867-130875052
## 3793	chr9 130874944	-	A	42	chr9:130874867-130875052
## 3794	chr9 130874945	+	T	208	chr9:130874867-130875052
## 3795	chr9 130874945	-	T	42	chr9:130874867-130875052
## 3796	chr9 130874946	+	G	207	chr9:130874867-130875052
## 3797	chr9 130874946	-	G	42	chr9:130874867-130875052
## 3798	chr9 130874947	+	A	208	chr9:130874867-130875052
## 3799	chr9 130874947	-	A	42	chr9:130874867-130875052
## 3800	chr9 130874948	+	C	208	chr9:130874867-130875052
## 3801	chr9 130874948	-	C	42	chr9:130874867-130875052
## 3802	chr9 130874949	+	A	208	chr9:130874867-130875052
## 3803	chr9 130874949	-	A	42	chr9:130874867-130875052
## 3804	chr9 130874950	+	G	208	chr9:130874867-130875052
## 3805	chr9 130874950	-	G	42	chr9:130874867-130875052
## 3806	chr9 130874951	+	C	2	chr9:130874867-130875052
## 3807	chr9 130874951	+	G	203	chr9:130874867-130875052
## 3808	chr9 130874951	-	G	41	chr9:130874867-130875052
## 3809	chr9 130874951	+	T	3	chr9:130874867-130875052
## 3810	chr9 130874951	-	T	1	chr9:130874867-130875052
## 3811	chr9 130874952	+	G	208	chr9:130874867-130875052
## 3812	chr9 130874952	-	G	42	chr9:130874867-130875052
## 3813	chr9 130874953	+	G	197	chr9:130874867-130875052

## 3814	chr9 130874953	-	G	40	chr9:130874867-130875052
## 3815	chr9 130874954	+	A	202	chr9:130874867-130875052
## 3816	chr9 130874954	-	A	37	chr9:130874867-130875052
## 3817	chr9 130874955	+	C	205	chr9:130874867-130875052
## 3818	chr9 130874955	-	C	37	chr9:130874867-130875052
## 3819	chr9 130874956	+	A	203	chr9:130874867-130875052
## 3820	chr9 130874956	-	A	33	chr9:130874867-130875052
## 3821	chr9 130874956	+	G	1	chr9:130874867-130875052
## 3822	chr9 130874957	+	C	206	chr9:130874867-130875052
## 3823	chr9 130874957	-	C	36	chr9:130874867-130875052
## 3824	chr9 130874958	+	C	210	chr9:130874867-130875052
## 3825	chr9 130874958	-	C	31	chr9:130874867-130875052
## 3826	chr9 130874958	+	T	1	chr9:130874867-130875052
## 3827	chr9 130874959	+	T	211	chr9:130874867-130875052
## 3828	chr9 130874959	-	T	27	chr9:130874867-130875052
## 3829	chr9 130874960	+	A	204	chr9:130874867-130875052
## 3830	chr9 130874960	-	A	36	chr9:130874867-130875052
## 3831	chr9 130874961	+	C	211	chr9:130874867-130875052
## 3832	chr9 130874961	-	C	36	chr9:130874867-130875052
## 3833	chr9 130874962	+	A	199	chr9:130874867-130875052
## 3834	chr9 130874962	-	A	36	chr9:130874867-130875052
## 3835	chr9 130874963	+	C	210	chr9:130874867-130875052
## 3836	chr9 130874963	-	C	36	chr9:130874867-130875052
## 3837	chr9 130874963	+	T	2	chr9:130874867-130875052
## 3838	chr9 130874964	+	A	206	chr9:130874867-130875052
## 3839	chr9 130874964	-	A	36	chr9:130874867-130875052
## 3840	chr9 130874965	+	G	212	chr9:130874867-130875052
## 3841	chr9 130874965	-	G	32	chr9:130874867-130875052
## 3842	chr9 130874966	+	C	214	chr9:130874867-130875052
## 3843	chr9 130874966	-	C	20	chr9:130874867-130875052
## 3844	chr9 130874967	+	C	218	chr9:130874867-130875052
## 3845	chr9 130874967	-	C	23	chr9:130874867-130875052
## 3846	chr9 130874968	+	C	214	chr9:130874867-130875052
## 3847	chr9 130874968	-	C	23	chr9:130874867-130875052
## 3848	chr9 130874969	+	A	227	chr9:130874867-130875052
## 3849	chr9 130874969	-	A	23	chr9:130874867-130875052
## 3850	chr9 130874970	+	T	218	chr9:130874867-130875052
## 3851	chr9 130874970	-	T	18	chr9:130874867-130875052
## 3852	chr9 130874971	+	G	228	chr9:130874867-130875052
## 3853	chr9 130874971	-	G	19	chr9:130874867-130875052
## 3854	chr9 130874972	+	C	231	chr9:130874867-130875052
## 3855	chr9 130874972	-	C	19	chr9:130874867-130875052
## 3856	chr9 130874973	+	T	231	chr9:130874867-130875052
## 3857	chr9 130874973	-	T	19	chr9:130874867-130875052
## 3858	chr9 130874974	+	G	232	chr9:130874867-130875052
## 3859	chr9 130874974	-	G	19	chr9:130874867-130875052
## 3860	chr9 130874975	+	G	232	chr9:130874867-130875052
## 3861	chr9 130874975	-	G	19	chr9:130874867-130875052
## 3862	chr9 130874976	+	A	232	chr9:130874867-130875052
## 3863	chr9 130874976	-	A	19	chr9:130874867-130875052
## 3864	chr9 130874977	+	G	232	chr9:130874867-130875052
## 3865	chr9 130874977	-	G	19	chr9:130874867-130875052
## 3866	chr9 130874978	+	C	232	chr9:130874867-130875052
## 3867	chr9 130874978	-	C	19	chr9:130874867-130875052

## 3868	chr9 130874979	+	C	232	chr9:130874867-130875052
## 3869	chr9 130874979	-	C	19	chr9:130874867-130875052
## 3870	chr9 130874980	+	A	232	chr9:130874867-130875052
## 3871	chr9 130874980	-	A	19	chr9:130874867-130875052
## 3872	chr9 130874981	+	A	232	chr9:130874867-130875052
## 3873	chr9 130874981	-	A	19	chr9:130874867-130875052
## 3874	chr9 130874982	+	G	232	chr9:130874867-130875052
## 3875	chr9 130874982	-	G	19	chr9:130874867-130875052
## 3876	chr9 130874983	+	T	232	chr9:130874867-130875052
## 3877	chr9 130874983	-	T	19	chr9:130874867-130875052
## 3878	chr9 130874984	+	T	232	chr9:130874867-130875052
## 3879	chr9 130874984	-	T	19	chr9:130874867-130875052
## 3880	chr9 130874985	+	C	232	chr9:130874867-130875052
## 3881	chr9 130874985	-	C	19	chr9:130874867-130875052
## 3882	chr9 130874986	+	C	232	chr9:130874867-130875052
## 3883	chr9 130874986	-	C	19	chr9:130874867-130875052
## 3884	chr9 130874987	+	C	232	chr9:130874867-130875052
## 3885	chr9 130874987	-	C	19	chr9:130874867-130875052
## 3886	chr9 130874988	+	C	232	chr9:130874867-130875052
## 3887	chr9 130874988	-	C	19	chr9:130874867-130875052
## 3888	chr9 130874989	+	A	232	chr9:130874867-130875052
## 3889	chr9 130874989	-	A	19	chr9:130874867-130875052
## 3890	chr9 130874990	+	T	233	chr9:130874867-130875052
## 3891	chr9 130874990	-	T	18	chr9:130874867-130875052
## 3892	chr9 130874991	+	C	233	chr9:130874867-130875052
## 3893	chr9 130874991	-	C	18	chr9:130874867-130875052
## 3894	chr9 130874992	+	A	233	chr9:130874867-130875052
## 3895	chr9 130874992	-	A	18	chr9:130874867-130875052
## 3896	chr9 130874993	+	A	233	chr9:130874867-130875052
## 3897	chr9 130874993	-	A	18	chr9:130874867-130875052
## 3898	chr9 130874994	+	A	233	chr9:130874867-130875052
## 3899	chr9 130874994	-	A	18	chr9:130874867-130875052
## 3900	chr9 130874995	+	T	233	chr9:130874867-130875052
## 3901	chr9 130874995	-	T	18	chr9:130874867-130875052
## 3902	chr9 130874996	+	G	232	chr9:130874867-130875052
## 3903	chr9 130874996	-	G	18	chr9:130874867-130875052
## 3904	chr9 130874997	+	G	232	chr9:130874867-130875052
## 3905	chr9 130874997	-	G	18	chr9:130874867-130875052
## 3906	chr9 130874998	+	A	231	chr9:130874867-130875052
## 3907	chr9 130874998	-	A	18	chr9:130874867-130875052
## 3908	chr9 130874999	+	C	233	chr9:130874867-130875052
## 3909	chr9 130874999	-	C	18	chr9:130874867-130875052
## 3910	chr9 130875000	+	C	1	chr9:130874867-130875052
## 3911	chr9 130875000	+	T	232	chr9:130874867-130875052
## 3912	chr9 130875000	-	T	18	chr9:130874867-130875052
## 3913	chr9 130875001	+	A	1	chr9:130874867-130875052
## 3914	chr9 130875001	+	G	232	chr9:130874867-130875052
## 3915	chr9 130875001	-	G	18	chr9:130874867-130875052
## 3916	chr9 130875002	+	C	232	chr9:130874867-130875052
## 3917	chr9 130875002	-	C	18	chr9:130874867-130875052
## 3918	chr9 130875003	+	A	233	chr9:130874867-130875052
## 3919	chr9 130875003	-	A	17	chr9:130874867-130875052
## 3920	chr9 130875004	+	C	233	chr9:130874867-130875052
## 3921	chr9 130875004	-	C	17	chr9:130874867-130875052

## 3922	chr9 130875005	+	C	234	chr9:130874867-130875052
## 3923	chr9 130875005	-	C	16	chr9:130874867-130875052
## 3924	chr9 130875006	+	C	234	chr9:130874867-130875052
## 3925	chr9 130875006	-	C	16	chr9:130874867-130875052
## 3926	chr9 130875007	+	A	1	chr9:130874867-130875052
## 3927	chr9 130875007	+	G	231	chr9:130874867-130875052
## 3928	chr9 130875007	-	G	16	chr9:130874867-130875052
## 3929	chr9 130875007	+	T	2	chr9:130874867-130875052
## 3930	chr9 130875008	+	A	234	chr9:130874867-130875052
## 3931	chr9 130875008	-	A	16	chr9:130874867-130875052
## 3932	chr9 130875009	+	G	233	chr9:130874867-130875052
## 3933	chr9 130875009	-	G	16	chr9:130874867-130875052
## 3934	chr9 130875010	+	A	233	chr9:130874867-130875052
## 3935	chr9 130875010	-	A	16	chr9:130874867-130875052
## 3936	chr9 130875010	+	C	1	chr9:130874867-130875052
## 3937	chr9 130875011	+	C	1	chr9:130874867-130875052
## 3938	chr9 130875011	+	G	233	chr9:130874867-130875052
## 3939	chr9 130875011	-	G	16	chr9:130874867-130875052
## 3940	chr9 130875012	+	C	233	chr9:130874867-130875052
## 3941	chr9 130875012	-	C	16	chr9:130874867-130875052
## 3942	chr9 130875013	+	C	233	chr9:130874867-130875052
## 3943	chr9 130875013	-	C	16	chr9:130874867-130875052
## 3944	chr9 130875014	+	T	234	chr9:130874867-130875052
## 3945	chr9 130875014	-	T	16	chr9:130874867-130875052
## 3946	chr9 130875015	+	G	234	chr9:130874867-130875052
## 3947	chr9 130875015	-	G	16	chr9:130874867-130875052
## 3948	chr9 130875016	+	G	234	chr9:130874867-130875052
## 3949	chr9 130875016	-	G	16	chr9:130874867-130875052
## 3950	chr9 130875017	+	C	234	chr9:130874867-130875052
## 3951	chr9 130875017	-	C	16	chr9:130874867-130875052
## 3952	chr9 130875018	+	C	234	chr9:130874867-130875052
## 3953	chr9 130875018	-	C	16	chr9:130874867-130875052
## 3954	chr9 130875019	+	T	234	chr9:130874867-130875052
## 3955	chr9 130875019	-	T	16	chr9:130874867-130875052
## 3956	chr9 130875020	+	A	235	chr9:130874867-130875052
## 3957	chr9 130875020	-	A	16	chr9:130874867-130875052
## 3958	chr9 130875021	+	C	234	chr9:130874867-130875052
## 3959	chr9 130875021	-	C	16	chr9:130874867-130875052
## 3960	chr9 130875021	+	T	1	chr9:130874867-130875052
## 3961	chr9 130875022	+	A	234	chr9:130874867-130875052
## 3962	chr9 130875022	-	A	16	chr9:130874867-130875052
## 3963	chr9 130875023	+	A	234	chr9:130874867-130875052
## 3964	chr9 130875023	-	A	16	chr9:130874867-130875052
## 3965	chr9 130875024	+	C	234	chr9:130874867-130875052
## 3966	chr9 130875024	-	C	16	chr9:130874867-130875052
## 3967	chr9 130875025	+	A	234	chr9:130874867-130875052
## 3968	chr9 130875025	-	A	16	chr9:130874867-130875052
## 3969	chr9 130875026	+	A	234	chr9:130874867-130875052
## 3970	chr9 130875026	-	A	16	chr9:130874867-130875052
## 3971	chr9 130875027	+	G	234	chr9:130874867-130875052
## 3972	chr9 130875027	-	G	16	chr9:130874867-130875052
## 3973	chr9 130875028	+	T	232	chr9:130874867-130875052
## 3974	chr9 130875028	-	T	16	chr9:130874867-130875052
## 3975	chr9 130875029	+	T	220	chr9:130874867-130875052

## 3976	chr9 130875029	-	T	16	chr9:130874867-130875052
## 3977	chr9 130875030	+	C	223	chr9:130874867-130875052
## 3978	chr9 130875030	-	C	17	chr9:130874867-130875052
## 3979	chr9 130875031	+	T	224	chr9:130874867-130875052
## 3980	chr9 130875031	-	T	18	chr9:130874867-130875052
## 3981	chr9 130875032	+	C	215	chr9:130874867-130875052
## 3982	chr9 130875032	-	C	20	chr9:130874867-130875052
## 3983	chr9 130875033	+	C	223	chr9:130874867-130875052
## 3984	chr9 130875033	-	C	20	chr9:130874867-130875052
## 3985	chr9 130875033	+	G	1	chr9:130874867-130875052
## 3986	chr9 130875034	+	A	222	chr9:130874867-130875052
## 3987	chr9 130875034	-	A	19	chr9:130874867-130875052
## 3988	chr9 130875034	+	T	1	chr9:130874867-130875052
## 3989	chr9 130875035	+	A	1	chr9:130874867-130875052
## 3990	chr9 130875035	+	T	226	chr9:130874867-130875052
## 3991	chr9 130875035	-	T	11	chr9:130874867-130875052
## 3992	chr9 130875036	+	C	215	chr9:130874867-130875052
## 3993	chr9 130875036	-	C	24	chr9:130874867-130875052
## 3994	chr9 130875037	+	A	221	chr9:130874867-130875052
## 3995	chr9 130875037	-	A	26	chr9:130874867-130875052
## 3996	chr9 130875038	+	A	209	chr9:130874867-130875052
## 3997	chr9 130875038	-	A	26	chr9:130874867-130875052
## 3998	chr9 130875039	+	G	220	chr9:130874867-130875052
## 3999	chr9 130875039	-	G	28	chr9:130874867-130875052
## 4000	chr9 130875040	+	T	214	chr9:130874867-130875052
## 4001	chr9 130875040	-	T	28	chr9:130874867-130875052
## 4002	chr9 130875041	+	C	217	chr9:130874867-130875052
## 4003	chr9 130875041	-	C	28	chr9:130874867-130875052
## 4004	chr9 130875042	+	C	209	chr9:130874867-130875052
## 4005	chr9 130875042	-	C	25	chr9:130874867-130875052
## 4006	chr9 130875042	+	T	1	chr9:130874867-130875052
## 4007	chr9 130875043	+	G	217	chr9:130874867-130875052
## 4008	chr9 130875043	-	G	25	chr9:130874867-130875052
## 4009	chr9 130875044	+	A	211	chr9:130874867-130875052
## 4010	chr9 130875044	-	A	25	chr9:130874867-130875052
## 4011	chr9 130875044	+	C	1	chr9:130874867-130875052
## 4012	chr9 130875045	+	C	223	chr9:130874867-130875052
## 4013	chr9 130875045	-	C	25	chr9:130874867-130875052
## 4014	chr9 130875045	+	T	2	chr9:130874867-130875052
## 4015	chr9 130875046	+	G	212	chr9:130874867-130875052
## 4016	chr9 130875046	-	G	24	chr9:130874867-130875052
## 4017	chr9 130875047	+	T	223	chr9:130874867-130875052
## 4018	chr9 130875047	-	T	24	chr9:130874867-130875052
## 4019	chr9 130875048	+	C	226	chr9:130874867-130875052
## 4020	chr9 130875048	-	C	24	chr9:130874867-130875052
## 4021	chr9 130875049	+	T	225	chr9:130874867-130875052
## 4022	chr9 130875049	-	T	25	chr9:130874867-130875052
## 4023	chr9 130875050	+	G	225	chr9:130874867-130875052
## 4024	chr9 130875050	-	G	25	chr9:130874867-130875052
## 4025	chr9 130875051	+	G	225	chr9:130874867-130875052
## 4026	chr9 130875051	-	G	25	chr9:130874867-130875052
## 4027	chr9 130875052	+	G	225	chr9:130874867-130875052
## 4028	chr9 130875052	-	G	25	chr9:130874867-130875052
## 4029	chr9 130878414	+	G	275	chr9:130878414-130878567

## 4030	chr9 130878414	-	G	36	chr9:130878414-130878567
## 4031	chr9 130878415	+	C	263	chr9:130878414-130878567
## 4032	chr9 130878415	-	C	36	chr9:130878414-130878567
## 4033	chr9 130878415	+	G	1	chr9:130878414-130878567
## 4034	chr9 130878416	+	A	248	chr9:130878414-130878567
## 4035	chr9 130878416	-	A	36	chr9:130878414-130878567
## 4036	chr9 130878417	-	A	1	chr9:130878414-130878567
## 4037	chr9 130878417	+	T	226	chr9:130878414-130878567
## 4038	chr9 130878417	-	T	35	chr9:130878414-130878567
## 4039	chr9 130878418	+	T	214	chr9:130878414-130878567
## 4040	chr9 130878418	-	T	34	chr9:130878414-130878567
## 4041	chr9 130878419	+	T	207	chr9:130878414-130878567
## 4042	chr9 130878419	-	T	28	chr9:130878414-130878567
## 4043	chr9 130878420	+	G	212	chr9:130878414-130878567
## 4044	chr9 130878420	-	G	26	chr9:130878414-130878567
## 4045	chr9 130878421	+	G	209	chr9:130878414-130878567
## 4046	chr9 130878421	-	G	24	chr9:130878414-130878567
## 4047	chr9 130878422	+	A	210	chr9:130878414-130878567
## 4048	chr9 130878422	-	A	23	chr9:130878414-130878567
## 4049	chr9 130878423	+	G	217	chr9:130878414-130878567
## 4050	chr9 130878423	-	G	22	chr9:130878414-130878567
## 4051	chr9 130878424	+	T	213	chr9:130878414-130878567
## 4052	chr9 130878424	-	T	18	chr9:130878414-130878567
## 4053	chr9 130878425	+	A	207	chr9:130878414-130878567
## 4054	chr9 130878425	-	A	17	chr9:130878414-130878567
## 4055	chr9 130878426	+	T	203	chr9:130878414-130878567
## 4056	chr9 130878426	-	T	16	chr9:130878414-130878567
## 4057	chr9 130878427	+	T	217	chr9:130878414-130878567
## 4058	chr9 130878427	-	T	26	chr9:130878414-130878567
## 4059	chr9 130878428	+	G	208	chr9:130878414-130878567
## 4060	chr9 130878428	-	G	26	chr9:130878414-130878567
## 4061	chr9 130878428	+	T	4	chr9:130878414-130878567
## 4062	chr9 130878429	+	C	202	chr9:130878414-130878567
## 4063	chr9 130878429	-	C	26	chr9:130878414-130878567
## 4064	chr9 130878430	+	T	212	chr9:130878414-130878567
## 4065	chr9 130878430	-	T	32	chr9:130878414-130878567
## 4066	chr9 130878431	+	T	218	chr9:130878414-130878567
## 4067	chr9 130878431	-	T	32	chr9:130878414-130878567
## 4068	chr9 130878432	+	T	218	chr9:130878414-130878567
## 4069	chr9 130878432	-	T	32	chr9:130878414-130878567
## 4070	chr9 130878433	+	G	218	chr9:130878414-130878567
## 4071	chr9 130878433	-	G	32	chr9:130878414-130878567
## 4072	chr9 130878434	+	G	218	chr9:130878414-130878567
## 4073	chr9 130878434	-	G	32	chr9:130878414-130878567
## 4074	chr9 130878435	+	A	1	chr9:130878414-130878567
## 4075	chr9 130878435	+	G	217	chr9:130878414-130878567
## 4076	chr9 130878435	-	G	32	chr9:130878414-130878567
## 4077	chr9 130878436	+	A	218	chr9:130878414-130878567
## 4078	chr9 130878436	-	A	32	chr9:130878414-130878567
## 4079	chr9 130878437	+	A	218	chr9:130878414-130878567
## 4080	chr9 130878437	-	A	32	chr9:130878414-130878567
## 4081	chr9 130878438	+	A	218	chr9:130878414-130878567
## 4082	chr9 130878438	-	A	32	chr9:130878414-130878567
## 4083	chr9 130878439	+	T	218	chr9:130878414-130878567

## 4084	chr9 130878439	-	T	32	chr9:130878414-130878567
## 4085	chr9 130878440	+	T	218	chr9:130878414-130878567
## 4086	chr9 130878440	-	T	32	chr9:130878414-130878567
## 4087	chr9 130878441	+	G	218	chr9:130878414-130878567
## 4088	chr9 130878441	-	G	32	chr9:130878414-130878567
## 4089	chr9 130878442	+	C	218	chr9:130878414-130878567
## 4090	chr9 130878442	-	C	32	chr9:130878414-130878567
## 4091	chr9 130878443	+	T	218	chr9:130878414-130878567
## 4092	chr9 130878443	-	T	32	chr9:130878414-130878567
## 4093	chr9 130878444	+	A	218	chr9:130878414-130878567
## 4094	chr9 130878444	-	A	32	chr9:130878414-130878567
## 4095	chr9 130878445	+	C	218	chr9:130878414-130878567
## 4096	chr9 130878445	-	C	32	chr9:130878414-130878567
## 4097	chr9 130878446	+	C	218	chr9:130878414-130878567
## 4098	chr9 130878446	-	C	32	chr9:130878414-130878567
## 4099	chr9 130878447	+	T	218	chr9:130878414-130878567
## 4100	chr9 130878447	-	T	32	chr9:130878414-130878567
## 4101	chr9 130878448	+	A	218	chr9:130878414-130878567
## 4102	chr9 130878448	-	A	32	chr9:130878414-130878567
## 4103	chr9 130878449	+	T	218	chr9:130878414-130878567
## 4104	chr9 130878449	-	T	32	chr9:130878414-130878567
## 4105	chr9 130878450	+	A	1	chr9:130878414-130878567
## 4106	chr9 130878450	+	G	217	chr9:130878414-130878567
## 4107	chr9 130878450	-	G	32	chr9:130878414-130878567
## 4108	chr9 130878451	+	G	218	chr9:130878414-130878567
## 4109	chr9 130878451	-	G	32	chr9:130878414-130878567
## 4110	chr9 130878452	+	C	218	chr9:130878414-130878567
## 4111	chr9 130878452	-	C	32	chr9:130878414-130878567
## 4112	chr9 130878453	+	A	218	chr9:130878414-130878567
## 4113	chr9 130878453	-	A	32	chr9:130878414-130878567
## 4114	chr9 130878454	+	T	218	chr9:130878414-130878567
## 4115	chr9 130878454	-	T	32	chr9:130878414-130878567
## 4116	chr9 130878455	+	G	218	chr9:130878414-130878567
## 4117	chr9 130878455	-	G	32	chr9:130878414-130878567
## 4118	chr9 130878456	+	T	218	chr9:130878414-130878567
## 4119	chr9 130878456	-	T	32	chr9:130878414-130878567
## 4120	chr9 130878457	+	C	218	chr9:130878414-130878567
## 4121	chr9 130878457	-	C	32	chr9:130878414-130878567
## 4122	chr9 130878458	+	A	1	chr9:130878414-130878567
## 4123	chr9 130878458	+	C	217	chr9:130878414-130878567
## 4124	chr9 130878458	-	C	32	chr9:130878414-130878567
## 4125	chr9 130878459	+	C	218	chr9:130878414-130878567
## 4126	chr9 130878459	-	C	32	chr9:130878414-130878567
## 4127	chr9 130878460	+	C	218	chr9:130878414-130878567
## 4128	chr9 130878460	-	C	32	chr9:130878414-130878567
## 4129	chr9 130878461	+	T	218	chr9:130878414-130878567
## 4130	chr9 130878461	-	T	32	chr9:130878414-130878567
## 4131	chr9 130878462	+	T	218	chr9:130878414-130878567
## 4132	chr9 130878462	-	T	32	chr9:130878414-130878567
## 4133	chr9 130878463	+	A	218	chr9:130878414-130878567
## 4134	chr9 130878463	-	A	32	chr9:130878414-130878567
## 4135	chr9 130878464	+	C	218	chr9:130878414-130878567
## 4136	chr9 130878464	-	C	32	chr9:130878414-130878567
## 4137	chr9 130878465	+	C	218	chr9:130878414-130878567

## 4138	chr9 130878465	-	C	32	chr9:130878414-130878567
## 4139	chr9 130878466	+	C	215	chr9:130878414-130878567
## 4140	chr9 130878466	-	C	32	chr9:130878414-130878567
## 4141	chr9 130878466	+	T	3	chr9:130878414-130878567
## 4142	chr9 130878467	-	A	2	chr9:130878414-130878567
## 4143	chr9 130878467	+	G	218	chr9:130878414-130878567
## 4144	chr9 130878467	-	G	30	chr9:130878414-130878567
## 4145	chr9 130878468	+	G	218	chr9:130878414-130878567
## 4146	chr9 130878468	-	G	32	chr9:130878414-130878567
## 4147	chr9 130878469	+	G	218	chr9:130878414-130878567
## 4148	chr9 130878469	-	G	32	chr9:130878414-130878567
## 4149	chr9 130878470	+	A	218	chr9:130878414-130878567
## 4150	chr9 130878470	-	A	32	chr9:130878414-130878567
## 4151	chr9 130878471	+	A	216	chr9:130878414-130878567
## 4152	chr9 130878471	-	A	32	chr9:130878414-130878567
## 4153	chr9 130878472	+	T	217	chr9:130878414-130878567
## 4154	chr9 130878472	-	T	32	chr9:130878414-130878567
## 4155	chr9 130878473	+	T	219	chr9:130878414-130878567
## 4156	chr9 130878473	-	T	32	chr9:130878414-130878567
## 4157	chr9 130878474	+	G	219	chr9:130878414-130878567
## 4158	chr9 130878474	-	G	32	chr9:130878414-130878567
## 4159	chr9 130878475	+	A	219	chr9:130878414-130878567
## 4160	chr9 130878475	-	A	32	chr9:130878414-130878567
## 4161	chr9 130878476	+	C	219	chr9:130878414-130878567
## 4162	chr9 130878476	-	C	32	chr9:130878414-130878567
## 4163	chr9 130878477	+	C	219	chr9:130878414-130878567
## 4164	chr9 130878477	-	C	32	chr9:130878414-130878567
## 4165	chr9 130878478	+	T	219	chr9:130878414-130878567
## 4166	chr9 130878478	-	T	32	chr9:130878414-130878567
## 4167	chr9 130878479	+	G	219	chr9:130878414-130878567
## 4168	chr9 130878479	-	G	32	chr9:130878414-130878567
## 4169	chr9 130878480	+	G	1	chr9:130878414-130878567
## 4170	chr9 130878480	+	T	218	chr9:130878414-130878567
## 4171	chr9 130878480	-	T	32	chr9:130878414-130878567
## 4172	chr9 130878481	+	C	219	chr9:130878414-130878567
## 4173	chr9 130878481	-	C	32	chr9:130878414-130878567
## 4174	chr9 130878482	+	C	219	chr9:130878414-130878567
## 4175	chr9 130878482	-	C	32	chr9:130878414-130878567
## 4176	chr9 130878483	+	C	219	chr9:130878414-130878567
## 4177	chr9 130878483	-	C	32	chr9:130878414-130878567
## 4178	chr9 130878484	+	A	219	chr9:130878414-130878567
## 4179	chr9 130878484	-	A	32	chr9:130878414-130878567
## 4180	chr9 130878485	+	G	219	chr9:130878414-130878567
## 4181	chr9 130878485	-	G	32	chr9:130878414-130878567
## 4182	chr9 130878486	+	G	219	chr9:130878414-130878567
## 4183	chr9 130878486	-	G	32	chr9:130878414-130878567
## 4184	chr9 130878487	+	T	219	chr9:130878414-130878567
## 4185	chr9 130878487	-	T	32	chr9:130878414-130878567
## 4186	chr9 130878488	+	C	1	chr9:130878414-130878567
## 4187	chr9 130878488	+	G	218	chr9:130878414-130878567
## 4188	chr9 130878488	-	G	32	chr9:130878414-130878567
## 4189	chr9 130878489	+	T	219	chr9:130878414-130878567
## 4190	chr9 130878489	-	T	32	chr9:130878414-130878567
## 4191	chr9 130878490	+	A	219	chr9:130878414-130878567

## 4192	chr9 130878490	-	A	31	chr9:130878414-130878567
## 4193	chr9 130878490	-	T	1	chr9:130878414-130878567
## 4194	chr9 130878491	+	T	218	chr9:130878414-130878567
## 4195	chr9 130878491	-	T	33	chr9:130878414-130878567
## 4196	chr9 130878492	+	G	218	chr9:130878414-130878567
## 4197	chr9 130878492	-	G	33	chr9:130878414-130878567
## 4198	chr9 130878493	+	A	218	chr9:130878414-130878567
## 4199	chr9 130878493	-	A	32	chr9:130878414-130878567
## 4200	chr9 130878494	+	G	217	chr9:130878414-130878567
## 4201	chr9 130878494	-	G	33	chr9:130878414-130878567
## 4202	chr9 130878495	+	C	203	chr9:130878414-130878567
## 4203	chr9 130878495	-	C	31	chr9:130878414-130878567
## 4204	chr9 130878496	+	T	193	chr9:130878414-130878567
## 4205	chr9 130878496	-	T	43	chr9:130878414-130878567
## 4206	chr9 130878497	+	G	175	chr9:130878414-130878567
## 4207	chr9 130878497	-	G	53	chr9:130878414-130878567
## 4208	chr9 130878498	+	A	1	chr9:130878414-130878567
## 4209	chr9 130878498	-	A	1	chr9:130878414-130878567
## 4210	chr9 130878498	+	C	160	chr9:130878414-130878567
## 4211	chr9 130878498	-	C	71	chr9:130878414-130878567
## 4212	chr9 130878499	+	T	158	chr9:130878414-130878567
## 4213	chr9 130878499	-	T	79	chr9:130878414-130878567
## 4214	chr9 130878500	+	A	154	chr9:130878414-130878567
## 4215	chr9 130878500	-	A	77	chr9:130878414-130878567
## 4216	chr9 130878501	+	G	146	chr9:130878414-130878567
## 4217	chr9 130878501	-	G	83	chr9:130878414-130878567
## 4218	chr9 130878502	+	A	139	chr9:130878414-130878567
## 4219	chr9 130878502	-	A	80	chr9:130878414-130878567
## 4220	chr9 130878503	+	G	137	chr9:130878414-130878567
## 4221	chr9 130878503	-	G	90	chr9:130878414-130878567
## 4222	chr9 130878504	+	A	124	chr9:130878414-130878567
## 4223	chr9 130878504	-	A	107	chr9:130878414-130878567
## 4224	chr9 130878505	+	A	121	chr9:130878414-130878567
## 4225	chr9 130878505	-	A	114	chr9:130878414-130878567
## 4226	chr9 130878506	+	G	116	chr9:130878414-130878567
## 4227	chr9 130878506	-	G	128	chr9:130878414-130878567
## 4228	chr9 130878507	+	G	117	chr9:130878414-130878567
## 4229	chr9 130878507	-	G	133	chr9:130878414-130878567
## 4230	chr9 130878508	+	A	117	chr9:130878414-130878567
## 4231	chr9 130878508	-	A	133	chr9:130878414-130878567
## 4232	chr9 130878509	+	C	117	chr9:130878414-130878567
## 4233	chr9 130878509	-	C	133	chr9:130878414-130878567
## 4234	chr9 130878510	+	T	117	chr9:130878414-130878567
## 4235	chr9 130878510	-	T	133	chr9:130878414-130878567
## 4236	chr9 130878511	+	A	117	chr9:130878414-130878567
## 4237	chr9 130878511	-	A	132	chr9:130878414-130878567
## 4238	chr9 130878511	-	C	1	chr9:130878414-130878567
## 4239	chr9 130878512	+	C	116	chr9:130878414-130878567
## 4240	chr9 130878512	-	C	134	chr9:130878414-130878567
## 4241	chr9 130878513	+	C	115	chr9:130878414-130878567
## 4242	chr9 130878513	-	C	135	chr9:130878414-130878567
## 4243	chr9 130878514	+	G	115	chr9:130878414-130878567
## 4244	chr9 130878514	-	G	135	chr9:130878414-130878567
## 4245	chr9 130878515	+	C	115	chr9:130878414-130878567

## 4246	chr9 130878515	-	C	135	chr9:130878414-130878567
## 4247	chr9 130878516	+	A	115	chr9:130878414-130878567
## 4248	chr9 130878516	-	A	135	chr9:130878414-130878567
## 4249	chr9 130878517	+	T	114	chr9:130878414-130878567
## 4250	chr9 130878517	-	T	136	chr9:130878414-130878567
## 4251	chr9 130878518	+	G	114	chr9:130878414-130878567
## 4252	chr9 130878518	-	G	136	chr9:130878414-130878567
## 4253	chr9 130878519	+	G	113	chr9:130878414-130878567
## 4254	chr9 130878519	-	G	137	chr9:130878414-130878567
## 4255	chr9 130878520	+	A	113	chr9:130878414-130878567
## 4256	chr9 130878520	-	A	136	chr9:130878414-130878567
## 4257	chr9 130878520	-	G	1	chr9:130878414-130878567
## 4258	chr9 130878521	+	G	113	chr9:130878414-130878567
## 4259	chr9 130878521	-	G	137	chr9:130878414-130878567
## 4260	chr9 130878522	+	C	113	chr9:130878414-130878567
## 4261	chr9 130878522	-	C	137	chr9:130878414-130878567
## 4262	chr9 130878523	+	G	113	chr9:130878414-130878567
## 4263	chr9 130878523	-	G	137	chr9:130878414-130878567
## 4264	chr9 130878524	+	C	113	chr9:130878414-130878567
## 4265	chr9 130878524	-	C	137	chr9:130878414-130878567
## 4266	chr9 130878525	+	C	113	chr9:130878414-130878567
## 4267	chr9 130878525	-	C	136	chr9:130878414-130878567
## 4268	chr9 130878525	-	T	1	chr9:130878414-130878567
## 4269	chr9 130878526	+	A	1	chr9:130878414-130878567
## 4270	chr9 130878526	+	C	112	chr9:130878414-130878567
## 4271	chr9 130878526	-	C	137	chr9:130878414-130878567
## 4272	chr9 130878527	+	A	113	chr9:130878414-130878567
## 4273	chr9 130878527	-	A	137	chr9:130878414-130878567
## 4274	chr9 130878528	+	G	113	chr9:130878414-130878567
## 4275	chr9 130878528	-	G	137	chr9:130878414-130878567
## 4276	chr9 130878529	+	A	113	chr9:130878414-130878567
## 4277	chr9 130878529	-	A	137	chr9:130878414-130878567
## 4278	chr9 130878530	+	A	113	chr9:130878414-130878567
## 4279	chr9 130878530	-	A	137	chr9:130878414-130878567
## 4280	chr9 130878531	+	G	113	chr9:130878414-130878567
## 4281	chr9 130878531	-	G	137	chr9:130878414-130878567
## 4282	chr9 130878532	+	G	113	chr9:130878414-130878567
## 4283	chr9 130878532	-	G	137	chr9:130878414-130878567
## 4284	chr9 130878533	+	C	113	chr9:130878414-130878567
## 4285	chr9 130878533	-	C	137	chr9:130878414-130878567
## 4286	chr9 130878534	+	T	113	chr9:130878414-130878567
## 4287	chr9 130878534	-	T	137	chr9:130878414-130878567
## 4288	chr9 130878535	+	G	113	chr9:130878414-130878567
## 4289	chr9 130878535	-	G	137	chr9:130878414-130878567
## 4290	chr9 130878536	+	C	113	chr9:130878414-130878567
## 4291	chr9 130878536	-	C	137	chr9:130878414-130878567
## 4292	chr9 130878537	+	C	113	chr9:130878414-130878567
## 4293	chr9 130878537	-	C	137	chr9:130878414-130878567
## 4294	chr9 130878538	+	C	113	chr9:130878414-130878567
## 4295	chr9 130878538	-	C	137	chr9:130878414-130878567
## 4296	chr9 130878539	+	A	113	chr9:130878414-130878567
## 4297	chr9 130878539	-	A	137	chr9:130878414-130878567
## 4298	chr9 130878540	+	G	113	chr9:130878414-130878567
## 4299	chr9 130878540	-	G	137	chr9:130878414-130878567

## 4300	chr9 130878541	+	A 113	chr9:130878414-130878567
## 4301	chr9 130878541	-	A 137	chr9:130878414-130878567
## 4302	chr9 130878542	+	G 113	chr9:130878414-130878567
## 4303	chr9 130878542	-	G 137	chr9:130878414-130878567
## 4304	chr9 130878543	+	A 113	chr9:130878414-130878567
## 4305	chr9 130878543	-	A 137	chr9:130878414-130878567
## 4306	chr9 130878544	+	A 113	chr9:130878414-130878567
## 4307	chr9 130878544	-	A 137	chr9:130878414-130878567
## 4308	chr9 130878545	+	G 113	chr9:130878414-130878567
## 4309	chr9 130878545	-	G 136	chr9:130878414-130878567
## 4310	chr9 130878545	-	T 1	chr9:130878414-130878567
## 4311	chr9 130878546	+	G 113	chr9:130878414-130878567
## 4312	chr9 130878546	-	G 137	chr9:130878414-130878567
## 4313	chr9 130878547	+	T 111	chr9:130878414-130878567
## 4314	chr9 130878547	-	T 137	chr9:130878414-130878567
## 4315	chr9 130878548	+	C 109	chr9:130878414-130878567
## 4316	chr9 130878548	-	C 138	chr9:130878414-130878567
## 4317	chr9 130878549	+	T 110	chr9:130878414-130878567
## 4318	chr9 130878549	-	T 140	chr9:130878414-130878567
## 4319	chr9 130878550	+	A 109	chr9:130878414-130878567
## 4320	chr9 130878550	-	A 140	chr9:130878414-130878567
## 4321	chr9 130878551	+	T 110	chr9:130878414-130878567
## 4322	chr9 130878551	-	T 140	chr9:130878414-130878567
## 4323	chr9 130878552	+	G 110	chr9:130878414-130878567
## 4324	chr9 130878552	-	G 140	chr9:130878414-130878567
## 4325	chr9 130878553	+	A 110	chr9:130878414-130878567
## 4326	chr9 130878553	-	A 139	chr9:130878414-130878567
## 4327	chr9 130878554	+	A 111	chr9:130878414-130878567
## 4328	chr9 130878554	-	A 139	chr9:130878414-130878567
## 4329	chr9 130878555	+	C 111	chr9:130878414-130878567
## 4330	chr9 130878555	-	C 139	chr9:130878414-130878567
## 4331	chr9 130878556	+	T 111	chr9:130878414-130878567
## 4332	chr9 130878556	-	T 139	chr9:130878414-130878567
## 4333	chr9 130878557	+	C 111	chr9:130878414-130878567
## 4334	chr9 130878557	-	C 139	chr9:130878414-130878567
## 4335	chr9 130878558	+	A 111	chr9:130878414-130878567
## 4336	chr9 130878558	-	A 139	chr9:130878414-130878567
## 4337	chr9 130878559	+	T 111	chr9:130878414-130878567
## 4338	chr9 130878559	-	T 139	chr9:130878414-130878567
## 4339	chr9 130878560	-	A 1	chr9:130878414-130878567
## 4340	chr9 130878560	+	G 111	chr9:130878414-130878567
## 4341	chr9 130878560	-	G 138	chr9:130878414-130878567
## 4342	chr9 130878561	+	C 111	chr9:130878414-130878567
## 4343	chr9 130878561	-	C 139	chr9:130878414-130878567
## 4344	chr9 130878562	+	G 111	chr9:130878414-130878567
## 4345	chr9 130878562	-	G 139	chr9:130878414-130878567
## 4346	chr9 130878563	+	A 111	chr9:130878414-130878567
## 4347	chr9 130878563	-	A 139	chr9:130878414-130878567
## 4348	chr9 130878564	+	G 111	chr9:130878414-130878567
## 4349	chr9 130878564	-	G 139	chr9:130878414-130878567
## 4350	chr9 130878565	+	C 111	chr9:130878414-130878567
## 4351	chr9 130878565	-	C 139	chr9:130878414-130878567
## 4352	chr9 130878566	+	A 112	chr9:130878414-130878567
## 4353	chr9 130878566	-	A 138	chr9:130878414-130878567

## 4354	chr9 130878567	+	T	112	chr9:130878414-130878567
## 4355	chr9 130878567	-	T	138	chr9:130878414-130878567
## 4356	chr9 130880067	+	G	182	chr9:130880067-130880157
## 4357	chr9 130880067	-	G	132	chr9:130880067-130880157
## 4358	chr9 130880068	+	G	172	chr9:130880067-130880157
## 4359	chr9 130880068	-	G	117	chr9:130880067-130880157
## 4360	chr9 130880069	+	T	160	chr9:130880067-130880157
## 4361	chr9 130880069	-	T	101	chr9:130880067-130880157
## 4362	chr9 130880070	+	T	156	chr9:130880067-130880157
## 4363	chr9 130880070	-	T	94	chr9:130880067-130880157
## 4364	chr9 130880071	+	G	148	chr9:130880067-130880157
## 4365	chr9 130880071	-	G	90	chr9:130880067-130880157
## 4366	chr9 130880072	+	G	151	chr9:130880067-130880157
## 4367	chr9 130880072	-	G	78	chr9:130880067-130880157
## 4368	chr9 130880073	-	A	1	chr9:130880067-130880157
## 4369	chr9 130880073	+	C	157	chr9:130880067-130880157
## 4370	chr9 130880073	-	C	87	chr9:130880067-130880157
## 4371	chr9 130880074	+	A	146	chr9:130880067-130880157
## 4372	chr9 130880074	-	A	85	chr9:130880067-130880157
## 4373	chr9 130880075	+	G	163	chr9:130880067-130880157
## 4374	chr9 130880075	-	G	72	chr9:130880067-130880157
## 4375	chr9 130880076	+	T	166	chr9:130880067-130880157
## 4376	chr9 130880076	-	T	40	chr9:130880067-130880157
## 4377	chr9 130880077	-	A	10	chr9:130880067-130880157
## 4378	chr9 130880077	+	G	177	chr9:130880067-130880157
## 4379	chr9 130880077	-	G	39	chr9:130880067-130880157
## 4380	chr9 130880078	+	G	172	chr9:130880067-130880157
## 4381	chr9 130880078	-	G	37	chr9:130880067-130880157
## 4382	chr9 130880079	+	A	179	chr9:130880067-130880157
## 4383	chr9 130880079	-	A	59	chr9:130880067-130880157
## 4384	chr9 130880079	-	C	1	chr9:130880067-130880157
## 4385	chr9 130880080	+	A	190	chr9:130880067-130880157
## 4386	chr9 130880080	-	A	60	chr9:130880067-130880157
## 4387	chr9 130880081	+	T	190	chr9:130880067-130880157
## 4388	chr9 130880081	-	T	60	chr9:130880067-130880157
## 4389	chr9 130880082	+	C	190	chr9:130880067-130880157
## 4390	chr9 130880082	-	C	60	chr9:130880067-130880157
## 4391	chr9 130880083	+	C	190	chr9:130880067-130880157
## 4392	chr9 130880083	-	C	60	chr9:130880067-130880157
## 4393	chr9 130880084	+	C	190	chr9:130880067-130880157
## 4394	chr9 130880084	-	C	60	chr9:130880067-130880157
## 4395	chr9 130880085	+	A	2	chr9:130880067-130880157
## 4396	chr9 130880085	+	T	188	chr9:130880067-130880157
## 4397	chr9 130880085	-	T	60	chr9:130880067-130880157
## 4398	chr9 130880086	+	C	190	chr9:130880067-130880157
## 4399	chr9 130880086	-	C	60	chr9:130880067-130880157
## 4400	chr9 130880087	+	T	190	chr9:130880067-130880157
## 4401	chr9 130880087	-	T	60	chr9:130880067-130880157
## 4402	chr9 130880088	+	G	189	chr9:130880067-130880157
## 4403	chr9 130880088	-	G	60	chr9:130880067-130880157
## 4404	chr9 130880089	+	A	190	chr9:130880067-130880157
## 4405	chr9 130880089	-	A	60	chr9:130880067-130880157
## 4406	chr9 130880090	+	C	190	chr9:130880067-130880157
## 4407	chr9 130880090	-	C	60	chr9:130880067-130880157

## 4408	chr9 130880091	+	C	190	chr9:130880067-130880157
## 4409	chr9 130880091	-	C	60	chr9:130880067-130880157
## 4410	chr9 130880092	+	G	190	chr9:130880067-130880157
## 4411	chr9 130880092	-	G	59	chr9:130880067-130880157
## 4412	chr9 130880092	-	T	1	chr9:130880067-130880157
## 4413	chr9 130880093	+	G	190	chr9:130880067-130880157
## 4414	chr9 130880093	-	G	60	chr9:130880067-130880157
## 4415	chr9 130880094	+	C	190	chr9:130880067-130880157
## 4416	chr9 130880094	-	C	60	chr9:130880067-130880157
## 4417	chr9 130880095	+	C	190	chr9:130880067-130880157
## 4418	chr9 130880095	-	C	60	chr9:130880067-130880157
## 4419	chr9 130880096	+	C	189	chr9:130880067-130880157
## 4420	chr9 130880096	-	C	60	chr9:130880067-130880157
## 4421	chr9 130880096	+	T	1	chr9:130880067-130880157
## 4422	chr9 130880097	-	C	1	chr9:130880067-130880157
## 4423	chr9 130880097	+	T	190	chr9:130880067-130880157
## 4424	chr9 130880097	-	T	59	chr9:130880067-130880157
## 4425	chr9 130880098	+	C	190	chr9:130880067-130880157
## 4426	chr9 130880098	-	C	60	chr9:130880067-130880157
## 4427	chr9 130880099	+	C	190	chr9:130880067-130880157
## 4428	chr9 130880099	-	C	60	chr9:130880067-130880157
## 4429	chr9 130880100	+	T	190	chr9:130880067-130880157
## 4430	chr9 130880100	-	T	60	chr9:130880067-130880157
## 4431	chr9 130880101	+	T	190	chr9:130880067-130880157
## 4432	chr9 130880101	-	T	60	chr9:130880067-130880157
## 4433	chr9 130880102	+	T	190	chr9:130880067-130880157
## 4434	chr9 130880102	-	T	60	chr9:130880067-130880157
## 4435	chr9 130880103	+	G	190	chr9:130880067-130880157
## 4436	chr9 130880103	-	G	60	chr9:130880067-130880157
## 4437	chr9 130880104	+	C	189	chr9:130880067-130880157
## 4438	chr9 130880104	-	C	60	chr9:130880067-130880157
## 4439	chr9 130880105	+	T	190	chr9:130880067-130880157
## 4440	chr9 130880105	-	T	60	chr9:130880067-130880157
## 4441	chr9 130880106	+	G	190	chr9:130880067-130880157
## 4442	chr9 130880106	-	G	60	chr9:130880067-130880157
## 4443	chr9 130880107	+	A	190	chr9:130880067-130880157
## 4444	chr9 130880107	-	A	60	chr9:130880067-130880157
## 4445	chr9 130880108	+	A	190	chr9:130880067-130880157
## 4446	chr9 130880108	-	A	60	chr9:130880067-130880157
## 4447	chr9 130880109	+	A	190	chr9:130880067-130880157
## 4448	chr9 130880109	-	A	60	chr9:130880067-130880157
## 4449	chr9 130880110	+	T	190	chr9:130880067-130880157
## 4450	chr9 130880110	-	T	60	chr9:130880067-130880157
## 4451	chr9 130880111	+	A	1	chr9:130880067-130880157
## 4452	chr9 130880111	+	C	189	chr9:130880067-130880157
## 4453	chr9 130880111	-	C	60	chr9:130880067-130880157
## 4454	chr9 130880112	+	C	189	chr9:130880067-130880157
## 4455	chr9 130880112	-	C	60	chr9:130880067-130880157
## 4456	chr9 130880112	+	G	1	chr9:130880067-130880157
## 4457	chr9 130880113	+	A	190	chr9:130880067-130880157
## 4458	chr9 130880113	-	A	60	chr9:130880067-130880157
## 4459	chr9 130880114	+	C	190	chr9:130880067-130880157
## 4460	chr9 130880114	-	C	60	chr9:130880067-130880157
## 4461	chr9 130880115	+	C	190	chr9:130880067-130880157

## 4462	chr9 130880115	-	C	60	chr9:130880067-130880157
## 4463	chr9 130880116	+	A	190	chr9:130880067-130880157
## 4464	chr9 130880116	-	A	60	chr9:130880067-130880157
## 4465	chr9 130880117	+	A	190	chr9:130880067-130880157
## 4466	chr9 130880117	-	A	60	chr9:130880067-130880157
## 4467	chr9 130880118	+	G	190	chr9:130880067-130880157
## 4468	chr9 130880118	-	G	60	chr9:130880067-130880157
## 4469	chr9 130880119	+	C	190	chr9:130880067-130880157
## 4470	chr9 130880119	-	C	60	chr9:130880067-130880157
## 4471	chr9 130880120	+	C	190	chr9:130880067-130880157
## 4472	chr9 130880120	-	C	60	chr9:130880067-130880157
## 4473	chr9 130880121	+	T	190	chr9:130880067-130880157
## 4474	chr9 130880121	-	T	60	chr9:130880067-130880157
## 4475	chr9 130880122	+	T	190	chr9:130880067-130880157
## 4476	chr9 130880122	-	T	60	chr9:130880067-130880157
## 4477	chr9 130880123	+	T	190	chr9:130880067-130880157
## 4478	chr9 130880123	-	T	60	chr9:130880067-130880157
## 4479	chr9 130880124	+	G	190	chr9:130880067-130880157
## 4480	chr9 130880124	-	G	60	chr9:130880067-130880157
## 4481	chr9 130880125	+	A	191	chr9:130880067-130880157
## 4482	chr9 130880125	-	A	60	chr9:130880067-130880157
## 4483	chr9 130880126	+	A	191	chr9:130880067-130880157
## 4484	chr9 130880126	-	A	60	chr9:130880067-130880157
## 4485	chr9 130880127	+	A	190	chr9:130880067-130880157
## 4486	chr9 130880127	-	A	60	chr9:130880067-130880157
## 4487	chr9 130880127	+	T	1	chr9:130880067-130880157
## 4488	chr9 130880128	+	C	191	chr9:130880067-130880157
## 4489	chr9 130880128	-	C	60	chr9:130880067-130880157
## 4490	chr9 130880129	+	A	191	chr9:130880067-130880157
## 4491	chr9 130880129	-	A	60	chr9:130880067-130880157
## 4492	chr9 130880130	+	A	190	chr9:130880067-130880157
## 4493	chr9 130880130	-	A	60	chr9:130880067-130880157
## 4494	chr9 130880131	+	T	190	chr9:130880067-130880157
## 4495	chr9 130880131	-	T	60	chr9:130880067-130880157
## 4496	chr9 130880132	+	G	190	chr9:130880067-130880157
## 4497	chr9 130880132	-	G	60	chr9:130880067-130880157
## 4498	chr9 130880133	-	C	1	chr9:130880067-130880157
## 4499	chr9 130880133	+	T	190	chr9:130880067-130880157
## 4500	chr9 130880133	-	T	59	chr9:130880067-130880157
## 4501	chr9 130880134	+	T	191	chr9:130880067-130880157
## 4502	chr9 130880134	-	T	60	chr9:130880067-130880157
## 4503	chr9 130880135	+	C	191	chr9:130880067-130880157
## 4504	chr9 130880135	-	C	60	chr9:130880067-130880157
## 4505	chr9 130880136	+	C	191	chr9:130880067-130880157
## 4506	chr9 130880136	-	C	60	chr9:130880067-130880157
## 4507	chr9 130880137	+	A	191	chr9:130880067-130880157
## 4508	chr9 130880137	-	A	60	chr9:130880067-130880157
## 4509	chr9 130880138	+	G	191	chr9:130880067-130880157
## 4510	chr9 130880138	-	G	60	chr9:130880067-130880157
## 4511	chr9 130880139	+	G	191	chr9:130880067-130880157
## 4512	chr9 130880139	-	G	60	chr9:130880067-130880157
## 4513	chr9 130880140	+	A	191	chr9:130880067-130880157
## 4514	chr9 130880140	-	A	60	chr9:130880067-130880157
## 4515	chr9 130880141	+	A	191	chr9:130880067-130880157

## 4516	chr9 130880141	-	A	60	chr9:130880067-130880157
## 4517	chr9 130880142	+	T	191	chr9:130880067-130880157
## 4518	chr9 130880142	-	T	60	chr9:130880067-130880157
## 4519	chr9 130880143	+	C	191	chr9:130880067-130880157
## 4520	chr9 130880143	-	C	60	chr9:130880067-130880157
## 4521	chr9 130880144	+	C	191	chr9:130880067-130880157
## 4522	chr9 130880144	-	C	60	chr9:130880067-130880157
## 4523	chr9 130880145	+	A	191	chr9:130880067-130880157
## 4524	chr9 130880145	-	A	60	chr9:130880067-130880157
## 4525	chr9 130880146	+	C	1	chr9:130880067-130880157
## 4526	chr9 130880146	+	G	189	chr9:130880067-130880157
## 4527	chr9 130880146	-	G	60	chr9:130880067-130880157
## 4528	chr9 130880147	+	T	178	chr9:130880067-130880157
## 4529	chr9 130880147	-	T	59	chr9:130880067-130880157
## 4530	chr9 130880148	+	A	166	chr9:130880067-130880157
## 4531	chr9 130880148	-	A	62	chr9:130880067-130880157
## 4532	chr9 130880148	+	G	1	chr9:130880067-130880157
## 4533	chr9 130880149	+	T	163	chr9:130880067-130880157
## 4534	chr9 130880149	-	T	81	chr9:130880067-130880157
## 4535	chr9 130880150	+	C	144	chr9:130880067-130880157
## 4536	chr9 130880150	-	C	87	chr9:130880067-130880157
## 4537	chr9 130880151	+	T	134	chr9:130880067-130880157
## 4538	chr9 130880151	-	T	100	chr9:130880067-130880157
## 4539	chr9 130880152	+	C	116	chr9:130880067-130880157
## 4540	chr9 130880152	-	C	91	chr9:130880067-130880157
## 4541	chr9 130880153	+	A	109	chr9:130880067-130880157
## 4542	chr9 130880153	-	A	96	chr9:130880067-130880157
## 4543	chr9 130880154	+	G	98	chr9:130880067-130880157
## 4544	chr9 130880154	-	G	86	chr9:130880067-130880157
## 4545	chr9 130880155	+	A	90	chr9:130880067-130880157
## 4546	chr9 130880155	-	A	115	chr9:130880067-130880157
## 4547	chr9 130880156	-	A	1	chr9:130880067-130880157
## 4548	chr9 130880156	+	C	90	chr9:130880067-130880157
## 4549	chr9 130880156	-	C	140	chr9:130880067-130880157
## 4550	chr9 130880157	+	A	1	chr9:130880067-130880157
## 4551	chr9 130880157	+	G	88	chr9:130880067-130880157
## 4552	chr9 130880157	-	G	145	chr9:130880067-130880157
## 4553	chr9 130880157	-	T	1	chr9:130880067-130880157
## 4554	chr9 130880499	+	G	286	chr9:130880499-130880664
## 4555	chr9 130880499	-	G	23	chr9:130880499-130880664
## 4556	chr9 130880500	+	A	268	chr9:130880499-130880664
## 4557	chr9 130880500	-	A	23	chr9:130880499-130880664
## 4558	chr9 130880501	+	A	262	chr9:130880499-130880664
## 4559	chr9 130880501	-	A	23	chr9:130880499-130880664
## 4560	chr9 130880501	+	G	1	chr9:130880499-130880664
## 4561	chr9 130880502	+	G	259	chr9:130880499-130880664
## 4562	chr9 130880502	-	G	22	chr9:130880499-130880664
## 4563	chr9 130880503	+	G	1	chr9:130880499-130880664
## 4564	chr9 130880503	+	T	245	chr9:130880499-130880664
## 4565	chr9 130880503	-	T	16	chr9:130880499-130880664
## 4566	chr9 130880504	+	G	230	chr9:130880499-130880664
## 4567	chr9 130880504	-	G	16	chr9:130880499-130880664
## 4568	chr9 130880505	+	G	214	chr9:130880499-130880664
## 4569	chr9 130880505	-	G	15	chr9:130880499-130880664

## 4570	chr9 130880506	+	A	205	chr9:130880499-130880664
## 4571	chr9 130880506	-	A	30	chr9:130880499-130880664
## 4572	chr9 130880507	+	A	217	chr9:130880499-130880664
## 4573	chr9 130880507	-	A	29	chr9:130880499-130880664
## 4574	chr9 130880508	+	A	205	chr9:130880499-130880664
## 4575	chr9 130880508	-	A	26	chr9:130880499-130880664
## 4576	chr9 130880509	+	A	195	chr9:130880499-130880664
## 4577	chr9 130880509	-	A	38	chr9:130880499-130880664
## 4578	chr9 130880510	+	G	203	chr9:130880499-130880664
## 4579	chr9 130880510	-	G	38	chr9:130880499-130880664
## 4580	chr9 130880511	+	G	192	chr9:130880499-130880664
## 4581	chr9 130880511	-	G	35	chr9:130880499-130880664
## 4582	chr9 130880512	+	A	203	chr9:130880499-130880664
## 4583	chr9 130880512	-	A	38	chr9:130880499-130880664
## 4584	chr9 130880512	+	C	1	chr9:130880499-130880664
## 4585	chr9 130880513	+	G	202	chr9:130880499-130880664
## 4586	chr9 130880513	-	G	36	chr9:130880499-130880664
## 4587	chr9 130880514	+	C	200	chr9:130880499-130880664
## 4588	chr9 130880514	-	C	33	chr9:130880499-130880664
## 4589	chr9 130880515	+	T	202	chr9:130880499-130880664
## 4590	chr9 130880515	-	T	37	chr9:130880499-130880664
## 4591	chr9 130880516	+	G	190	chr9:130880499-130880664
## 4592	chr9 130880516	-	G	43	chr9:130880499-130880664
## 4593	chr9 130880517	+	C	1	chr9:130880499-130880664
## 4594	chr9 130880517	+	G	206	chr9:130880499-130880664
## 4595	chr9 130880517	-	G	43	chr9:130880499-130880664
## 4596	chr9 130880518	+	G	206	chr9:130880499-130880664
## 4597	chr9 130880518	-	G	43	chr9:130880499-130880664
## 4598	chr9 130880519	+	G	208	chr9:130880499-130880664
## 4599	chr9 130880519	-	G	43	chr9:130880499-130880664
## 4600	chr9 130880520	+	A	208	chr9:130880499-130880664
## 4601	chr9 130880520	-	A	43	chr9:130880499-130880664
## 4602	chr9 130880521	+	A	208	chr9:130880499-130880664
## 4603	chr9 130880521	-	A	43	chr9:130880499-130880664
## 4604	chr9 130880522	+	A	208	chr9:130880499-130880664
## 4605	chr9 130880522	-	A	43	chr9:130880499-130880664
## 4606	chr9 130880523	+	C	208	chr9:130880499-130880664
## 4607	chr9 130880523	-	C	43	chr9:130880499-130880664
## 4608	chr9 130880524	+	A	208	chr9:130880499-130880664
## 4609	chr9 130880524	-	A	43	chr9:130880499-130880664
## 4610	chr9 130880525	+	A	206	chr9:130880499-130880664
## 4611	chr9 130880525	-	A	43	chr9:130880499-130880664
## 4612	chr9 130880526	+	G	207	chr9:130880499-130880664
## 4613	chr9 130880526	-	G	41	chr9:130880499-130880664
## 4614	chr9 130880526	+	T	1	chr9:130880499-130880664
## 4615	chr9 130880526	-	T	2	chr9:130880499-130880664
## 4616	chr9 130880527	+	G	208	chr9:130880499-130880664
## 4617	chr9 130880527	-	G	43	chr9:130880499-130880664
## 4618	chr9 130880528	+	C	208	chr9:130880499-130880664
## 4619	chr9 130880528	-	C	43	chr9:130880499-130880664
## 4620	chr9 130880529	+	G	208	chr9:130880499-130880664
## 4621	chr9 130880529	-	G	43	chr9:130880499-130880664
## 4622	chr9 130880530	+	A	1	chr9:130880499-130880664
## 4623	chr9 130880530	+	T	207	chr9:130880499-130880664

## 4624	chr9 130880530	-	T	43	chr9:130880499-130880664
## 4625	chr9 130880531	+	A	1	chr9:130880499-130880664
## 4626	chr9 130880531	+	C	207	chr9:130880499-130880664
## 4627	chr9 130880531	-	C	43	chr9:130880499-130880664
## 4628	chr9 130880532	+	C	208	chr9:130880499-130880664
## 4629	chr9 130880532	-	C	43	chr9:130880499-130880664
## 4630	chr9 130880533	+	G	208	chr9:130880499-130880664
## 4631	chr9 130880533	-	G	43	chr9:130880499-130880664
## 4632	chr9 130880534	+	T	208	chr9:130880499-130880664
## 4633	chr9 130880534	-	T	43	chr9:130880499-130880664
## 4634	chr9 130880535	+	G	208	chr9:130880499-130880664
## 4635	chr9 130880535	-	G	43	chr9:130880499-130880664
## 4636	chr9 130880536	+	G	208	chr9:130880499-130880664
## 4637	chr9 130880536	-	G	43	chr9:130880499-130880664
## 4638	chr9 130880537	+	G	208	chr9:130880499-130880664
## 4639	chr9 130880537	-	G	43	chr9:130880499-130880664
## 4640	chr9 130880538	+	G	208	chr9:130880499-130880664
## 4641	chr9 130880538	-	G	43	chr9:130880499-130880664
## 4642	chr9 130880539	+	A	1	chr9:130880499-130880664
## 4643	chr9 130880539	+	C	207	chr9:130880499-130880664
## 4644	chr9 130880539	-	C	43	chr9:130880499-130880664
## 4645	chr9 130880540	+	T	208	chr9:130880499-130880664
## 4646	chr9 130880540	-	T	43	chr9:130880499-130880664
## 4647	chr9 130880541	+	G	207	chr9:130880499-130880664
## 4648	chr9 130880541	-	G	43	chr9:130880499-130880664
## 4649	chr9 130880542	+	T	207	chr9:130880499-130880664
## 4650	chr9 130880542	-	T	43	chr9:130880499-130880664
## 4651	chr9 130880543	+	G	207	chr9:130880499-130880664
## 4652	chr9 130880543	-	G	43	chr9:130880499-130880664
## 4653	chr9 130880544	+	A	206	chr9:130880499-130880664
## 4654	chr9 130880544	-	A	43	chr9:130880499-130880664
## 4655	chr9 130880545	+	C	1	chr9:130880499-130880664
## 4656	chr9 130880545	+	G	206	chr9:130880499-130880664
## 4657	chr9 130880545	-	G	43	chr9:130880499-130880664
## 4658	chr9 130880546	+	T	208	chr9:130880499-130880664
## 4659	chr9 130880546	-	T	43	chr9:130880499-130880664
## 4660	chr9 130880547	+	A	208	chr9:130880499-130880664
## 4661	chr9 130880547	-	A	43	chr9:130880499-130880664
## 4662	chr9 130880548	+	C	208	chr9:130880499-130880664
## 4663	chr9 130880548	-	C	43	chr9:130880499-130880664
## 4664	chr9 130880549	+	C	208	chr9:130880499-130880664
## 4665	chr9 130880549	-	C	43	chr9:130880499-130880664
## 4666	chr9 130880550	-	C	1	chr9:130880499-130880664
## 4667	chr9 130880550	+	T	209	chr9:130880499-130880664
## 4668	chr9 130880550	-	T	42	chr9:130880499-130880664
## 4669	chr9 130880551	+	T	209	chr9:130880499-130880664
## 4670	chr9 130880551	-	T	43	chr9:130880499-130880664
## 4671	chr9 130880552	+	G	209	chr9:130880499-130880664
## 4672	chr9 130880552	-	G	43	chr9:130880499-130880664
## 4673	chr9 130880553	+	C	209	chr9:130880499-130880664
## 4674	chr9 130880553	-	C	43	chr9:130880499-130880664
## 4675	chr9 130880554	+	T	209	chr9:130880499-130880664
## 4676	chr9 130880554	-	T	42	chr9:130880499-130880664
## 4677	chr9 130880555	+	G	209	chr9:130880499-130880664

## 4678	chr9 130880555	-	G	42	chr9:130880499-130880664
## 4679	chr9 130880556	+	C	208	chr9:130880499-130880664
## 4680	chr9 130880556	-	C	42	chr9:130880499-130880664
## 4681	chr9 130880556	+	T	1	chr9:130880499-130880664
## 4682	chr9 130880557	+	A	209	chr9:130880499-130880664
## 4683	chr9 130880557	-	A	42	chr9:130880499-130880664
## 4684	chr9 130880558	+	G	209	chr9:130880499-130880664
## 4685	chr9 130880558	-	G	42	chr9:130880499-130880664
## 4686	chr9 130880559	+	G	209	chr9:130880499-130880664
## 4687	chr9 130880559	-	G	42	chr9:130880499-130880664
## 4688	chr9 130880560	+	C	208	chr9:130880499-130880664
## 4689	chr9 130880560	-	C	41	chr9:130880499-130880664
## 4690	chr9 130880560	-	G	1	chr9:130880499-130880664
## 4691	chr9 130880561	+	C	208	chr9:130880499-130880664
## 4692	chr9 130880561	-	C	42	chr9:130880499-130880664
## 4693	chr9 130880562	+	C	208	chr9:130880499-130880664
## 4694	chr9 130880562	-	C	42	chr9:130880499-130880664
## 4695	chr9 130880563	+	C	208	chr9:130880499-130880664
## 4696	chr9 130880563	-	C	42	chr9:130880499-130880664
## 4697	chr9 130880564	+	A	208	chr9:130880499-130880664
## 4698	chr9 130880564	-	A	42	chr9:130880499-130880664
## 4699	chr9 130880565	+	G	208	chr9:130880499-130880664
## 4700	chr9 130880565	-	G	42	chr9:130880499-130880664
## 4701	chr9 130880566	+	A	208	chr9:130880499-130880664
## 4702	chr9 130880566	-	A	42	chr9:130880499-130880664
## 4703	chr9 130880567	+	G	208	chr9:130880499-130880664
## 4704	chr9 130880567	-	G	42	chr9:130880499-130880664
## 4705	chr9 130880568	+	A	1	chr9:130880499-130880664
## 4706	chr9 130880568	+	C	207	chr9:130880499-130880664
## 4707	chr9 130880568	-	C	41	chr9:130880499-130880664
## 4708	chr9 130880569	+	T	209	chr9:130880499-130880664
## 4709	chr9 130880569	-	T	41	chr9:130880499-130880664
## 4710	chr9 130880570	+	G	209	chr9:130880499-130880664
## 4711	chr9 130880570	-	G	41	chr9:130880499-130880664
## 4712	chr9 130880571	+	C	209	chr9:130880499-130880664
## 4713	chr9 130880571	-	C	40	chr9:130880499-130880664
## 4714	chr9 130880572	+	C	210	chr9:130880499-130880664
## 4715	chr9 130880572	-	C	40	chr9:130880499-130880664
## 4716	chr9 130880573	+	A	5	chr9:130880499-130880664
## 4717	chr9 130880573	+	C	204	chr9:130880499-130880664
## 4718	chr9 130880573	-	C	40	chr9:130880499-130880664
## 4719	chr9 130880574	+	A	210	chr9:130880499-130880664
## 4720	chr9 130880574	-	A	40	chr9:130880499-130880664
## 4721	chr9 130880575	+	C	211	chr9:130880499-130880664
## 4722	chr9 130880575	-	C	40	chr9:130880499-130880664
## 4723	chr9 130880576	+	C	211	chr9:130880499-130880664
## 4724	chr9 130880576	-	C	40	chr9:130880499-130880664
## 4725	chr9 130880577	+	A	211	chr9:130880499-130880664
## 4726	chr9 130880577	-	A	40	chr9:130880499-130880664
## 4727	chr9 130880578	+	A	211	chr9:130880499-130880664
## 4728	chr9 130880578	-	A	40	chr9:130880499-130880664
## 4729	chr9 130880579	-	A	1	chr9:130880499-130880664
## 4730	chr9 130880579	+	G	211	chr9:130880499-130880664
## 4731	chr9 130880579	-	G	39	chr9:130880499-130880664

## 4732	chr9 130880580	+	A	206	chr9:130880499-130880664
## 4733	chr9 130880580	-	A	40	chr9:130880499-130880664
## 4734	chr9 130880581	+	C	205	chr9:130880499-130880664
## 4735	chr9 130880581	-	C	26	chr9:130880499-130880664
## 4736	chr9 130880582	+	A	3	chr9:130880499-130880664
## 4737	chr9 130880582	+	G	205	chr9:130880499-130880664
## 4738	chr9 130880582	-	G	27	chr9:130880499-130880664
## 4739	chr9 130880583	+	A	215	chr9:130880499-130880664
## 4740	chr9 130880583	-	A	30	chr9:130880499-130880664
## 4741	chr9 130880584	+	G	211	chr9:130880499-130880664
## 4742	chr9 130880584	-	G	22	chr9:130880499-130880664
## 4743	chr9 130880585	+	G	200	chr9:130880499-130880664
## 4744	chr9 130880585	-	G	34	chr9:130880499-130880664
## 4745	chr9 130880586	+	A	189	chr9:130880499-130880664
## 4746	chr9 130880586	-	A	50	chr9:130880499-130880664
## 4747	chr9 130880587	+	C	176	chr9:130880499-130880664
## 4748	chr9 130880587	-	C	53	chr9:130880499-130880664
## 4749	chr9 130880588	+	C	169	chr9:130880499-130880664
## 4750	chr9 130880588	-	C	74	chr9:130880499-130880664
## 4751	chr9 130880589	+	T	156	chr9:130880499-130880664
## 4752	chr9 130880589	-	T	81	chr9:130880499-130880664
## 4753	chr9 130880590	+	C	146	chr9:130880499-130880664
## 4754	chr9 130880590	-	C	83	chr9:130880499-130880664
## 4755	chr9 130880591	+	C	144	chr9:130880499-130880664
## 4756	chr9 130880591	-	C	97	chr9:130880499-130880664
## 4757	chr9 130880592	+	A	130	chr9:130880499-130880664
## 4758	chr9 130880592	-	A	103	chr9:130880499-130880664
## 4759	chr9 130880593	+	G	129	chr9:130880499-130880664
## 4760	chr9 130880593	-	G	110	chr9:130880499-130880664
## 4761	chr9 130880594	+	G	127	chr9:130880499-130880664
## 4762	chr9 130880594	-	G	119	chr9:130880499-130880664
## 4763	chr9 130880595	+	A	127	chr9:130880499-130880664
## 4764	chr9 130880595	-	A	121	chr9:130880499-130880664
## 4765	chr9 130880595	-	C	1	chr9:130880499-130880664
## 4766	chr9 130880595	+	T	1	chr9:130880499-130880664
## 4767	chr9 130880596	+	G	128	chr9:130880499-130880664
## 4768	chr9 130880596	-	G	121	chr9:130880499-130880664
## 4769	chr9 130880596	-	T	1	chr9:130880499-130880664
## 4770	chr9 130880597	+	A	128	chr9:130880499-130880664
## 4771	chr9 130880597	-	A	122	chr9:130880499-130880664
## 4772	chr9 130880598	+	G	128	chr9:130880499-130880664
## 4773	chr9 130880598	-	G	122	chr9:130880499-130880664
## 4774	chr9 130880599	+	C	128	chr9:130880499-130880664
## 4775	chr9 130880599	-	C	122	chr9:130880499-130880664
## 4776	chr9 130880600	+	T	127	chr9:130880499-130880664
## 4777	chr9 130880600	-	T	122	chr9:130880499-130880664
## 4778	chr9 130880601	+	G	126	chr9:130880499-130880664
## 4779	chr9 130880601	-	G	124	chr9:130880499-130880664
## 4780	chr9 130880602	+	C	126	chr9:130880499-130880664
## 4781	chr9 130880602	-	C	125	chr9:130880499-130880664
## 4782	chr9 130880603	+	A	126	chr9:130880499-130880664
## 4783	chr9 130880603	-	A	125	chr9:130880499-130880664
## 4784	chr9 130880604	+	G	126	chr9:130880499-130880664
## 4785	chr9 130880604	-	G	125	chr9:130880499-130880664

## 4786	chr9 130880605	+	A	126	chr9:130880499-130880664
## 4787	chr9 130880605	-	A	125	chr9:130880499-130880664
## 4788	chr9 130880606	+	A	1	chr9:130880499-130880664
## 4789	chr9 130880606	+	G	125	chr9:130880499-130880664
## 4790	chr9 130880606	-	G	125	chr9:130880499-130880664
## 4791	chr9 130880607	+	C	126	chr9:130880499-130880664
## 4792	chr9 130880607	-	C	125	chr9:130880499-130880664
## 4793	chr9 130880608	+	A	124	chr9:130880499-130880664
## 4794	chr9 130880608	-	A	126	chr9:130880499-130880664
## 4795	chr9 130880608	+	G	1	chr9:130880499-130880664
## 4796	chr9 130880609	+	C	125	chr9:130880499-130880664
## 4797	chr9 130880609	-	C	126	chr9:130880499-130880664
## 4798	chr9 130880610	+	A	125	chr9:130880499-130880664
## 4799	chr9 130880610	-	A	125	chr9:130880499-130880664
## 4800	chr9 130880610	-	T	1	chr9:130880499-130880664
## 4801	chr9 130880611	+	G	125	chr9:130880499-130880664
## 4802	chr9 130880611	-	G	126	chr9:130880499-130880664
## 4803	chr9 130880612	+	A	125	chr9:130880499-130880664
## 4804	chr9 130880612	-	A	126	chr9:130880499-130880664
## 4805	chr9 130880613	+	G	124	chr9:130880499-130880664
## 4806	chr9 130880613	-	G	127	chr9:130880499-130880664
## 4807	chr9 130880614	+	A	123	chr9:130880499-130880664
## 4808	chr9 130880614	-	A	128	chr9:130880499-130880664
## 4809	chr9 130880615	+	C	123	chr9:130880499-130880664
## 4810	chr9 130880615	-	C	128	chr9:130880499-130880664
## 4811	chr9 130880616	+	A	123	chr9:130880499-130880664
## 4812	chr9 130880616	-	A	128	chr9:130880499-130880664
## 4813	chr9 130880617	+	C	122	chr9:130880499-130880664
## 4814	chr9 130880617	-	C	129	chr9:130880499-130880664
## 4815	chr9 130880618	+	C	122	chr9:130880499-130880664
## 4816	chr9 130880618	-	C	129	chr9:130880499-130880664
## 4817	chr9 130880619	+	A	121	chr9:130880499-130880664
## 4818	chr9 130880619	-	A	130	chr9:130880499-130880664
## 4819	chr9 130880620	+	C	120	chr9:130880499-130880664
## 4820	chr9 130880620	-	C	130	chr9:130880499-130880664
## 4821	chr9 130880621	+	T	119	chr9:130880499-130880664
## 4822	chr9 130880621	-	T	130	chr9:130880499-130880664
## 4823	chr9 130880622	-	A	1	chr9:130880499-130880664
## 4824	chr9 130880622	+	G	120	chr9:130880499-130880664
## 4825	chr9 130880622	-	G	129	chr9:130880499-130880664
## 4826	chr9 130880623	+	A	118	chr9:130880499-130880664
## 4827	chr9 130880623	-	A	130	chr9:130880499-130880664
## 4828	chr9 130880623	+	C	1	chr9:130880499-130880664
## 4829	chr9 130880623	+	T	1	chr9:130880499-130880664
## 4830	chr9 130880624	+	C	120	chr9:130880499-130880664
## 4831	chr9 130880624	-	C	129	chr9:130880499-130880664
## 4832	chr9 130880624	-	T	1	chr9:130880499-130880664
## 4833	chr9 130880625	+	G	120	chr9:130880499-130880664
## 4834	chr9 130880625	-	G	130	chr9:130880499-130880664
## 4835	chr9 130880626	+	G	1	chr9:130880499-130880664
## 4836	chr9 130880626	+	T	119	chr9:130880499-130880664
## 4837	chr9 130880626	-	T	130	chr9:130880499-130880664
## 4838	chr9 130880627	+	G	120	chr9:130880499-130880664
## 4839	chr9 130880627	-	G	130	chr9:130880499-130880664

## 4840	chr9 130880628	+	C	120	chr9:130880499-130880664
## 4841	chr9 130880628	-	C	130	chr9:130880499-130880664
## 4842	chr9 130880629	+	C	120	chr9:130880499-130880664
## 4843	chr9 130880629	-	C	130	chr9:130880499-130880664
## 4844	chr9 130880630	-	G	1	chr9:130880499-130880664
## 4845	chr9 130880630	+	T	119	chr9:130880499-130880664
## 4846	chr9 130880630	-	T	130	chr9:130880499-130880664
## 4847	chr9 130880631	+	G	118	chr9:130880499-130880664
## 4848	chr9 130880631	-	G	132	chr9:130880499-130880664
## 4849	chr9 130880632	+	A	118	chr9:130880499-130880664
## 4850	chr9 130880632	-	A	132	chr9:130880499-130880664
## 4851	chr9 130880633	+	G	118	chr9:130880499-130880664
## 4852	chr9 130880633	-	G	132	chr9:130880499-130880664
## 4853	chr9 130880634	+	A	117	chr9:130880499-130880664
## 4854	chr9 130880634	-	A	132	chr9:130880499-130880664
## 4855	chr9 130880634	+	C	1	chr9:130880499-130880664
## 4856	chr9 130880635	+	T	117	chr9:130880499-130880664
## 4857	chr9 130880635	-	T	133	chr9:130880499-130880664
## 4858	chr9 130880636	+	G	117	chr9:130880499-130880664
## 4859	chr9 130880636	-	G	132	chr9:130880499-130880664
## 4860	chr9 130880637	+	C	118	chr9:130880499-130880664
## 4861	chr9 130880637	-	C	132	chr9:130880499-130880664
## 4862	chr9 130880638	-	A	1	chr9:130880499-130880664
## 4863	chr9 130880638	+	C	117	chr9:130880499-130880664
## 4864	chr9 130880638	-	C	132	chr9:130880499-130880664
## 4865	chr9 130880639	+	T	116	chr9:130880499-130880664
## 4866	chr9 130880639	-	T	133	chr9:130880499-130880664
## 4867	chr9 130880640	+	C	115	chr9:130880499-130880664
## 4868	chr9 130880640	-	C	135	chr9:130880499-130880664
## 4869	chr9 130880641	+	A	113	chr9:130880499-130880664
## 4870	chr9 130880641	-	A	135	chr9:130880499-130880664
## 4871	chr9 130880641	-	G	1	chr9:130880499-130880664
## 4872	chr9 130880642	+	A	1	chr9:130880499-130880664
## 4873	chr9 130880642	+	C	114	chr9:130880499-130880664
## 4874	chr9 130880642	-	C	135	chr9:130880499-130880664
## 4875	chr9 130880643	+	T	114	chr9:130880499-130880664
## 4876	chr9 130880643	-	T	136	chr9:130880499-130880664
## 4877	chr9 130880644	+	C	113	chr9:130880499-130880664
## 4878	chr9 130880644	-	C	136	chr9:130880499-130880664
## 4879	chr9 130880645	+	C	114	chr9:130880499-130880664
## 4880	chr9 130880645	-	C	136	chr9:130880499-130880664
## 4881	chr9 130880646	+	A	113	chr9:130880499-130880664
## 4882	chr9 130880646	-	A	137	chr9:130880499-130880664
## 4883	chr9 130880647	+	A	113	chr9:130880499-130880664
## 4884	chr9 130880647	-	A	137	chr9:130880499-130880664
## 4885	chr9 130880648	+	G	112	chr9:130880499-130880664
## 4886	chr9 130880648	-	G	137	chr9:130880499-130880664
## 4887	chr9 130880649	+	G	112	chr9:130880499-130880664
## 4888	chr9 130880649	-	G	138	chr9:130880499-130880664
## 4889	chr9 130880650	+	G	112	chr9:130880499-130880664
## 4890	chr9 130880650	-	G	138	chr9:130880499-130880664
## 4891	chr9 130880651	-	A	1	chr9:130880499-130880664
## 4892	chr9 130880651	+	C	111	chr9:130880499-130880664
## 4893	chr9 130880651	-	C	138	chr9:130880499-130880664

## 4894	chr9 130880652	+	C	111	chr9:130880499-130880664
## 4895	chr9 130880652	-	C	138	chr9:130880499-130880664
## 4896	chr9 130880653	+	A	111	chr9:130880499-130880664
## 4897	chr9 130880653	-	A	139	chr9:130880499-130880664
## 4898	chr9 130880654	+	G	111	chr9:130880499-130880664
## 4899	chr9 130880654	-	G	139	chr9:130880499-130880664
## 4900	chr9 130880655	+	G	110	chr9:130880499-130880664
## 4901	chr9 130880655	-	G	140	chr9:130880499-130880664
## 4902	chr9 130880656	+	G	105	chr9:130880499-130880664
## 4903	chr9 130880656	-	G	140	chr9:130880499-130880664
## 4904	chr9 130880657	+	A	88	chr9:130880499-130880664
## 4905	chr9 130880657	-	A	143	chr9:130880499-130880664
## 4906	chr9 130880658	+	G	78	chr9:130880499-130880664
## 4907	chr9 130880658	-	G	142	chr9:130880499-130880664
## 4908	chr9 130880659	+	A	76	chr9:130880499-130880664
## 4909	chr9 130880659	-	A	153	chr9:130880499-130880664
## 4910	chr9 130880660	+	G	73	chr9:130880499-130880664
## 4911	chr9 130880660	-	G	148	chr9:130880499-130880664
## 4912	chr9 130880661	+	A	72	chr9:130880499-130880664
## 4913	chr9 130880661	-	A	134	chr9:130880499-130880664
## 4914	chr9 130880662	-	A	2	chr9:130880499-130880664
## 4915	chr9 130880662	+	G	69	chr9:130880499-130880664
## 4916	chr9 130880662	-	G	127	chr9:130880499-130880664
## 4917	chr9 130880663	+	C	68	chr9:130880499-130880664
## 4918	chr9 130880663	-	C	119	chr9:130880499-130880664
## 4919	chr9 130880664	+	A	1	chr9:130880499-130880664
## 4920	chr9 130880664	-	A	1	chr9:130880499-130880664
## 4921	chr9 130880664	+	G	72	chr9:130880499-130880664
## 4922	chr9 130880664	-	G	112	chr9:130880499-130880664
## 4923	chr9 130880664	+	T	1	chr9:130880499-130880664
## 4924	chr9 130883968	+	G	282	chr9:130883968-130887675
## 4925	chr9 130883968	-	G	26	chr9:130883968-130887675
## 4926	chr9 130883969	+	A	276	chr9:130883968-130887675
## 4927	chr9 130883969	-	A	26	chr9:130883968-130887675
## 4928	chr9 130883970	+	A	1	chr9:130883968-130887675
## 4929	chr9 130883970	+	T	269	chr9:130883968-130887675
## 4930	chr9 130883970	-	T	26	chr9:130883968-130887675
## 4931	chr9 130883971	+	C	266	chr9:130883968-130887675
## 4932	chr9 130883971	-	C	26	chr9:130883968-130887675
## 4933	chr9 130883972	+	C	249	chr9:130883968-130887675
## 4934	chr9 130883972	-	C	25	chr9:130883968-130887675
## 4935	chr9 130883973	+	T	230	chr9:130883968-130887675
## 4936	chr9 130883973	-	T	24	chr9:130883968-130887675
## 4937	chr9 130883974	+	A	2	chr9:130883968-130887675
## 4938	chr9 130883974	+	C	206	chr9:130883968-130887675
## 4939	chr9 130883974	-	C	21	chr9:130883968-130887675
## 4940	chr9 130883975	-	A	1	chr9:130883968-130887675
## 4941	chr9 130883975	+	G	2	chr9:130883968-130887675
## 4942	chr9 130883975	+	T	198	chr9:130883968-130887675
## 4943	chr9 130883975	-	T	27	chr9:130883968-130887675
## 4944	chr9 130883976	+	A	2	chr9:130883968-130887675
## 4945	chr9 130883976	+	G	181	chr9:130883968-130887675
## 4946	chr9 130883976	-	G	31	chr9:130883968-130887675
## 4947	chr9 130883977	+	G	189	chr9:130883968-130887675

## 4948	chr9 130883977	-	G	37	chr9:130883968-130887675
## 4949	chr9 130883978	+	A	193	chr9:130883968-130887675
## 4950	chr9 130883978	-	A	37	chr9:130883968-130887675
## 4951	chr9 130883979	+	C	205	chr9:130883968-130887675
## 4952	chr9 130883979	-	C	36	chr9:130883968-130887675
## 4953	chr9 130883980	+	C	192	chr9:130883968-130887675
## 4954	chr9 130883980	-	C	32	chr9:130883968-130887675
## 4955	chr9 130883981	+	A	196	chr9:130883968-130887675
## 4956	chr9 130883981	-	A	29	chr9:130883968-130887675
## 4957	chr9 130883982	+	T	191	chr9:130883968-130887675
## 4958	chr9 130883982	-	T	32	chr9:130883968-130887675
## 4959	chr9 130883983	+	G	184	chr9:130883968-130887675
## 4960	chr9 130883983	-	G	37	chr9:130883968-130887675
## 4961	chr9 130883983	+	T	2	chr9:130883968-130887675
## 4962	chr9 130883984	+	A	190	chr9:130883968-130887675
## 4963	chr9 130883984	-	A	47	chr9:130883968-130887675
## 4964	chr9 130883985	+	G	195	chr9:130883968-130887675
## 4965	chr9 130883985	-	G	49	chr9:130883968-130887675
## 4966	chr9 130883986	+	C	201	chr9:130883968-130887675
## 4967	chr9 130883986	-	C	49	chr9:130883968-130887675
## 4968	chr9 130883987	+	C	201	chr9:130883968-130887675
## 4969	chr9 130883987	-	C	49	chr9:130883968-130887675
## 4970	chr9 130883988	+	T	201	chr9:130883968-130887675
## 4971	chr9 130883988	-	T	49	chr9:130883968-130887675
## 4972	chr9 130883989	+	G	201	chr9:130883968-130887675
## 4973	chr9 130883989	-	G	49	chr9:130883968-130887675
## 4974	chr9 130883990	+	C	201	chr9:130883968-130887675
## 4975	chr9 130883990	-	C	49	chr9:130883968-130887675
## 4976	chr9 130883991	+	C	201	chr9:130883968-130887675
## 4977	chr9 130883991	-	C	49	chr9:130883968-130887675
## 4978	chr9 130883992	+	G	201	chr9:130883968-130887675
## 4979	chr9 130883992	-	G	49	chr9:130883968-130887675
## 4980	chr9 130883993	-	G	1	chr9:130883968-130887675
## 4981	chr9 130883993	+	T	201	chr9:130883968-130887675
## 4982	chr9 130883993	-	T	48	chr9:130883968-130887675
## 4983	chr9 130883994	+	G	201	chr9:130883968-130887675
## 4984	chr9 130883994	-	G	49	chr9:130883968-130887675
## 4985	chr9 130883995	+	T	201	chr9:130883968-130887675
## 4986	chr9 130883995	-	T	49	chr9:130883968-130887675
## 4987	chr9 130883996	+	C	201	chr9:130883968-130887675
## 4988	chr9 130883996	-	C	49	chr9:130883968-130887675
## 4989	chr9 130883997	+	T	201	chr9:130883968-130887675
## 4990	chr9 130883997	-	T	49	chr9:130883968-130887675
## 4991	chr9 130883998	+	C	200	chr9:130883968-130887675
## 4992	chr9 130883998	-	C	50	chr9:130883968-130887675
## 4993	chr9 130883999	+	C	200	chr9:130883968-130887675
## 4994	chr9 130883999	-	C	50	chr9:130883968-130887675
## 4995	chr9 130884000	+	A	199	chr9:130883968-130887675
## 4996	chr9 130884000	-	A	50	chr9:130883968-130887675
## 4997	chr9 130884000	+	G	1	chr9:130883968-130887675
## 4998	chr9 130884001	+	T	200	chr9:130883968-130887675
## 4999	chr9 130884001	-	T	50	chr9:130883968-130887675
## 5000	chr9 130884002	+	T	200	chr9:130883968-130887675
## 5001	chr9 130884002	-	T	50	chr9:130883968-130887675

## 5002	chr9 130884003	+	G	200	chr9:130883968-130887675
## 5003	chr9 130884003	-	G	50	chr9:130883968-130887675
## 5004	chr9 130884004	+	C	200	chr9:130883968-130887675
## 5005	chr9 130884004	-	C	50	chr9:130883968-130887675
## 5006	chr9 130884005	+	T	200	chr9:130883968-130887675
## 5007	chr9 130884005	-	T	50	chr9:130883968-130887675
## 5008	chr9 130884006	-	-	1	chr9:130883968-130887675
## 5009	chr9 130884006	+	C	200	chr9:130883968-130887675
## 5010	chr9 130884006	-	C	49	chr9:130883968-130887675
## 5011	chr9 130884007	+	C	200	chr9:130883968-130887675
## 5012	chr9 130884007	-	C	50	chr9:130883968-130887675
## 5013	chr9 130884008	+	C	200	chr9:130883968-130887675
## 5014	chr9 130884008	-	C	50	chr9:130883968-130887675
## 5015	chr9 130884009	-	G	1	chr9:130883968-130887675
## 5016	chr9 130884009	+	T	198	chr9:130883968-130887675
## 5017	chr9 130884009	-	T	49	chr9:130883968-130887675
## 5018	chr9 130884010	+	C	200	chr9:130883968-130887675
## 5019	chr9 130884010	-	C	50	chr9:130883968-130887675
## 5020	chr9 130884011	+	G	200	chr9:130883968-130887675
## 5021	chr9 130884011	-	G	50	chr9:130883968-130887675
## 5022	chr9 130884012	+	A	200	chr9:130883968-130887675
## 5023	chr9 130884012	-	A	50	chr9:130883968-130887675
## 5024	chr9 130884013	+	A	201	chr9:130883968-130887675
## 5025	chr9 130884013	-	A	49	chr9:130883968-130887675
## 5026	chr9 130884014	+	A	201	chr9:130883968-130887675
## 5027	chr9 130884014	-	A	49	chr9:130883968-130887675
## 5028	chr9 130884015	+	A	202	chr9:130883968-130887675
## 5029	chr9 130884015	-	A	49	chr9:130883968-130887675
## 5030	chr9 130884016	+	G	202	chr9:130883968-130887675
## 5031	chr9 130884016	-	G	49	chr9:130883968-130887675
## 5032	chr9 130884017	+	A	202	chr9:130883968-130887675
## 5033	chr9 130884017	-	A	49	chr9:130883968-130887675
## 5034	chr9 130884018	+	G	202	chr9:130883968-130887675
## 5035	chr9 130884018	-	G	49	chr9:130883968-130887675
## 5036	chr9 130884019	+	C	202	chr9:130883968-130887675
## 5037	chr9 130884019	-	C	49	chr9:130883968-130887675
## 5038	chr9 130884020	+	G	202	chr9:130883968-130887675
## 5039	chr9 130884020	-	G	49	chr9:130883968-130887675
## 5040	chr9 130884021	+	A	202	chr9:130883968-130887675
## 5041	chr9 130884021	-	A	49	chr9:130883968-130887675
## 5042	chr9 130884022	+	A	1	chr9:130883968-130887675
## 5043	chr9 130884022	+	G	200	chr9:130883968-130887675
## 5044	chr9 130884022	-	G	49	chr9:130883968-130887675
## 5045	chr9 130884023	+	G	200	chr9:130883968-130887675
## 5046	chr9 130884023	-	G	49	chr9:130883968-130887675
## 5047	chr9 130884024	+	A	1	chr9:130883968-130887675
## 5048	chr9 130884024	+	T	200	chr9:130883968-130887675
## 5049	chr9 130884024	-	T	49	chr9:130883968-130887675
## 5050	chr9 130884025	+	C	201	chr9:130883968-130887675
## 5051	chr9 130884025	-	C	49	chr9:130883968-130887675
## 5052	chr9 130884026	+	C	201	chr9:130883968-130887675
## 5053	chr9 130884026	-	C	49	chr9:130883968-130887675
## 5054	chr9 130884027	+	C	201	chr9:130883968-130887675
## 5055	chr9 130884027	-	C	49	chr9:130883968-130887675

## 5056	chr9 130884028	+	C	201	chr9:130883968-130887675
## 5057	chr9 130884028	-	C	49	chr9:130883968-130887675
## 5058	chr9 130884029	+	C	201	chr9:130883968-130887675
## 5059	chr9 130884029	-	C	49	chr9:130883968-130887675
## 5060	chr9 130884030	-	A	1	chr9:130883968-130887675
## 5061	chr9 130884030	+	G	201	chr9:130883968-130887675
## 5062	chr9 130884030	-	G	48	chr9:130883968-130887675
## 5063	chr9 130884031	+	G	201	chr9:130883968-130887675
## 5064	chr9 130884031	-	G	49	chr9:130883968-130887675
## 5065	chr9 130884032	+	A	200	chr9:130883968-130887675
## 5066	chr9 130884032	-	A	49	chr9:130883968-130887675
## 5067	chr9 130884032	+	G	1	chr9:130883968-130887675
## 5068	chr9 130884033	+	G	201	chr9:130883968-130887675
## 5069	chr9 130884033	-	G	49	chr9:130883968-130887675
## 5070	chr9 130884034	+	G	201	chr9:130883968-130887675
## 5071	chr9 130884034	-	G	49	chr9:130883968-130887675
## 5072	chr9 130884035	-	A	3	chr9:130883968-130887675
## 5073	chr9 130884035	+	G	201	chr9:130883968-130887675
## 5074	chr9 130884035	-	G	46	chr9:130883968-130887675
## 5075	chr9 130884036	+	C	201	chr9:130883968-130887675
## 5076	chr9 130884036	-	C	48	chr9:130883968-130887675
## 5077	chr9 130884037	+	G	202	chr9:130883968-130887675
## 5078	chr9 130884037	-	G	48	chr9:130883968-130887675
## 5079	chr9 130884038	+	C	2	chr9:130883968-130887675
## 5080	chr9 130884038	+	G	199	chr9:130883968-130887675
## 5081	chr9 130884038	-	G	48	chr9:130883968-130887675
## 5082	chr9 130884039	+	C	203	chr9:130883968-130887675
## 5083	chr9 130884039	-	C	48	chr9:130883968-130887675
## 5084	chr9 130884040	+	C	202	chr9:130883968-130887675
## 5085	chr9 130884040	-	C	48	chr9:130883968-130887675
## 5086	chr9 130884041	+	G	1	chr9:130883968-130887675
## 5087	chr9 130884041	+	T	201	chr9:130883968-130887675
## 5088	chr9 130884041	-	T	48	chr9:130883968-130887675
## 5089	chr9 130884042	+	G	202	chr9:130883968-130887675
## 5090	chr9 130884042	-	G	48	chr9:130883968-130887675
## 5091	chr9 130884043	+	A	202	chr9:130883968-130887675
## 5092	chr9 130884043	-	A	48	chr9:130883968-130887675
## 5093	chr9 130884044	+	A	202	chr9:130883968-130887675
## 5094	chr9 130884044	-	A	48	chr9:130883968-130887675
## 5095	chr9 130884045	+	T	202	chr9:130883968-130887675
## 5096	chr9 130884045	-	T	47	chr9:130883968-130887675
## 5097	chr9 130884046	+	G	203	chr9:130883968-130887675
## 5098	chr9 130884046	-	G	47	chr9:130883968-130887675
## 5099	chr9 130884047	+	A	203	chr9:130883968-130887675
## 5100	chr9 130884047	-	A	47	chr9:130883968-130887675
## 5101	chr9 130884048	+	A	203	chr9:130883968-130887675
## 5102	chr9 130884048	-	A	47	chr9:130883968-130887675
## 5103	chr9 130884049	+	G	203	chr9:130883968-130887675
## 5104	chr9 130884049	-	G	47	chr9:130883968-130887675
## 5105	chr9 130884050	+	A	191	chr9:130883968-130887675
## 5106	chr9 130884050	-	A	40	chr9:130883968-130887675
## 5107	chr9 130884050	+	C	1	chr9:130883968-130887675
## 5108	chr9 130884051	+	T	208	chr9:130883968-130887675
## 5109	chr9 130884051	-	T	34	chr9:130883968-130887675

## 5110	chr9 130884052	+	G	204	chr9:130883968-130887675
## 5111	chr9 130884052	-	G	30	chr9:130883968-130887675
## 5112	chr9 130884053	+	A	202	chr9:130883968-130887675
## 5113	chr9 130884053	-	A	29	chr9:130883968-130887675
## 5114	chr9 130884054	+	G	203	chr9:130883968-130887675
## 5115	chr9 130884054	-	G	29	chr9:130883968-130887675
## 5116	chr9 130884055	+	A	1	chr9:130883968-130887675
## 5117	chr9 130884055	+	C	198	chr9:130883968-130887675
## 5118	chr9 130884055	-	C	40	chr9:130883968-130887675
## 5119	chr9 130884055	+	G	1	chr9:130883968-130887675
## 5120	chr9 130884056	+	A	1	chr9:130883968-130887675
## 5121	chr9 130884056	-	A	5	chr9:130883968-130887675
## 5122	chr9 130884056	+	G	196	chr9:130883968-130887675
## 5123	chr9 130884056	-	G	30	chr9:130883968-130887675
## 5124	chr9 130884057	+	C	201	chr9:130883968-130887675
## 5125	chr9 130884057	-	C	31	chr9:130883968-130887675
## 5126	chr9 130884058	+	C	214	chr9:130883968-130887675
## 5127	chr9 130884058	-	C	24	chr9:130883968-130887675
## 5128	chr9 130884059	+	T	215	chr9:130883968-130887675
## 5129	chr9 130884059	-	T	14	chr9:130883968-130887675
## 5130	chr9 130884060	+	A	1	chr9:130883968-130887675
## 5131	chr9 130884060	+	T	221	chr9:130883968-130887675
## 5132	chr9 130884060	-	T	20	chr9:130883968-130887675
## 5133	chr9 130884061	+	C	225	chr9:130883968-130887675
## 5134	chr9 130884061	-	C	21	chr9:130883968-130887675
## 5135	chr9 130884062	+	A	1	chr9:130883968-130887675
## 5136	chr9 130884062	+	T	228	chr9:130883968-130887675
## 5137	chr9 130884062	-	T	21	chr9:130883968-130887675
## 5138	chr9 130884063	+	C	229	chr9:130883968-130887675
## 5139	chr9 130884063	-	C	21	chr9:130883968-130887675
## 5140	chr9 130884064	+	C	229	chr9:130883968-130887675
## 5141	chr9 130884064	-	C	21	chr9:130883968-130887675
## 5142	chr9 130884065	+	A	2	chr9:130883968-130887675
## 5143	chr9 130884065	+	C	227	chr9:130883968-130887675
## 5144	chr9 130884065	-	C	20	chr9:130883968-130887675
## 5145	chr9 130884066	+	C	230	chr9:130883968-130887675
## 5146	chr9 130884066	-	C	20	chr9:130883968-130887675
## 5147	chr9 130884067	+	A	230	chr9:130883968-130887675
## 5148	chr9 130884067	-	A	20	chr9:130883968-130887675
## 5149	chr9 130884068	+	A	230	chr9:130883968-130887675
## 5150	chr9 130884068	-	A	20	chr9:130883968-130887675
## 5151	chr9 130884069	+	A	230	chr9:130883968-130887675
## 5152	chr9 130884069	-	A	20	chr9:130883968-130887675
## 5153	chr9 130884070	+	G	230	chr9:130883968-130887675
## 5154	chr9 130884070	-	G	20	chr9:130883968-130887675
## 5155	chr9 130884071	+	A	230	chr9:130883968-130887675
## 5156	chr9 130884071	-	A	20	chr9:130883968-130887675
## 5157	chr9 130884072	+	C	230	chr9:130883968-130887675
## 5158	chr9 130884072	-	C	20	chr9:130883968-130887675
## 5159	chr9 130884073	+	A	231	chr9:130883968-130887675
## 5160	chr9 130884073	-	A	20	chr9:130883968-130887675
## 5161	chr9 130884074	+	A	231	chr9:130883968-130887675
## 5162	chr9 130884074	-	A	20	chr9:130883968-130887675
## 5163	chr9 130884075	+	A	231	chr9:130883968-130887675

## 5164	chr9 130884075	-	A	20	chr9:130883968-130887675
## 5165	chr9 130884076	+	A	231	chr9:130883968-130887675
## 5166	chr9 130884076	-	A	20	chr9:130883968-130887675
## 5167	chr9 130884077	+	A	231	chr9:130883968-130887675
## 5168	chr9 130884077	-	A	19	chr9:130883968-130887675
## 5169	chr9 130884077	-	T	1	chr9:130883968-130887675
## 5170	chr9 130884078	+	G	231	chr9:130883968-130887675
## 5171	chr9 130884078	-	G	20	chr9:130883968-130887675
## 5172	chr9 130884079	+	A	229	chr9:130883968-130887675
## 5173	chr9 130884079	-	A	20	chr9:130883968-130887675
## 5174	chr9 130884079	+	C	2	chr9:130883968-130887675
## 5175	chr9 130884080	+	C	231	chr9:130883968-130887675
## 5176	chr9 130884080	-	C	20	chr9:130883968-130887675
## 5177	chr9 130884081	+	C	230	chr9:130883968-130887675
## 5178	chr9 130884081	-	C	20	chr9:130883968-130887675
## 5179	chr9 130884082	+	A	230	chr9:130883968-130887675
## 5180	chr9 130884082	-	A	20	chr9:130883968-130887675
## 5181	chr9 130884083	+	A	230	chr9:130883968-130887675
## 5182	chr9 130884083	-	A	20	chr9:130883968-130887675
## 5183	chr9 130884084	+	C	230	chr9:130883968-130887675
## 5184	chr9 130884084	-	C	20	chr9:130883968-130887675
## 5185	chr9 130884085	+	T	228	chr9:130883968-130887675
## 5186	chr9 130884085	-	T	20	chr9:130883968-130887675
## 5187	chr9 130884086	+	T	230	chr9:130883968-130887675
## 5188	chr9 130884086	-	T	20	chr9:130883968-130887675
## 5189	chr9 130884087	+	G	230	chr9:130883968-130887675
## 5190	chr9 130884087	-	G	20	chr9:130883968-130887675
## 5191	chr9 130884088	+	G	1	chr9:130883968-130887675
## 5192	chr9 130884088	+	T	229	chr9:130883968-130887675
## 5193	chr9 130884088	-	T	20	chr9:130883968-130887675
## 5194	chr9 130884089	+	T	230	chr9:130883968-130887675
## 5195	chr9 130884089	-	T	20	chr9:130883968-130887675
## 5196	chr9 130884090	+	C	230	chr9:130883968-130887675
## 5197	chr9 130884090	-	C	20	chr9:130883968-130887675
## 5198	chr9 130884091	+	A	229	chr9:130883968-130887675
## 5199	chr9 130884091	-	A	20	chr9:130883968-130887675
## 5200	chr9 130884092	+	G	231	chr9:130883968-130887675
## 5201	chr9 130884092	-	G	20	chr9:130883968-130887675
## 5202	chr9 130884093	+	C	231	chr9:130883968-130887675
## 5203	chr9 130884093	-	C	20	chr9:130883968-130887675
## 5204	chr9 130884094	+	G	231	chr9:130883968-130887675
## 5205	chr9 130884094	-	G	20	chr9:130883968-130887675
## 5206	chr9 130884095	+	C	231	chr9:130883968-130887675
## 5207	chr9 130884095	-	C	20	chr9:130883968-130887675
## 5208	chr9 130884096	+	C	231	chr9:130883968-130887675
## 5209	chr9 130884096	-	C	20	chr9:130883968-130887675
## 5210	chr9 130884097	+	T	230	chr9:130883968-130887675
## 5211	chr9 130884097	-	T	20	chr9:130883968-130887675
## 5212	chr9 130884098	+	T	230	chr9:130883968-130887675
## 5213	chr9 130884098	-	T	20	chr9:130883968-130887675
## 5214	chr9 130884099	+	G	224	chr9:130883968-130887675
## 5215	chr9 130884099	-	G	20	chr9:130883968-130887675
## 5216	chr9 130884099	+	T	5	chr9:130883968-130887675
## 5217	chr9 130884100	+	A	230	chr9:130883968-130887675

## 5218	chr9 130884100	-	A	20	chr9:130883968-130887675
## 5219	chr9 130884101	+	T	230	chr9:130883968-130887675
## 5220	chr9 130884101	-	T	20	chr9:130883968-130887675
## 5221	chr9 130884102	+	A	1	chr9:130883968-130887675
## 5222	chr9 130884102	+	C	229	chr9:130883968-130887675
## 5223	chr9 130884102	-	C	20	chr9:130883968-130887675
## 5224	chr9 130884103	+	A	230	chr9:130883968-130887675
## 5225	chr9 130884103	-	A	20	chr9:130883968-130887675
## 5226	chr9 130884104	+	A	229	chr9:130883968-130887675
## 5227	chr9 130884104	-	A	20	chr9:130883968-130887675
## 5228	chr9 130884104	+	T	1	chr9:130883968-130887675
## 5229	chr9 130884105	+	C	1	chr9:130883968-130887675
## 5230	chr9 130884105	+	G	229	chr9:130883968-130887675
## 5231	chr9 130884105	-	G	20	chr9:130883968-130887675
## 5232	chr9 130884106	+	A	230	chr9:130883968-130887675
## 5233	chr9 130884106	-	A	20	chr9:130883968-130887675
## 5234	chr9 130884107	+	A	230	chr9:130883968-130887675
## 5235	chr9 130884107	-	A	20	chr9:130883968-130887675
## 5236	chr9 130884108	+	G	231	chr9:130883968-130887675
## 5237	chr9 130884108	-	G	20	chr9:130883968-130887675
## 5238	chr9 130884109	+	A	231	chr9:130883968-130887675
## 5239	chr9 130884109	-	A	20	chr9:130883968-130887675
## 5240	chr9 130884110	+	A	231	chr9:130883968-130887675
## 5241	chr9 130884110	-	A	20	chr9:130883968-130887675
## 5242	chr9 130884111	+	G	231	chr9:130883968-130887675
## 5243	chr9 130884111	-	G	20	chr9:130883968-130887675
## 5244	chr9 130884112	+	A	230	chr9:130883968-130887675
## 5245	chr9 130884112	-	A	20	chr9:130883968-130887675
## 5246	chr9 130884113	+	A	230	chr9:130883968-130887675
## 5247	chr9 130884113	-	A	20	chr9:130883968-130887675
## 5248	chr9 130884114	+	G	229	chr9:130883968-130887675
## 5249	chr9 130884114	-	G	20	chr9:130883968-130887675
## 5250	chr9 130884115	+	A	230	chr9:130883968-130887675
## 5251	chr9 130884115	-	A	20	chr9:130883968-130887675
## 5252	chr9 130884116	+	A	230	chr9:130883968-130887675
## 5253	chr9 130884116	-	A	20	chr9:130883968-130887675
## 5254	chr9 130884117	+	G	230	chr9:130883968-130887675
## 5255	chr9 130884117	-	G	20	chr9:130883968-130887675
## 5256	chr9 130884118	+	A	228	chr9:130883968-130887675
## 5257	chr9 130884118	-	A	20	chr9:130883968-130887675
## 5258	chr9 130884118	+	C	1	chr9:130883968-130887675
## 5259	chr9 130884119	+	C	231	chr9:130883968-130887675
## 5260	chr9 130884119	-	C	20	chr9:130883968-130887675
## 5261	chr9 130884120	+	A	230	chr9:130883968-130887675
## 5262	chr9 130884120	-	A	20	chr9:130883968-130887675
## 5263	chr9 130884121	+	G	229	chr9:130883968-130887675
## 5264	chr9 130884121	-	G	20	chr9:130883968-130887675
## 5265	chr9 130884122	+	C	230	chr9:130883968-130887675
## 5266	chr9 130884122	-	C	20	chr9:130883968-130887675
## 5267	chr9 130884123	+	C	229	chr9:130883968-130887675
## 5268	chr9 130884123	-	C	20	chr9:130883968-130887675
## 5269	chr9 130884124	+	C	229	chr9:130883968-130887675
## 5270	chr9 130884124	-	C	20	chr9:130883968-130887675
## 5271	chr9 130884125	+	C	231	chr9:130883968-130887675

## 5272	chr9 130884125	-	C	19	chr9:130883968-130887675
## 5273	chr9 130884125	-	T	1	chr9:130883968-130887675
## 5274	chr9 130884126	+	A	213	chr9:130883968-130887675
## 5275	chr9 130884126	-	A	20	chr9:130883968-130887675
## 5276	chr9 130884127	+	A	219	chr9:130883968-130887675
## 5277	chr9 130884127	-	A	20	chr9:130883968-130887675
## 5278	chr9 130884127	+	C	2	chr9:130883968-130887675
## 5279	chr9 130884128	+	C	214	chr9:130883968-130887675
## 5280	chr9 130884128	-	C	22	chr9:130883968-130887675
## 5281	chr9 130884129	+	C	210	chr9:130883968-130887675
## 5282	chr9 130884129	-	C	22	chr9:130883968-130887675
## 5283	chr9 130884130	+	C	213	chr9:130883968-130887675
## 5284	chr9 130884130	-	C	19	chr9:130883968-130887675
## 5285	chr9 130884131	+	C	211	chr9:130883968-130887675
## 5286	chr9 130884131	-	C	30	chr9:130883968-130887675
## 5287	chr9 130884132	+	T	202	chr9:130883968-130887675
## 5288	chr9 130884132	-	T	30	chr9:130883968-130887675
## 5289	chr9 130884133	+	C	200	chr9:130883968-130887675
## 5290	chr9 130884133	-	C	33	chr9:130883968-130887675
## 5291	chr9 130884134	+	C	194	chr9:130883968-130887675
## 5292	chr9 130884134	-	C	43	chr9:130883968-130887675
## 5293	chr9 130884134	+	T	1	chr9:130883968-130887675
## 5294	chr9 130884135	+	C	189	chr9:130883968-130887675
## 5295	chr9 130884135	-	C	40	chr9:130883968-130887675
## 5296	chr9 130884136	+	A	193	chr9:130883968-130887675
## 5297	chr9 130884136	-	A	49	chr9:130883968-130887675
## 5298	chr9 130884137	+	A	197	chr9:130883968-130887675
## 5299	chr9 130884137	-	A	49	chr9:130883968-130887675
## 5300	chr9 130884138	+	A	200	chr9:130883968-130887675
## 5301	chr9 130884138	-	A	49	chr9:130883968-130887675
## 5302	chr9 130884139	+	C	199	chr9:130883968-130887675
## 5303	chr9 130884139	-	C	49	chr9:130883968-130887675
## 5304	chr9 130884139	+	T	3	chr9:130883968-130887675
## 5305	chr9 130884140	+	G	202	chr9:130883968-130887675
## 5306	chr9 130884140	-	G	49	chr9:130883968-130887675
## 5307	chr9 130884141	+	C	201	chr9:130883968-130887675
## 5308	chr9 130884141	-	C	49	chr9:130883968-130887675
## 5309	chr9 130884142	+	A	200	chr9:130883968-130887675
## 5310	chr9 130884142	-	A	49	chr9:130883968-130887675
## 5311	chr9 130884143	+	G	202	chr9:130883968-130887675
## 5312	chr9 130884143	-	G	49	chr9:130883968-130887675
## 5313	chr9 130884144	+	C	201	chr9:130883968-130887675
## 5314	chr9 130884144	-	C	49	chr9:130883968-130887675
## 5315	chr9 130884144	+	T	1	chr9:130883968-130887675
## 5316	chr9 130884145	+	A	202	chr9:130883968-130887675
## 5317	chr9 130884145	-	A	49	chr9:130883968-130887675
## 5318	chr9 130884146	+	G	201	chr9:130883968-130887675
## 5319	chr9 130884146	-	G	49	chr9:130883968-130887675
## 5320	chr9 130884147	+	C	202	chr9:130883968-130887675
## 5321	chr9 130884147	-	C	49	chr9:130883968-130887675
## 5322	chr9 130884148	+	T	202	chr9:130883968-130887675
## 5323	chr9 130884148	-	T	49	chr9:130883968-130887675
## 5324	chr9 130884149	+	C	202	chr9:130883968-130887675
## 5325	chr9 130884149	-	C	48	chr9:130883968-130887675

## 5326	chr9 130884149	-	G	1	chr9:130883968-130887675
## 5327	chr9 130884150	+	C	202	chr9:130883968-130887675
## 5328	chr9 130884150	-	C	49	chr9:130883968-130887675
## 5329	chr9 130884151	+	T	202	chr9:130883968-130887675
## 5330	chr9 130884151	-	T	49	chr9:130883968-130887675
## 5331	chr9 130884152	+	T	202	chr9:130883968-130887675
## 5332	chr9 130884152	-	T	49	chr9:130883968-130887675
## 5333	chr9 130884153	+	C	202	chr9:130883968-130887675
## 5334	chr9 130884153	-	C	49	chr9:130883968-130887675
## 5335	chr9 130884154	+	C	202	chr9:130883968-130887675
## 5336	chr9 130884154	-	C	49	chr9:130883968-130887675
## 5337	chr9 130884155	+	G	202	chr9:130883968-130887675
## 5338	chr9 130884155	-	G	49	chr9:130883968-130887675
## 5339	chr9 130884156	+	G	202	chr9:130883968-130887675
## 5340	chr9 130884156	-	G	49	chr9:130883968-130887675
## 5341	chr9 130884157	+	G	202	chr9:130883968-130887675
## 5342	chr9 130884157	-	G	49	chr9:130883968-130887675
## 5343	chr9 130884158	+	A	202	chr9:130883968-130887675
## 5344	chr9 130884158	-	A	49	chr9:130883968-130887675
## 5345	chr9 130884159	+	G	202	chr9:130883968-130887675
## 5346	chr9 130884159	-	G	49	chr9:130883968-130887675
## 5347	chr9 130884160	+	A	201	chr9:130883968-130887675
## 5348	chr9 130884160	-	A	49	chr9:130883968-130887675
## 5349	chr9 130884161	+	T	200	chr9:130883968-130887675
## 5350	chr9 130884161	-	T	49	chr9:130883968-130887675
## 5351	chr9 130884162	+	G	201	chr9:130883968-130887675
## 5352	chr9 130884162	-	G	49	chr9:130883968-130887675
## 5353	chr9 130884163	+	G	201	chr9:130883968-130887675
## 5354	chr9 130884163	-	G	49	chr9:130883968-130887675
## 5355	chr9 130884164	+	A	201	chr9:130883968-130887675
## 5356	chr9 130884164	-	A	49	chr9:130883968-130887675
## 5357	chr9 130884165	+	C	201	chr9:130883968-130887675
## 5358	chr9 130884165	-	C	49	chr9:130883968-130887675
## 5359	chr9 130884166	+	G	201	chr9:130883968-130887675
## 5360	chr9 130884166	-	G	49	chr9:130883968-130887675
## 5361	chr9 130884167	+	G	200	chr9:130883968-130887675
## 5362	chr9 130884167	-	G	49	chr9:130883968-130887675
## 5363	chr9 130884168	+	C	201	chr9:130883968-130887675
## 5364	chr9 130884168	-	C	49	chr9:130883968-130887675
## 5365	chr9 130884169	+	C	201	chr9:130883968-130887675
## 5366	chr9 130884169	-	C	49	chr9:130883968-130887675
## 5367	chr9 130884170	+	A	201	chr9:130883968-130887675
## 5368	chr9 130884170	-	A	49	chr9:130883968-130887675
## 5369	chr9 130884171	+	G	201	chr9:130883968-130887675
## 5370	chr9 130884171	-	G	49	chr9:130883968-130887675
## 5371	chr9 130884172	+	C	200	chr9:130883968-130887675
## 5372	chr9 130884172	-	C	49	chr9:130883968-130887675
## 5373	chr9 130884173	+	C	201	chr9:130883968-130887675
## 5374	chr9 130884173	-	C	49	chr9:130883968-130887675
## 5375	chr9 130884173	+	T	1	chr9:130883968-130887675
## 5376	chr9 130884174	+	G	201	chr9:130883968-130887675
## 5377	chr9 130884174	-	G	49	chr9:130883968-130887675
## 5378	chr9 130884175	+	G	201	chr9:130883968-130887675
## 5379	chr9 130884175	-	G	49	chr9:130883968-130887675

## 5380	chr9 130884176	+	A	200	chr9:130883968-130887675
## 5381	chr9 130884176	-	A	49	chr9:130883968-130887675
## 5382	chr9 130884177	+	G	202	chr9:130883968-130887675
## 5383	chr9 130884177	-	G	49	chr9:130883968-130887675
## 5384	chr9 130884178	+	A	1	chr9:130883968-130887675
## 5385	chr9 130884178	+	C	201	chr9:130883968-130887675
## 5386	chr9 130884178	-	C	49	chr9:130883968-130887675
## 5387	chr9 130884179	+	A	1	chr9:130883968-130887675
## 5388	chr9 130884179	+	G	201	chr9:130883968-130887675
## 5389	chr9 130884179	-	G	49	chr9:130883968-130887675
## 5390	chr9 130884180	+	C	202	chr9:130883968-130887675
## 5391	chr9 130884180	-	C	49	chr9:130883968-130887675
## 5392	chr9 130884181	+	A	202	chr9:130883968-130887675
## 5393	chr9 130884181	-	A	49	chr9:130883968-130887675
## 5394	chr9 130884182	+	G	202	chr9:130883968-130887675
## 5395	chr9 130884182	-	G	49	chr9:130883968-130887675
## 5396	chr9 130884183	+	A	202	chr9:130883968-130887675
## 5397	chr9 130884183	-	A	49	chr9:130883968-130887675
## 5398	chr9 130884184	+	G	202	chr9:130883968-130887675
## 5399	chr9 130884184	-	G	49	chr9:130883968-130887675
## 5400	chr9 130884185	+	G	200	chr9:130883968-130887675
## 5401	chr9 130884185	-	G	49	chr9:130883968-130887675
## 5402	chr9 130884186	+	G	201	chr9:130883968-130887675
## 5403	chr9 130884186	-	G	49	chr9:130883968-130887675
## 5404	chr9 130884187	+	G	200	chr9:130883968-130887675
## 5405	chr9 130884187	-	G	49	chr9:130883968-130887675
## 5406	chr9 130884187	+	T	1	chr9:130883968-130887675
## 5407	chr9 130884188	+	C	201	chr9:130883968-130887675
## 5408	chr9 130884188	-	C	49	chr9:130883968-130887675
## 5409	chr9 130884189	+	C	201	chr9:130883968-130887675
## 5410	chr9 130884189	-	C	49	chr9:130883968-130887675
## 5411	chr9 130884190	+	G	200	chr9:130883968-130887675
## 5412	chr9 130884190	-	G	49	chr9:130883968-130887675
## 5413	chr9 130884191	+	G	201	chr9:130883968-130887675
## 5414	chr9 130884191	-	G	49	chr9:130883968-130887675
## 5415	chr9 130884192	+	C	198	chr9:130883968-130887675
## 5416	chr9 130884192	-	C	48	chr9:130883968-130887675
## 5417	chr9 130884192	+	T	3	chr9:130883968-130887675
## 5418	chr9 130884193	+	G	202	chr9:130883968-130887675
## 5419	chr9 130884193	-	G	48	chr9:130883968-130887675
## 5420	chr9 130884194	+	A	201	chr9:130883968-130887675
## 5421	chr9 130884194	-	A	48	chr9:130883968-130887675
## 5422	chr9 130884195	+	G	202	chr9:130883968-130887675
## 5423	chr9 130884195	-	G	48	chr9:130883968-130887675
## 5424	chr9 130884196	+	G	202	chr9:130883968-130887675
## 5425	chr9 130884196	-	G	48	chr9:130883968-130887675
## 5426	chr9 130884197	+	A	201	chr9:130883968-130887675
## 5427	chr9 130884197	-	A	48	chr9:130883968-130887675
## 5428	chr9 130884198	+	A	202	chr9:130883968-130887675
## 5429	chr9 130884198	-	A	48	chr9:130883968-130887675
## 5430	chr9 130884199	+	G	201	chr9:130883968-130887675
## 5431	chr9 130884199	-	G	48	chr9:130883968-130887675
## 5432	chr9 130884200	+	A	201	chr9:130883968-130887675
## 5433	chr9 130884200	-	A	48	chr9:130883968-130887675

## 5434	chr9 130884201	+	G	202	chr9:130883968-130887675
## 5435	chr9 130884201	-	G	48	chr9:130883968-130887675
## 5436	chr9 130884202	+	A	1	chr9:130883968-130887675
## 5437	chr9 130884202	+	G	184	chr9:130883968-130887675
## 5438	chr9 130884202	-	G	47	chr9:130883968-130887675
## 5439	chr9 130884203	+	G	179	chr9:130883968-130887675
## 5440	chr9 130884203	-	G	61	chr9:130883968-130887675
## 5441	chr9 130884204	+	A	1	chr9:130883968-130887675
## 5442	chr9 130884204	+	C	174	chr9:130883968-130887675
## 5443	chr9 130884204	-	C	61	chr9:130883968-130887675
## 5444	chr9 130884205	+	C	177	chr9:130883968-130887675
## 5445	chr9 130884205	-	C	54	chr9:130883968-130887675
## 5446	chr9 130884206	+	G	183	chr9:130883968-130887675
## 5447	chr9 130884206	-	G	50	chr9:130883968-130887675
## 5448	chr9 130884207	+	A	184	chr9:130883968-130887675
## 5449	chr9 130884207	-	A	57	chr9:130883968-130887675
## 5450	chr9 130884208	+	G	178	chr9:130883968-130887675
## 5451	chr9 130884208	-	G	54	chr9:130883968-130887675
## 5452	chr9 130884209	+	A	176	chr9:130883968-130887675
## 5453	chr9 130884209	-	A	58	chr9:130883968-130887675
## 5454	chr9 130884210	+	C	185	chr9:130883968-130887675
## 5455	chr9 130884210	-	C	53	chr9:130883968-130887675
## 5456	chr9 130884211	+	A	184	chr9:130883968-130887675
## 5457	chr9 130884211	-	A	46	chr9:130883968-130887675
## 5458	chr9 130884212	+	T	188	chr9:130883968-130887675
## 5459	chr9 130884212	-	T	55	chr9:130883968-130887675
## 5460	chr9 130884213	+	C	191	chr9:130883968-130887675
## 5461	chr9 130884213	-	C	55	chr9:130883968-130887675
## 5462	chr9 130884214	+	A	190	chr9:130883968-130887675
## 5463	chr9 130884214	-	A	59	chr9:130883968-130887675
## 5464	chr9 130884215	+	G	191	chr9:130883968-130887675
## 5465	chr9 130884215	-	G	59	chr9:130883968-130887675
## 5466	chr9 130884216	+	C	190	chr9:130883968-130887675
## 5467	chr9 130884216	-	C	59	chr9:130883968-130887675
## 5468	chr9 130884217	+	A	191	chr9:130883968-130887675
## 5469	chr9 130884217	-	A	59	chr9:130883968-130887675
## 5470	chr9 130884218	+	A	190	chr9:130883968-130887675
## 5471	chr9 130884218	-	A	59	chr9:130883968-130887675
## 5472	chr9 130884219	+	C	191	chr9:130883968-130887675
## 5473	chr9 130884219	-	C	59	chr9:130883968-130887675
## 5474	chr9 130884220	+	G	191	chr9:130883968-130887675
## 5475	chr9 130884220	-	G	59	chr9:130883968-130887675
## 5476	chr9 130884221	+	G	191	chr9:130883968-130887675
## 5477	chr9 130884221	-	G	59	chr9:130883968-130887675
## 5478	chr9 130884222	+	C	1	chr9:130883968-130887675
## 5479	chr9 130884222	+	G	190	chr9:130883968-130887675
## 5480	chr9 130884222	-	G	59	chr9:130883968-130887675
## 5481	chr9 130884223	+	G	191	chr9:130883968-130887675
## 5482	chr9 130884223	-	G	59	chr9:130883968-130887675
## 5483	chr9 130884224	+	C	191	chr9:130883968-130887675
## 5484	chr9 130884224	-	C	59	chr9:130883968-130887675
## 5485	chr9 130884225	+	A	190	chr9:130883968-130887675
## 5486	chr9 130884225	-	A	59	chr9:130883968-130887675
## 5487	chr9 130884225	+	G	1	chr9:130883968-130887675

## 5488	chr9 130884226	+	C	191	chr9:130883968-130887675
## 5489	chr9 130884226	-	C	59	chr9:130883968-130887675
## 5490	chr9 130884227	+	T	191	chr9:130883968-130887675
## 5491	chr9 130884227	-	T	59	chr9:130883968-130887675
## 5492	chr9 130884228	+	G	191	chr9:130883968-130887675
## 5493	chr9 130884228	-	G	59	chr9:130883968-130887675
## 5494	chr9 130884229	+	G	192	chr9:130883968-130887675
## 5495	chr9 130884229	-	G	59	chr9:130883968-130887675
## 5496	chr9 130884230	+	C	192	chr9:130883968-130887675
## 5497	chr9 130884230	-	C	59	chr9:130883968-130887675
## 5498	chr9 130884231	+	T	192	chr9:130883968-130887675
## 5499	chr9 130884231	-	T	59	chr9:130883968-130887675
## 5500	chr9 130884232	+	T	192	chr9:130883968-130887675
## 5501	chr9 130884232	-	T	59	chr9:130883968-130887675
## 5502	chr9 130884233	+	T	192	chr9:130883968-130887675
## 5503	chr9 130884233	-	T	59	chr9:130883968-130887675
## 5504	chr9 130884234	+	C	191	chr9:130883968-130887675
## 5505	chr9 130884234	-	C	59	chr9:130883968-130887675
## 5506	chr9 130884234	+	T	1	chr9:130883968-130887675
## 5507	chr9 130884235	+	A	191	chr9:130883968-130887675
## 5508	chr9 130884235	-	A	59	chr9:130883968-130887675
## 5509	chr9 130884236	+	C	192	chr9:130883968-130887675
## 5510	chr9 130884236	-	C	59	chr9:130883968-130887675
## 5511	chr9 130884237	+	C	191	chr9:130883968-130887675
## 5512	chr9 130884237	-	C	59	chr9:130883968-130887675
## 5513	chr9 130884238	+	C	191	chr9:130883968-130887675
## 5514	chr9 130884238	-	C	59	chr9:130883968-130887675
## 5515	chr9 130884239	+	C	191	chr9:130883968-130887675
## 5516	chr9 130884239	-	C	59	chr9:130883968-130887675
## 5517	chr9 130884240	+	C	191	chr9:130883968-130887675
## 5518	chr9 130884240	-	C	59	chr9:130883968-130887675
## 5519	chr9 130884241	+	T	191	chr9:130883968-130887675
## 5520	chr9 130884241	-	T	59	chr9:130883968-130887675
## 5521	chr9 130884242	+	T	190	chr9:130883968-130887675
## 5522	chr9 130884242	-	T	59	chr9:130883968-130887675
## 5523	chr9 130884243	+	G	190	chr9:130883968-130887675
## 5524	chr9 130884243	-	G	59	chr9:130883968-130887675
## 5525	chr9 130884244	+	G	190	chr9:130883968-130887675
## 5526	chr9 130884244	-	G	60	chr9:130883968-130887675
## 5527	chr9 130884245	+	A	190	chr9:130883968-130887675
## 5528	chr9 130884245	-	A	60	chr9:130883968-130887675
## 5529	chr9 130884246	+	C	189	chr9:130883968-130887675
## 5530	chr9 130884246	-	C	60	chr9:130883968-130887675
## 5531	chr9 130884246	+	T	1	chr9:130883968-130887675
## 5532	chr9 130884247	+	A	190	chr9:130883968-130887675
## 5533	chr9 130884247	-	A	60	chr9:130883968-130887675
## 5534	chr9 130884248	+	C	189	chr9:130883968-130887675
## 5535	chr9 130884248	-	C	60	chr9:130883968-130887675
## 5536	chr9 130884249	+	A	190	chr9:130883968-130887675
## 5537	chr9 130884249	-	A	58	chr9:130883968-130887675
## 5538	chr9 130884249	-	G	1	chr9:130883968-130887675
## 5539	chr9 130884250	+	G	191	chr9:130883968-130887675
## 5540	chr9 130884250	-	G	59	chr9:130883968-130887675
## 5541	chr9 130884251	+	C	191	chr9:130883968-130887675

## 5542	chr9 130884251	-	C	59	chr9:130883968-130887675
## 5543	chr9 130884252	+	T	190	chr9:130883968-130887675
## 5544	chr9 130884252	-	T	59	chr9:130883968-130887675
## 5545	chr9 130884253	+	G	191	chr9:130883968-130887675
## 5546	chr9 130884253	-	G	59	chr9:130883968-130887675
## 5547	chr9 130884254	+	A	189	chr9:130883968-130887675
## 5548	chr9 130884254	-	A	59	chr9:130883968-130887675
## 5549	chr9 130884254	+	C	1	chr9:130883968-130887675
## 5550	chr9 130884255	+	C	192	chr9:130883968-130887675
## 5551	chr9 130884255	-	C	59	chr9:130883968-130887675
## 5552	chr9 130884256	+	C	192	chr9:130883968-130887675
## 5553	chr9 130884256	-	C	59	chr9:130883968-130887675
## 5554	chr9 130884257	+	C	192	chr9:130883968-130887675
## 5555	chr9 130884257	-	C	59	chr9:130883968-130887675
## 5556	chr9 130884258	+	A	191	chr9:130883968-130887675
## 5557	chr9 130884258	-	A	59	chr9:130883968-130887675
## 5558	chr9 130884259	-	A	1	chr9:130883968-130887675
## 5559	chr9 130884259	+	G	191	chr9:130883968-130887675
## 5560	chr9 130884259	-	G	58	chr9:130883968-130887675
## 5561	chr9 130884260	+	C	192	chr9:130883968-130887675
## 5562	chr9 130884260	-	C	59	chr9:130883968-130887675
## 5563	chr9 130884261	+	C	191	chr9:130883968-130887675
## 5564	chr9 130884261	-	C	59	chr9:130883968-130887675
## 5565	chr9 130884262	+	A	191	chr9:130883968-130887675
## 5566	chr9 130884262	-	A	59	chr9:130883968-130887675
## 5567	chr9 130884263	+	A	191	chr9:130883968-130887675
## 5568	chr9 130884263	-	A	59	chr9:130883968-130887675
## 5569	chr9 130884264	+	G	191	chr9:130883968-130887675
## 5570	chr9 130884264	-	G	59	chr9:130883968-130887675
## 5571	chr9 130884265	+	T	191	chr9:130883968-130887675
## 5572	chr9 130884265	-	T	59	chr9:130883968-130887675
## 5573	chr9 130884266	+	C	190	chr9:130883968-130887675
## 5574	chr9 130884266	-	C	59	chr9:130883968-130887675
## 5575	chr9 130884267	+	C	191	chr9:130883968-130887675
## 5576	chr9 130884267	-	C	59	chr9:130883968-130887675
## 5577	chr9 130884268	+	C	190	chr9:130883968-130887675
## 5578	chr9 130884268	-	C	59	chr9:130883968-130887675
## 5579	chr9 130884269	+	C	191	chr9:130883968-130887675
## 5580	chr9 130884269	-	C	59	chr9:130883968-130887675
## 5581	chr9 130884270	+	A	189	chr9:130883968-130887675
## 5582	chr9 130884270	-	A	59	chr9:130883968-130887675
## 5583	chr9 130884271	+	A	191	chr9:130883968-130887675
## 5584	chr9 130884271	-	A	59	chr9:130883968-130887675
## 5585	chr9 130884272	+	A	191	chr9:130883968-130887675
## 5586	chr9 130884272	-	A	59	chr9:130883968-130887675
## 5587	chr9 130884273	+	G	190	chr9:130883968-130887675
## 5588	chr9 130884273	-	G	59	chr9:130883968-130887675
## 5589	chr9 130884274	+	C	191	chr9:130883968-130887675
## 5590	chr9 130884274	-	C	59	chr9:130883968-130887675
## 5591	chr9 130884275	+	C	190	chr9:130883968-130887675
## 5592	chr9 130884275	-	C	59	chr9:130883968-130887675
## 5593	chr9 130884276	+	C	188	chr9:130883968-130887675
## 5594	chr9 130884276	-	C	59	chr9:130883968-130887675
## 5595	chr9 130884276	+	T	1	chr9:130883968-130887675

## 5596	chr9 130884277	+	A	190	chr9:130883968-130887675
## 5597	chr9 130884277	-	A	59	chr9:130883968-130887675
## 5598	chr9 130884277	+	G	1	chr9:130883968-130887675
## 5599	chr9 130884278	+	G	189	chr9:130883968-130887675
## 5600	chr9 130884278	-	G	45	chr9:130883968-130887675
## 5601	chr9 130884279	+	C	188	chr9:130883968-130887675
## 5602	chr9 130884279	-	C	52	chr9:130883968-130887675
## 5603	chr9 130884280	+	A	178	chr9:130883968-130887675
## 5604	chr9 130884280	-	A	58	chr9:130883968-130887675
## 5605	chr9 130884280	+	T	1	chr9:130883968-130887675
## 5606	chr9 130884281	+	A	179	chr9:130883968-130887675
## 5607	chr9 130884281	-	A	52	chr9:130883968-130887675
## 5608	chr9 130884281	+	G	1	chr9:130883968-130887675
## 5609	chr9 130884282	+	T	185	chr9:130883968-130887675
## 5610	chr9 130884282	-	T	48	chr9:130883968-130887675
## 5611	chr9 130884283	+	G	177	chr9:130883968-130887675
## 5612	chr9 130884283	-	G	64	chr9:130883968-130887675
## 5613	chr9 130884284	+	G	182	chr9:130883968-130887675
## 5614	chr9 130884284	-	G	49	chr9:130883968-130887675
## 5615	chr9 130884284	-	T	1	chr9:130883968-130887675
## 5616	chr9 130884285	+	G	169	chr9:130883968-130887675
## 5617	chr9 130884285	-	G	65	chr9:130883968-130887675
## 5618	chr9 130884286	+	G	170	chr9:130883968-130887675
## 5619	chr9 130884286	-	G	63	chr9:130883968-130887675
## 5620	chr9 130884287	+	C	169	chr9:130883968-130887675
## 5621	chr9 130884287	-	C	55	chr9:130883968-130887675
## 5622	chr9 130884287	+	T	2	chr9:130883968-130887675
## 5623	chr9 130884288	+	G	1	chr9:130883968-130887675
## 5624	chr9 130884288	+	T	169	chr9:130883968-130887675
## 5625	chr9 130884288	-	T	67	chr9:130883968-130887675
## 5626	chr9 130884289	-	-	1	chr9:130883968-130887675
## 5627	chr9 130884289	+	G	173	chr9:130883968-130887675
## 5628	chr9 130884289	-	G	72	chr9:130883968-130887675
## 5629	chr9 130884290	+	G	176	chr9:130883968-130887675
## 5630	chr9 130884290	-	G	73	chr9:130883968-130887675
## 5631	chr9 130884291	+	G	177	chr9:130883968-130887675
## 5632	chr9 130884291	-	G	73	chr9:130883968-130887675
## 5633	chr9 130884292	+	G	176	chr9:130883968-130887675
## 5634	chr9 130884292	-	G	73	chr9:130883968-130887675
## 5635	chr9 130884293	+	G	1	chr9:130883968-130887675
## 5636	chr9 130884293	+	T	176	chr9:130883968-130887675
## 5637	chr9 130884293	-	T	73	chr9:130883968-130887675
## 5638	chr9 130884294	+	C	176	chr9:130883968-130887675
## 5639	chr9 130884294	-	C	73	chr9:130883968-130887675
## 5640	chr9 130884295	+	C	177	chr9:130883968-130887675
## 5641	chr9 130884295	-	C	73	chr9:130883968-130887675
## 5642	chr9 130884296	+	C	176	chr9:130883968-130887675
## 5643	chr9 130884296	-	C	73	chr9:130883968-130887675
## 5644	chr9 130884296	+	T	1	chr9:130883968-130887675
## 5645	chr9 130884297	+	C	177	chr9:130883968-130887675
## 5646	chr9 130884297	-	C	73	chr9:130883968-130887675
## 5647	chr9 130884298	+	A	177	chr9:130883968-130887675
## 5648	chr9 130884298	-	A	73	chr9:130883968-130887675
## 5649	chr9 130884299	+	A	177	chr9:130883968-130887675

## 5650	chr9 130884299	-	A	73	chr9:130883968-130887675
## 5651	chr9 130884300	+	T	177	chr9:130883968-130887675
## 5652	chr9 130884300	-	T	73	chr9:130883968-130887675
## 5653	chr9 130884301	+	G	177	chr9:130883968-130887675
## 5654	chr9 130884301	-	G	73	chr9:130883968-130887675
## 5655	chr9 130884302	+	G	176	chr9:130883968-130887675
## 5656	chr9 130884302	-	G	73	chr9:130883968-130887675
## 5657	chr9 130884303	+	A	176	chr9:130883968-130887675
## 5658	chr9 130884303	-	A	73	chr9:130883968-130887675
## 5659	chr9 130884303	+	C	1	chr9:130883968-130887675
## 5660	chr9 130884304	+	G	178	chr9:130883968-130887675
## 5661	chr9 130884304	-	G	73	chr9:130883968-130887675
## 5662	chr9 130884305	+	C	178	chr9:130883968-130887675
## 5663	chr9 130884305	-	C	73	chr9:130883968-130887675
## 5664	chr9 130884306	+	C	178	chr9:130883968-130887675
## 5665	chr9 130884306	-	C	73	chr9:130883968-130887675
## 5666	chr9 130884307	+	C	178	chr9:130883968-130887675
## 5667	chr9 130884307	-	C	73	chr9:130883968-130887675
## 5668	chr9 130884308	+	T	178	chr9:130883968-130887675
## 5669	chr9 130884308	-	T	73	chr9:130883968-130887675
## 5670	chr9 130884309	+	C	177	chr9:130883968-130887675
## 5671	chr9 130884309	-	C	74	chr9:130883968-130887675
## 5672	chr9 130884310	+	C	177	chr9:130883968-130887675
## 5673	chr9 130884310	-	C	74	chr9:130883968-130887675
## 5674	chr9 130884311	+	G	177	chr9:130883968-130887675
## 5675	chr9 130884311	-	G	74	chr9:130883968-130887675
## 5676	chr9 130884312	+	G	177	chr9:130883968-130887675
## 5677	chr9 130884312	-	G	74	chr9:130883968-130887675
## 5678	chr9 130884313	+	G	177	chr9:130883968-130887675
## 5679	chr9 130884313	-	G	74	chr9:130883968-130887675
## 5680	chr9 130884314	+	A	177	chr9:130883968-130887675
## 5681	chr9 130884314	-	A	74	chr9:130883968-130887675
## 5682	chr9 130884315	+	G	177	chr9:130883968-130887675
## 5683	chr9 130884315	-	G	74	chr9:130883968-130887675
## 5684	chr9 130884316	+	T	177	chr9:130883968-130887675
## 5685	chr9 130884316	-	T	74	chr9:130883968-130887675
## 5686	chr9 130884317	+	C	176	chr9:130883968-130887675
## 5687	chr9 130884317	-	C	75	chr9:130883968-130887675
## 5688	chr9 130884318	+	C	175	chr9:130883968-130887675
## 5689	chr9 130884318	-	C	75	chr9:130883968-130887675
## 5690	chr9 130884319	+	G	175	chr9:130883968-130887675
## 5691	chr9 130884319	-	G	74	chr9:130883968-130887675
## 5692	chr9 130884320	+	G	176	chr9:130883968-130887675
## 5693	chr9 130884320	-	G	74	chr9:130883968-130887675
## 5694	chr9 130884321	+	G	176	chr9:130883968-130887675
## 5695	chr9 130884321	-	G	74	chr9:130883968-130887675
## 5696	chr9 130884322	+	G	176	chr9:130883968-130887675
## 5697	chr9 130884322	-	G	74	chr9:130883968-130887675
## 5698	chr9 130884323	-	A	1	chr9:130883968-130887675
## 5699	chr9 130884323	+	G	176	chr9:130883968-130887675
## 5700	chr9 130884323	-	G	73	chr9:130883968-130887675
## 5701	chr9 130884324	+	C	174	chr9:130883968-130887675
## 5702	chr9 130884324	-	C	74	chr9:130883968-130887675
## 5703	chr9 130884325	+	T	175	chr9:130883968-130887675

## 5704	chr9 130884325	-	T	74	chr9:130883968-130887675
## 5705	chr9 130884326	+	C	176	chr9:130883968-130887675
## 5706	chr9 130884326	-	C	72	chr9:130883968-130887675
## 5707	chr9 130884327	+	A	178	chr9:130883968-130887675
## 5708	chr9 130884327	-	A	71	chr9:130883968-130887675
## 5709	chr9 130884328	+	G	178	chr9:130883968-130887675
## 5710	chr9 130884328	-	G	70	chr9:130883968-130887675
## 5711	chr9 130884329	+	G	179	chr9:130883968-130887675
## 5712	chr9 130884329	-	G	71	chr9:130883968-130887675
## 5713	chr9 130884330	+	C	178	chr9:130883968-130887675
## 5714	chr9 130884330	-	C	69	chr9:130883968-130887675
## 5715	chr9 130884330	-	T	1	chr9:130883968-130887675
## 5716	chr9 130884331	+	T	180	chr9:130883968-130887675
## 5717	chr9 130884331	-	T	69	chr9:130883968-130887675
## 5718	chr9 130884332	+	T	181	chr9:130883968-130887675
## 5719	chr9 130884332	-	T	69	chr9:130883968-130887675
## 5720	chr9 130884333	+	C	181	chr9:130883968-130887675
## 5721	chr9 130884333	-	C	69	chr9:130883968-130887675
## 5722	chr9 130884334	+	C	181	chr9:130883968-130887675
## 5723	chr9 130884334	-	C	69	chr9:130883968-130887675
## 5724	chr9 130884335	+	G	181	chr9:130883968-130887675
## 5725	chr9 130884335	-	G	68	chr9:130883968-130887675
## 5726	chr9 130884336	+	G	182	chr9:130883968-130887675
## 5727	chr9 130884336	-	G	68	chr9:130883968-130887675
## 5728	chr9 130884337	+	T	182	chr9:130883968-130887675
## 5729	chr9 130884337	-	T	68	chr9:130883968-130887675
## 5730	chr9 130884338	+	C	182	chr9:130883968-130887675
## 5731	chr9 130884338	-	C	68	chr9:130883968-130887675
## 5732	chr9 130884339	+	T	182	chr9:130883968-130887675
## 5733	chr9 130884339	-	T	68	chr9:130883968-130887675
## 5734	chr9 130884340	+	C	182	chr9:130883968-130887675
## 5735	chr9 130884340	-	C	68	chr9:130883968-130887675
## 5736	chr9 130884341	+	C	182	chr9:130883968-130887675
## 5737	chr9 130884341	-	C	68	chr9:130883968-130887675
## 5738	chr9 130884342	+	C	181	chr9:130883968-130887675
## 5739	chr9 130884342	-	C	68	chr9:130883968-130887675
## 5740	chr9 130884343	+	C	181	chr9:130883968-130887675
## 5741	chr9 130884343	-	C	68	chr9:130883968-130887675
## 5742	chr9 130884344	+	A	178	chr9:130883968-130887675
## 5743	chr9 130884344	-	A	68	chr9:130883968-130887675
## 5744	chr9 130884344	+	C	2	chr9:130883968-130887675
## 5745	chr9 130884345	+	C	183	chr9:130883968-130887675
## 5746	chr9 130884345	-	C	68	chr9:130883968-130887675
## 5747	chr9 130884346	+	C	181	chr9:130883968-130887675
## 5748	chr9 130884346	-	C	68	chr9:130883968-130887675
## 5749	chr9 130884347	+	T	180	chr9:130883968-130887675
## 5750	chr9 130884347	-	T	67	chr9:130883968-130887675
## 5751	chr9 130884348	+	A	1	chr9:130883968-130887675
## 5752	chr9 130884348	+	G	181	chr9:130883968-130887675
## 5753	chr9 130884348	-	G	68	chr9:130883968-130887675
## 5754	chr9 130884349	+	T	180	chr9:130883968-130887675
## 5755	chr9 130884349	-	T	67	chr9:130883968-130887675
## 5756	chr9 130884350	+	G	183	chr9:130883968-130887675
## 5757	chr9 130884350	-	G	67	chr9:130883968-130887675

## 5758	chr9 130884351	-	A	1	chr9:130883968-130887675
## 5759	chr9 130884351	+	G	182	chr9:130883968-130887675
## 5760	chr9 130884351	-	G	66	chr9:130883968-130887675
## 5761	chr9 130884352	+	A	181	chr9:130883968-130887675
## 5762	chr9 130884352	-	A	67	chr9:130883968-130887675
## 5763	chr9 130884353	+	A	182	chr9:130883968-130887675
## 5764	chr9 130884353	-	A	66	chr9:130883968-130887675
## 5765	chr9 130884354	+	G	177	chr9:130883968-130887675
## 5766	chr9 130884354	-	G	61	chr9:130883968-130887675
## 5767	chr9 130884355	+	A	187	chr9:130883968-130887675
## 5768	chr9 130884355	-	A	55	chr9:130883968-130887675
## 5769	chr9 130884356	+	A	183	chr9:130883968-130887675
## 5770	chr9 130884356	-	A	53	chr9:130883968-130887675
## 5771	chr9 130884357	+	G	183	chr9:130883968-130887675
## 5772	chr9 130884357	-	G	51	chr9:130883968-130887675
## 5773	chr9 130884358	+	T	194	chr9:130883968-130887675
## 5774	chr9 130884358	-	T	42	chr9:130883968-130887675
## 5775	chr9 130884359	+	C	185	chr9:130883968-130887675
## 5776	chr9 130884359	-	C	50	chr9:130883968-130887675
## 5777	chr9 130884360	+	C	190	chr9:130883968-130887675
## 5778	chr9 130884360	-	C	44	chr9:130883968-130887675
## 5779	chr9 130884361	+	A	180	chr9:130883968-130887675
## 5780	chr9 130884361	-	A	57	chr9:130883968-130887675
## 5781	chr9 130884362	+	G	185	chr9:130883968-130887675
## 5782	chr9 130884362	-	G	57	chr9:130883968-130887675
## 5783	chr9 130884363	+	C	186	chr9:130883968-130887675
## 5784	chr9 130884363	-	C	46	chr9:130883968-130887675
## 5785	chr9 130884364	+	A	182	chr9:130883968-130887675
## 5786	chr9 130884364	-	A	51	chr9:130883968-130887675
## 5787	chr9 130884364	+	C	1	chr9:130883968-130887675
## 5788	chr9 130884365	+	C	192	chr9:130883968-130887675
## 5789	chr9 130884365	-	C	52	chr9:130883968-130887675
## 5790	chr9 130884365	+	T	1	chr9:130883968-130887675
## 5791	chr9 130884365	-	T	4	chr9:130883968-130887675
## 5792	chr9 130884366	+	G	193	chr9:130883968-130887675
## 5793	chr9 130884366	-	G	56	chr9:130883968-130887675
## 5794	chr9 130884367	+	C	194	chr9:130883968-130887675
## 5795	chr9 130884367	-	C	56	chr9:130883968-130887675
## 5796	chr9 130884368	-	C	1	chr9:130883968-130887675
## 5797	chr9 130884368	+	T	193	chr9:130883968-130887675
## 5798	chr9 130884368	-	T	55	chr9:130883968-130887675
## 5799	chr9 130884369	+	G	194	chr9:130883968-130887675
## 5800	chr9 130884369	-	G	56	chr9:130883968-130887675
## 5801	chr9 130884370	+	A	191	chr9:130883968-130887675
## 5802	chr9 130884370	-	A	56	chr9:130883968-130887675
## 5803	chr9 130884370	+	C	1	chr9:130883968-130887675
## 5804	chr9 130884371	+	C	195	chr9:130883968-130887675
## 5805	chr9 130884371	-	C	56	chr9:130883968-130887675
## 5806	chr9 130884372	+	C	195	chr9:130883968-130887675
## 5807	chr9 130884372	-	C	56	chr9:130883968-130887675
## 5808	chr9 130884373	+	A	195	chr9:130883968-130887675
## 5809	chr9 130884373	-	A	56	chr9:130883968-130887675
## 5810	chr9 130884374	+	G	195	chr9:130883968-130887675
## 5811	chr9 130884374	-	G	56	chr9:130883968-130887675

## 5812	chr9 130884375	+	C	195	chr9:130883968-130887675
## 5813	chr9 130884375	-	C	56	chr9:130883968-130887675
## 5814	chr9 130884376	+	A	195	chr9:130883968-130887675
## 5815	chr9 130884376	-	A	56	chr9:130883968-130887675
## 5816	chr9 130884377	+	G	195	chr9:130883968-130887675
## 5817	chr9 130884377	-	G	56	chr9:130883968-130887675
## 5818	chr9 130884378	+	C	194	chr9:130883968-130887675
## 5819	chr9 130884378	-	C	56	chr9:130883968-130887675
## 5820	chr9 130884379	+	C	194	chr9:130883968-130887675
## 5821	chr9 130884379	-	C	56	chr9:130883968-130887675
## 5822	chr9 130884380	+	G	194	chr9:130883968-130887675
## 5823	chr9 130884380	-	G	56	chr9:130883968-130887675
## 5824	chr9 130884381	+	C	194	chr9:130883968-130887675
## 5825	chr9 130884381	-	C	56	chr9:130883968-130887675
## 5826	chr9 130884382	+	C	194	chr9:130883968-130887675
## 5827	chr9 130884382	-	C	56	chr9:130883968-130887675
## 5828	chr9 130884383	+	T	194	chr9:130883968-130887675
## 5829	chr9 130884383	-	T	56	chr9:130883968-130887675
## 5830	chr9 130884384	+	A	195	chr9:130883968-130887675
## 5831	chr9 130884384	-	A	55	chr9:130883968-130887675
## 5832	chr9 130884385	+	G	195	chr9:130883968-130887675
## 5833	chr9 130884385	-	G	55	chr9:130883968-130887675
## 5834	chr9 130884386	+	C	195	chr9:130883968-130887675
## 5835	chr9 130884386	-	C	55	chr9:130883968-130887675
## 5836	chr9 130884387	+	C	195	chr9:130883968-130887675
## 5837	chr9 130884387	-	C	55	chr9:130883968-130887675
## 5838	chr9 130884388	+	A	195	chr9:130883968-130887675
## 5839	chr9 130884388	-	A	55	chr9:130883968-130887675
## 5840	chr9 130884389	+	C	195	chr9:130883968-130887675
## 5841	chr9 130884389	-	C	55	chr9:130883968-130887675
## 5842	chr9 130884390	+	C	194	chr9:130883968-130887675
## 5843	chr9 130884390	-	C	55	chr9:130883968-130887675
## 5844	chr9 130884390	+	T	1	chr9:130883968-130887675
## 5845	chr9 130884391	-	C	1	chr9:130883968-130887675
## 5846	chr9 130884391	+	G	195	chr9:130883968-130887675
## 5847	chr9 130884391	-	G	54	chr9:130883968-130887675
## 5848	chr9 130884392	+	A	1	chr9:130883968-130887675
## 5849	chr9 130884392	+	G	195	chr9:130883968-130887675
## 5850	chr9 130884392	-	G	54	chr9:130883968-130887675
## 5851	chr9 130884393	+	C	196	chr9:130883968-130887675
## 5852	chr9 130884393	-	C	54	chr9:130883968-130887675
## 5853	chr9 130884394	+	G	196	chr9:130883968-130887675
## 5854	chr9 130884394	-	G	54	chr9:130883968-130887675
## 5855	chr9 130884395	+	A	195	chr9:130883968-130887675
## 5856	chr9 130884395	-	A	54	chr9:130883968-130887675
## 5857	chr9 130884396	+	G	196	chr9:130883968-130887675
## 5858	chr9 130884396	-	G	54	chr9:130883968-130887675
## 5859	chr9 130884397	+	G	196	chr9:130883968-130887675
## 5860	chr9 130884397	-	G	54	chr9:130883968-130887675
## 5861	chr9 130884398	+	A	196	chr9:130883968-130887675
## 5862	chr9 130884398	-	A	54	chr9:130883968-130887675
## 5863	chr9 130884399	+	G	196	chr9:130883968-130887675
## 5864	chr9 130884399	-	G	54	chr9:130883968-130887675
## 5865	chr9 130884400	+	G	194	chr9:130883968-130887675

## 5866	chr9 130884400	-	G	54	chr9:130883968-130887675
## 5867	chr9 130884401	+	A	195	chr9:130883968-130887675
## 5868	chr9 130884401	-	A	54	chr9:130883968-130887675
## 5869	chr9 130884402	+	G	194	chr9:130883968-130887675
## 5870	chr9 130884402	-	G	54	chr9:130883968-130887675
## 5871	chr9 130884403	+	G	194	chr9:130883968-130887675
## 5872	chr9 130884403	-	G	54	chr9:130883968-130887675
## 5873	chr9 130884403	+	T	1	chr9:130883968-130887675
## 5874	chr9 130884404	+	G	195	chr9:130883968-130887675
## 5875	chr9 130884404	-	G	53	chr9:130883968-130887675
## 5876	chr9 130884405	+	C	195	chr9:130883968-130887675
## 5877	chr9 130884405	-	C	54	chr9:130883968-130887675
## 5878	chr9 130884405	+	T	1	chr9:130883968-130887675
## 5879	chr9 130884406	+	G	194	chr9:130883968-130887675
## 5880	chr9 130884406	-	G	54	chr9:130883968-130887675
## 5881	chr9 130884407	+	G	195	chr9:130883968-130887675
## 5882	chr9 130884407	-	G	54	chr9:130883968-130887675
## 5883	chr9 130884408	+	T	196	chr9:130883968-130887675
## 5884	chr9 130884408	-	T	54	chr9:130883968-130887675
## 5885	chr9 130884409	+	G	196	chr9:130883968-130887675
## 5886	chr9 130884409	-	G	54	chr9:130883968-130887675
## 5887	chr9 130884410	+	G	196	chr9:130883968-130887675
## 5888	chr9 130884410	-	G	54	chr9:130883968-130887675
## 5889	chr9 130884411	+	C	195	chr9:130883968-130887675
## 5890	chr9 130884411	-	C	54	chr9:130883968-130887675
## 5891	chr9 130884412	+	A	195	chr9:130883968-130887675
## 5892	chr9 130884412	-	A	54	chr9:130883968-130887675
## 5893	chr9 130884412	+	C	1	chr9:130883968-130887675
## 5894	chr9 130884413	+	A	1	chr9:130883968-130887675
## 5895	chr9 130884413	+	G	195	chr9:130883968-130887675
## 5896	chr9 130884413	-	G	54	chr9:130883968-130887675
## 5897	chr9 130884414	+	C	196	chr9:130883968-130887675
## 5898	chr9 130884414	-	C	54	chr9:130883968-130887675
## 5899	chr9 130884415	+	T	196	chr9:130883968-130887675
## 5900	chr9 130884415	-	T	54	chr9:130883968-130887675
## 5901	chr9 130884416	+	C	196	chr9:130883968-130887675
## 5902	chr9 130884416	-	C	54	chr9:130883968-130887675
## 5903	chr9 130884417	+	C	196	chr9:130883968-130887675
## 5904	chr9 130884417	-	C	54	chr9:130883968-130887675
## 5905	chr9 130884418	+	A	195	chr9:130883968-130887675
## 5906	chr9 130884418	-	A	54	chr9:130883968-130887675
## 5907	chr9 130884419	+	G	195	chr9:130883968-130887675
## 5908	chr9 130884419	-	G	54	chr9:130883968-130887675
## 5909	chr9 130884420	+	C	194	chr9:130883968-130887675
## 5910	chr9 130884420	-	C	53	chr9:130883968-130887675
## 5911	chr9 130884421	+	A	197	chr9:130883968-130887675
## 5912	chr9 130884421	-	A	53	chr9:130883968-130887675
## 5913	chr9 130884422	+	A	195	chr9:130883968-130887675
## 5914	chr9 130884422	-	A	53	chr9:130883968-130887675
## 5915	chr9 130884423	+	G	196	chr9:130883968-130887675
## 5916	chr9 130884423	-	G	52	chr9:130883968-130887675
## 5917	chr9 130884424	+	C	197	chr9:130883968-130887675
## 5918	chr9 130884424	-	C	52	chr9:130883968-130887675
## 5919	chr9 130884424	+	T	1	chr9:130883968-130887675

## 5920	chr9 130884425	+	G	195	chr9:130883968-130887675
## 5921	chr9 130884425	-	G	52	chr9:130883968-130887675
## 5922	chr9 130884426	+	C	198	chr9:130883968-130887675
## 5923	chr9 130884426	-	C	52	chr9:130883968-130887675
## 5924	chr9 130884427	+	T	197	chr9:130883968-130887675
## 5925	chr9 130884427	-	T	52	chr9:130883968-130887675
## 5926	chr9 130884428	+	T	196	chr9:130883968-130887675
## 5927	chr9 130884428	-	T	52	chr9:130883968-130887675
## 5928	chr9 130884429	+	C	196	chr9:130883968-130887675
## 5929	chr9 130884429	-	C	52	chr9:130883968-130887675
## 5930	chr9 130884430	-	A	2	chr9:130883968-130887675
## 5931	chr9 130884430	+	C	186	chr9:130883968-130887675
## 5932	chr9 130884430	-	C	50	chr9:130883968-130887675
## 5933	chr9 130884431	+	T	186	chr9:130883968-130887675
## 5934	chr9 130884431	-	T	55	chr9:130883968-130887675
## 5935	chr9 130884432	+	G	182	chr9:130883968-130887675
## 5936	chr9 130884432	-	G	55	chr9:130883968-130887675
## 5937	chr9 130884433	+	C	183	chr9:130883968-130887675
## 5938	chr9 130884433	-	C	53	chr9:130883968-130887675
## 5939	chr9 130884434	+	G	197	chr9:130883968-130887675
## 5940	chr9 130884434	-	G	44	chr9:130883968-130887675
## 5941	chr9 130884435	+	C	197	chr9:130883968-130887675
## 5942	chr9 130884435	-	C	37	chr9:130883968-130887675
## 5943	chr9 130884436	+	T	209	chr9:130883968-130887675
## 5944	chr9 130884436	-	T	25	chr9:130883968-130887675
## 5945	chr9 130884437	+	C	207	chr9:130883968-130887675
## 5946	chr9 130884437	-	C	29	chr9:130883968-130887675
## 5947	chr9 130884437	+	G	1	chr9:130883968-130887675
## 5948	chr9 130884438	+	T	211	chr9:130883968-130887675
## 5949	chr9 130884438	-	T	31	chr9:130883968-130887675
## 5950	chr9 130884439	+	T	214	chr9:130883968-130887675
## 5951	chr9 130884439	-	T	21	chr9:130883968-130887675
## 5952	chr9 130884440	+	G	207	chr9:130883968-130887675
## 5953	chr9 130884440	-	G	27	chr9:130883968-130887675
## 5954	chr9 130884441	+	C	222	chr9:130883968-130887675
## 5955	chr9 130884441	-	C	27	chr9:130883968-130887675
## 5956	chr9 130884442	+	T	222	chr9:130883968-130887675
## 5957	chr9 130884442	-	T	27	chr9:130883968-130887675
## 5958	chr9 130884443	+	C	223	chr9:130883968-130887675
## 5959	chr9 130884443	-	C	27	chr9:130883968-130887675
## 5960	chr9 130884444	+	C	222	chr9:130883968-130887675
## 5961	chr9 130884444	-	C	27	chr9:130883968-130887675
## 5962	chr9 130884444	+	T	1	chr9:130883968-130887675
## 5963	chr9 130884445	+	G	222	chr9:130883968-130887675
## 5964	chr9 130884445	-	G	27	chr9:130883968-130887675
## 5965	chr9 130884446	+	C	221	chr9:130883968-130887675
## 5966	chr9 130884446	-	C	27	chr9:130883968-130887675
## 5967	chr9 130884447	+	C	223	chr9:130883968-130887675
## 5968	chr9 130884447	-	C	27	chr9:130883968-130887675
## 5969	chr9 130884448	+	T	223	chr9:130883968-130887675
## 5970	chr9 130884448	-	T	27	chr9:130883968-130887675
## 5971	chr9 130884449	+	C	223	chr9:130883968-130887675
## 5972	chr9 130884449	-	C	27	chr9:130883968-130887675
## 5973	chr9 130884450	+	C	223	chr9:130883968-130887675

## 5974	chr9 130884450	-	C	27	chr9:130883968-130887675
## 5975	chr9 130884451	+	T	223	chr9:130883968-130887675
## 5976	chr9 130884451	-	T	27	chr9:130883968-130887675
## 5977	chr9 130884452	+	G	223	chr9:130883968-130887675
## 5978	chr9 130884452	-	G	27	chr9:130883968-130887675
## 5979	chr9 130884453	+	C	222	chr9:130883968-130887675
## 5980	chr9 130884453	-	C	27	chr9:130883968-130887675
## 5981	chr9 130884453	+	T	1	chr9:130883968-130887675
## 5982	chr9 130884454	+	G	223	chr9:130883968-130887675
## 5983	chr9 130884454	-	G	27	chr9:130883968-130887675
## 5984	chr9 130884455	+	T	223	chr9:130883968-130887675
## 5985	chr9 130884455	-	T	27	chr9:130883968-130887675
## 5986	chr9 130884456	+	T	223	chr9:130883968-130887675
## 5987	chr9 130884456	-	T	27	chr9:130883968-130887675
## 5988	chr9 130884457	+	C	223	chr9:130883968-130887675
## 5989	chr9 130884457	-	C	27	chr9:130883968-130887675
## 5990	chr9 130884458	+	C	223	chr9:130883968-130887675
## 5991	chr9 130884458	-	C	27	chr9:130883968-130887675
## 5992	chr9 130884459	+	C	223	chr9:130883968-130887675
## 5993	chr9 130884459	-	C	27	chr9:130883968-130887675
## 5994	chr9 130884460	+	C	223	chr9:130883968-130887675
## 5995	chr9 130884460	-	C	26	chr9:130883968-130887675
## 5996	chr9 130884460	-	G	1	chr9:130883968-130887675
## 5997	chr9 130884461	+	A	222	chr9:130883968-130887675
## 5998	chr9 130884461	-	A	27	chr9:130883968-130887675
## 5999	chr9 130884462	+	T	224	chr9:130883968-130887675
## 6000	chr9 130884462	-	T	27	chr9:130883968-130887675
## 6001	chr9 130884463	+	C	1	chr9:130883968-130887675
## 6002	chr9 130884463	+	G	223	chr9:130883968-130887675
## 6003	chr9 130884463	-	G	27	chr9:130883968-130887675
## 6004	chr9 130884464	+	G	224	chr9:130883968-130887675
## 6005	chr9 130884464	-	G	27	chr9:130883968-130887675
## 6006	chr9 130884465	+	G	224	chr9:130883968-130887675
## 6007	chr9 130884465	-	G	27	chr9:130883968-130887675
## 6008	chr9 130884466	+	G	224	chr9:130883968-130887675
## 6009	chr9 130884466	-	G	27	chr9:130883968-130887675
## 6010	chr9 130884467	+	C	223	chr9:130883968-130887675
## 6011	chr9 130884467	-	C	27	chr9:130883968-130887675
## 6012	chr9 130884467	+	T	1	chr9:130883968-130887675
## 6013	chr9 130884468	+	C	223	chr9:130883968-130887675
## 6014	chr9 130884468	-	C	27	chr9:130883968-130887675
## 6015	chr9 130884469	+	A	223	chr9:130883968-130887675
## 6016	chr9 130884469	-	A	27	chr9:130883968-130887675
## 6017	chr9 130884470	+	A	223	chr9:130883968-130887675
## 6018	chr9 130884470	-	A	27	chr9:130883968-130887675
## 6019	chr9 130884471	+	G	222	chr9:130883968-130887675
## 6020	chr9 130884471	-	G	27	chr9:130883968-130887675
## 6021	chr9 130884472	+	C	1	chr9:130883968-130887675
## 6022	chr9 130884472	+	G	222	chr9:130883968-130887675
## 6023	chr9 130884472	-	G	27	chr9:130883968-130887675
## 6024	chr9 130884473	+	A	223	chr9:130883968-130887675
## 6025	chr9 130884473	-	A	27	chr9:130883968-130887675
## 6026	chr9 130884474	+	C	224	chr9:130883968-130887675
## 6027	chr9 130884474	-	C	27	chr9:130883968-130887675

## 6028	chr9 130884475	+	A	224	chr9:130883968-130887675
## 6029	chr9 130884475	-	A	27	chr9:130883968-130887675
## 6030	chr9 130884476	+	C	222	chr9:130883968-130887675
## 6031	chr9 130884476	-	C	27	chr9:130883968-130887675
## 6032	chr9 130884477	+	A	3	chr9:130883968-130887675
## 6033	chr9 130884477	+	G	219	chr9:130883968-130887675
## 6034	chr9 130884477	-	G	27	chr9:130883968-130887675
## 6035	chr9 130884478	+	G	221	chr9:130883968-130887675
## 6036	chr9 130884478	-	G	27	chr9:130883968-130887675
## 6037	chr9 130884479	+	A	222	chr9:130883968-130887675
## 6038	chr9 130884479	-	A	27	chr9:130883968-130887675
## 6039	chr9 130884480	+	G	222	chr9:130883968-130887675
## 6040	chr9 130884480	-	G	26	chr9:130883968-130887675
## 6041	chr9 130884481	+	T	224	chr9:130883968-130887675
## 6042	chr9 130884481	-	T	26	chr9:130883968-130887675
## 6043	chr9 130884482	+	G	222	chr9:130883968-130887675
## 6044	chr9 130884482	-	G	26	chr9:130883968-130887675
## 6045	chr9 130884483	+	G	223	chr9:130883968-130887675
## 6046	chr9 130884483	-	G	26	chr9:130883968-130887675
## 6047	chr9 130884484	+	A	224	chr9:130883968-130887675
## 6048	chr9 130884484	-	A	26	chr9:130883968-130887675
## 6049	chr9 130884485	+	G	224	chr9:130883968-130887675
## 6050	chr9 130884485	-	G	26	chr9:130883968-130887675
## 6051	chr9 130884486	+	G	224	chr9:130883968-130887675
## 6052	chr9 130884486	-	G	26	chr9:130883968-130887675
## 6053	chr9 130884487	+	T	223	chr9:130883968-130887675
## 6054	chr9 130884487	-	T	25	chr9:130883968-130887675
## 6055	chr9 130884488	+	C	223	chr9:130883968-130887675
## 6056	chr9 130884488	-	C	27	chr9:130883968-130887675
## 6057	chr9 130884489	+	A	223	chr9:130883968-130887675
## 6058	chr9 130884489	-	A	27	chr9:130883968-130887675
## 6059	chr9 130884490	+	G	222	chr9:130883968-130887675
## 6060	chr9 130884490	-	G	27	chr9:130883968-130887675
## 6061	chr9 130884491	+	T	223	chr9:130883968-130887675
## 6062	chr9 130884491	-	T	27	chr9:130883968-130887675
## 6063	chr9 130884492	+	C	223	chr9:130883968-130887675
## 6064	chr9 130884492	-	C	27	chr9:130883968-130887675
## 6065	chr9 130884493	+	A	222	chr9:130883968-130887675
## 6066	chr9 130884493	-	A	27	chr9:130883968-130887675
## 6067	chr9 130884494	+	C	222	chr9:130883968-130887675
## 6068	chr9 130884494	-	C	27	chr9:130883968-130887675
## 6069	chr9 130884495	+	G	223	chr9:130883968-130887675
## 6070	chr9 130884495	-	G	27	chr9:130883968-130887675
## 6071	chr9 130884496	+	C	220	chr9:130883968-130887675
## 6072	chr9 130884496	-	C	27	chr9:130883968-130887675
## 6073	chr9 130884497	+	A	1	chr9:130883968-130887675
## 6074	chr9 130884497	+	T	222	chr9:130883968-130887675
## 6075	chr9 130884497	-	T	27	chr9:130883968-130887675
## 6076	chr9 130884498	+	G	222	chr9:130883968-130887675
## 6077	chr9 130884498	-	G	27	chr9:130883968-130887675
## 6078	chr9 130884499	+	C	221	chr9:130883968-130887675
## 6079	chr9 130884499	-	C	27	chr9:130883968-130887675
## 6080	chr9 130884500	+	C	223	chr9:130883968-130887675
## 6081	chr9 130884500	-	C	27	chr9:130883968-130887675

## 6082	chr9 130884501	+	T	220	chr9:130883968-130887675
## 6083	chr9 130884501	-	T	27	chr9:130883968-130887675
## 6084	chr9 130884502	+	C	221	chr9:130883968-130887675
## 6085	chr9 130884502	-	C	27	chr9:130883968-130887675
## 6086	chr9 130884502	+	T	2	chr9:130883968-130887675
## 6087	chr9 130884503	+	G	223	chr9:130883968-130887675
## 6088	chr9 130884503	-	G	27	chr9:130883968-130887675
## 6089	chr9 130884504	+	G	221	chr9:130883968-130887675
## 6090	chr9 130884504	-	G	27	chr9:130883968-130887675
## 6091	chr9 130884505	+	G	221	chr9:130883968-130887675
## 6092	chr9 130884505	-	G	27	chr9:130883968-130887675
## 6093	chr9 130884506	+	A	212	chr9:130883968-130887675
## 6094	chr9 130884506	-	A	24	chr9:130883968-130887675
## 6095	chr9 130884507	+	C	218	chr9:130883968-130887675
## 6096	chr9 130884507	-	C	24	chr9:130883968-130887675
## 6097	chr9 130884508	+	T	213	chr9:130883968-130887675
## 6098	chr9 130884508	-	T	24	chr9:130883968-130887675
## 6099	chr9 130884509	+	T	205	chr9:130883968-130887675
## 6100	chr9 130884509	-	T	32	chr9:130883968-130887675
## 6101	chr9 130884510	+	G	209	chr9:130883968-130887675
## 6102	chr9 130884510	-	G	32	chr9:130883968-130887675
## 6103	chr9 130884511	+	C	203	chr9:130883968-130887675
## 6104	chr9 130884511	-	C	32	chr9:130883968-130887675
## 6105	chr9 130884512	+	A	207	chr9:130883968-130887675
## 6106	chr9 130884512	-	A	27	chr9:130883968-130887675
## 6107	chr9 130884513	+	G	208	chr9:130883968-130887675
## 6108	chr9 130884513	-	G	29	chr9:130883968-130887675
## 6109	chr9 130884514	+	T	216	chr9:130883968-130887675
## 6110	chr9 130884514	-	T	26	chr9:130883968-130887675
## 6111	chr9 130884515	+	C	220	chr9:130883968-130887675
## 6112	chr9 130884515	-	C	15	chr9:130883968-130887675
## 6113	chr9 130884516	+	C	212	chr9:130883968-130887675
## 6114	chr9 130884516	-	C	22	chr9:130883968-130887675
## 6115	chr9 130884517	+	A	221	chr9:130883968-130887675
## 6116	chr9 130884517	-	A	24	chr9:130883968-130887675
## 6117	chr9 130884518	+	C	225	chr9:130883968-130887675
## 6118	chr9 130884518	-	C	24	chr9:130883968-130887675
## 6119	chr9 130884519	+	G	226	chr9:130883968-130887675
## 6120	chr9 130884519	-	G	24	chr9:130883968-130887675
## 6121	chr9 130884520	+	G	226	chr9:130883968-130887675
## 6122	chr9 130884520	-	G	24	chr9:130883968-130887675
## 6123	chr9 130884521	+	C	1	chr9:130883968-130887675
## 6124	chr9 130884521	+	G	224	chr9:130883968-130887675
## 6125	chr9 130884521	-	G	24	chr9:130883968-130887675
## 6126	chr9 130884522	+	A	224	chr9:130883968-130887675
## 6127	chr9 130884522	-	A	24	chr9:130883968-130887675
## 6128	chr9 130884523	+	A	226	chr9:130883968-130887675
## 6129	chr9 130884523	-	A	24	chr9:130883968-130887675
## 6130	chr9 130884524	+	G	226	chr9:130883968-130887675
## 6131	chr9 130884524	-	G	24	chr9:130883968-130887675
## 6132	chr9 130884525	+	A	226	chr9:130883968-130887675
## 6133	chr9 130884525	-	A	24	chr9:130883968-130887675
## 6134	chr9 130884526	+	C	226	chr9:130883968-130887675
## 6135	chr9 130884526	-	C	24	chr9:130883968-130887675

## 6136	chr9 130884527	+	A	226	chr9:130883968-130887675
## 6137	chr9 130884527	-	A	24	chr9:130883968-130887675
## 6138	chr9 130884528	+	G	226	chr9:130883968-130887675
## 6139	chr9 130884528	-	G	24	chr9:130883968-130887675
## 6140	chr9 130884529	+	T	226	chr9:130883968-130887675
## 6141	chr9 130884529	-	T	24	chr9:130883968-130887675
## 6142	chr9 130884530	+	T	226	chr9:130883968-130887675
## 6143	chr9 130884530	-	T	24	chr9:130883968-130887675
## 6144	chr9 130884531	+	T	226	chr9:130883968-130887675
## 6145	chr9 130884531	-	T	24	chr9:130883968-130887675
## 6146	chr9 130884532	+	G	226	chr9:130883968-130887675
## 6147	chr9 130884532	-	G	24	chr9:130883968-130887675
## 6148	chr9 130884533	+	A	226	chr9:130883968-130887675
## 6149	chr9 130884533	-	A	24	chr9:130883968-130887675
## 6150	chr9 130884534	+	C	226	chr9:130883968-130887675
## 6151	chr9 130884534	-	C	24	chr9:130883968-130887675
## 6152	chr9 130884535	+	T	226	chr9:130883968-130887675
## 6153	chr9 130884535	-	T	24	chr9:130883968-130887675
## 6154	chr9 130884536	+	C	225	chr9:130883968-130887675
## 6155	chr9 130884536	-	C	24	chr9:130883968-130887675
## 6156	chr9 130884536	+	T	1	chr9:130883968-130887675
## 6157	chr9 130884537	+	G	225	chr9:130883968-130887675
## 6158	chr9 130884537	-	G	24	chr9:130883968-130887675
## 6159	chr9 130884538	+	T	226	chr9:130883968-130887675
## 6160	chr9 130884538	-	T	24	chr9:130883968-130887675
## 6161	chr9 130884539	+	C	226	chr9:130883968-130887675
## 6162	chr9 130884539	-	C	24	chr9:130883968-130887675
## 6163	chr9 130884540	+	C	226	chr9:130883968-130887675
## 6164	chr9 130884540	-	C	24	chr9:130883968-130887675
## 6165	chr9 130884541	+	A	226	chr9:130883968-130887675
## 6166	chr9 130884541	-	A	23	chr9:130883968-130887675
## 6167	chr9 130884541	-	T	1	chr9:130883968-130887675
## 6168	chr9 130884542	+	C	226	chr9:130883968-130887675
## 6169	chr9 130884542	-	C	24	chr9:130883968-130887675
## 6170	chr9 130884543	+	A	226	chr9:130883968-130887675
## 6171	chr9 130884543	-	A	24	chr9:130883968-130887675
## 6172	chr9 130884544	+	T	226	chr9:130883968-130887675
## 6173	chr9 130884544	-	T	24	chr9:130883968-130887675
## 6174	chr9 130884545	+	T	226	chr9:130883968-130887675
## 6175	chr9 130884545	-	T	24	chr9:130883968-130887675
## 6176	chr9 130884546	-	A	1	chr9:130883968-130887675
## 6177	chr9 130884546	+	T	226	chr9:130883968-130887675
## 6178	chr9 130884546	-	T	23	chr9:130883968-130887675
## 6179	chr9 130884547	+	G	225	chr9:130883968-130887675
## 6180	chr9 130884547	-	G	24	chr9:130883968-130887675
## 6181	chr9 130884548	+	G	226	chr9:130883968-130887675
## 6182	chr9 130884548	-	G	24	chr9:130883968-130887675
## 6183	chr9 130884549	+	A	226	chr9:130883968-130887675
## 6184	chr9 130884549	-	A	24	chr9:130883968-130887675
## 6185	chr9 130884550	+	G	226	chr9:130883968-130887675
## 6186	chr9 130884550	-	G	24	chr9:130883968-130887675
## 6187	chr9 130884551	+	G	225	chr9:130883968-130887675
## 6188	chr9 130884551	-	G	24	chr9:130883968-130887675
## 6189	chr9 130884551	+	T	1	chr9:130883968-130887675

## 6190	chr9 130884552	+	G	225	chr9:130883968-130887675
## 6191	chr9 130884552	-	G	24	chr9:130883968-130887675
## 6192	chr9 130884553	+	C	225	chr9:130883968-130887675
## 6193	chr9 130884553	-	C	24	chr9:130883968-130887675
## 6194	chr9 130884554	+	A	224	chr9:130883968-130887675
## 6195	chr9 130884554	-	A	24	chr9:130883968-130887675
## 6196	chr9 130884555	+	C	225	chr9:130883968-130887675
## 6197	chr9 130884555	-	C	24	chr9:130883968-130887675
## 6198	chr9 130884556	+	A	224	chr9:130883968-130887675
## 6199	chr9 130884556	-	A	24	chr9:130883968-130887675
## 6200	chr9 130884557	+	A	225	chr9:130883968-130887675
## 6201	chr9 130884557	-	A	24	chr9:130883968-130887675
## 6202	chr9 130884557	+	G	1	chr9:130883968-130887675
## 6203	chr9 130884558	+	A	224	chr9:130883968-130887675
## 6204	chr9 130884558	-	A	24	chr9:130883968-130887675
## 6205	chr9 130884559	+	A	225	chr9:130883968-130887675
## 6206	chr9 130884559	-	A	24	chr9:130883968-130887675
## 6207	chr9 130884560	+	A	1	chr9:130883968-130887675
## 6208	chr9 130884560	+	G	225	chr9:130883968-130887675
## 6209	chr9 130884560	-	G	24	chr9:130883968-130887675
## 6210	chr9 130884561	+	T	226	chr9:130883968-130887675
## 6211	chr9 130884561	-	T	23	chr9:130883968-130887675
## 6212	chr9 130884562	+	G	227	chr9:130883968-130887675
## 6213	chr9 130884562	-	G	23	chr9:130883968-130887675
## 6214	chr9 130884563	+	A	227	chr9:130883968-130887675
## 6215	chr9 130884563	-	A	22	chr9:130883968-130887675
## 6216	chr9 130884564	+	G	228	chr9:130883968-130887675
## 6217	chr9 130884564	-	G	22	chr9:130883968-130887675
## 6218	chr9 130884565	+	A	228	chr9:130883968-130887675
## 6219	chr9 130884565	-	A	22	chr9:130883968-130887675
## 6220	chr9 130884566	+	A	227	chr9:130883968-130887675
## 6221	chr9 130884566	-	A	22	chr9:130883968-130887675
## 6222	chr9 130884567	+	G	228	chr9:130883968-130887675
## 6223	chr9 130884567	-	G	22	chr9:130883968-130887675
## 6224	chr9 130884568	+	C	228	chr9:130883968-130887675
## 6225	chr9 130884568	-	C	22	chr9:130883968-130887675
## 6226	chr9 130884569	+	C	225	chr9:130883968-130887675
## 6227	chr9 130884569	-	C	22	chr9:130883968-130887675
## 6228	chr9 130884569	+	T	2	chr9:130883968-130887675
## 6229	chr9 130884570	+	G	227	chr9:130883968-130887675
## 6230	chr9 130884570	-	G	22	chr9:130883968-130887675
## 6231	chr9 130884571	+	G	227	chr9:130883968-130887675
## 6232	chr9 130884571	-	G	22	chr9:130883968-130887675
## 6233	chr9 130884572	+	C	226	chr9:130883968-130887675
## 6234	chr9 130884572	-	C	22	chr9:130883968-130887675
## 6235	chr9 130884573	+	T	228	chr9:130883968-130887675
## 6236	chr9 130884573	-	T	22	chr9:130883968-130887675
## 6237	chr9 130884574	+	C	227	chr9:130883968-130887675
## 6238	chr9 130884574	-	C	22	chr9:130883968-130887675
## 6239	chr9 130884575	+	T	226	chr9:130883968-130887675
## 6240	chr9 130884575	-	T	22	chr9:130883968-130887675
## 6241	chr9 130884576	+	G	228	chr9:130883968-130887675
## 6242	chr9 130884576	-	G	22	chr9:130883968-130887675
## 6243	chr9 130884577	+	C	225	chr9:130883968-130887675

## 6244	chr9 130884577	-	C	22	chr9:130883968-130887675
## 6245	chr9 130884578	+	C	226	chr9:130883968-130887675
## 6246	chr9 130884578	-	C	23	chr9:130883968-130887675
## 6247	chr9 130884579	+	T	227	chr9:130883968-130887675
## 6248	chr9 130884579	-	T	23	chr9:130883968-130887675
## 6249	chr9 130884580	+	C	225	chr9:130883968-130887675
## 6250	chr9 130884580	-	C	23	chr9:130883968-130887675
## 6251	chr9 130884581	+	G	225	chr9:130883968-130887675
## 6252	chr9 130884581	-	G	23	chr9:130883968-130887675
## 6253	chr9 130884582	+	G	213	chr9:130883968-130887675
## 6254	chr9 130884582	-	G	23	chr9:130883968-130887675
## 6255	chr9 130884583	+	A	219	chr9:130883968-130887675
## 6256	chr9 130884583	-	A	22	chr9:130883968-130887675
## 6257	chr9 130884584	+	A	222	chr9:130883968-130887675
## 6258	chr9 130884584	-	A	15	chr9:130883968-130887675
## 6259	chr9 130884585	+	G	222	chr9:130883968-130887675
## 6260	chr9 130884585	-	G	15	chr9:130883968-130887675
## 6261	chr9 130884586	+	A	218	chr9:130883968-130887675
## 6262	chr9 130884586	-	A	23	chr9:130883968-130887675
## 6263	chr9 130884587	+	G	213	chr9:130883968-130887675
## 6264	chr9 130884587	-	G	23	chr9:130883968-130887675
## 6265	chr9 130884588	+	G	212	chr9:130883968-130887675
## 6266	chr9 130884588	-	G	22	chr9:130883968-130887675
## 6267	chr9 130884589	+	G	213	chr9:130883968-130887675
## 6268	chr9 130884589	-	G	22	chr9:130883968-130887675
## 6269	chr9 130884589	+	T	1	chr9:130883968-130887675
## 6270	chr9 130884590	+	C	206	chr9:130883968-130887675
## 6271	chr9 130884590	-	C	31	chr9:130883968-130887675
## 6272	chr9 130884591	+	A	208	chr9:130883968-130887675
## 6273	chr9 130884591	-	A	26	chr9:130883968-130887675
## 6274	chr9 130884592	+	G	201	chr9:130883968-130887675
## 6275	chr9 130884592	-	G	38	chr9:130883968-130887675
## 6276	chr9 130884593	+	A	1	chr9:130883968-130887675
## 6277	chr9 130884593	+	G	205	chr9:130883968-130887675
## 6278	chr9 130884593	-	G	39	chr9:130883968-130887675
## 6279	chr9 130884594	+	G	207	chr9:130883968-130887675
## 6280	chr9 130884594	-	G	42	chr9:130883968-130887675
## 6281	chr9 130884595	+	G	208	chr9:130883968-130887675
## 6282	chr9 130884595	-	G	42	chr9:130883968-130887675
## 6283	chr9 130884596	+	A	207	chr9:130883968-130887675
## 6284	chr9 130884596	-	A	43	chr9:130883968-130887675
## 6285	chr9 130884597	+	G	206	chr9:130883968-130887675
## 6286	chr9 130884597	-	G	43	chr9:130883968-130887675
## 6287	chr9 130884598	+	A	205	chr9:130883968-130887675
## 6288	chr9 130884598	-	A	43	chr9:130883968-130887675
## 6289	chr9 130884599	+	A	207	chr9:130883968-130887675
## 6290	chr9 130884599	-	A	43	chr9:130883968-130887675
## 6291	chr9 130884600	+	C	207	chr9:130883968-130887675
## 6292	chr9 130884600	-	C	43	chr9:130883968-130887675
## 6293	chr9 130884601	+	A	207	chr9:130883968-130887675
## 6294	chr9 130884601	-	A	43	chr9:130883968-130887675
## 6295	chr9 130884602	+	G	207	chr9:130883968-130887675
## 6296	chr9 130884602	-	G	43	chr9:130883968-130887675
## 6297	chr9 130884603	+	G	207	chr9:130883968-130887675

## 6298	chr9 130884603	-	G	43	chr9:130883968-130887675
## 6299	chr9 130884604	+	T	207	chr9:130883968-130887675
## 6300	chr9 130884604	-	T	43	chr9:130883968-130887675
## 6301	chr9 130884605	+	C	207	chr9:130883968-130887675
## 6302	chr9 130884605	-	C	43	chr9:130883968-130887675
## 6303	chr9 130884606	-	C	1	chr9:130883968-130887675
## 6304	chr9 130884606	+	T	207	chr9:130883968-130887675
## 6305	chr9 130884606	-	T	42	chr9:130883968-130887675
## 6306	chr9 130884607	+	G	207	chr9:130883968-130887675
## 6307	chr9 130884607	-	G	43	chr9:130883968-130887675
## 6308	chr9 130884608	+	A	207	chr9:130883968-130887675
## 6309	chr9 130884608	-	A	43	chr9:130883968-130887675
## 6310	chr9 130884609	+	C	207	chr9:130883968-130887675
## 6311	chr9 130884609	-	C	43	chr9:130883968-130887675
## 6312	chr9 130884610	+	C	207	chr9:130883968-130887675
## 6313	chr9 130884610	-	C	43	chr9:130883968-130887675
## 6314	chr9 130884611	+	A	206	chr9:130883968-130887675
## 6315	chr9 130884611	-	A	43	chr9:130883968-130887675
## 6316	chr9 130884611	+	G	1	chr9:130883968-130887675
## 6317	chr9 130884612	+	G	207	chr9:130883968-130887675
## 6318	chr9 130884612	-	G	43	chr9:130883968-130887675
## 6319	chr9 130884613	+	G	206	chr9:130883968-130887675
## 6320	chr9 130884613	-	G	43	chr9:130883968-130887675
## 6321	chr9 130884614	+	T	207	chr9:130883968-130887675
## 6322	chr9 130884614	-	T	43	chr9:130883968-130887675
## 6323	chr9 130884615	+	G	207	chr9:130883968-130887675
## 6324	chr9 130884615	-	G	43	chr9:130883968-130887675
## 6325	chr9 130884616	+	A	207	chr9:130883968-130887675
## 6326	chr9 130884616	-	A	43	chr9:130883968-130887675
## 6327	chr9 130884617	+	C	207	chr9:130883968-130887675
## 6328	chr9 130884617	-	C	43	chr9:130883968-130887675
## 6329	chr9 130884618	+	C	206	chr9:130883968-130887675
## 6330	chr9 130884618	-	C	44	chr9:130883968-130887675
## 6331	chr9 130884619	+	C	206	chr9:130883968-130887675
## 6332	chr9 130884619	-	C	44	chr9:130883968-130887675
## 6333	chr9 130884620	+	G	206	chr9:130883968-130887675
## 6334	chr9 130884620	-	G	44	chr9:130883968-130887675
## 6335	chr9 130884621	+	A	205	chr9:130883968-130887675
## 6336	chr9 130884621	-	A	44	chr9:130883968-130887675
## 6337	chr9 130884622	+	G	207	chr9:130883968-130887675
## 6338	chr9 130884622	-	G	44	chr9:130883968-130887675
## 6339	chr9 130884623	+	G	206	chr9:130883968-130887675
## 6340	chr9 130884623	-	G	44	chr9:130883968-130887675
## 6341	chr9 130884624	+	C	206	chr9:130883968-130887675
## 6342	chr9 130884624	-	C	44	chr9:130883968-130887675
## 6343	chr9 130884625	+	A	206	chr9:130883968-130887675
## 6344	chr9 130884625	-	A	44	chr9:130883968-130887675
## 6345	chr9 130884626	+	C	206	chr9:130883968-130887675
## 6346	chr9 130884626	-	C	44	chr9:130883968-130887675
## 6347	chr9 130884627	+	A	206	chr9:130883968-130887675
## 6348	chr9 130884627	-	A	44	chr9:130883968-130887675
## 6349	chr9 130884628	+	G	205	chr9:130883968-130887675
## 6350	chr9 130884628	-	G	44	chr9:130883968-130887675
## 6351	chr9 130884629	+	T	205	chr9:130883968-130887675

## 6352	chr9 130884629	-	T	44	chr9:130883968-130887675
## 6353	chr9 130884630	+	A	204	chr9:130883968-130887675
## 6354	chr9 130884630	-	A	44	chr9:130883968-130887675
## 6355	chr9 130884631	+	A	203	chr9:130883968-130887675
## 6356	chr9 130884631	-	A	44	chr9:130883968-130887675
## 6357	chr9 130884631	+	G	1	chr9:130883968-130887675
## 6358	chr9 130884632	+	C	204	chr9:130883968-130887675
## 6359	chr9 130884632	-	C	44	chr9:130883968-130887675
## 6360	chr9 130884633	+	G	206	chr9:130883968-130887675
## 6361	chr9 130884633	-	G	44	chr9:130883968-130887675
## 6362	chr9 130884634	+	C	204	chr9:130883968-130887675
## 6363	chr9 130884634	-	C	44	chr9:130883968-130887675
## 6364	chr9 130884635	+	C	205	chr9:130883968-130887675
## 6365	chr9 130884635	-	C	44	chr9:130883968-130887675
## 6366	chr9 130884636	+	T	206	chr9:130883968-130887675
## 6367	chr9 130884636	-	T	44	chr9:130883968-130887675
## 6368	chr9 130884637	+	C	205	chr9:130883968-130887675
## 6369	chr9 130884637	-	C	44	chr9:130883968-130887675
## 6370	chr9 130884638	+	C	206	chr9:130883968-130887675
## 6371	chr9 130884638	-	C	44	chr9:130883968-130887675
## 6372	chr9 130884639	+	C	204	chr9:130883968-130887675
## 6373	chr9 130884639	-	C	44	chr9:130883968-130887675
## 6374	chr9 130884639	+	T	1	chr9:130883968-130887675
## 6375	chr9 130884640	+	C	206	chr9:130883968-130887675
## 6376	chr9 130884640	-	C	44	chr9:130883968-130887675
## 6377	chr9 130884641	+	A	2	chr9:130883968-130887675
## 6378	chr9 130884641	+	C	203	chr9:130883968-130887675
## 6379	chr9 130884641	-	C	44	chr9:130883968-130887675
## 6380	chr9 130884642	+	C	205	chr9:130883968-130887675
## 6381	chr9 130884642	-	C	44	chr9:130883968-130887675
## 6382	chr9 130884643	+	A	206	chr9:130883968-130887675
## 6383	chr9 130884643	-	A	44	chr9:130883968-130887675
## 6384	chr9 130884644	+	G	206	chr9:130883968-130887675
## 6385	chr9 130884644	-	G	44	chr9:130883968-130887675
## 6386	chr9 130884645	+	G	205	chr9:130883968-130887675
## 6387	chr9 130884645	-	G	44	chr9:130883968-130887675
## 6388	chr9 130884646	+	C	205	chr9:130883968-130887675
## 6389	chr9 130884646	-	C	44	chr9:130883968-130887675
## 6390	chr9 130884647	+	T	204	chr9:130883968-130887675
## 6391	chr9 130884647	-	T	44	chr9:130883968-130887675
## 6392	chr9 130884648	+	G	203	chr9:130883968-130887675
## 6393	chr9 130884648	-	G	46	chr9:130883968-130887675
## 6394	chr9 130884649	+	G	204	chr9:130883968-130887675
## 6395	chr9 130884649	-	G	46	chr9:130883968-130887675
## 6396	chr9 130884650	+	T	203	chr9:130883968-130887675
## 6397	chr9 130884650	-	T	46	chr9:130883968-130887675
## 6398	chr9 130884651	+	G	201	chr9:130883968-130887675
## 6399	chr9 130884651	-	G	47	chr9:130883968-130887675
## 6400	chr9 130884652	+	A	202	chr9:130883968-130887675
## 6401	chr9 130884652	-	A	46	chr9:130883968-130887675
## 6402	chr9 130884652	+	T	1	chr9:130883968-130887675
## 6403	chr9 130884653	+	A	203	chr9:130883968-130887675
## 6404	chr9 130884653	-	A	46	chr9:130883968-130887675
## 6405	chr9 130884654	+	A	203	chr9:130883968-130887675

## 6406	chr9 130884654	-	A	46	chr9:130883968-130887675
## 6407	chr9 130884655	+	A	203	chr9:130883968-130887675
## 6408	chr9 130884655	-	A	46	chr9:130883968-130887675
## 6409	chr9 130884656	+	A	201	chr9:130883968-130887675
## 6410	chr9 130884656	-	A	46	chr9:130883968-130887675
## 6411	chr9 130884657	+	G	202	chr9:130883968-130887675
## 6412	chr9 130884657	-	G	46	chr9:130883968-130887675
## 6413	chr9 130884657	+	T	1	chr9:130883968-130887675
## 6414	chr9 130884658	+	A	189	chr9:130883968-130887675
## 6415	chr9 130884658	-	A	46	chr9:130883968-130887675
## 6416	chr9 130884659	+	A	190	chr9:130883968-130887675
## 6417	chr9 130884659	-	A	51	chr9:130883968-130887675
## 6418	chr9 130884660	-	C	1	chr9:130883968-130887675
## 6419	chr9 130884660	+	T	183	chr9:130883968-130887675
## 6420	chr9 130884660	-	T	54	chr9:130883968-130887675
## 6421	chr9 130884661	+	G	181	chr9:130883968-130887675
## 6422	chr9 130884661	-	G	56	chr9:130883968-130887675
## 6423	chr9 130884662	+	A	184	chr9:130883968-130887675
## 6424	chr9 130884662	-	A	58	chr9:130883968-130887675
## 6425	chr9 130884663	+	G	182	chr9:130883968-130887675
## 6426	chr9 130884663	-	G	54	chr9:130883968-130887675
## 6427	chr9 130884664	+	G	172	chr9:130883968-130887675
## 6428	chr9 130884664	-	G	62	chr9:130883968-130887675
## 6429	chr9 130884665	+	A	176	chr9:130883968-130887675
## 6430	chr9 130884665	-	A	58	chr9:130883968-130887675
## 6431	chr9 130884666	+	A	171	chr9:130883968-130887675
## 6432	chr9 130884666	-	A	66	chr9:130883968-130887675
## 6433	chr9 130884667	+	G	173	chr9:130883968-130887675
## 6434	chr9 130884667	-	G	61	chr9:130883968-130887675
## 6435	chr9 130884667	+	T	1	chr9:130883968-130887675
## 6436	chr9 130884668	+	C	167	chr9:130883968-130887675
## 6437	chr9 130884668	-	C	70	chr9:130883968-130887675
## 6438	chr9 130884668	-	T	1	chr9:130883968-130887675
## 6439	chr9 130884669	-	G	1	chr9:130883968-130887675
## 6440	chr9 130884669	+	T	169	chr9:130883968-130887675
## 6441	chr9 130884669	-	T	76	chr9:130883968-130887675
## 6442	chr9 130884670	+	G	170	chr9:130883968-130887675
## 6443	chr9 130884670	-	G	78	chr9:130883968-130887675
## 6444	chr9 130884670	+	T	1	chr9:130883968-130887675
## 6445	chr9 130884671	+	C	173	chr9:130883968-130887675
## 6446	chr9 130884671	-	C	77	chr9:130883968-130887675
## 6447	chr9 130884672	-	G	1	chr9:130883968-130887675
## 6448	chr9 130884672	+	T	172	chr9:130883968-130887675
## 6449	chr9 130884672	-	T	76	chr9:130883968-130887675
## 6450	chr9 130884673	+	G	172	chr9:130883968-130887675
## 6451	chr9 130884673	-	G	77	chr9:130883968-130887675
## 6452	chr9 130884674	+	A	171	chr9:130883968-130887675
## 6453	chr9 130884674	-	A	77	chr9:130883968-130887675
## 6454	chr9 130884675	+	T	173	chr9:130883968-130887675
## 6455	chr9 130884675	-	T	77	chr9:130883968-130887675
## 6456	chr9 130884676	+	G	174	chr9:130883968-130887675
## 6457	chr9 130884676	-	G	77	chr9:130883968-130887675
## 6458	chr9 130884677	+	A	174	chr9:130883968-130887675
## 6459	chr9 130884677	-	A	77	chr9:130883968-130887675

## 6460	chr9 130884678	+	G 174	chr9:130883968-130887675
## 6461	chr9 130884678	-	G 77	chr9:130883968-130887675
## 6462	chr9 130884679	+	G 173	chr9:130883968-130887675
## 6463	chr9 130884679	-	G 77	chr9:130883968-130887675
## 6464	chr9 130884680	+	T 173	chr9:130883968-130887675
## 6465	chr9 130884680	-	T 77	chr9:130883968-130887675
## 6466	chr9 130884681	+	C 173	chr9:130883968-130887675
## 6467	chr9 130884681	-	C 77	chr9:130883968-130887675
## 6468	chr9 130884682	+	T 173	chr9:130883968-130887675
## 6469	chr9 130884682	-	T 77	chr9:130883968-130887675
## 6470	chr9 130884683	+	T 173	chr9:130883968-130887675
## 6471	chr9 130884683	-	T 77	chr9:130883968-130887675
## 6472	chr9 130884684	+	C 173	chr9:130883968-130887675
## 6473	chr9 130884684	-	C 77	chr9:130883968-130887675
## 6474	chr9 130884685	+	A 173	chr9:130883968-130887675
## 6475	chr9 130884685	-	A 77	chr9:130883968-130887675
## 6476	chr9 130884686	+	A 173	chr9:130883968-130887675
## 6477	chr9 130884686	-	A 77	chr9:130883968-130887675
## 6478	chr9 130884687	+	A 173	chr9:130883968-130887675
## 6479	chr9 130884687	-	A 77	chr9:130883968-130887675
## 6480	chr9 130884688	+	G 173	chr9:130883968-130887675
## 6481	chr9 130884688	-	G 77	chr9:130883968-130887675
## 6482	chr9 130884689	+	A 172	chr9:130883968-130887675
## 6483	chr9 130884689	-	A 77	chr9:130883968-130887675
## 6484	chr9 130884690	+	C 173	chr9:130883968-130887675
## 6485	chr9 130884690	-	C 77	chr9:130883968-130887675
## 6486	chr9 130884691	+	A 173	chr9:130883968-130887675
## 6487	chr9 130884691	-	A 77	chr9:130883968-130887675
## 6488	chr9 130884692	+	T 173	chr9:130883968-130887675
## 6489	chr9 130884692	-	T 77	chr9:130883968-130887675
## 6490	chr9 130884693	+	C 174	chr9:130883968-130887675
## 6491	chr9 130884693	-	C 76	chr9:130883968-130887675
## 6492	chr9 130884694	+	A 174	chr9:130883968-130887675
## 6493	chr9 130884694	-	A 76	chr9:130883968-130887675
## 6494	chr9 130884695	+	T 174	chr9:130883968-130887675
## 6495	chr9 130884695	-	T 76	chr9:130883968-130887675
## 6496	chr9 130884696	+	G 174	chr9:130883968-130887675
## 6497	chr9 130884696	-	G 76	chr9:130883968-130887675
## 6498	chr9 130884697	+	G 173	chr9:130883968-130887675
## 6499	chr9 130884697	-	G 76	chr9:130883968-130887675
## 6500	chr9 130884698	+	A 174	chr9:130883968-130887675
## 6501	chr9 130884698	-	A 76	chr9:130883968-130887675
## 6502	chr9 130884699	+	G 174	chr9:130883968-130887675
## 6503	chr9 130884699	-	G 76	chr9:130883968-130887675
## 6504	chr9 130884700	+	T 174	chr9:130883968-130887675
## 6505	chr9 130884700	-	T 76	chr9:130883968-130887675
## 6506	chr9 130884701	+	C 174	chr9:130883968-130887675
## 6507	chr9 130884701	-	C 76	chr9:130883968-130887675
## 6508	chr9 130884702	+	A 1	chr9:130883968-130887675
## 6509	chr9 130884702	+	C 173	chr9:130883968-130887675
## 6510	chr9 130884702	-	C 76	chr9:130883968-130887675
## 6511	chr9 130884703	+	A 173	chr9:130883968-130887675
## 6512	chr9 130884703	-	A 76	chr9:130883968-130887675
## 6513	chr9 130884704	+	G 174	chr9:130883968-130887675

## 6514	chr9 130884704	-	G	75	chr9:130883968-130887675
## 6515	chr9 130884705	+	C	174	chr9:130883968-130887675
## 6516	chr9 130884705	-	C	75	chr9:130883968-130887675
## 6517	chr9 130884705	+	T	1	chr9:130883968-130887675
## 6518	chr9 130884706	+	C	173	chr9:130883968-130887675
## 6519	chr9 130884706	-	C	75	chr9:130883968-130887675
## 6520	chr9 130884707	+	C	173	chr9:130883968-130887675
## 6521	chr9 130884707	-	C	75	chr9:130883968-130887675
## 6522	chr9 130884708	+	A	1	chr9:130883968-130887675
## 6523	chr9 130884708	+	G	172	chr9:130883968-130887675
## 6524	chr9 130884708	-	G	75	chr9:130883968-130887675
## 6525	chr9 130884709	+	G	175	chr9:130883968-130887675
## 6526	chr9 130884709	-	G	75	chr9:130883968-130887675
## 6527	chr9 130884710	+	G	174	chr9:130883968-130887675
## 6528	chr9 130884710	-	G	73	chr9:130883968-130887675
## 6529	chr9 130884711	+	C	176	chr9:130883968-130887675
## 6530	chr9 130884711	-	C	73	chr9:130883968-130887675
## 6531	chr9 130884712	+	T	176	chr9:130883968-130887675
## 6532	chr9 130884712	-	T	74	chr9:130883968-130887675
## 6533	chr9 130884713	+	C	175	chr9:130883968-130887675
## 6534	chr9 130884713	-	C	74	chr9:130883968-130887675
## 6535	chr9 130884714	+	C	176	chr9:130883968-130887675
## 6536	chr9 130884714	-	C	74	chr9:130883968-130887675
## 6537	chr9 130884715	+	A	174	chr9:130883968-130887675
## 6538	chr9 130884715	-	A	74	chr9:130883968-130887675
## 6539	chr9 130884716	+	G	176	chr9:130883968-130887675
## 6540	chr9 130884716	-	G	74	chr9:130883968-130887675
## 6541	chr9 130884716	+	T	1	chr9:130883968-130887675
## 6542	chr9 130884717	+	C	176	chr9:130883968-130887675
## 6543	chr9 130884717	-	C	74	chr9:130883968-130887675
## 6544	chr9 130884718	+	C	175	chr9:130883968-130887675
## 6545	chr9 130884718	-	C	74	chr9:130883968-130887675
## 6546	chr9 130884719	+	C	176	chr9:130883968-130887675
## 6547	chr9 130884719	-	C	74	chr9:130883968-130887675
## 6548	chr9 130884720	+	G	176	chr9:130883968-130887675
## 6549	chr9 130884720	-	G	74	chr9:130883968-130887675
## 6550	chr9 130884721	+	C	174	chr9:130883968-130887675
## 6551	chr9 130884721	-	C	74	chr9:130883968-130887675
## 6552	chr9 130884722	+	C	176	chr9:130883968-130887675
## 6553	chr9 130884722	-	C	74	chr9:130883968-130887675
## 6554	chr9 130884723	+	A	1	chr9:130883968-130887675
## 6555	chr9 130884723	+	C	173	chr9:130883968-130887675
## 6556	chr9 130884723	-	C	72	chr9:130883968-130887675
## 6557	chr9 130884724	+	A	177	chr9:130883968-130887675
## 6558	chr9 130884724	-	A	72	chr9:130883968-130887675
## 6559	chr9 130884725	+	A	177	chr9:130883968-130887675
## 6560	chr9 130884725	-	A	72	chr9:130883968-130887675
## 6561	chr9 130884725	+	C	1	chr9:130883968-130887675
## 6562	chr9 130884726	+	C	178	chr9:130883968-130887675
## 6563	chr9 130884726	-	C	71	chr9:130883968-130887675
## 6564	chr9 130884727	+	C	175	chr9:130883968-130887675
## 6565	chr9 130884727	-	C	71	chr9:130883968-130887675
## 6566	chr9 130884727	+	T	2	chr9:130883968-130887675
## 6567	chr9 130884728	+	T	178	chr9:130883968-130887675

## 6568	chr9 130884728	-	T	71	chr9:130883968-130887675
## 6569	chr9 130884729	+	G	177	chr9:130883968-130887675
## 6570	chr9 130884729	-	G	71	chr9:130883968-130887675
## 6571	chr9 130884730	+	A	175	chr9:130883968-130887675
## 6572	chr9 130884730	-	A	71	chr9:130883968-130887675
## 6573	chr9 130884731	+	C	180	chr9:130883968-130887675
## 6574	chr9 130884731	-	C	71	chr9:130883968-130887675
## 6575	chr9 130884732	+	T	176	chr9:130883968-130887675
## 6576	chr9 130884732	-	T	71	chr9:130883968-130887675
## 6577	chr9 130884733	+	A	1	chr9:130883968-130887675
## 6578	chr9 130884733	+	C	175	chr9:130883968-130887675
## 6579	chr9 130884733	-	C	74	chr9:130883968-130887675
## 6580	chr9 130884734	-	A	4	chr9:130883968-130887675
## 6581	chr9 130884734	+	C	166	chr9:130883968-130887675
## 6582	chr9 130884734	-	C	65	chr9:130883968-130887675
## 6583	chr9 130884735	+	A	167	chr9:130883968-130887675
## 6584	chr9 130884735	-	A	75	chr9:130883968-130887675
## 6585	chr9 130884736	+	A	172	chr9:130883968-130887675
## 6586	chr9 130884736	-	A	65	chr9:130883968-130887675
## 6587	chr9 130884737	+	A	166	chr9:130883968-130887675
## 6588	chr9 130884737	-	A	68	chr9:130883968-130887675
## 6589	chr9 130884737	-	C	2	chr9:130883968-130887675
## 6590	chr9 130884738	+	A	173	chr9:130883968-130887675
## 6591	chr9 130884738	-	A	67	chr9:130883968-130887675
## 6592	chr9 130884738	-	T	2	chr9:130883968-130887675
## 6593	chr9 130884739	+	C	175	chr9:130883968-130887675
## 6594	chr9 130884739	-	C	62	chr9:130883968-130887675
## 6595	chr9 130884740	+	C	183	chr9:130883968-130887675
## 6596	chr9 130884740	-	C	59	chr9:130883968-130887675
## 6597	chr9 130884741	+	C	185	chr9:130883968-130887675
## 6598	chr9 130884741	-	C	48	chr9:130883968-130887675
## 6599	chr9 130884742	+	C	180	chr9:130883968-130887675
## 6600	chr9 130884742	-	C	47	chr9:130883968-130887675
## 6601	chr9 130884743	+	G	1	chr9:130883968-130887675
## 6602	chr9 130884743	+	T	180	chr9:130883968-130887675
## 6603	chr9 130884743	-	T	54	chr9:130883968-130887675
## 6604	chr9 130884744	+	C	186	chr9:130883968-130887675
## 6605	chr9 130884744	-	C	52	chr9:130883968-130887675
## 6606	chr9 130884745	+	A	1	chr9:130883968-130887675
## 6607	chr9 130884745	+	C	188	chr9:130883968-130887675
## 6608	chr9 130884745	-	C	58	chr9:130883968-130887675
## 6609	chr9 130884746	+	G	191	chr9:130883968-130887675
## 6610	chr9 130884746	-	G	58	chr9:130883968-130887675
## 6611	chr9 130884747	+	G	192	chr9:130883968-130887675
## 6612	chr9 130884747	-	G	58	chr9:130883968-130887675
## 6613	chr9 130884748	+	C	191	chr9:130883968-130887675
## 6614	chr9 130884748	-	C	58	chr9:130883968-130887675
## 6615	chr9 130884749	+	G	188	chr9:130883968-130887675
## 6616	chr9 130884749	-	G	58	chr9:130883968-130887675
## 6617	chr9 130884749	+	T	2	chr9:130883968-130887675
## 6618	chr9 130884750	+	G	189	chr9:130883968-130887675
## 6619	chr9 130884750	-	G	58	chr9:130883968-130887675
## 6620	chr9 130884751	+	C	192	chr9:130883968-130887675
## 6621	chr9 130884751	-	C	58	chr9:130883968-130887675

## 6622	chr9 130884752	+	A	192	chr9:130883968-130887675
## 6623	chr9 130884752	-	A	58	chr9:130883968-130887675
## 6624	chr9 130884753	+	G	193	chr9:130883968-130887675
## 6625	chr9 130884753	-	G	58	chr9:130883968-130887675
## 6626	chr9 130884754	+	G	193	chr9:130883968-130887675
## 6627	chr9 130884754	-	G	58	chr9:130883968-130887675
## 6628	chr9 130884755	+	T	194	chr9:130883968-130887675
## 6629	chr9 130884755	-	T	58	chr9:130883968-130887675
## 6630	chr9 130884756	+	C	194	chr9:130883968-130887675
## 6631	chr9 130884756	-	C	58	chr9:130883968-130887675
## 6632	chr9 130884757	+	A	193	chr9:130883968-130887675
## 6633	chr9 130884757	-	A	58	chr9:130883968-130887675
## 6634	chr9 130884758	+	C	194	chr9:130883968-130887675
## 6635	chr9 130884758	-	C	58	chr9:130883968-130887675
## 6636	chr9 130884759	+	C	194	chr9:130883968-130887675
## 6637	chr9 130884759	-	C	58	chr9:130883968-130887675
## 6638	chr9 130884760	+	G	193	chr9:130883968-130887675
## 6639	chr9 130884760	-	G	58	chr9:130883968-130887675
## 6640	chr9 130884761	+	T	194	chr9:130883968-130887675
## 6641	chr9 130884761	-	T	58	chr9:130883968-130887675
## 6642	chr9 130884762	+	G	194	chr9:130883968-130887675
## 6643	chr9 130884762	-	G	58	chr9:130883968-130887675
## 6644	chr9 130884763	+	G	194	chr9:130883968-130887675
## 6645	chr9 130884763	-	G	58	chr9:130883968-130887675
## 6646	chr9 130884764	+	C	194	chr9:130883968-130887675
## 6647	chr9 130884764	-	C	58	chr9:130883968-130887675
## 6648	chr9 130884765	+	C	194	chr9:130883968-130887675
## 6649	chr9 130884765	-	C	58	chr9:130883968-130887675
## 6650	chr9 130884766	+	C	195	chr9:130883968-130887675
## 6651	chr9 130884766	-	C	58	chr9:130883968-130887675
## 6652	chr9 130884767	+	C	195	chr9:130883968-130887675
## 6653	chr9 130884767	-	C	58	chr9:130883968-130887675
## 6654	chr9 130884768	+	A	1	chr9:130883968-130887675
## 6655	chr9 130884768	+	T	194	chr9:130883968-130887675
## 6656	chr9 130884768	-	T	58	chr9:130883968-130887675
## 6657	chr9 130884769	+	G	195	chr9:130883968-130887675
## 6658	chr9 130884769	-	G	58	chr9:130883968-130887675
## 6659	chr9 130884770	+	C	195	chr9:130883968-130887675
## 6660	chr9 130884770	-	C	58	chr9:130883968-130887675
## 6661	chr9 130884771	+	C	195	chr9:130883968-130887675
## 6662	chr9 130884771	-	C	58	chr9:130883968-130887675
## 6663	chr9 130884772	+	T	195	chr9:130883968-130887675
## 6664	chr9 130884772	-	T	58	chr9:130883968-130887675
## 6665	chr9 130884773	+	C	194	chr9:130883968-130887675
## 6666	chr9 130884773	-	C	58	chr9:130883968-130887675
## 6667	chr9 130884774	+	G	194	chr9:130883968-130887675
## 6668	chr9 130884774	-	G	58	chr9:130883968-130887675
## 6669	chr9 130884775	+	G	194	chr9:130883968-130887675
## 6670	chr9 130884775	-	G	58	chr9:130883968-130887675
## 6671	chr9 130884776	+	A	1	chr9:130883968-130887675
## 6672	chr9 130884776	+	G	193	chr9:130883968-130887675
## 6673	chr9 130884776	-	G	58	chr9:130883968-130887675
## 6674	chr9 130884777	+	C	194	chr9:130883968-130887675
## 6675	chr9 130884777	-	C	58	chr9:130883968-130887675

## 6676	chr9 130884778	+	C	194	chr9:130883968-130887675
## 6677	chr9 130884778	-	C	58	chr9:130883968-130887675
## 6678	chr9 130884779	+	T	192	chr9:130883968-130887675
## 6679	chr9 130884779	-	T	58	chr9:130883968-130887675
## 6680	chr9 130884780	+	-	1	chr9:130883968-130887675
## 6681	chr9 130884780	-	-	1	chr9:130883968-130887675
## 6682	chr9 130884780	+	C	190	chr9:130883968-130887675
## 6683	chr9 130884780	-	C	57	chr9:130883968-130887675
## 6684	chr9 130884781	+	C	192	chr9:130883968-130887675
## 6685	chr9 130884781	-	C	58	chr9:130883968-130887675
## 6686	chr9 130884782	+	C	190	chr9:130883968-130887675
## 6687	chr9 130884782	-	C	57	chr9:130883968-130887675
## 6688	chr9 130884782	-	G	1	chr9:130883968-130887675
## 6689	chr9 130884783	+	C	190	chr9:130883968-130887675
## 6690	chr9 130884783	-	C	58	chr9:130883968-130887675
## 6691	chr9 130884784	+	C	190	chr9:130883968-130887675
## 6692	chr9 130884784	-	C	58	chr9:130883968-130887675
## 6693	chr9 130884785	+	A	186	chr9:130883968-130887675
## 6694	chr9 130884785	-	A	58	chr9:130883968-130887675
## 6695	chr9 130884785	+	C	2	chr9:130883968-130887675
## 6696	chr9 130884786	+	C	192	chr9:130883968-130887675
## 6697	chr9 130884786	-	C	58	chr9:130883968-130887675
## 6698	chr9 130884787	+	A	191	chr9:130883968-130887675
## 6699	chr9 130884787	-	A	57	chr9:130883968-130887675
## 6700	chr9 130884788	+	A	191	chr9:130883968-130887675
## 6701	chr9 130884788	-	A	57	chr9:130883968-130887675
## 6702	chr9 130884789	-	A	2	chr9:130883968-130887675
## 6703	chr9 130884789	+	G	191	chr9:130883968-130887675
## 6704	chr9 130884789	-	G	55	chr9:130883968-130887675
## 6705	chr9 130884790	-	A	2	chr9:130883968-130887675
## 6706	chr9 130884790	+	G	194	chr9:130883968-130887675
## 6707	chr9 130884790	-	G	55	chr9:130883968-130887675
## 6708	chr9 130884791	+	A	192	chr9:130883968-130887675
## 6709	chr9 130884791	-	A	57	chr9:130883968-130887675
## 6710	chr9 130884792	+	A	192	chr9:130883968-130887675
## 6711	chr9 130884792	-	A	57	chr9:130883968-130887675
## 6712	chr9 130884793	+	G	192	chr9:130883968-130887675
## 6713	chr9 130884793	-	G	57	chr9:130883968-130887675
## 6714	chr9 130884794	+	A	188	chr9:130883968-130887675
## 6715	chr9 130884794	-	A	57	chr9:130883968-130887675
## 6716	chr9 130884794	+	C	1	chr9:130883968-130887675
## 6717	chr9 130884795	+	A	193	chr9:130883968-130887675
## 6718	chr9 130884795	-	A	57	chr9:130883968-130887675
## 6719	chr9 130884796	+	G	193	chr9:130883968-130887675
## 6720	chr9 130884796	-	G	57	chr9:130883968-130887675
## 6721	chr9 130884797	+	C	192	chr9:130883968-130887675
## 6722	chr9 130884797	-	C	57	chr9:130883968-130887675
## 6723	chr9 130884798	+	T	193	chr9:130883968-130887675
## 6724	chr9 130884798	-	T	57	chr9:130883968-130887675
## 6725	chr9 130884799	+	G	189	chr9:130883968-130887675
## 6726	chr9 130884799	-	G	57	chr9:130883968-130887675
## 6727	chr9 130884800	+	G	188	chr9:130883968-130887675
## 6728	chr9 130884800	-	G	61	chr9:130883968-130887675
## 6729	chr9 130884801	+	A	189	chr9:130883968-130887675

## 6730	chr9 130884801	-	A	61	chr9:130883968-130887675
## 6731	chr9 130884802	+	A	188	chr9:130883968-130887675
## 6732	chr9 130884802	-	A	61	chr9:130883968-130887675
## 6733	chr9 130884803	+	A	187	chr9:130883968-130887675
## 6734	chr9 130884803	-	A	61	chr9:130883968-130887675
## 6735	chr9 130884804	+	G	188	chr9:130883968-130887675
## 6736	chr9 130884804	-	G	61	chr9:130883968-130887675
## 6737	chr9 130884805	+	G	187	chr9:130883968-130887675
## 6738	chr9 130884805	-	G	61	chr9:130883968-130887675
## 6739	chr9 130884806	+	G	184	chr9:130883968-130887675
## 6740	chr9 130884806	-	G	61	chr9:130883968-130887675
## 6741	chr9 130884806	+	T	1	chr9:130883968-130887675
## 6742	chr9 130884807	+	C	184	chr9:130883968-130887675
## 6743	chr9 130884807	-	C	66	chr9:130883968-130887675
## 6744	chr9 130884808	+	A	185	chr9:130883968-130887675
## 6745	chr9 130884808	-	A	63	chr9:130883968-130887675
## 6746	chr9 130884809	+	G	185	chr9:130883968-130887675
## 6747	chr9 130884809	-	G	64	chr9:130883968-130887675
## 6748	chr9 130884810	+	T	180	chr9:130883968-130887675
## 6749	chr9 130884810	-	T	55	chr9:130883968-130887675
## 6750	chr9 130884811	+	G	174	chr9:130883968-130887675
## 6751	chr9 130884811	-	G	70	chr9:130883968-130887675
## 6752	chr9 130884812	+	A	3	chr9:130883968-130887675
## 6753	chr9 130884812	+	C	168	chr9:130883968-130887675
## 6754	chr9 130884812	-	C	66	chr9:130883968-130887675
## 6755	chr9 130884813	+	A	1	chr9:130883968-130887675
## 6756	chr9 130884813	+	C	162	chr9:130883968-130887675
## 6757	chr9 130884813	-	C	71	chr9:130883968-130887675
## 6758	chr9 130884813	+	G	3	chr9:130883968-130887675
## 6759	chr9 130884814	+	T	161	chr9:130883968-130887675
## 6760	chr9 130884814	-	T	77	chr9:130883968-130887675
## 6761	chr9 130884815	+	T	162	chr9:130883968-130887675
## 6762	chr9 130884815	-	T	80	chr9:130883968-130887675
## 6763	chr9 130884816	+	A	160	chr9:130883968-130887675
## 6764	chr9 130884816	-	A	83	chr9:130883968-130887675
## 6765	chr9 130884817	+	G	168	chr9:130883968-130887675
## 6766	chr9 130884817	-	G	77	chr9:130883968-130887675
## 6767	chr9 130884818	+	G	169	chr9:130883968-130887675
## 6768	chr9 130884818	-	G	59	chr9:130883968-130887675
## 6769	chr9 130884818	-	T	1	chr9:130883968-130887675
## 6770	chr9 130884819	+	G	165	chr9:130883968-130887675
## 6771	chr9 130884819	-	G	64	chr9:130883968-130887675
## 6772	chr9 130884820	+	A	165	chr9:130883968-130887675
## 6773	chr9 130884820	-	A	67	chr9:130883968-130887675
## 6774	chr9 130884820	-	T	1	chr9:130883968-130887675
## 6775	chr9 130884821	+	C	164	chr9:130883968-130887675
## 6776	chr9 130884821	-	C	83	chr9:130883968-130887675
## 6777	chr9 130884822	+	C	165	chr9:130883968-130887675
## 6778	chr9 130884822	-	C	84	chr9:130883968-130887675
## 6779	chr9 130884823	+	C	166	chr9:130883968-130887675
## 6780	chr9 130884823	-	C	84	chr9:130883968-130887675
## 6781	chr9 130884824	+	C	165	chr9:130883968-130887675
## 6782	chr9 130884824	-	C	84	chr9:130883968-130887675
## 6783	chr9 130884825	+	T	163	chr9:130883968-130887675

## 6784	chr9 130884825	-	T	86	chr9:130883968-130887675
## 6785	chr9 130884826	+	G	160	chr9:130883968-130887675
## 6786	chr9 130884826	-	G	87	chr9:130883968-130887675
## 6787	chr9 130884827	+	C	163	chr9:130883968-130887675
## 6788	chr9 130884827	-	C	87	chr9:130883968-130887675
## 6789	chr9 130884828	-	G	1	chr9:130883968-130887675
## 6790	chr9 130884828	+	T	163	chr9:130883968-130887675
## 6791	chr9 130884828	-	T	86	chr9:130883968-130887675
## 6792	chr9 130884829	-	A	1	chr9:130883968-130887675
## 6793	chr9 130884829	+	G	163	chr9:130883968-130887675
## 6794	chr9 130884829	-	G	86	chr9:130883968-130887675
## 6795	chr9 130884830	+	C	162	chr9:130883968-130887675
## 6796	chr9 130884830	-	C	88	chr9:130883968-130887675
## 6797	chr9 130884831	+	A	161	chr9:130883968-130887675
## 6798	chr9 130884831	-	A	88	chr9:130883968-130887675
## 6799	chr9 130884832	+	G	163	chr9:130883968-130887675
## 6800	chr9 130884832	-	G	88	chr9:130883968-130887675
## 6801	chr9 130884833	+	C	162	chr9:130883968-130887675
## 6802	chr9 130884833	-	C	88	chr9:130883968-130887675
## 6803	chr9 130884834	+	T	162	chr9:130883968-130887675
## 6804	chr9 130884834	-	T	88	chr9:130883968-130887675
## 6805	chr9 130884835	+	G	163	chr9:130883968-130887675
## 6806	chr9 130884835	-	G	88	chr9:130883968-130887675
## 6807	chr9 130884836	+	A	163	chr9:130883968-130887675
## 6808	chr9 130884836	-	A	88	chr9:130883968-130887675
## 6809	chr9 130884837	+	G	163	chr9:130883968-130887675
## 6810	chr9 130884837	-	G	88	chr9:130883968-130887675
## 6811	chr9 130884838	+	C	163	chr9:130883968-130887675
## 6812	chr9 130884838	-	C	88	chr9:130883968-130887675
## 6813	chr9 130884839	+	C	163	chr9:130883968-130887675
## 6814	chr9 130884839	-	C	88	chr9:130883968-130887675
## 6815	chr9 130884840	+	A	162	chr9:130883968-130887675
## 6816	chr9 130884840	-	A	88	chr9:130883968-130887675
## 6817	chr9 130884840	+	T	1	chr9:130883968-130887675
## 6818	chr9 130884841	+	G	163	chr9:130883968-130887675
## 6819	chr9 130884841	-	G	88	chr9:130883968-130887675
## 6820	chr9 130884842	+	T	163	chr9:130883968-130887675
## 6821	chr9 130884842	-	T	88	chr9:130883968-130887675
## 6822	chr9 130884843	+	G	163	chr9:130883968-130887675
## 6823	chr9 130884843	-	G	88	chr9:130883968-130887675
## 6824	chr9 130884844	+	A	160	chr9:130883968-130887675
## 6825	chr9 130884844	-	A	88	chr9:130883968-130887675
## 6826	chr9 130884844	+	C	2	chr9:130883968-130887675
## 6827	chr9 130884845	+	C	163	chr9:130883968-130887675
## 6828	chr9 130884845	-	C	88	chr9:130883968-130887675
## 6829	chr9 130884846	+	C	162	chr9:130883968-130887675
## 6830	chr9 130884846	-	C	89	chr9:130883968-130887675
## 6831	chr9 130884847	+	C	162	chr9:130883968-130887675
## 6832	chr9 130884847	-	C	89	chr9:130883968-130887675
## 6833	chr9 130884848	+	C	162	chr9:130883968-130887675
## 6834	chr9 130884848	-	C	89	chr9:130883968-130887675
## 6835	chr9 130884849	+	C	162	chr9:130883968-130887675
## 6836	chr9 130884849	-	C	89	chr9:130883968-130887675
## 6837	chr9 130884850	+	A	159	chr9:130883968-130887675

## 6838	chr9 130884850	-	A	89	chr9:130883968-130887675
## 6839	chr9 130884850	+	C	2	chr9:130883968-130887675
## 6840	chr9 130884851	+	C	162	chr9:130883968-130887675
## 6841	chr9 130884851	-	C	89	chr9:130883968-130887675
## 6842	chr9 130884852	+	C	162	chr9:130883968-130887675
## 6843	chr9 130884852	-	C	89	chr9:130883968-130887675
## 6844	chr9 130884853	+	A	161	chr9:130883968-130887675
## 6845	chr9 130884853	-	A	89	chr9:130883968-130887675
## 6846	chr9 130884854	+	G	161	chr9:130883968-130887675
## 6847	chr9 130884854	-	G	89	chr9:130883968-130887675
## 6848	chr9 130884855	+	C	161	chr9:130883968-130887675
## 6849	chr9 130884855	-	C	89	chr9:130883968-130887675
## 6850	chr9 130884856	+	A	159	chr9:130883968-130887675
## 6851	chr9 130884856	-	A	89	chr9:130883968-130887675
## 6852	chr9 130884857	+	A	160	chr9:130883968-130887675
## 6853	chr9 130884857	-	A	90	chr9:130883968-130887675
## 6854	chr9 130884858	+	A	158	chr9:130883968-130887675
## 6855	chr9 130884858	-	A	89	chr9:130883968-130887675
## 6856	chr9 130884858	-	C	1	chr9:130883968-130887675
## 6857	chr9 130884859	+	G	158	chr9:130883968-130887675
## 6858	chr9 130884859	-	G	90	chr9:130883968-130887675
## 6859	chr9 130884860	+	C	158	chr9:130883968-130887675
## 6860	chr9 130884860	-	C	90	chr9:130883968-130887675
## 6861	chr9 130884861	+	A	156	chr9:130883968-130887675
## 6862	chr9 130884861	-	A	90	chr9:130883968-130887675
## 6863	chr9 130884862	+	G	160	chr9:130883968-130887675
## 6864	chr9 130884862	-	G	90	chr9:130883968-130887675
## 6865	chr9 130884863	+	G	158	chr9:130883968-130887675
## 6866	chr9 130884863	-	G	90	chr9:130883968-130887675
## 6867	chr9 130884864	+	C	158	chr9:130883968-130887675
## 6868	chr9 130884864	-	C	90	chr9:130883968-130887675
## 6869	chr9 130884865	+	T	158	chr9:130883968-130887675
## 6870	chr9 130884865	-	T	90	chr9:130883968-130887675
## 6871	chr9 130884866	+	C	160	chr9:130883968-130887675
## 6872	chr9 130884866	-	C	90	chr9:130883968-130887675
## 6873	chr9 130884867	+	A	158	chr9:130883968-130887675
## 6874	chr9 130884867	-	A	90	chr9:130883968-130887675
## 6875	chr9 130884867	+	C	1	chr9:130883968-130887675
## 6876	chr9 130884868	+	G	159	chr9:130883968-130887675
## 6877	chr9 130884868	-	G	90	chr9:130883968-130887675
## 6878	chr9 130884869	+	G	159	chr9:130883968-130887675
## 6879	chr9 130884869	-	G	90	chr9:130883968-130887675
## 6880	chr9 130884870	+	T	157	chr9:130883968-130887675
## 6881	chr9 130884870	-	T	90	chr9:130883968-130887675
## 6882	chr9 130884871	+	G	160	chr9:130883968-130887675
## 6883	chr9 130884871	-	G	90	chr9:130883968-130887675
## 6884	chr9 130884872	+	C	159	chr9:130883968-130887675
## 6885	chr9 130884872	-	C	90	chr9:130883968-130887675
## 6886	chr9 130884873	+	A	158	chr9:130883968-130887675
## 6887	chr9 130884873	-	A	90	chr9:130883968-130887675
## 6888	chr9 130884873	+	C	1	chr9:130883968-130887675
## 6889	chr9 130884874	+	C	159	chr9:130883968-130887675
## 6890	chr9 130884874	-	C	89	chr9:130883968-130887675
## 6891	chr9 130884874	+	T	1	chr9:130883968-130887675

## 6892	chr9 130884875	+	C	161	chr9:130883968-130887675
## 6893	chr9 130884875	-	C	86	chr9:130883968-130887675
## 6894	chr9 130884876	+	A	162	chr9:130883968-130887675
## 6895	chr9 130884876	-	A	86	chr9:130883968-130887675
## 6896	chr9 130884876	+	C	1	chr9:130883968-130887675
## 6897	chr9 130884877	+	G	164	chr9:130883968-130887675
## 6898	chr9 130884877	-	G	86	chr9:130883968-130887675
## 6899	chr9 130884878	+	G	163	chr9:130883968-130887675
## 6900	chr9 130884878	-	G	86	chr9:130883968-130887675
## 6901	chr9 130884879	+	G	162	chr9:130883968-130887675
## 6902	chr9 130884879	-	G	83	chr9:130883968-130887675
## 6903	chr9 130884879	-	T	3	chr9:130883968-130887675
## 6904	chr9 130884880	+	G	163	chr9:130883968-130887675
## 6905	chr9 130884880	-	G	86	chr9:130883968-130887675
## 6906	chr9 130884881	+	G	162	chr9:130883968-130887675
## 6907	chr9 130884881	-	G	86	chr9:130883968-130887675
## 6908	chr9 130884882	+	C	165	chr9:130883968-130887675
## 6909	chr9 130884882	-	C	81	chr9:130883968-130887675
## 6910	chr9 130884883	+	A	164	chr9:130883968-130887675
## 6911	chr9 130884883	-	A	85	chr9:130883968-130887675
## 6912	chr9 130884884	+	C	165	chr9:130883968-130887675
## 6913	chr9 130884884	-	C	84	chr9:130883968-130887675
## 6914	chr9 130884885	+	A	1	chr9:130883968-130887675
## 6915	chr9 130884885	+	C	164	chr9:130883968-130887675
## 6916	chr9 130884885	-	C	77	chr9:130883968-130887675
## 6917	chr9 130884886	+	A	172	chr9:130883968-130887675
## 6918	chr9 130884886	-	A	69	chr9:130883968-130887675
## 6919	chr9 130884887	+	A	1	chr9:130883968-130887675
## 6920	chr9 130884887	+	G	177	chr9:130883968-130887675
## 6921	chr9 130884887	-	G	66	chr9:130883968-130887675
## 6922	chr9 130884888	+	C	176	chr9:130883968-130887675
## 6923	chr9 130884888	-	C	62	chr9:130883968-130887675
## 6924	chr9 130884889	+	A	183	chr9:130883968-130887675
## 6925	chr9 130884889	-	A	58	chr9:130883968-130887675
## 6926	chr9 130884890	+	A	186	chr9:130883968-130887675
## 6927	chr9 130884890	-	A	53	chr9:130883968-130887675
## 6928	chr9 130884891	+	G	192	chr9:130883968-130887675
## 6929	chr9 130884891	-	G	50	chr9:130883968-130887675
## 6930	chr9 130884892	+	G	193	chr9:130883968-130887675
## 6931	chr9 130884892	-	G	50	chr9:130883968-130887675
## 6932	chr9 130884893	-	A	1	chr9:130883968-130887675
## 6933	chr9 130884893	+	G	194	chr9:130883968-130887675
## 6934	chr9 130884893	-	G	49	chr9:130883968-130887675
## 6935	chr9 130884894	+	C	197	chr9:130883968-130887675
## 6936	chr9 130884894	-	C	40	chr9:130883968-130887675
## 6937	chr9 130884895	+	C	197	chr9:130883968-130887675
## 6938	chr9 130884895	-	C	35	chr9:130883968-130887675
## 6939	chr9 130884896	+	C	202	chr9:130883968-130887675
## 6940	chr9 130884896	-	C	26	chr9:130883968-130887675
## 6941	chr9 130884896	+	T	1	chr9:130883968-130887675
## 6942	chr9 130884897	+	C	205	chr9:130883968-130887675
## 6943	chr9 130884897	-	C	31	chr9:130883968-130887675
## 6944	chr9 130884898	+	G	214	chr9:130883968-130887675
## 6945	chr9 130884898	-	G	35	chr9:130883968-130887675

## 6946	chr9 130884899	+	C	215	chr9:130883968-130887675
## 6947	chr9 130884899	-	C	35	chr9:130883968-130887675
## 6948	chr9 130884900	+	C	216	chr9:130883968-130887675
## 6949	chr9 130884900	-	C	33	chr9:130883968-130887675
## 6950	chr9 130884901	+	G	217	chr9:130883968-130887675
## 6951	chr9 130884901	-	G	32	chr9:130883968-130887675
## 6952	chr9 130884902	+	A	215	chr9:130883968-130887675
## 6953	chr9 130884902	-	A	32	chr9:130883968-130887675
## 6954	chr9 130884903	+	G	218	chr9:130883968-130887675
## 6955	chr9 130884903	-	G	32	chr9:130883968-130887675
## 6956	chr9 130884904	+	G	218	chr9:130883968-130887675
## 6957	chr9 130884904	-	G	32	chr9:130883968-130887675
## 6958	chr9 130884905	+	A	219	chr9:130883968-130887675
## 6959	chr9 130884905	-	A	31	chr9:130883968-130887675
## 6960	chr9 130884906	+	G	219	chr9:130883968-130887675
## 6961	chr9 130884906	-	G	31	chr9:130883968-130887675
## 6962	chr9 130884907	+	T	218	chr9:130883968-130887675
## 6963	chr9 130884907	-	T	31	chr9:130883968-130887675
## 6964	chr9 130884908	+	C	219	chr9:130883968-130887675
## 6965	chr9 130884908	-	C	31	chr9:130883968-130887675
## 6966	chr9 130884909	+	C	219	chr9:130883968-130887675
## 6967	chr9 130884909	-	C	31	chr9:130883968-130887675
## 6968	chr9 130884910	+	A	219	chr9:130883968-130887675
## 6969	chr9 130884910	-	A	31	chr9:130883968-130887675
## 6970	chr9 130884911	+	G	219	chr9:130883968-130887675
## 6971	chr9 130884911	-	G	31	chr9:130883968-130887675
## 6972	chr9 130884912	+	A	219	chr9:130883968-130887675
## 6973	chr9 130884912	-	A	31	chr9:130883968-130887675
## 6974	chr9 130884913	+	G	219	chr9:130883968-130887675
## 6975	chr9 130884913	-	G	31	chr9:130883968-130887675
## 6976	chr9 130884914	+	T	219	chr9:130883968-130887675
## 6977	chr9 130884914	-	T	31	chr9:130883968-130887675
## 6978	chr9 130884915	+	G	219	chr9:130883968-130887675
## 6979	chr9 130884915	-	G	31	chr9:130883968-130887675
## 6980	chr9 130884916	+	A	219	chr9:130883968-130887675
## 6981	chr9 130884916	-	A	31	chr9:130883968-130887675
## 6982	chr9 130884917	+	G	218	chr9:130883968-130887675
## 6983	chr9 130884917	-	G	31	chr9:130883968-130887675
## 6984	chr9 130884918	+	G	220	chr9:130883968-130887675
## 6985	chr9 130884918	-	G	31	chr9:130883968-130887675
## 6986	chr9 130884919	+	A	220	chr9:130883968-130887675
## 6987	chr9 130884919	-	A	31	chr9:130883968-130887675
## 6988	chr9 130884920	+	G	220	chr9:130883968-130887675
## 6989	chr9 130884920	-	G	31	chr9:130883968-130887675
## 6990	chr9 130884921	+	G	221	chr9:130883968-130887675
## 6991	chr9 130884921	-	G	30	chr9:130883968-130887675
## 6992	chr9 130884922	+	A	1	chr9:130883968-130887675
## 6993	chr9 130884922	+	C	219	chr9:130883968-130887675
## 6994	chr9 130884922	-	C	30	chr9:130883968-130887675
## 6995	chr9 130884922	+	G	1	chr9:130883968-130887675
## 6996	chr9 130884923	+	A	221	chr9:130883968-130887675
## 6997	chr9 130884923	-	A	30	chr9:130883968-130887675
## 6998	chr9 130884924	+	C	221	chr9:130883968-130887675
## 6999	chr9 130884924	-	C	30	chr9:130883968-130887675

## 7000	chr9 130884925	+	A	220	chr9:130883968-130887675
## 7001	chr9 130884925	-	A	30	chr9:130883968-130887675
## 7002	chr9 130884926	+	A	220	chr9:130883968-130887675
## 7003	chr9 130884926	-	A	30	chr9:130883968-130887675
## 7004	chr9 130884927	+	G	220	chr9:130883968-130887675
## 7005	chr9 130884927	-	G	30	chr9:130883968-130887675
## 7006	chr9 130884928	+	C	220	chr9:130883968-130887675
## 7007	chr9 130884928	-	C	30	chr9:130883968-130887675
## 7008	chr9 130884929	+	A	219	chr9:130883968-130887675
## 7009	chr9 130884929	-	A	30	chr9:130883968-130887675
## 7010	chr9 130884930	+	C	221	chr9:130883968-130887675
## 7011	chr9 130884930	-	C	30	chr9:130883968-130887675
## 7012	chr9 130884931	+	T	221	chr9:130883968-130887675
## 7013	chr9 130884931	-	T	30	chr9:130883968-130887675
## 7014	chr9 130884932	+	C	220	chr9:130883968-130887675
## 7015	chr9 130884932	-	C	29	chr9:130883968-130887675
## 7016	chr9 130884933	+	C	221	chr9:130883968-130887675
## 7017	chr9 130884933	-	C	29	chr9:130883968-130887675
## 7018	chr9 130884934	+	A	1	chr9:130883968-130887675
## 7019	chr9 130884934	+	T	218	chr9:130883968-130887675
## 7020	chr9 130884934	-	T	29	chr9:130883968-130887675
## 7021	chr9 130884935	+	C	219	chr9:130883968-130887675
## 7022	chr9 130884935	-	C	29	chr9:130883968-130887675
## 7023	chr9 130884936	+	T	219	chr9:130883968-130887675
## 7024	chr9 130884936	-	T	29	chr9:130883968-130887675
## 7025	chr9 130884937	+	G	217	chr9:130883968-130887675
## 7026	chr9 130884937	-	G	29	chr9:130883968-130887675
## 7027	chr9 130884938	+	A	221	chr9:130883968-130887675
## 7028	chr9 130884938	-	A	29	chr9:130883968-130887675
## 7029	chr9 130884939	+	G	219	chr9:130883968-130887675
## 7030	chr9 130884939	-	G	29	chr9:130883968-130887675
## 7031	chr9 130884940	+	T	218	chr9:130883968-130887675
## 7032	chr9 130884940	-	T	30	chr9:130883968-130887675
## 7033	chr9 130884941	+	C	218	chr9:130883968-130887675
## 7034	chr9 130884941	-	C	30	chr9:130883968-130887675
## 7035	chr9 130884942	+	G	220	chr9:130883968-130887675
## 7036	chr9 130884942	-	G	30	chr9:130883968-130887675
## 7037	chr9 130884943	+	C	219	chr9:130883968-130887675
## 7038	chr9 130884943	-	C	30	chr9:130883968-130887675
## 7039	chr9 130884944	+	C	219	chr9:130883968-130887675
## 7040	chr9 130884944	-	C	30	chr9:130883968-130887675
## 7041	chr9 130884945	+	A	219	chr9:130883968-130887675
## 7042	chr9 130884945	-	A	30	chr9:130883968-130887675
## 7043	chr9 130884946	+	G	217	chr9:130883968-130887675
## 7044	chr9 130884946	-	G	30	chr9:130883968-130887675
## 7045	chr9 130884947	+	G	220	chr9:130883968-130887675
## 7046	chr9 130884947	-	G	30	chr9:130883968-130887675
## 7047	chr9 130884948	+	G	219	chr9:130883968-130887675
## 7048	chr9 130884948	-	G	30	chr9:130883968-130887675
## 7049	chr9 130884949	+	A	219	chr9:130883968-130887675
## 7050	chr9 130884949	-	A	30	chr9:130883968-130887675
## 7051	chr9 130884950	+	G	219	chr9:130883968-130887675
## 7052	chr9 130884950	-	G	30	chr9:130883968-130887675
## 7053	chr9 130884951	+	G	217	chr9:130883968-130887675

## 7054	chr9 130884951	-	G	30	chr9:130883968-130887675
## 7055	chr9 130884952	+	G	219	chr9:130883968-130887675
## 7056	chr9 130884952	-	G	30	chr9:130883968-130887675
## 7057	chr9 130884953	+	A	217	chr9:130883968-130887675
## 7058	chr9 130884953	-	A	31	chr9:130883968-130887675
## 7059	chr9 130884953	+	C	1	chr9:130883968-130887675
## 7060	chr9 130884953	+	T	1	chr9:130883968-130887675
## 7061	chr9 130884954	+	C	218	chr9:130883968-130887675
## 7062	chr9 130884954	-	C	31	chr9:130883968-130887675
## 7063	chr9 130884955	+	A	216	chr9:130883968-130887675
## 7064	chr9 130884955	-	A	31	chr9:130883968-130887675
## 7065	chr9 130884955	+	G	1	chr9:130883968-130887675
## 7066	chr9 130884956	+	A	218	chr9:130883968-130887675
## 7067	chr9 130884956	-	A	31	chr9:130883968-130887675
## 7068	chr9 130884957	+	G	216	chr9:130883968-130887675
## 7069	chr9 130884957	-	G	31	chr9:130883968-130887675
## 7070	chr9 130884958	+	G	214	chr9:130883968-130887675
## 7071	chr9 130884958	-	G	27	chr9:130883968-130887675
## 7072	chr9 130884958	+	T	5	chr9:130883968-130887675
## 7073	chr9 130884959	+	G	223	chr9:130883968-130887675
## 7074	chr9 130884959	-	G	27	chr9:130883968-130887675
## 7075	chr9 130884960	+	G	221	chr9:130883968-130887675
## 7076	chr9 130884960	-	G	28	chr9:130883968-130887675
## 7077	chr9 130884961	+	A	212	chr9:130883968-130887675
## 7078	chr9 130884961	-	A	28	chr9:130883968-130887675
## 7079	chr9 130884962	+	A	214	chr9:130883968-130887675
## 7080	chr9 130884962	-	A	29	chr9:130883968-130887675
## 7081	chr9 130884963	+	A	211	chr9:130883968-130887675
## 7082	chr9 130884963	-	A	32	chr9:130883968-130887675
## 7083	chr9 130884964	+	T	207	chr9:130883968-130887675
## 7084	chr9 130884964	-	T	32	chr9:130883968-130887675
## 7085	chr9 130884965	+	T	198	chr9:130883968-130887675
## 7086	chr9 130884965	-	T	43	chr9:130883968-130887675
## 7087	chr9 130884966	+	G	191	chr9:130883968-130887675
## 7088	chr9 130884966	-	G	49	chr9:130883968-130887675
## 7089	chr9 130884967	+	T	193	chr9:130883968-130887675
## 7090	chr9 130884967	-	T	49	chr9:130883968-130887675
## 7091	chr9 130884968	+	C	194	chr9:130883968-130887675
## 7092	chr9 130884968	-	C	47	chr9:130883968-130887675
## 7093	chr9 130884969	+	A	1	chr9:130883968-130887675
## 7094	chr9 130884969	+	C	192	chr9:130883968-130887675
## 7095	chr9 130884969	-	C	49	chr9:130883968-130887675
## 7096	chr9 130884970	+	A	194	chr9:130883968-130887675
## 7097	chr9 130884970	-	A	43	chr9:130883968-130887675
## 7098	chr9 130884970	+	G	1	chr9:130883968-130887675
## 7099	chr9 130884971	+	G	192	chr9:130883968-130887675
## 7100	chr9 130884971	-	G	45	chr9:130883968-130887675
## 7101	chr9 130884972	+	G	187	chr9:130883968-130887675
## 7102	chr9 130884972	-	G	46	chr9:130883968-130887675
## 7103	chr9 130884973	+	C	190	chr9:130883968-130887675
## 7104	chr9 130884973	-	C	47	chr9:130883968-130887675
## 7105	chr9 130884974	+	A	1	chr9:130883968-130887675
## 7106	chr9 130884974	+	T	194	chr9:130883968-130887675
## 7107	chr9 130884974	-	T	51	chr9:130883968-130887675

## 7108	chr9 130884975	+	C	199	chr9:130883968-130887675
## 7109	chr9 130884975	-	C	51	chr9:130883968-130887675
## 7110	chr9 130884976	+	A	198	chr9:130883968-130887675
## 7111	chr9 130884976	-	A	51	chr9:130883968-130887675
## 7112	chr9 130884977	+	A	198	chr9:130883968-130887675
## 7113	chr9 130884977	-	A	51	chr9:130883968-130887675
## 7114	chr9 130884978	+	A	196	chr9:130883968-130887675
## 7115	chr9 130884978	-	A	51	chr9:130883968-130887675
## 7116	chr9 130884979	+	C	199	chr9:130883968-130887675
## 7117	chr9 130884979	-	C	51	chr9:130883968-130887675
## 7118	chr9 130884980	+	C	199	chr9:130883968-130887675
## 7119	chr9 130884980	-	C	51	chr9:130883968-130887675
## 7120	chr9 130884981	+	T	199	chr9:130883968-130887675
## 7121	chr9 130884981	-	T	51	chr9:130883968-130887675
## 7122	chr9 130884982	+	G	199	chr9:130883968-130887675
## 7123	chr9 130884982	-	G	51	chr9:130883968-130887675
## 7124	chr9 130884983	+	C	197	chr9:130883968-130887675
## 7125	chr9 130884983	-	C	51	chr9:130883968-130887675
## 7126	chr9 130884984	+	C	198	chr9:130883968-130887675
## 7127	chr9 130884984	-	C	51	chr9:130883968-130887675
## 7128	chr9 130884984	+	T	1	chr9:130883968-130887675
## 7129	chr9 130884985	+	C	199	chr9:130883968-130887675
## 7130	chr9 130884985	-	C	51	chr9:130883968-130887675
## 7131	chr9 130884986	+	C	199	chr9:130883968-130887675
## 7132	chr9 130884986	-	C	51	chr9:130883968-130887675
## 7133	chr9 130884987	+	G	199	chr9:130883968-130887675
## 7134	chr9 130884987	-	G	51	chr9:130883968-130887675
## 7135	chr9 130884988	+	C	199	chr9:130883968-130887675
## 7136	chr9 130884988	-	C	51	chr9:130883968-130887675
## 7137	chr9 130884989	+	C	199	chr9:130883968-130887675
## 7138	chr9 130884989	-	C	51	chr9:130883968-130887675
## 7139	chr9 130884990	+	G	199	chr9:130883968-130887675
## 7140	chr9 130884990	-	G	51	chr9:130883968-130887675
## 7141	chr9 130884991	+	C	199	chr9:130883968-130887675
## 7142	chr9 130884991	-	C	51	chr9:130883968-130887675
## 7143	chr9 130884992	+	C	197	chr9:130883968-130887675
## 7144	chr9 130884992	-	C	51	chr9:130883968-130887675
## 7145	chr9 130884992	+	T	2	chr9:130883968-130887675
## 7146	chr9 130884993	+	C	198	chr9:130883968-130887675
## 7147	chr9 130884993	-	C	51	chr9:130883968-130887675
## 7148	chr9 130884994	+	C	199	chr9:130883968-130887675
## 7149	chr9 130884994	-	C	51	chr9:130883968-130887675
## 7150	chr9 130884995	+	C	199	chr9:130883968-130887675
## 7151	chr9 130884995	-	C	51	chr9:130883968-130887675
## 7152	chr9 130884996	+	A	197	chr9:130883968-130887675
## 7153	chr9 130884996	-	A	51	chr9:130883968-130887675
## 7154	chr9 130884996	+	C	2	chr9:130883968-130887675
## 7155	chr9 130884997	+	C	198	chr9:130883968-130887675
## 7156	chr9 130884997	-	C	50	chr9:130883968-130887675
## 7157	chr9 130884997	+	T	1	chr9:130883968-130887675
## 7158	chr9 130884997	-	T	1	chr9:130883968-130887675
## 7159	chr9 130884998	+	C	199	chr9:130883968-130887675
## 7160	chr9 130884998	-	C	51	chr9:130883968-130887675
## 7161	chr9 130884999	+	A	199	chr9:130883968-130887675

## 7162	chr9 130884999	-	A	50	chr9:130883968-130887675
## 7163	chr9 130884999	-	C	1	chr9:130883968-130887675
## 7164	chr9 130885000	+	G	199	chr9:130883968-130887675
## 7165	chr9 130885000	-	G	51	chr9:130883968-130887675
## 7166	chr9 130885001	+	C	199	chr9:130883968-130887675
## 7167	chr9 130885001	-	C	51	chr9:130883968-130887675
## 7168	chr9 130885002	+	A	199	chr9:130883968-130887675
## 7169	chr9 130885002	-	A	51	chr9:130883968-130887675
## 7170	chr9 130885003	+	G	199	chr9:130883968-130887675
## 7171	chr9 130885003	-	G	51	chr9:130883968-130887675
## 7172	chr9 130885004	+	C	199	chr9:130883968-130887675
## 7173	chr9 130885004	-	C	51	chr9:130883968-130887675
## 7174	chr9 130885005	+	C	198	chr9:130883968-130887675
## 7175	chr9 130885005	-	C	51	chr9:130883968-130887675
## 7176	chr9 130885006	+	T	199	chr9:130883968-130887675
## 7177	chr9 130885006	-	T	51	chr9:130883968-130887675
## 7178	chr9 130885007	+	C	200	chr9:130883968-130887675
## 7179	chr9 130885007	-	C	51	chr9:130883968-130887675
## 7180	chr9 130885008	+	T	199	chr9:130883968-130887675
## 7181	chr9 130885008	-	T	51	chr9:130883968-130887675
## 7182	chr9 130885009	+	G	199	chr9:130883968-130887675
## 7183	chr9 130885009	-	G	51	chr9:130883968-130887675
## 7184	chr9 130885010	+	C	197	chr9:130883968-130887675
## 7185	chr9 130885010	-	C	51	chr9:130883968-130887675
## 7186	chr9 130885011	+	A	197	chr9:130883968-130887675
## 7187	chr9 130885011	-	A	51	chr9:130883968-130887675
## 7188	chr9 130885012	+	G	196	chr9:130883968-130887675
## 7189	chr9 130885012	-	G	51	chr9:130883968-130887675
## 7190	chr9 130885013	+	G	194	chr9:130883968-130887675
## 7191	chr9 130885013	-	G	51	chr9:130883968-130887675
## 7192	chr9 130885014	+	G	199	chr9:130883968-130887675
## 7193	chr9 130885014	-	G	52	chr9:130883968-130887675
## 7194	chr9 130885015	+	A	198	chr9:130883968-130887675
## 7195	chr9 130885015	-	A	51	chr9:130883968-130887675
## 7196	chr9 130885016	+	A	195	chr9:130883968-130887675
## 7197	chr9 130885016	-	A	51	chr9:130883968-130887675
## 7198	chr9 130885017	+	G	199	chr9:130883968-130887675
## 7199	chr9 130885017	-	G	51	chr9:130883968-130887675
## 7200	chr9 130885018	+	C	1	chr9:130883968-130887675
## 7201	chr9 130885018	+	G	198	chr9:130883968-130887675
## 7202	chr9 130885018	-	G	51	chr9:130883968-130887675
## 7203	chr9 130885019	+	C	197	chr9:130883968-130887675
## 7204	chr9 130885019	-	C	51	chr9:130883968-130887675
## 7205	chr9 130885020	+	T	198	chr9:130883968-130887675
## 7206	chr9 130885020	-	T	51	chr9:130883968-130887675
## 7207	chr9 130885021	+	G	195	chr9:130883968-130887675
## 7208	chr9 130885021	-	G	51	chr9:130883968-130887675
## 7209	chr9 130885021	+	T	3	chr9:130883968-130887675
## 7210	chr9 130885022	+	G	196	chr9:130883968-130887675
## 7211	chr9 130885022	-	G	51	chr9:130883968-130887675
## 7212	chr9 130885023	+	A	198	chr9:130883968-130887675
## 7213	chr9 130885023	-	A	51	chr9:130883968-130887675
## 7214	chr9 130885023	+	G	1	chr9:130883968-130887675
## 7215	chr9 130885024	+	G	198	chr9:130883968-130887675

## 7216	chr9 130885024	-	G	51	chr9:130883968-130887675
## 7217	chr9 130885025	+	A	1	chr9:130883968-130887675
## 7218	chr9 130885025	+	G	197	chr9:130883968-130887675
## 7219	chr9 130885025	-	G	51	chr9:130883968-130887675
## 7220	chr9 130885026	+	A	196	chr9:130883968-130887675
## 7221	chr9 130885026	-	A	51	chr9:130883968-130887675
## 7222	chr9 130885027	+	A	196	chr9:130883968-130887675
## 7223	chr9 130885027	-	A	51	chr9:130883968-130887675
## 7224	chr9 130885028	+	A	197	chr9:130883968-130887675
## 7225	chr9 130885028	-	A	50	chr9:130883968-130887675
## 7226	chr9 130885028	+	C	1	chr9:130883968-130887675
## 7227	chr9 130885029	+	G	201	chr9:130883968-130887675
## 7228	chr9 130885029	-	G	50	chr9:130883968-130887675
## 7229	chr9 130885030	+	C	200	chr9:130883968-130887675
## 7230	chr9 130885030	-	C	50	chr9:130883968-130887675
## 7231	chr9 130885031	+	C	198	chr9:130883968-130887675
## 7232	chr9 130885031	-	C	50	chr9:130883968-130887675
## 7233	chr9 130885032	+	C	199	chr9:130883968-130887675
## 7234	chr9 130885032	-	C	50	chr9:130883968-130887675
## 7235	chr9 130885033	+	T	196	chr9:130883968-130887675
## 7236	chr9 130885033	-	T	50	chr9:130883968-130887675
## 7237	chr9 130885034	+	C	197	chr9:130883968-130887675
## 7238	chr9 130885034	-	C	49	chr9:130883968-130887675
## 7239	chr9 130885035	+	G	202	chr9:130883968-130887675
## 7240	chr9 130885035	-	G	49	chr9:130883968-130887675
## 7241	chr9 130885036	+	C	201	chr9:130883968-130887675
## 7242	chr9 130885036	-	C	49	chr9:130883968-130887675
## 7243	chr9 130885037	+	A	191	chr9:130883968-130887675
## 7244	chr9 130885037	-	A	48	chr9:130883968-130887675
## 7245	chr9 130885038	+	G	199	chr9:130883968-130887675
## 7246	chr9 130885038	-	G	45	chr9:130883968-130887675
## 7247	chr9 130885039	+	A	200	chr9:130883968-130887675
## 7248	chr9 130885039	-	A	43	chr9:130883968-130887675
## 7249	chr9 130885040	+	G	207	chr9:130883968-130887675
## 7250	chr9 130885040	-	G	32	chr9:130883968-130887675
## 7251	chr9 130885041	+	C	215	chr9:130883968-130887675
## 7252	chr9 130885041	-	C	26	chr9:130883968-130887675
## 7253	chr9 130885041	+	G	1	chr9:130883968-130887675
## 7254	chr9 130885042	+	C	206	chr9:130883968-130887675
## 7255	chr9 130885042	-	C	34	chr9:130883968-130887675
## 7256	chr9 130885043	+	C	204	chr9:130883968-130887675
## 7257	chr9 130885043	-	C	38	chr9:130883968-130887675
## 7258	chr9 130885044	+	G	209	chr9:130883968-130887675
## 7259	chr9 130885044	-	G	36	chr9:130883968-130887675
## 7260	chr9 130885045	+	A	201	chr9:130883968-130887675
## 7261	chr9 130885045	-	A	36	chr9:130883968-130887675
## 7262	chr9 130885045	+	C	1	chr9:130883968-130887675
## 7263	chr9 130885046	+	G	214	chr9:130883968-130887675
## 7264	chr9 130885046	-	G	28	chr9:130883968-130887675
## 7265	chr9 130885047	+	C	221	chr9:130883968-130887675
## 7266	chr9 130885047	-	C	21	chr9:130883968-130887675
## 7267	chr9 130885047	+	T	2	chr9:130883968-130887675
## 7268	chr9 130885048	+	C	216	chr9:130883968-130887675
## 7269	chr9 130885048	-	C	17	chr9:130883968-130887675

## 7270	chr9 130885049	+	A	223	chr9:130883968-130887675
## 7271	chr9 130885049	-	A	16	chr9:130883968-130887675
## 7272	chr9 130885049	+	C	1	chr9:130883968-130887675
## 7273	chr9 130885050	+	G	231	chr9:130883968-130887675
## 7274	chr9 130885050	-	G	16	chr9:130883968-130887675
## 7275	chr9 130885051	+	G	233	chr9:130883968-130887675
## 7276	chr9 130885051	-	G	16	chr9:130883968-130887675
## 7277	chr9 130885051	+	T	1	chr9:130883968-130887675
## 7278	chr9 130885052	+	A	233	chr9:130883968-130887675
## 7279	chr9 130885052	-	A	16	chr9:130883968-130887675
## 7280	chr9 130885053	+	G	233	chr9:130883968-130887675
## 7281	chr9 130885053	-	G	16	chr9:130883968-130887675
## 7282	chr9 130885054	+	G	231	chr9:130883968-130887675
## 7283	chr9 130885054	-	G	16	chr9:130883968-130887675
## 7284	chr9 130885055	+	C	233	chr9:130883968-130887675
## 7285	chr9 130885055	-	C	16	chr9:130883968-130887675
## 7286	chr9 130885055	+	T	1	chr9:130883968-130887675
## 7287	chr9 130885056	+	G	234	chr9:130883968-130887675
## 7288	chr9 130885056	-	G	16	chr9:130883968-130887675
## 7289	chr9 130885057	+	G	234	chr9:130883968-130887675
## 7290	chr9 130885057	-	G	16	chr9:130883968-130887675
## 7291	chr9 130885058	+	C	234	chr9:130883968-130887675
## 7292	chr9 130885058	-	C	16	chr9:130883968-130887675
## 7293	chr9 130885059	+	C	233	chr9:130883968-130887675
## 7294	chr9 130885059	-	C	16	chr9:130883968-130887675
## 7295	chr9 130885060	+	G	234	chr9:130883968-130887675
## 7296	chr9 130885060	-	G	16	chr9:130883968-130887675
## 7297	chr9 130885061	+	G	234	chr9:130883968-130887675
## 7298	chr9 130885061	-	G	16	chr9:130883968-130887675
## 7299	chr9 130885062	+	G	234	chr9:130883968-130887675
## 7300	chr9 130885062	-	G	16	chr9:130883968-130887675
## 7301	chr9 130885063	+	G	234	chr9:130883968-130887675
## 7302	chr9 130885063	-	G	16	chr9:130883968-130887675
## 7303	chr9 130885064	+	A	234	chr9:130883968-130887675
## 7304	chr9 130885064	-	A	16	chr9:130883968-130887675
## 7305	chr9 130885065	+	G	234	chr9:130883968-130887675
## 7306	chr9 130885065	-	G	16	chr9:130883968-130887675
## 7307	chr9 130885066	+	A	1	chr9:130883968-130887675
## 7308	chr9 130885066	+	G	233	chr9:130883968-130887675
## 7309	chr9 130885066	-	G	16	chr9:130883968-130887675
## 7310	chr9 130885067	+	C	234	chr9:130883968-130887675
## 7311	chr9 130885067	-	C	16	chr9:130883968-130887675
## 7312	chr9 130885068	+	A	234	chr9:130883968-130887675
## 7313	chr9 130885068	-	A	16	chr9:130883968-130887675
## 7314	chr9 130885069	+	G	232	chr9:130883968-130887675
## 7315	chr9 130885069	-	G	16	chr9:130883968-130887675
## 7316	chr9 130885070	+	C	1	chr9:130883968-130887675
## 7317	chr9 130885070	+	T	234	chr9:130883968-130887675
## 7318	chr9 130885070	-	T	16	chr9:130883968-130887675
## 7319	chr9 130885071	+	C	235	chr9:130883968-130887675
## 7320	chr9 130885071	-	C	16	chr9:130883968-130887675
## 7321	chr9 130885072	+	C	235	chr9:130883968-130887675
## 7322	chr9 130885072	-	C	16	chr9:130883968-130887675
## 7323	chr9 130885073	+	T	235	chr9:130883968-130887675

## 7324	chr9 130885073	-	T	16	chr9:130883968-130887675
## 7325	chr9 130885074	+	G	234	chr9:130883968-130887675
## 7326	chr9 130885074	-	G	16	chr9:130883968-130887675
## 7327	chr9 130885074	+	T	1	chr9:130883968-130887675
## 7328	chr9 130885075	+	A	1	chr9:130883968-130887675
## 7329	chr9 130885075	+	G	234	chr9:130883968-130887675
## 7330	chr9 130885075	-	G	15	chr9:130883968-130887675
## 7331	chr9 130885075	-	T	1	chr9:130883968-130887675
## 7332	chr9 130885076	+	G	235	chr9:130883968-130887675
## 7333	chr9 130885076	-	G	16	chr9:130883968-130887675
## 7334	chr9 130885077	+	C	234	chr9:130883968-130887675
## 7335	chr9 130885077	-	C	16	chr9:130883968-130887675
## 7336	chr9 130885077	+	T	1	chr9:130883968-130887675
## 7337	chr9 130885078	+	G	235	chr9:130883968-130887675
## 7338	chr9 130885078	-	G	16	chr9:130883968-130887675
## 7339	chr9 130885079	+	C	235	chr9:130883968-130887675
## 7340	chr9 130885079	-	C	16	chr9:130883968-130887675
## 7341	chr9 130885080	+	A	233	chr9:130883968-130887675
## 7342	chr9 130885080	-	A	16	chr9:130883968-130887675
## 7343	chr9 130885081	+	A	233	chr9:130883968-130887675
## 7344	chr9 130885081	-	A	16	chr9:130883968-130887675
## 7345	chr9 130885082	+	A	234	chr9:130883968-130887675
## 7346	chr9 130885082	-	A	16	chr9:130883968-130887675
## 7347	chr9 130885083	+	G	234	chr9:130883968-130887675
## 7348	chr9 130885083	-	G	16	chr9:130883968-130887675
## 7349	chr9 130885084	+	A	234	chr9:130883968-130887675
## 7350	chr9 130885084	-	A	16	chr9:130883968-130887675
## 7351	chr9 130885085	+	C	233	chr9:130883968-130887675
## 7352	chr9 130885085	-	C	16	chr9:130883968-130887675
## 7353	chr9 130885085	+	G	1	chr9:130883968-130887675
## 7354	chr9 130885086	+	A	232	chr9:130883968-130887675
## 7355	chr9 130885086	-	A	16	chr9:130883968-130887675
## 7356	chr9 130885087	+	A	232	chr9:130883968-130887675
## 7357	chr9 130885087	-	A	16	chr9:130883968-130887675
## 7358	chr9 130885088	+	A	229	chr9:130883968-130887675
## 7359	chr9 130885088	-	A	16	chr9:130883968-130887675
## 7360	chr9 130885088	+	C	1	chr9:130883968-130887675
## 7361	chr9 130885089	+	A	231	chr9:130883968-130887675
## 7362	chr9 130885089	-	A	15	chr9:130883968-130887675
## 7363	chr9 130885090	+	G	235	chr9:130883968-130887675
## 7364	chr9 130885090	-	G	15	chr9:130883968-130887675
## 7365	chr9 130885091	+	C	234	chr9:130883968-130887675
## 7366	chr9 130885091	-	C	15	chr9:130883968-130887675
## 7367	chr9 130885092	+	C	230	chr9:130883968-130887675
## 7368	chr9 130885092	-	C	15	chr9:130883968-130887675
## 7369	chr9 130885093	+	A	235	chr9:130883968-130887675
## 7370	chr9 130885093	-	A	15	chr9:130883968-130887675
## 7371	chr9 130885094	+	C	235	chr9:130883968-130887675
## 7372	chr9 130885094	-	C	15	chr9:130883968-130887675
## 7373	chr9 130885095	+	G	233	chr9:130883968-130887675
## 7374	chr9 130885095	-	G	15	chr9:130883968-130887675
## 7375	chr9 130885096	+	A	233	chr9:130883968-130887675
## 7376	chr9 130885096	-	A	15	chr9:130883968-130887675
## 7377	chr9 130885097	+	G	235	chr9:130883968-130887675

## 7378	chr9 130885097	-	G	15	chr9:130883968-130887675
## 7379	chr9 130885098	+	T	232	chr9:130883968-130887675
## 7380	chr9 130885098	-	T	15	chr9:130883968-130887675
## 7381	chr9 130885099	+	C	235	chr9:130883968-130887675
## 7382	chr9 130885099	-	C	15	chr9:130883968-130887675
## 7383	chr9 130885100	+	T	234	chr9:130883968-130887675
## 7384	chr9 130885100	-	T	15	chr9:130883968-130887675
## 7385	chr9 130885101	+	G	234	chr9:130883968-130887675
## 7386	chr9 130885101	-	G	15	chr9:130883968-130887675
## 7387	chr9 130885102	+	G	231	chr9:130883968-130887675
## 7388	chr9 130885102	-	G	15	chr9:130883968-130887675
## 7389	chr9 130885103	+	T	232	chr9:130883968-130887675
## 7390	chr9 130885103	-	T	15	chr9:130883968-130887675
## 7391	chr9 130885104	+	T	233	chr9:130883968-130887675
## 7392	chr9 130885104	-	T	15	chr9:130883968-130887675
## 7393	chr9 130885105	+	G	235	chr9:130883968-130887675
## 7394	chr9 130885105	-	G	15	chr9:130883968-130887675
## 7395	chr9 130885106	+	A	235	chr9:130883968-130887675
## 7396	chr9 130885106	-	A	15	chr9:130883968-130887675
## 7397	chr9 130885107	+	T	233	chr9:130883968-130887675
## 7398	chr9 130885107	-	T	15	chr9:130883968-130887675
## 7399	chr9 130885108	+	G	234	chr9:130883968-130887675
## 7400	chr9 130885108	-	G	15	chr9:130883968-130887675
## 7401	chr9 130885109	+	C	232	chr9:130883968-130887675
## 7402	chr9 130885109	-	C	15	chr9:130883968-130887675
## 7403	chr9 130885110	+	T	231	chr9:130883968-130887675
## 7404	chr9 130885110	-	T	15	chr9:130883968-130887675
## 7405	chr9 130885111	+	G	235	chr9:130883968-130887675
## 7406	chr9 130885111	-	G	15	chr9:130883968-130887675
## 7407	chr9 130885112	+	T	235	chr9:130883968-130887675
## 7408	chr9 130885112	-	T	15	chr9:130883968-130887675
## 7409	chr9 130885113	+	-	1	chr9:130883968-130887675
## 7410	chr9 130885113	+	G	223	chr9:130883968-130887675
## 7411	chr9 130885113	-	G	15	chr9:130883968-130887675
## 7412	chr9 130885114	+	-	1	chr9:130883968-130887675
## 7413	chr9 130885114	+	A	228	chr9:130883968-130887675
## 7414	chr9 130885114	-	A	15	chr9:130883968-130887675
## 7415	chr9 130885115	+	A	227	chr9:130883968-130887675
## 7416	chr9 130885115	-	A	15	chr9:130883968-130887675
## 7417	chr9 130885115	+	T	1	chr9:130883968-130887675
## 7418	chr9 130885116	+	C	224	chr9:130883968-130887675
## 7419	chr9 130885116	-	C	14	chr9:130883968-130887675
## 7420	chr9 130885117	+	A	236	chr9:130883968-130887675
## 7421	chr9 130885117	-	A	7	chr9:130883968-130887675
## 7422	chr9 130885118	+	G	236	chr9:130883968-130887675
## 7423	chr9 130885118	-	G	3	chr9:130883968-130887675
## 7424	chr9 130885118	+	T	1	chr9:130883968-130887675
## 7425	chr9 130885119	+	T	239	chr9:130883968-130887675
## 7426	chr9 130885119	-	T	3	chr9:130883968-130887675
## 7427	chr9 130885120	+	G	242	chr9:130883968-130887675
## 7428	chr9 130885120	-	G	3	chr9:130883968-130887675
## 7429	chr9 130885121	+	A	234	chr9:130883968-130887675
## 7430	chr9 130885121	-	A	3	chr9:130883968-130887675
## 7431	chr9 130885122	+	C	243	chr9:130883968-130887675

## 7432	chr9 130885122	-	C	3	chr9:130883968-130887675
## 7433	chr9 130885123	+	G	241	chr9:130883968-130887675
## 7434	chr9 130885123	-	G	3	chr9:130883968-130887675
## 7435	chr9 130885124	+	C	233	chr9:130883968-130887675
## 7436	chr9 130885125	+	T	238	chr9:130883968-130887675
## 7437	chr9 130885125	-	T	2	chr9:130883968-130887675
## 7438	chr9 130885126	+	G	238	chr9:130883968-130887675
## 7439	chr9 130885126	-	G	9	chr9:130883968-130887675
## 7440	chr9 130885127	+	C	241	chr9:130883968-130887675
## 7441	chr9 130885127	-	C	9	chr9:130883968-130887675
## 7442	chr9 130885128	+	C	240	chr9:130883968-130887675
## 7443	chr9 130885128	-	C	9	chr9:130883968-130887675
## 7444	chr9 130885129	+	A	240	chr9:130883968-130887675
## 7445	chr9 130885129	-	A	9	chr9:130883968-130887675
## 7446	chr9 130885130	+	A	238	chr9:130883968-130887675
## 7447	chr9 130885130	-	A	9	chr9:130883968-130887675
## 7448	chr9 130885131	+	G	241	chr9:130883968-130887675
## 7449	chr9 130885131	-	G	9	chr9:130883968-130887675
## 7450	chr9 130885132	+	-	1	chr9:130883968-130887675
## 7451	chr9 130885132	+	C	240	chr9:130883968-130887675
## 7452	chr9 130885132	-	C	9	chr9:130883968-130887675
## 7453	chr9 130885133	+	C	241	chr9:130883968-130887675
## 7454	chr9 130885133	-	C	9	chr9:130883968-130887675
## 7455	chr9 130885134	+	C	241	chr9:130883968-130887675
## 7456	chr9 130885134	-	C	9	chr9:130883968-130887675
## 7457	chr9 130885135	+	A	240	chr9:130883968-130887675
## 7458	chr9 130885135	-	A	9	chr9:130883968-130887675
## 7459	chr9 130885136	+	G	241	chr9:130883968-130887675
## 7460	chr9 130885136	-	G	9	chr9:130883968-130887675
## 7461	chr9 130885137	+	C	241	chr9:130883968-130887675
## 7462	chr9 130885137	-	C	8	chr9:130883968-130887675
## 7463	chr9 130885137	-	G	1	chr9:130883968-130887675
## 7464	chr9 130885138	+	C	241	chr9:130883968-130887675
## 7465	chr9 130885138	-	C	9	chr9:130883968-130887675
## 7466	chr9 130885139	+	A	240	chr9:130883968-130887675
## 7467	chr9 130885139	-	A	9	chr9:130883968-130887675
## 7468	chr9 130885139	+	C	1	chr9:130883968-130887675
## 7469	chr9 130885140	+	G	240	chr9:130883968-130887675
## 7470	chr9 130885140	-	G	9	chr9:130883968-130887675
## 7471	chr9 130885140	+	T	1	chr9:130883968-130887675
## 7472	chr9 130885141	+	C	241	chr9:130883968-130887675
## 7473	chr9 130885141	-	C	9	chr9:130883968-130887675
## 7474	chr9 130885142	+	C	241	chr9:130883968-130887675
## 7475	chr9 130885142	-	C	9	chr9:130883968-130887675
## 7476	chr9 130885143	+	A	1	chr9:130883968-130887675
## 7477	chr9 130885143	+	G	240	chr9:130883968-130887675
## 7478	chr9 130885143	-	G	9	chr9:130883968-130887675
## 7479	chr9 130885144	+	G	241	chr9:130883968-130887675
## 7480	chr9 130885144	-	G	9	chr9:130883968-130887675
## 7481	chr9 130885145	+	G	239	chr9:130883968-130887675
## 7482	chr9 130885145	-	G	9	chr9:130883968-130887675
## 7483	chr9 130885146	+	A	241	chr9:130883968-130887675
## 7484	chr9 130885146	-	A	9	chr9:130883968-130887675
## 7485	chr9 130885147	+	G	241	chr9:130883968-130887675

## 7486	chr9 130885147	-	G	9	chr9:130883968-130887675
## 7487	chr9 130885148	+	A	241	chr9:130883968-130887675
## 7488	chr9 130885148	-	A	9	chr9:130883968-130887675
## 7489	chr9 130885149	+	G	241	chr9:130883968-130887675
## 7490	chr9 130885149	-	G	9	chr9:130883968-130887675
## 7491	chr9 130885150	+	G	240	chr9:130883968-130887675
## 7492	chr9 130885150	-	G	9	chr9:130883968-130887675
## 7493	chr9 130885151	+	G	241	chr9:130883968-130887675
## 7494	chr9 130885151	-	G	9	chr9:130883968-130887675
## 7495	chr9 130885152	+	C	241	chr9:130883968-130887675
## 7496	chr9 130885152	-	C	9	chr9:130883968-130887675
## 7497	chr9 130885153	+	C	241	chr9:130883968-130887675
## 7498	chr9 130885153	-	C	9	chr9:130883968-130887675
## 7499	chr9 130885154	+	T	241	chr9:130883968-130887675
## 7500	chr9 130885154	-	T	9	chr9:130883968-130887675
## 7501	chr9 130885155	+	C	241	chr9:130883968-130887675
## 7502	chr9 130885155	-	C	9	chr9:130883968-130887675
## 7503	chr9 130885156	+	A	240	chr9:130883968-130887675
## 7504	chr9 130885156	-	A	9	chr9:130883968-130887675
## 7505	chr9 130885157	+	A	240	chr9:130883968-130887675
## 7506	chr9 130885157	-	A	9	chr9:130883968-130887675
## 7507	chr9 130885158	+	A	241	chr9:130883968-130887675
## 7508	chr9 130885158	-	A	9	chr9:130883968-130887675
## 7509	chr9 130885159	+	A	240	chr9:130883968-130887675
## 7510	chr9 130885159	-	A	9	chr9:130883968-130887675
## 7511	chr9 130885159	+	G	1	chr9:130883968-130887675
## 7512	chr9 130885160	+	A	240	chr9:130883968-130887675
## 7513	chr9 130885160	-	A	9	chr9:130883968-130887675
## 7514	chr9 130885161	+	G	242	chr9:130883968-130887675
## 7515	chr9 130885161	-	G	9	chr9:130883968-130887675
## 7516	chr9 130885162	+	C	240	chr9:130883968-130887675
## 7517	chr9 130885162	-	C	9	chr9:130883968-130887675
## 7518	chr9 130885163	+	C	238	chr9:130883968-130887675
## 7519	chr9 130885163	-	C	9	chr9:130883968-130887675
## 7520	chr9 130885164	+	C	237	chr9:130883968-130887675
## 7521	chr9 130885164	-	C	9	chr9:130883968-130887675
## 7522	chr9 130885165	+	G	237	chr9:130883968-130887675
## 7523	chr9 130885165	-	G	9	chr9:130883968-130887675
## 7524	chr9 130885165	+	T	1	chr9:130883968-130887675
## 7525	chr9 130885166	+	T	241	chr9:130883968-130887675
## 7526	chr9 130885166	-	T	9	chr9:130883968-130887675
## 7527	chr9 130885167	+	G	240	chr9:130883968-130887675
## 7528	chr9 130885167	-	G	9	chr9:130883968-130887675
## 7529	chr9 130885168	+	C	236	chr9:130883968-130887675
## 7530	chr9 130885168	-	C	9	chr9:130883968-130887675
## 7531	chr9 130885169	+	T	241	chr9:130883968-130887675
## 7532	chr9 130885169	-	T	9	chr9:130883968-130887675
## 7533	chr9 130885170	+	C	241	chr9:130883968-130887675
## 7534	chr9 130885170	-	C	9	chr9:130883968-130887675
## 7535	chr9 130885171	+	C	239	chr9:130883968-130887675
## 7536	chr9 130885171	-	C	9	chr9:130883968-130887675
## 7537	chr9 130885172	+	C	239	chr9:130883968-130887675
## 7538	chr9 130885172	-	C	9	chr9:130883968-130887675
## 7539	chr9 130885173	+	G	240	chr9:130883968-130887675

## 7540	chr9 130885173	-	G	9	chr9:130883968-130887675
## 7541	chr9 130885173	+	T	1	chr9:130883968-130887675
## 7542	chr9 130885174	+	A	1	chr9:130883968-130887675
## 7543	chr9 130885174	+	G	237	chr9:130883968-130887675
## 7544	chr9 130885174	-	G	9	chr9:130883968-130887675
## 7545	chr9 130885175	+	C	240	chr9:130883968-130887675
## 7546	chr9 130885175	-	C	9	chr9:130883968-130887675
## 7547	chr9 130885176	+	C	240	chr9:130883968-130887675
## 7548	chr9 130885176	-	C	9	chr9:130883968-130887675
## 7549	chr9 130885177	+	A	239	chr9:130883968-130887675
## 7550	chr9 130885177	-	A	9	chr9:130883968-130887675
## 7551	chr9 130885178	+	C	239	chr9:130883968-130887675
## 7552	chr9 130885178	-	C	9	chr9:130883968-130887675
## 7553	chr9 130885179	+	T	238	chr9:130883968-130887675
## 7554	chr9 130885179	-	T	9	chr9:130883968-130887675
## 7555	chr9 130885180	+	C	236	chr9:130883968-130887675
## 7556	chr9 130885180	-	C	12	chr9:130883968-130887675
## 7557	chr9 130885181	+	C	236	chr9:130883968-130887675
## 7558	chr9 130885181	-	C	12	chr9:130883968-130887675
## 7559	chr9 130885182	+	A	236	chr9:130883968-130887675
## 7560	chr9 130885182	-	A	12	chr9:130883968-130887675
## 7561	chr9 130885183	+	A	235	chr9:130883968-130887675
## 7562	chr9 130885183	-	A	12	chr9:130883968-130887675
## 7563	chr9 130885183	+	C	1	chr9:130883968-130887675
## 7564	chr9 130885184	+	A	236	chr9:130883968-130887675
## 7565	chr9 130885184	-	A	12	chr9:130883968-130887675
## 7566	chr9 130885185	+	G	235	chr9:130883968-130887675
## 7567	chr9 130885185	-	G	12	chr9:130883968-130887675
## 7568	chr9 130885185	+	T	1	chr9:130883968-130887675
## 7569	chr9 130885186	+	C	234	chr9:130883968-130887675
## 7570	chr9 130885186	-	C	12	chr9:130883968-130887675
## 7571	chr9 130885187	+	C	237	chr9:130883968-130887675
## 7572	chr9 130885187	-	C	12	chr9:130883968-130887675
## 7573	chr9 130885187	+	G	1	chr9:130883968-130887675
## 7574	chr9 130885188	+	A	237	chr9:130883968-130887675
## 7575	chr9 130885188	-	A	12	chr9:130883968-130887675
## 7576	chr9 130885189	+	C	230	chr9:130883968-130887675
## 7577	chr9 130885189	-	C	12	chr9:130883968-130887675
## 7578	chr9 130885190	+	A	230	chr9:130883968-130887675
## 7579	chr9 130885190	-	A	12	chr9:130883968-130887675
## 7580	chr9 130885190	+	C	1	chr9:130883968-130887675
## 7581	chr9 130885191	+	G	229	chr9:130883968-130887675
## 7582	chr9 130885191	-	G	14	chr9:130883968-130887675
## 7583	chr9 130885191	+	T	1	chr9:130883968-130887675
## 7584	chr9 130885192	+	T	225	chr9:130883968-130887675
## 7585	chr9 130885192	-	T	14	chr9:130883968-130887675
## 7586	chr9 130885193	+	C	227	chr9:130883968-130887675
## 7587	chr9 130885193	-	C	16	chr9:130883968-130887675
## 7588	chr9 130885194	+	C	224	chr9:130883968-130887675
## 7589	chr9 130885194	-	C	16	chr9:130883968-130887675
## 7590	chr9 130885195	+	G	226	chr9:130883968-130887675
## 7591	chr9 130885195	-	G	16	chr9:130883968-130887675
## 7592	chr9 130885196	+	C	229	chr9:130883968-130887675
## 7593	chr9 130885196	-	C	16	chr9:130883968-130887675

## 7594	chr9 130885197	+	C	220	chr9:130883968-130887675
## 7595	chr9 130885197	-	C	16	chr9:130883968-130887675
## 7596	chr9 130885197	+	T	2	chr9:130883968-130887675
## 7597	chr9 130885198	+	A	224	chr9:130883968-130887675
## 7598	chr9 130885198	-	A	19	chr9:130883968-130887675
## 7599	chr9 130885199	+	A	217	chr9:130883968-130887675
## 7600	chr9 130885199	-	A	22	chr9:130883968-130887675
## 7601	chr9 130885200	+	G	220	chr9:130883968-130887675
## 7602	chr9 130885200	-	G	20	chr9:130883968-130887675
## 7603	chr9 130885201	+	C	219	chr9:130883968-130887675
## 7604	chr9 130885201	-	C	21	chr9:130883968-130887675
## 7605	chr9 130885202	+	C	225	chr9:130883968-130887675
## 7606	chr9 130885202	-	C	22	chr9:130883968-130887675
## 7607	chr9 130885202	+	T	1	chr9:130883968-130887675
## 7608	chr9 130885203	+	G	228	chr9:130883968-130887675
## 7609	chr9 130885203	-	G	22	chr9:130883968-130887675
## 7610	chr9 130885204	+	T	227	chr9:130883968-130887675
## 7611	chr9 130885204	-	T	22	chr9:130883968-130887675
## 7612	chr9 130885205	+	C	227	chr9:130883968-130887675
## 7613	chr9 130885205	-	C	22	chr9:130883968-130887675
## 7614	chr9 130885206	+	G	225	chr9:130883968-130887675
## 7615	chr9 130885206	-	G	22	chr9:130883968-130887675
## 7616	chr9 130885207	+	G	228	chr9:130883968-130887675
## 7617	chr9 130885207	-	G	22	chr9:130883968-130887675
## 7618	chr9 130885208	+	G	228	chr9:130883968-130887675
## 7619	chr9 130885208	-	G	22	chr9:130883968-130887675
## 7620	chr9 130885209	+	G	228	chr9:130883968-130887675
## 7621	chr9 130885209	-	G	22	chr9:130883968-130887675
## 7622	chr9 130885210	+	A	185	chr9:130883968-130887675
## 7623	chr9 130885210	-	A	22	chr9:130883968-130887675
## 7624	chr9 130885210	+	C	36	chr9:130883968-130887675
## 7625	chr9 130885210	+	G	2	chr9:130883968-130887675
## 7626	chr9 130885211	+	C	229	chr9:130883968-130887675
## 7627	chr9 130885211	-	C	22	chr9:130883968-130887675
## 7628	chr9 130885212	+	A	1	chr9:130883968-130887675
## 7629	chr9 130885212	+	C	228	chr9:130883968-130887675
## 7630	chr9 130885212	-	C	22	chr9:130883968-130887675
## 7631	chr9 130885213	+	C	227	chr9:130883968-130887675
## 7632	chr9 130885213	-	C	22	chr9:130883968-130887675
## 7633	chr9 130885213	+	G	1	chr9:130883968-130887675
## 7634	chr9 130885214	+	C	228	chr9:130883968-130887675
## 7635	chr9 130885214	-	C	22	chr9:130883968-130887675
## 7636	chr9 130885215	+	C	228	chr9:130883968-130887675
## 7637	chr9 130885215	-	C	22	chr9:130883968-130887675
## 7638	chr9 130885216	+	A	219	chr9:130883968-130887675
## 7639	chr9 130885216	-	A	22	chr9:130883968-130887675
## 7640	chr9 130885216	+	C	5	chr9:130883968-130887675
## 7641	chr9 130885217	+	A	1	chr9:130883968-130887675
## 7642	chr9 130885217	+	T	228	chr9:130883968-130887675
## 7643	chr9 130885217	-	T	22	chr9:130883968-130887675
## 7644	chr9 130885218	+	C	225	chr9:130883968-130887675
## 7645	chr9 130885218	-	C	22	chr9:130883968-130887675
## 7646	chr9 130885219	+	A	205	chr9:130883968-130887675
## 7647	chr9 130885219	-	A	22	chr9:130883968-130887675

## 7648	chr9 130885219	+	C	7	chr9:130883968-130887675
## 7649	chr9 130885220	+	G	228	chr9:130883968-130887675
## 7650	chr9 130885220	-	G	22	chr9:130883968-130887675
## 7651	chr9 130885221	+	C	228	chr9:130883968-130887675
## 7652	chr9 130885221	-	C	22	chr9:130883968-130887675
## 7653	chr9 130885222	+	C	227	chr9:130883968-130887675
## 7654	chr9 130885222	-	C	22	chr9:130883968-130887675
## 7655	chr9 130885222	+	T	1	chr9:130883968-130887675
## 7656	chr9 130885223	+	C	228	chr9:130883968-130887675
## 7657	chr9 130885223	-	C	22	chr9:130883968-130887675
## 7658	chr9 130885224	+	A	217	chr9:130883968-130887675
## 7659	chr9 130885224	-	A	22	chr9:130883968-130887675
## 7660	chr9 130885224	+	C	11	chr9:130883968-130887675
## 7661	chr9 130885225	+	G	229	chr9:130883968-130887675
## 7662	chr9 130885225	-	G	22	chr9:130883968-130887675
## 7663	chr9 130885226	+	C	228	chr9:130883968-130887675
## 7664	chr9 130885226	-	C	22	chr9:130883968-130887675
## 7665	chr9 130885227	+	C	228	chr9:130883968-130887675
## 7666	chr9 130885227	-	C	22	chr9:130883968-130887675
## 7667	chr9 130885228	+	C	228	chr9:130883968-130887675
## 7668	chr9 130885228	-	C	22	chr9:130883968-130887675
## 7669	chr9 130885229	+	C	229	chr9:130883968-130887675
## 7670	chr9 130885229	-	C	22	chr9:130883968-130887675
## 7671	chr9 130885230	+	C	229	chr9:130883968-130887675
## 7672	chr9 130885230	-	C	22	chr9:130883968-130887675
## 7673	chr9 130885231	+	C	1	chr9:130883968-130887675
## 7674	chr9 130885231	+	G	226	chr9:130883968-130887675
## 7675	chr9 130885231	-	G	22	chr9:130883968-130887675
## 7676	chr9 130885232	+	A	1	chr9:130883968-130887675
## 7677	chr9 130885232	+	G	2	chr9:130883968-130887675
## 7678	chr9 130885232	+	T	224	chr9:130883968-130887675
## 7679	chr9 130885232	-	T	22	chr9:130883968-130887675
## 7680	chr9 130885233	+	G	1	chr9:130883968-130887675
## 7681	chr9 130885233	+	T	227	chr9:130883968-130887675
## 7682	chr9 130885233	-	T	22	chr9:130883968-130887675
## 7683	chr9 130885234	+	C	222	chr9:130883968-130887675
## 7684	chr9 130885234	-	C	22	chr9:130883968-130887675
## 7685	chr9 130885235	+	C	228	chr9:130883968-130887675
## 7686	chr9 130885235	-	C	21	chr9:130883968-130887675
## 7687	chr9 130885236	+	C	228	chr9:130883968-130887675
## 7688	chr9 130885236	-	C	21	chr9:130883968-130887675
## 7689	chr9 130885237	+	G	5	chr9:130883968-130887675
## 7690	chr9 130885237	+	T	221	chr9:130883968-130887675
## 7691	chr9 130885237	-	T	21	chr9:130883968-130887675
## 7692	chr9 130885238	+	C	229	chr9:130883968-130887675
## 7693	chr9 130885238	-	C	21	chr9:130883968-130887675
## 7694	chr9 130885239	+	C	225	chr9:130883968-130887675
## 7695	chr9 130885239	-	C	21	chr9:130883968-130887675
## 7696	chr9 130885240	+	A	212	chr9:130883968-130887675
## 7697	chr9 130885240	-	A	21	chr9:130883968-130887675
## 7698	chr9 130885240	+	C	6	chr9:130883968-130887675
## 7699	chr9 130885241	+	C	228	chr9:130883968-130887675
## 7700	chr9 130885241	-	C	23	chr9:130883968-130887675
## 7701	chr9 130885242	+	G	228	chr9:130883968-130887675

## 7702	chr9 130885242	-	G	23	chr9:130883968-130887675
## 7703	chr9 130885243	+	T	228	chr9:130883968-130887675
## 7704	chr9 130885243	-	T	23	chr9:130883968-130887675
## 7705	chr9 130885244	+	T	226	chr9:130883968-130887675
## 7706	chr9 130885244	-	T	23	chr9:130883968-130887675
## 7707	chr9 130885245	+	G	225	chr9:130883968-130887675
## 7708	chr9 130885245	-	G	23	chr9:130883968-130887675
## 7709	chr9 130885246	+	C	226	chr9:130883968-130887675
## 7710	chr9 130885246	-	C	23	chr9:130883968-130887675
## 7711	chr9 130885247	+	C	224	chr9:130883968-130887675
## 7712	chr9 130885247	-	C	23	chr9:130883968-130887675
## 7713	chr9 130885248	+	A	214	chr9:130883968-130887675
## 7714	chr9 130885248	-	A	23	chr9:130883968-130887675
## 7715	chr9 130885248	+	C	2	chr9:130883968-130887675
## 7716	chr9 130885249	+	T	223	chr9:130883968-130887675
## 7717	chr9 130885249	-	T	23	chr9:130883968-130887675
## 7718	chr9 130885250	+	C	222	chr9:130883968-130887675
## 7719	chr9 130885250	-	C	23	chr9:130883968-130887675
## 7720	chr9 130885251	+	A	214	chr9:130883968-130887675
## 7721	chr9 130885251	-	A	23	chr9:130883968-130887675
## 7722	chr9 130885251	+	C	1	chr9:130883968-130887675
## 7723	chr9 130885252	+	G	225	chr9:130883968-130887675
## 7724	chr9 130885252	-	G	23	chr9:130883968-130887675
## 7725	chr9 130885253	+	C	223	chr9:130883968-130887675
## 7726	chr9 130885253	-	C	23	chr9:130883968-130887675
## 7727	chr9 130885253	+	T	1	chr9:130883968-130887675
## 7728	chr9 130885254	+	A	222	chr9:130883968-130887675
## 7729	chr9 130885254	-	A	23	chr9:130883968-130887675
## 7730	chr9 130885255	+	T	227	chr9:130883968-130887675
## 7731	chr9 130885255	-	T	21	chr9:130883968-130887675
## 7732	chr9 130885256	+	C	228	chr9:130883968-130887675
## 7733	chr9 130885256	-	C	21	chr9:130883968-130887675
## 7734	chr9 130885257	+	C	230	chr9:130883968-130887675
## 7735	chr9 130885257	-	C	21	chr9:130883968-130887675
## 7736	chr9 130885258	+	G	1	chr9:130883968-130887675
## 7737	chr9 130885258	+	T	229	chr9:130883968-130887675
## 7738	chr9 130885258	-	T	21	chr9:130883968-130887675
## 7739	chr9 130885259	+	C	231	chr9:130883968-130887675
## 7740	chr9 130885259	-	C	21	chr9:130883968-130887675
## 7741	chr9 130885260	+	G	231	chr9:130883968-130887675
## 7742	chr9 130885260	-	G	21	chr9:130883968-130887675
## 7743	chr9 130885261	+	G	229	chr9:130883968-130887675
## 7744	chr9 130885261	-	G	21	chr9:130883968-130887675
## 7745	chr9 130885261	+	T	1	chr9:130883968-130887675
## 7746	chr9 130885262	+	C	230	chr9:130883968-130887675
## 7747	chr9 130885262	-	C	21	chr9:130883968-130887675
## 7748	chr9 130885263	+	C	231	chr9:130883968-130887675
## 7749	chr9 130885263	-	C	21	chr9:130883968-130887675
## 7750	chr9 130885264	+	C	232	chr9:130883968-130887675
## 7751	chr9 130885264	-	C	21	chr9:130883968-130887675
## 7752	chr9 130885265	+	G	1	chr9:130883968-130887675
## 7753	chr9 130885265	+	T	229	chr9:130883968-130887675
## 7754	chr9 130885265	-	T	21	chr9:130883968-130887675
## 7755	chr9 130885266	+	G	230	chr9:130883968-130887675

## 7756	chr9 130885266	-	G	19	chr9:130883968-130887675
## 7757	chr9 130885267	+	G	228	chr9:130883968-130887675
## 7758	chr9 130885267	-	G	20	chr9:130883968-130887675
## 7759	chr9 130885268	+	C	228	chr9:130883968-130887675
## 7760	chr9 130885268	-	C	18	chr9:130883968-130887675
## 7761	chr9 130885269	+	A	227	chr9:130883968-130887675
## 7762	chr9 130885269	-	A	18	chr9:130883968-130887675
## 7763	chr9 130885270	+	-	1	chr9:130883968-130887675
## 7764	chr9 130885270	+	G	228	chr9:130883968-130887675
## 7765	chr9 130885270	-	G	18	chr9:130883968-130887675
## 7766	chr9 130885271	+	G	229	chr9:130883968-130887675
## 7767	chr9 130885271	-	G	18	chr9:130883968-130887675
## 7768	chr9 130885272	+	G	229	chr9:130883968-130887675
## 7769	chr9 130885272	-	G	18	chr9:130883968-130887675
## 7770	chr9 130885273	+	A	1	chr9:130883968-130887675
## 7771	chr9 130885273	+	G	223	chr9:130883968-130887675
## 7772	chr9 130885273	-	G	15	chr9:130883968-130887675
## 7773	chr9 130885274	+	A	226	chr9:130883968-130887675
## 7774	chr9 130885274	-	A	12	chr9:130883968-130887675
## 7775	chr9 130885275	+	C	237	chr9:130883968-130887675
## 7776	chr9 130885275	-	C	12	chr9:130883968-130887675
## 7777	chr9 130885276	+	C	237	chr9:130883968-130887675
## 7778	chr9 130885276	-	C	4	chr9:130883968-130887675
## 7779	chr9 130885277	+	A	237	chr9:130883968-130887675
## 7780	chr9 130885277	-	A	3	chr9:130883968-130887675
## 7781	chr9 130885277	+	C	1	chr9:130883968-130887675
## 7782	chr9 130885278	+	G	246	chr9:130883968-130887675
## 7783	chr9 130885278	-	G	3	chr9:130883968-130887675
## 7784	chr9 130885279	+	C	247	chr9:130883968-130887675
## 7785	chr9 130885279	-	C	3	chr9:130883968-130887675
## 7786	chr9 130885280	+	C	246	chr9:130883968-130887675
## 7787	chr9 130885280	-	C	3	chr9:130883968-130887675
## 7788	chr9 130885281	+	G	246	chr9:130883968-130887675
## 7789	chr9 130885281	-	G	3	chr9:130883968-130887675
## 7790	chr9 130885282	+	T	244	chr9:130883968-130887675
## 7791	chr9 130885282	-	T	3	chr9:130883968-130887675
## 7792	chr9 130885283	+	C	248	chr9:130883968-130887675
## 7793	chr9 130885283	-	C	3	chr9:130883968-130887675
## 7794	chr9 130885284	+	T	248	chr9:130883968-130887675
## 7795	chr9 130885284	-	T	3	chr9:130883968-130887675
## 7796	chr9 130885285	+	T	249	chr9:130883968-130887675
## 7797	chr9 130885285	-	T	3	chr9:130883968-130887675
## 7798	chr9 130885286	+	C	244	chr9:130883968-130887675
## 7799	chr9 130885286	-	C	3	chr9:130883968-130887675
## 7800	chr9 130885287	+	C	247	chr9:130883968-130887675
## 7801	chr9 130885287	-	C	3	chr9:130883968-130887675
## 7802	chr9 130885288	+	A	244	chr9:130883968-130887675
## 7803	chr9 130885288	-	A	3	chr9:130883968-130887675
## 7804	chr9 130885288	+	C	2	chr9:130883968-130887675
## 7805	chr9 130885289	+	C	248	chr9:130883968-130887675
## 7806	chr9 130885289	-	C	3	chr9:130883968-130887675
## 7807	chr9 130885290	+	C	248	chr9:130883968-130887675
## 7808	chr9 130885290	-	C	3	chr9:130883968-130887675
## 7809	chr9 130885291	+	G	248	chr9:130883968-130887675

## 7810	chr9 130885291	-	G	3	chr9:130883968-130887675
## 7811	chr9 130885292	+	C	243	chr9:130883968-130887675
## 7812	chr9 130885292	-	C	3	chr9:130883968-130887675
## 7813	chr9 130885293	+	C	248	chr9:130883968-130887675
## 7814	chr9 130885293	-	C	3	chr9:130883968-130887675
## 7815	chr9 130885294	+	G	1	chr9:130883968-130887675
## 7816	chr9 130885294	+	T	242	chr9:130883968-130887675
## 7817	chr9 130885294	-	T	3	chr9:130883968-130887675
## 7818	chr9 130885295	+	T	230	chr9:130883968-130887675
## 7819	chr9 130885295	-	T	3	chr9:130883968-130887675
## 7820	chr9 130885296	+	C	248	chr9:130883968-130887675
## 7821	chr9 130885296	-	C	3	chr9:130883968-130887675
## 7822	chr9 130885297	+	A	247	chr9:130883968-130887675
## 7823	chr9 130885297	-	A	3	chr9:130883968-130887675
## 7824	chr9 130885297	+	C	1	chr9:130883968-130887675
## 7825	chr9 130885298	+	T	248	chr9:130883968-130887675
## 7826	chr9 130885298	-	T	3	chr9:130883968-130887675
## 7827	chr9 130885299	+	C	248	chr9:130883968-130887675
## 7828	chr9 130885299	-	C	3	chr9:130883968-130887675
## 7829	chr9 130885300	+	C	249	chr9:130883968-130887675
## 7830	chr9 130885300	-	C	3	chr9:130883968-130887675
## 7831	chr9 130885301	+	C	249	chr9:130883968-130887675
## 7832	chr9 130885301	-	C	3	chr9:130883968-130887675
## 7833	chr9 130885302	+	T	249	chr9:130883968-130887675
## 7834	chr9 130885302	-	T	3	chr9:130883968-130887675
## 7835	chr9 130885303	+	C	249	chr9:130883968-130887675
## 7836	chr9 130885303	-	C	3	chr9:130883968-130887675
## 7837	chr9 130885304	+	T	247	chr9:130883968-130887675
## 7838	chr9 130885304	-	T	3	chr9:130883968-130887675
## 7839	chr9 130885305	+	C	247	chr9:130883968-130887675
## 7840	chr9 130885305	-	C	3	chr9:130883968-130887675
## 7841	chr9 130885306	+	A	247	chr9:130883968-130887675
## 7842	chr9 130885306	-	A	3	chr9:130883968-130887675
## 7843	chr9 130885307	+	T	246	chr9:130883968-130887675
## 7844	chr9 130885307	-	T	3	chr9:130883968-130887675
## 7845	chr9 130885308	+	A	246	chr9:130883968-130887675
## 7846	chr9 130885308	-	A	3	chr9:130883968-130887675
## 7847	chr9 130885309	+	T	247	chr9:130883968-130887675
## 7848	chr9 130885309	-	T	3	chr9:130883968-130887675
## 7849	chr9 130885310	+	C	240	chr9:130883968-130887675
## 7850	chr9 130885310	-	C	3	chr9:130883968-130887675
## 7851	chr9 130885311	+	A	245	chr9:130883968-130887675
## 7852	chr9 130885311	-	A	3	chr9:130883968-130887675
## 7853	chr9 130885312	+	A	244	chr9:130883968-130887675
## 7854	chr9 130885312	-	A	3	chr9:130883968-130887675
## 7855	chr9 130885313	+	C	246	chr9:130883968-130887675
## 7856	chr9 130885313	-	C	3	chr9:130883968-130887675
## 7857	chr9 130885314	+	C	247	chr9:130883968-130887675
## 7858	chr9 130885314	-	C	3	chr9:130883968-130887675
## 7859	chr9 130885315	+	C	242	chr9:130883968-130887675
## 7860	chr9 130885315	-	C	2	chr9:130883968-130887675
## 7861	chr9 130885316	+	G	242	chr9:130883968-130887675
## 7862	chr9 130885316	-	G	1	chr9:130883968-130887675
## 7863	chr9 130885317	+	A	248	chr9:130883968-130887675

## 7864	chr9 130885317	-	A	1	chr9:130883968-130887675
## 7865	chr9 130885318	+	A	1	chr9:130883968-130887675
## 7866	chr9 130885318	+	G	249	chr9:130883968-130887675
## 7867	chr9 130885318	-	G	1	chr9:130883968-130887675
## 7868	chr9 130885319	+	T	250	chr9:130883968-130887675
## 7869	chr9 130885319	-	T	1	chr9:130883968-130887675
## 7870	chr9 130885320	+	A	1	chr9:130883968-130887675
## 7871	chr9 130885320	+	G	248	chr9:130883968-130887675
## 7872	chr9 130885320	-	G	1	chr9:130883968-130887675
## 7873	chr9 130885321	+	T	248	chr9:130883968-130887675
## 7874	chr9 130885321	-	T	1	chr9:130883968-130887675
## 7875	chr9 130885322	+	C	247	chr9:130883968-130887675
## 7876	chr9 130885322	-	C	1	chr9:130883968-130887675
## 7877	chr9 130885323	+	T	246	chr9:130883968-130887675
## 7878	chr9 130885323	-	T	1	chr9:130883968-130887675
## 7879	chr9 130885324	+	C	238	chr9:130883968-130887675
## 7880	chr9 130885324	-	C	1	chr9:130883968-130887675
## 7881	chr9 130885325	+	T	246	chr9:130883968-130887675
## 7882	chr9 130885325	-	T	1	chr9:130883968-130887675
## 7883	chr9 130885326	+	T	243	chr9:130883968-130887675
## 7884	chr9 130885326	-	T	3	chr9:130883968-130887675
## 7885	chr9 130885327	+	C	235	chr9:130883968-130887675
## 7886	chr9 130885327	-	C	3	chr9:130883968-130887675
## 7887	chr9 130885328	+	A	1	chr9:130883968-130887675
## 7888	chr9 130885328	+	G	232	chr9:130883968-130887675
## 7889	chr9 130885328	-	G	15	chr9:130883968-130887675
## 7890	chr9 130885329	+	G	232	chr9:130883968-130887675
## 7891	chr9 130885329	-	G	15	chr9:130883968-130887675
## 7892	chr9 130885330	+	A	230	chr9:130883968-130887675
## 7893	chr9 130885330	-	A	15	chr9:130883968-130887675
## 7894	chr9 130885331	+	A	232	chr9:130883968-130887675
## 7895	chr9 130885331	-	A	15	chr9:130883968-130887675
## 7896	chr9 130885332	+	A	234	chr9:130883968-130887675
## 7897	chr9 130885332	-	A	15	chr9:130883968-130887675
## 7898	chr9 130885333	+	A	236	chr9:130883968-130887675
## 7899	chr9 130885333	-	A	15	chr9:130883968-130887675
## 7900	chr9 130885334	+	C	235	chr9:130883968-130887675
## 7901	chr9 130885334	-	C	15	chr9:130883968-130887675
## 7902	chr9 130885335	+	A	1	chr9:130883968-130887675
## 7903	chr9 130885335	+	C	234	chr9:130883968-130887675
## 7904	chr9 130885335	-	C	15	chr9:130883968-130887675
## 7905	chr9 130885336	+	C	235	chr9:130883968-130887675
## 7906	chr9 130885336	-	C	15	chr9:130883968-130887675
## 7907	chr9 130885337	+	G	234	chr9:130883968-130887675
## 7908	chr9 130885337	-	G	15	chr9:130883968-130887675
## 7909	chr9 130885337	+	T	1	chr9:130883968-130887675
## 7910	chr9 130885338	+	C	235	chr9:130883968-130887675
## 7911	chr9 130885338	-	C	15	chr9:130883968-130887675
## 7912	chr9 130885339	+	C	235	chr9:130883968-130887675
## 7913	chr9 130885339	-	C	15	chr9:130883968-130887675
## 7914	chr9 130885340	+	A	235	chr9:130883968-130887675
## 7915	chr9 130885340	-	A	15	chr9:130883968-130887675
## 7916	chr9 130885341	+	C	1	chr9:130883968-130887675
## 7917	chr9 130885341	+	G	234	chr9:130883968-130887675

## 7918	chr9 130885341	-	G	15	chr9:130883968-130887675
## 7919	chr9 130885342	+	C	235	chr9:130883968-130887675
## 7920	chr9 130885342	-	C	14	chr9:130883968-130887675
## 7921	chr9 130885343	+	C	234	chr9:130883968-130887675
## 7922	chr9 130885343	-	C	14	chr9:130883968-130887675
## 7923	chr9 130885344	+	T	232	chr9:130883968-130887675
## 7924	chr9 130885344	-	T	14	chr9:130883968-130887675
## 7925	chr9 130885345	+	C	231	chr9:130883968-130887675
## 7926	chr9 130885345	-	C	14	chr9:130883968-130887675
## 7927	chr9 130885346	+	C	233	chr9:130883968-130887675
## 7928	chr9 130885346	-	C	14	chr9:130883968-130887675
## 7929	chr9 130885347	+	A	233	chr9:130883968-130887675
## 7930	chr9 130885347	-	A	14	chr9:130883968-130887675
## 7931	chr9 130885348	+	G	234	chr9:130883968-130887675
## 7932	chr9 130885348	-	G	14	chr9:130883968-130887675
## 7933	chr9 130885349	+	A	221	chr9:130883968-130887675
## 7934	chr9 130885349	-	A	14	chr9:130883968-130887675
## 7935	chr9 130885350	+	G	228	chr9:130883968-130887675
## 7936	chr9 130885350	-	G	14	chr9:130883968-130887675
## 7937	chr9 130885351	+	C	235	chr9:130883968-130887675
## 7938	chr9 130885351	-	C	14	chr9:130883968-130887675
## 7939	chr9 130885352	+	G	227	chr9:130883968-130887675
## 7940	chr9 130885352	-	G	14	chr9:130883968-130887675
## 7941	chr9 130885353	+	G	220	chr9:130883968-130887675
## 7942	chr9 130885353	-	G	22	chr9:130883968-130887675
## 7943	chr9 130885354	+	A	227	chr9:130883968-130887675
## 7944	chr9 130885354	-	A	22	chr9:130883968-130887675
## 7945	chr9 130885355	+	T	228	chr9:130883968-130887675
## 7946	chr9 130885355	-	T	22	chr9:130883968-130887675
## 7947	chr9 130885356	+	A	1	chr9:130883968-130887675
## 7948	chr9 130885356	+	C	226	chr9:130883968-130887675
## 7949	chr9 130885356	-	C	22	chr9:130883968-130887675
## 7950	chr9 130885357	+	G	226	chr9:130883968-130887675
## 7951	chr9 130885357	-	G	22	chr9:130883968-130887675
## 7952	chr9 130885358	+	C	225	chr9:130883968-130887675
## 7953	chr9 130885358	-	C	22	chr9:130883968-130887675
## 7954	chr9 130885359	+	C	228	chr9:130883968-130887675
## 7955	chr9 130885359	-	C	22	chr9:130883968-130887675
## 7956	chr9 130885360	+	A	228	chr9:130883968-130887675
## 7957	chr9 130885360	-	A	22	chr9:130883968-130887675
## 7958	chr9 130885361	+	G	228	chr9:130883968-130887675
## 7959	chr9 130885361	-	G	22	chr9:130883968-130887675
## 7960	chr9 130885362	+	C	226	chr9:130883968-130887675
## 7961	chr9 130885362	-	C	22	chr9:130883968-130887675
## 7962	chr9 130885363	+	A	1	chr9:130883968-130887675
## 7963	chr9 130885363	+	G	226	chr9:130883968-130887675
## 7964	chr9 130885363	-	G	22	chr9:130883968-130887675
## 7965	chr9 130885364	+	G	228	chr9:130883968-130887675
## 7966	chr9 130885364	-	G	22	chr9:130883968-130887675
## 7967	chr9 130885365	+	C	228	chr9:130883968-130887675
## 7968	chr9 130885365	-	C	22	chr9:130883968-130887675
## 7969	chr9 130885366	+	G	227	chr9:130883968-130887675
## 7970	chr9 130885366	-	G	22	chr9:130883968-130887675
## 7971	chr9 130885367	+	C	228	chr9:130883968-130887675

## 7972	chr9 130885367	-	C	22	chr9:130883968-130887675
## 7973	chr9 130885368	+	C	223	chr9:130883968-130887675
## 7974	chr9 130885368	-	C	22	chr9:130883968-130887675
## 7975	chr9 130885368	+	G	1	chr9:130883968-130887675
## 7976	chr9 130885369	+	A	228	chr9:130883968-130887675
## 7977	chr9 130885369	-	A	22	chr9:130883968-130887675
## 7978	chr9 130885370	+	T	224	chr9:130883968-130887675
## 7979	chr9 130885370	-	T	22	chr9:130883968-130887675
## 7980	chr9 130885371	+	C	208	chr9:130883968-130887675
## 7981	chr9 130885371	-	C	26	chr9:130883968-130887675
## 7982	chr9 130885372	+	A	216	chr9:130883968-130887675
## 7983	chr9 130885372	-	A	33	chr9:130883968-130887675
## 7984	chr9 130885373	+	C	215	chr9:130883968-130887675
## 7985	chr9 130885373	-	C	33	chr9:130883968-130887675
## 7986	chr9 130885373	+	T	2	chr9:130883968-130887675
## 7987	chr9 130885374	+	C	217	chr9:130883968-130887675
## 7988	chr9 130885374	-	C	33	chr9:130883968-130887675
## 7989	chr9 130885375	+	A	217	chr9:130883968-130887675
## 7990	chr9 130885375	-	A	33	chr9:130883968-130887675
## 7991	chr9 130885376	+	A	217	chr9:130883968-130887675
## 7992	chr9 130885376	-	A	33	chr9:130883968-130887675
## 7993	chr9 130885377	+	G	217	chr9:130883968-130887675
## 7994	chr9 130885377	-	G	33	chr9:130883968-130887675
## 7995	chr9 130885378	+	A	1	chr9:130883968-130887675
## 7996	chr9 130885378	+	G	216	chr9:130883968-130887675
## 7997	chr9 130885378	-	G	33	chr9:130883968-130887675
## 7998	chr9 130885379	+	G	217	chr9:130883968-130887675
## 7999	chr9 130885379	-	G	33	chr9:130883968-130887675
## 8000	chr9 130885380	+	C	217	chr9:130883968-130887675
## 8001	chr9 130885380	-	C	33	chr9:130883968-130887675
## 8002	chr9 130885381	+	A	1	chr9:130883968-130887675
## 8003	chr9 130885381	+	G	216	chr9:130883968-130887675
## 8004	chr9 130885381	-	G	33	chr9:130883968-130887675
## 8005	chr9 130885382	+	T	217	chr9:130883968-130887675
## 8006	chr9 130885382	-	T	33	chr9:130883968-130887675
## 8007	chr9 130885383	+	G	216	chr9:130883968-130887675
## 8008	chr9 130885383	-	G	33	chr9:130883968-130887675
## 8009	chr9 130885384	+	G	216	chr9:130883968-130887675
## 8010	chr9 130885384	-	G	33	chr9:130883968-130887675
## 8011	chr9 130885385	+	T	217	chr9:130883968-130887675
## 8012	chr9 130885385	-	T	33	chr9:130883968-130887675
## 8013	chr9 130885386	+	C	210	chr9:130883968-130887675
## 8014	chr9 130885386	-	C	33	chr9:130883968-130887675
## 8015	chr9 130885387	+	C	216	chr9:130883968-130887675
## 8016	chr9 130885387	-	C	33	chr9:130883968-130887675
## 8017	chr9 130885388	+	T	214	chr9:130883968-130887675
## 8018	chr9 130885388	-	T	33	chr9:130883968-130887675
## 8019	chr9 130885389	+	G	216	chr9:130883968-130887675
## 8020	chr9 130885389	-	G	33	chr9:130883968-130887675
## 8021	chr9 130885390	+	G	217	chr9:130883968-130887675
## 8022	chr9 130885390	-	G	33	chr9:130883968-130887675
## 8023	chr9 130885391	+	A	211	chr9:130883968-130887675
## 8024	chr9 130885391	-	A	33	chr9:130883968-130887675
## 8025	chr9 130885392	+	C	210	chr9:130883968-130887675

## 8026	chr9 130885392	-	C	33	chr9:130883968-130887675
## 8027	chr9 130885393	+	A	216	chr9:130883968-130887675
## 8028	chr9 130885393	-	A	33	chr9:130883968-130887675
## 8029	chr9 130885394	+	G	217	chr9:130883968-130887675
## 8030	chr9 130885394	-	G	33	chr9:130883968-130887675
## 8031	chr9 130885395	+	C	217	chr9:130883968-130887675
## 8032	chr9 130885395	-	C	33	chr9:130883968-130887675
## 8033	chr9 130885396	+	A	217	chr9:130883968-130887675
## 8034	chr9 130885396	-	A	33	chr9:130883968-130887675
## 8035	chr9 130885397	+	C	216	chr9:130883968-130887675
## 8036	chr9 130885397	-	C	33	chr9:130883968-130887675
## 8037	chr9 130885398	+	A	1	chr9:130883968-130887675
## 8038	chr9 130885398	+	C	212	chr9:130883968-130887675
## 8039	chr9 130885398	-	C	33	chr9:130883968-130887675
## 8040	chr9 130885398	+	T	2	chr9:130883968-130887675
## 8041	chr9 130885399	+	G	214	chr9:130883968-130887675
## 8042	chr9 130885399	-	G	33	chr9:130883968-130887675
## 8043	chr9 130885400	+	A	206	chr9:130883968-130887675
## 8044	chr9 130885400	-	A	33	chr9:130883968-130887675
## 8045	chr9 130885401	+	G	210	chr9:130883968-130887675
## 8046	chr9 130885401	-	G	37	chr9:130883968-130887675
## 8047	chr9 130885402	+	A	1	chr9:130883968-130887675
## 8048	chr9 130885402	-	A	3	chr9:130883968-130887675
## 8049	chr9 130885402	+	G	208	chr9:130883968-130887675
## 8050	chr9 130885402	-	G	34	chr9:130883968-130887675
## 8051	chr9 130885403	+	C	213	chr9:130883968-130887675
## 8052	chr9 130885403	-	C	25	chr9:130883968-130887675
## 8053	chr9 130885404	+	G	223	chr9:130883968-130887675
## 8054	chr9 130885404	-	G	25	chr9:130883968-130887675
## 8055	chr9 130885405	+	C	222	chr9:130883968-130887675
## 8056	chr9 130885405	-	C	25	chr9:130883968-130887675
## 8057	chr9 130885406	+	T	220	chr9:130883968-130887675
## 8058	chr9 130885406	-	T	25	chr9:130883968-130887675
## 8059	chr9 130885407	+	G	221	chr9:130883968-130887675
## 8060	chr9 130885407	-	G	25	chr9:130883968-130887675
## 8061	chr9 130885408	+	T	224	chr9:130883968-130887675
## 8062	chr9 130885408	-	T	25	chr9:130883968-130887675
## 8063	chr9 130885409	+	G	224	chr9:130883968-130887675
## 8064	chr9 130885409	-	G	25	chr9:130883968-130887675
## 8065	chr9 130885410	+	C	225	chr9:130883968-130887675
## 8066	chr9 130885410	-	C	25	chr9:130883968-130887675
## 8067	chr9 130885411	+	C	225	chr9:130883968-130887675
## 8068	chr9 130885411	-	C	25	chr9:130883968-130887675
## 8069	chr9 130885412	+	T	225	chr9:130883968-130887675
## 8070	chr9 130885412	-	T	25	chr9:130883968-130887675
## 8071	chr9 130885413	+	C	225	chr9:130883968-130887675
## 8072	chr9 130885413	-	C	25	chr9:130883968-130887675
## 8073	chr9 130885414	+	G	225	chr9:130883968-130887675
## 8074	chr9 130885414	-	G	25	chr9:130883968-130887675
## 8075	chr9 130885415	+	A	1	chr9:130883968-130887675
## 8076	chr9 130885415	+	C	224	chr9:130883968-130887675
## 8077	chr9 130885415	-	C	25	chr9:130883968-130887675
## 8078	chr9 130885416	+	C	225	chr9:130883968-130887675
## 8079	chr9 130885416	-	C	25	chr9:130883968-130887675

## 8080	chr9 130885417	+	A	224	chr9:130883968-130887675
## 8081	chr9 130885417	-	A	25	chr9:130883968-130887675
## 8082	chr9 130885418	+	C	1	chr9:130883968-130887675
## 8083	chr9 130885418	+	T	224	chr9:130883968-130887675
## 8084	chr9 130885418	-	T	25	chr9:130883968-130887675
## 8085	chr9 130885419	+	C	223	chr9:130883968-130887675
## 8086	chr9 130885419	-	C	25	chr9:130883968-130887675
## 8087	chr9 130885420	+	T	221	chr9:130883968-130887675
## 8088	chr9 130885420	-	T	25	chr9:130883968-130887675
## 8089	chr9 130885421	+	C	220	chr9:130883968-130887675
## 8090	chr9 130885421	-	C	25	chr9:130883968-130887675
## 8091	chr9 130885422	+	T	221	chr9:130883968-130887675
## 8092	chr9 130885422	-	T	25	chr9:130883968-130887675
## 8093	chr9 130885423	+	A	223	chr9:130883968-130887675
## 8094	chr9 130885423	-	A	25	chr9:130883968-130887675
## 8095	chr9 130885424	+	G	223	chr9:130883968-130887675
## 8096	chr9 130885424	-	G	25	chr9:130883968-130887675
## 8097	chr9 130885425	+	G	210	chr9:130883968-130887675
## 8098	chr9 130885425	-	G	25	chr9:130883968-130887675
## 8099	chr9 130885426	+	A	210	chr9:130883968-130887675
## 8100	chr9 130885426	-	A	32	chr9:130883968-130887675
## 8101	chr9 130885427	+	A	217	chr9:130883968-130887675
## 8102	chr9 130885427	-	A	32	chr9:130883968-130887675
## 8103	chr9 130885428	+	C	217	chr9:130883968-130887675
## 8104	chr9 130885428	-	C	24	chr9:130883968-130887675
## 8105	chr9 130885429	+	T	219	chr9:130883968-130887675
## 8106	chr9 130885429	-	T	24	chr9:130883968-130887675
## 8107	chr9 130885430	+	C	225	chr9:130883968-130887675
## 8108	chr9 130885430	-	C	24	chr9:130883968-130887675
## 8109	chr9 130885431	+	C	226	chr9:130883968-130887675
## 8110	chr9 130885431	-	C	24	chr9:130883968-130887675
## 8111	chr9 130885432	+	G	225	chr9:130883968-130887675
## 8112	chr9 130885432	-	G	24	chr9:130883968-130887675
## 8113	chr9 130885433	+	A	223	chr9:130883968-130887675
## 8114	chr9 130885433	-	A	24	chr9:130883968-130887675
## 8115	chr9 130885434	+	G	224	chr9:130883968-130887675
## 8116	chr9 130885434	-	G	24	chr9:130883968-130887675
## 8117	chr9 130885435	+	C	226	chr9:130883968-130887675
## 8118	chr9 130885435	-	C	24	chr9:130883968-130887675
## 8119	chr9 130885436	+	A	226	chr9:130883968-130887675
## 8120	chr9 130885436	-	A	24	chr9:130883968-130887675
## 8121	chr9 130885437	+	G	226	chr9:130883968-130887675
## 8122	chr9 130885437	-	G	24	chr9:130883968-130887675
## 8123	chr9 130885438	+	A	225	chr9:130883968-130887675
## 8124	chr9 130885438	-	A	24	chr9:130883968-130887675
## 8125	chr9 130885439	+	T	225	chr9:130883968-130887675
## 8126	chr9 130885439	-	T	24	chr9:130883968-130887675
## 8127	chr9 130885440	+	G	226	chr9:130883968-130887675
## 8128	chr9 130885440	-	G	24	chr9:130883968-130887675
## 8129	chr9 130885441	+	G	226	chr9:130883968-130887675
## 8130	chr9 130885441	-	G	24	chr9:130883968-130887675
## 8131	chr9 130885442	+	A	1	chr9:130883968-130887675
## 8132	chr9 130885442	+	C	224	chr9:130883968-130887675
## 8133	chr9 130885442	-	C	24	chr9:130883968-130887675

## 8134	chr9 130885443	+	C	226	chr9:130883968-130887675
## 8135	chr9 130885443	-	C	24	chr9:130883968-130887675
## 8136	chr9 130885444	+	A	222	chr9:130883968-130887675
## 8137	chr9 130885444	-	A	24	chr9:130883968-130887675
## 8138	chr9 130885445	-	A	1	chr9:130883968-130887675
## 8139	chr9 130885445	+	G	226	chr9:130883968-130887675
## 8140	chr9 130885445	-	G	23	chr9:130883968-130887675
## 8141	chr9 130885446	+	-	1	chr9:130883968-130887675
## 8142	chr9 130885446	+	C	225	chr9:130883968-130887675
## 8143	chr9 130885446	-	C	20	chr9:130883968-130887675
## 8144	chr9 130885447	+	C	221	chr9:130883968-130887675
## 8145	chr9 130885447	-	C	13	chr9:130883968-130887675
## 8146	chr9 130885448	+	A	236	chr9:130883968-130887675
## 8147	chr9 130885448	-	A	13	chr9:130883968-130887675
## 8148	chr9 130885449	+	C	237	chr9:130883968-130887675
## 8149	chr9 130885449	-	C	13	chr9:130883968-130887675
## 8150	chr9 130885450	+	A	237	chr9:130883968-130887675
## 8151	chr9 130885450	-	A	13	chr9:130883968-130887675
## 8152	chr9 130885451	+	G	237	chr9:130883968-130887675
## 8153	chr9 130885451	-	G	13	chr9:130883968-130887675
## 8154	chr9 130885452	+	C	237	chr9:130883968-130887675
## 8155	chr9 130885452	-	C	13	chr9:130883968-130887675
## 8156	chr9 130885453	+	G	237	chr9:130883968-130887675
## 8157	chr9 130885453	-	G	13	chr9:130883968-130887675
## 8158	chr9 130885454	+	C	237	chr9:130883968-130887675
## 8159	chr9 130885454	-	C	13	chr9:130883968-130887675
## 8160	chr9 130885455	+	A	237	chr9:130883968-130887675
## 8161	chr9 130885455	-	A	13	chr9:130883968-130887675
## 8162	chr9 130885456	+	C	1	chr9:130883968-130887675
## 8163	chr9 130885456	+	G	236	chr9:130883968-130887675
## 8164	chr9 130885456	-	G	13	chr9:130883968-130887675
## 8165	chr9 130885457	+	T	237	chr9:130883968-130887675
## 8166	chr9 130885457	-	T	13	chr9:130883968-130887675
## 8167	chr9 130885458	+	G	237	chr9:130883968-130887675
## 8168	chr9 130885458	-	G	13	chr9:130883968-130887675
## 8169	chr9 130885459	+	C	236	chr9:130883968-130887675
## 8170	chr9 130885459	-	C	13	chr9:130883968-130887675
## 8171	chr9 130885460	+	T	236	chr9:130883968-130887675
## 8172	chr9 130885460	-	T	13	chr9:130883968-130887675
## 8173	chr9 130885461	+	G	237	chr9:130883968-130887675
## 8174	chr9 130885461	-	G	13	chr9:130883968-130887675
## 8175	chr9 130885462	+	G	230	chr9:130883968-130887675
## 8176	chr9 130885462	-	G	13	chr9:130883968-130887675
## 8177	chr9 130885463	+	A	236	chr9:130883968-130887675
## 8178	chr9 130885463	-	A	13	chr9:130883968-130887675
## 8179	chr9 130885464	+	G	234	chr9:130883968-130887675
## 8180	chr9 130885464	-	G	13	chr9:130883968-130887675
## 8181	chr9 130885465	+	G	236	chr9:130883968-130887675
## 8182	chr9 130885465	-	G	13	chr9:130883968-130887675
## 8183	chr9 130885466	+	C	236	chr9:130883968-130887675
## 8184	chr9 130885466	-	C	13	chr9:130883968-130887675
## 8185	chr9 130885467	+	C	232	chr9:130883968-130887675
## 8186	chr9 130885467	-	C	13	chr9:130883968-130887675
## 8187	chr9 130885468	+	G	229	chr9:130883968-130887675

## 8188	chr9 130885468	-	G	14	chr9:130883968-130887675
## 8189	chr9 130885469	+	G	235	chr9:130883968-130887675
## 8190	chr9 130885469	-	G	14	chr9:130883968-130887675
## 8191	chr9 130885470	+	C	236	chr9:130883968-130887675
## 8192	chr9 130885470	-	C	14	chr9:130883968-130887675
## 8193	chr9 130885471	+	A	236	chr9:130883968-130887675
## 8194	chr9 130885471	-	A	14	chr9:130883968-130887675
## 8195	chr9 130885472	+	A	235	chr9:130883968-130887675
## 8196	chr9 130885472	-	A	14	chr9:130883968-130887675
## 8197	chr9 130885473	+	A	234	chr9:130883968-130887675
## 8198	chr9 130885473	-	A	14	chr9:130883968-130887675
## 8199	chr9 130885474	+	A	232	chr9:130883968-130887675
## 8200	chr9 130885474	-	A	14	chr9:130883968-130887675
## 8201	chr9 130885475	+	A	232	chr9:130883968-130887675
## 8202	chr9 130885475	-	A	14	chr9:130883968-130887675
## 8203	chr9 130885476	+	C	234	chr9:130883968-130887675
## 8204	chr9 130885476	-	C	8	chr9:130883968-130887675
## 8205	chr9 130885477	+	C	240	chr9:130883968-130887675
## 8206	chr9 130885477	-	C	8	chr9:130883968-130887675
## 8207	chr9 130885478	+	T	238	chr9:130883968-130887675
## 8208	chr9 130885478	-	T	8	chr9:130883968-130887675
## 8209	chr9 130885479	+	C	227	chr9:130883968-130887675
## 8210	chr9 130885479	-	C	11	chr9:130883968-130887675
## 8211	chr9 130885480	+	T	234	chr9:130883968-130887675
## 8212	chr9 130885480	-	T	14	chr9:130883968-130887675
## 8213	chr9 130885481	+	A	233	chr9:130883968-130887675
## 8214	chr9 130885481	-	A	14	chr9:130883968-130887675
## 8215	chr9 130885482	+	C	231	chr9:130883968-130887675
## 8216	chr9 130885482	-	C	14	chr9:130883968-130887675
## 8217	chr9 130885483	+	A	230	chr9:130883968-130887675
## 8218	chr9 130885483	-	A	16	chr9:130883968-130887675
## 8219	chr9 130885484	+	C	231	chr9:130883968-130887675
## 8220	chr9 130885484	-	C	17	chr9:130883968-130887675
## 8221	chr9 130885484	+	T	1	chr9:130883968-130887675
## 8222	chr9 130885485	+	G	232	chr9:130883968-130887675
## 8223	chr9 130885485	-	G	16	chr9:130883968-130887675
## 8224	chr9 130885485	-	T	1	chr9:130883968-130887675
## 8225	chr9 130885486	+	T	233	chr9:130883968-130887675
## 8226	chr9 130885486	-	T	17	chr9:130883968-130887675
## 8227	chr9 130885487	+	T	234	chr9:130883968-130887675
## 8228	chr9 130885487	-	T	17	chr9:130883968-130887675
## 8229	chr9 130885488	+	C	233	chr9:130883968-130887675
## 8230	chr9 130885488	-	C	17	chr9:130883968-130887675
## 8231	chr9 130885489	+	T	232	chr9:130883968-130887675
## 8232	chr9 130885489	-	T	17	chr9:130883968-130887675
## 8233	chr9 130885490	+	G	233	chr9:130883968-130887675
## 8234	chr9 130885490	-	G	16	chr9:130883968-130887675
## 8235	chr9 130885490	-	T	1	chr9:130883968-130887675
## 8236	chr9 130885491	+	C	233	chr9:130883968-130887675
## 8237	chr9 130885491	-	C	17	chr9:130883968-130887675
## 8238	chr9 130885492	+	G	233	chr9:130883968-130887675
## 8239	chr9 130885492	-	G	17	chr9:130883968-130887675
## 8240	chr9 130885493	+	C	1	chr9:130883968-130887675
## 8241	chr9 130885493	+	T	231	chr9:130883968-130887675

## 8242	chr9 130885493	-	T	17	chr9:130883968-130887675
## 8243	chr9 130885494	+	G	233	chr9:130883968-130887675
## 8244	chr9 130885494	-	G	17	chr9:130883968-130887675
## 8245	chr9 130885495	+	A	231	chr9:130883968-130887675
## 8246	chr9 130885495	-	A	17	chr9:130883968-130887675
## 8247	chr9 130885496	+	G	226	chr9:130883968-130887675
## 8248	chr9 130885496	-	G	17	chr9:130883968-130887675
## 8249	chr9 130885496	+	T	2	chr9:130883968-130887675
## 8250	chr9 130885497	+	C	228	chr9:130883968-130887675
## 8251	chr9 130885497	-	C	17	chr9:130883968-130887675
## 8252	chr9 130885498	+	T	229	chr9:130883968-130887675
## 8253	chr9 130885498	-	T	17	chr9:130883968-130887675
## 8254	chr9 130885499	+	A	231	chr9:130883968-130887675
## 8255	chr9 130885499	-	A	17	chr9:130883968-130887675
## 8256	chr9 130885500	+	T	231	chr9:130883968-130887675
## 8257	chr9 130885500	-	T	16	chr9:130883968-130887675
## 8258	chr9 130885501	+	G	226	chr9:130883968-130887675
## 8259	chr9 130885501	-	G	10	chr9:130883968-130887675
## 8260	chr9 130885502	+	-	2	chr9:130883968-130887675
## 8261	chr9 130885502	+	T	227	chr9:130883968-130887675
## 8262	chr9 130885502	-	T	13	chr9:130883968-130887675
## 8263	chr9 130885503	+	A	2	chr9:130883968-130887675
## 8264	chr9 130885503	+	G	234	chr9:130883968-130887675
## 8265	chr9 130885503	-	G	13	chr9:130883968-130887675
## 8266	chr9 130885504	+	A	1	chr9:130883968-130887675
## 8267	chr9 130885504	+	G	227	chr9:130883968-130887675
## 8268	chr9 130885504	-	G	13	chr9:130883968-130887675
## 8269	chr9 130885505	+	A	227	chr9:130883968-130887675
## 8270	chr9 130885505	-	A	16	chr9:130883968-130887675
## 8271	chr9 130885506	+	T	234	chr9:130883968-130887675
## 8272	chr9 130885506	-	T	16	chr9:130883968-130887675
## 8273	chr9 130885507	+	C	2	chr9:130883968-130887675
## 8274	chr9 130885507	+	T	232	chr9:130883968-130887675
## 8275	chr9 130885507	-	T	16	chr9:130883968-130887675
## 8276	chr9 130885508	+	C	233	chr9:130883968-130887675
## 8277	chr9 130885508	-	C	16	chr9:130883968-130887675
## 8278	chr9 130885508	+	G	2	chr9:130883968-130887675
## 8279	chr9 130885509	+	C	230	chr9:130883968-130887675
## 8280	chr9 130885509	-	C	16	chr9:130883968-130887675
## 8281	chr9 130885510	+	A	231	chr9:130883968-130887675
## 8282	chr9 130885510	-	A	16	chr9:130883968-130887675
## 8283	chr9 130885511	+	G	1	chr9:130883968-130887675
## 8284	chr9 130885511	+	T	234	chr9:130883968-130887675
## 8285	chr9 130885511	-	T	16	chr9:130883968-130887675
## 8286	chr9 130885512	+	C	236	chr9:130883968-130887675
## 8287	chr9 130885512	-	C	16	chr9:130883968-130887675
## 8288	chr9 130885513	+	C	236	chr9:130883968-130887675
## 8289	chr9 130885513	-	C	16	chr9:130883968-130887675
## 8290	chr9 130885514	+	A	235	chr9:130883968-130887675
## 8291	chr9 130885514	-	A	16	chr9:130883968-130887675
## 8292	chr9 130885515	+	C	1	chr9:130883968-130887675
## 8293	chr9 130885515	+	G	233	chr9:130883968-130887675
## 8294	chr9 130885515	-	G	16	chr9:130883968-130887675
## 8295	chr9 130885516	+	C	234	chr9:130883968-130887675

## 8296	chr9 130885516	-	C	16	chr9:130883968-130887675
## 8297	chr9 130885517	+	A	234	chr9:130883968-130887675
## 8298	chr9 130885517	-	A	16	chr9:130883968-130887675
## 8299	chr9 130885518	+	A	232	chr9:130883968-130887675
## 8300	chr9 130885518	-	A	16	chr9:130883968-130887675
## 8301	chr9 130885519	+	A	234	chr9:130883968-130887675
## 8302	chr9 130885519	-	A	16	chr9:130883968-130887675
## 8303	chr9 130885520	+	T	230	chr9:130883968-130887675
## 8304	chr9 130885520	-	T	16	chr9:130883968-130887675
## 8305	chr9 130885521	+	G	231	chr9:130883968-130887675
## 8306	chr9 130885521	-	G	16	chr9:130883968-130887675
## 8307	chr9 130885521	+	T	3	chr9:130883968-130887675
## 8308	chr9 130885522	+	A	228	chr9:130883968-130887675
## 8309	chr9 130885522	-	A	16	chr9:130883968-130887675
## 8310	chr9 130885522	+	C	1	chr9:130883968-130887675
## 8311	chr9 130885522	+	T	1	chr9:130883968-130887675
## 8312	chr9 130885523	+	G	218	chr9:130883968-130887675
## 8313	chr9 130885523	-	G	16	chr9:130883968-130887675
## 8314	chr9 130885524	+	G	222	chr9:130883968-130887675
## 8315	chr9 130885524	-	G	17	chr9:130883968-130887675
## 8316	chr9 130885525	+	A	224	chr9:130883968-130887675
## 8317	chr9 130885525	-	A	26	chr9:130883968-130887675
## 8318	chr9 130885526	+	A	225	chr9:130883968-130887675
## 8319	chr9 130885526	-	A	25	chr9:130883968-130887675
## 8320	chr9 130885526	-	T	1	chr9:130883968-130887675
## 8321	chr9 130885527	+	C	225	chr9:130883968-130887675
## 8322	chr9 130885527	-	C	26	chr9:130883968-130887675
## 8323	chr9 130885528	+	A	225	chr9:130883968-130887675
## 8324	chr9 130885528	-	A	26	chr9:130883968-130887675
## 8325	chr9 130885529	+	A	225	chr9:130883968-130887675
## 8326	chr9 130885529	-	A	26	chr9:130883968-130887675
## 8327	chr9 130885530	+	G	225	chr9:130883968-130887675
## 8328	chr9 130885530	-	G	26	chr9:130883968-130887675
## 8329	chr9 130885531	+	T	225	chr9:130883968-130887675
## 8330	chr9 130885531	-	T	26	chr9:130883968-130887675
## 8331	chr9 130885532	+	T	225	chr9:130883968-130887675
## 8332	chr9 130885532	-	T	26	chr9:130883968-130887675
## 8333	chr9 130885533	+	T	225	chr9:130883968-130887675
## 8334	chr9 130885533	-	T	26	chr9:130883968-130887675
## 8335	chr9 130885534	+	G	225	chr9:130883968-130887675
## 8336	chr9 130885534	-	G	26	chr9:130883968-130887675
## 8337	chr9 130885535	+	C	224	chr9:130883968-130887675
## 8338	chr9 130885535	-	C	26	chr9:130883968-130887675
## 8339	chr9 130885536	+	C	223	chr9:130883968-130887675
## 8340	chr9 130885536	-	C	26	chr9:130883968-130887675
## 8341	chr9 130885537	+	T	224	chr9:130883968-130887675
## 8342	chr9 130885537	-	T	26	chr9:130883968-130887675
## 8343	chr9 130885538	+	T	217	chr9:130883968-130887675
## 8344	chr9 130885538	-	T	26	chr9:130883968-130887675
## 8345	chr9 130885539	+	C	223	chr9:130883968-130887675
## 8346	chr9 130885539	-	C	25	chr9:130883968-130887675
## 8347	chr9 130885540	+	C	222	chr9:130883968-130887675
## 8348	chr9 130885540	-	C	25	chr9:130883968-130887675
## 8349	chr9 130885541	+	G	224	chr9:130883968-130887675

## 8350	chr9 130885541	-	G	25	chr9:130883968-130887675
## 8351	chr9 130885542	+	A	224	chr9:130883968-130887675
## 8352	chr9 130885542	-	A	25	chr9:130883968-130887675
## 8353	chr9 130885543	+	G	221	chr9:130883968-130887675
## 8354	chr9 130885543	-	G	24	chr9:130883968-130887675
## 8355	chr9 130885544	+	A	219	chr9:130883968-130887675
## 8356	chr9 130885544	-	A	24	chr9:130883968-130887675
## 8357	chr9 130885545	+	G	225	chr9:130883968-130887675
## 8358	chr9 130885545	-	G	24	chr9:130883968-130887675
## 8359	chr9 130885546	+	G	225	chr9:130883968-130887675
## 8360	chr9 130885546	-	G	24	chr9:130883968-130887675
## 8361	chr9 130885546	+	T	1	chr9:130883968-130887675
## 8362	chr9 130885547	+	C	226	chr9:130883968-130887675
## 8363	chr9 130885547	-	C	24	chr9:130883968-130887675
## 8364	chr9 130885548	+	C	224	chr9:130883968-130887675
## 8365	chr9 130885548	-	C	24	chr9:130883968-130887675
## 8366	chr9 130885549	+	A	225	chr9:130883968-130887675
## 8367	chr9 130885549	-	A	24	chr9:130883968-130887675
## 8368	chr9 130885550	+	T	222	chr9:130883968-130887675
## 8369	chr9 130885550	-	T	24	chr9:130883968-130887675
## 8370	chr9 130885551	+	C	220	chr9:130883968-130887675
## 8371	chr9 130885551	-	C	26	chr9:130883968-130887675
## 8372	chr9 130885552	+	A	212	chr9:130883968-130887675
## 8373	chr9 130885552	-	A	31	chr9:130883968-130887675
## 8374	chr9 130885553	+	A	215	chr9:130883968-130887675
## 8375	chr9 130885553	-	A	31	chr9:130883968-130887675
## 8376	chr9 130885553	+	G	1	chr9:130883968-130887675
## 8377	chr9 130885554	+	C	218	chr9:130883968-130887675
## 8378	chr9 130885554	-	C	28	chr9:130883968-130887675
## 8379	chr9 130885555	+	A	213	chr9:130883968-130887675
## 8380	chr9 130885555	-	A	26	chr9:130883968-130887675
## 8381	chr9 130885556	+	A	222	chr9:130883968-130887675
## 8382	chr9 130885556	-	A	26	chr9:130883968-130887675
## 8383	chr9 130885557	+	A	221	chr9:130883968-130887675
## 8384	chr9 130885557	-	A	26	chr9:130883968-130887675
## 8385	chr9 130885558	+	C	221	chr9:130883968-130887675
## 8386	chr9 130885558	-	C	24	chr9:130883968-130887675
## 8387	chr9 130885559	+	T	223	chr9:130883968-130887675
## 8388	chr9 130885559	-	T	23	chr9:130883968-130887675
## 8389	chr9 130885560	+	G	226	chr9:130883968-130887675
## 8390	chr9 130885560	-	G	23	chr9:130883968-130887675
## 8391	chr9 130885561	+	G	226	chr9:130883968-130887675
## 8392	chr9 130885561	-	G	23	chr9:130883968-130887675
## 8393	chr9 130885562	+	A	227	chr9:130883968-130887675
## 8394	chr9 130885562	-	A	23	chr9:130883968-130887675
## 8395	chr9 130885563	+	G	227	chr9:130883968-130887675
## 8396	chr9 130885563	-	G	23	chr9:130883968-130887675
## 8397	chr9 130885564	+	A	227	chr9:130883968-130887675
## 8398	chr9 130885564	-	A	23	chr9:130883968-130887675
## 8399	chr9 130885565	+	A	226	chr9:130883968-130887675
## 8400	chr9 130885565	-	A	23	chr9:130883968-130887675
## 8401	chr9 130885566	+	T	227	chr9:130883968-130887675
## 8402	chr9 130885566	-	T	23	chr9:130883968-130887675
## 8403	chr9 130885567	+	A	227	chr9:130883968-130887675

## 8404	chr9 130885567	-	A	23	chr9:130883968-130887675
## 8405	chr9 130885568	+	A	227	chr9:130883968-130887675
## 8406	chr9 130885568	-	A	23	chr9:130883968-130887675
## 8407	chr9 130885569	+	T	226	chr9:130883968-130887675
## 8408	chr9 130885569	-	T	23	chr9:130883968-130887675
## 8409	chr9 130885570	+	C	227	chr9:130883968-130887675
## 8410	chr9 130885570	-	C	23	chr9:130883968-130887675
## 8411	chr9 130885571	+	C	1	chr9:130883968-130887675
## 8412	chr9 130885571	+	T	223	chr9:130883968-130887675
## 8413	chr9 130885571	-	T	23	chr9:130883968-130887675
## 8414	chr9 130885572	+	C	224	chr9:130883968-130887675
## 8415	chr9 130885572	-	C	23	chr9:130883968-130887675
## 8416	chr9 130885573	+	C	221	chr9:130883968-130887675
## 8417	chr9 130885573	-	C	23	chr9:130883968-130887675
## 8418	chr9 130885573	+	T	1	chr9:130883968-130887675
## 8419	chr9 130885574	-	A	1	chr9:130883968-130887675
## 8420	chr9 130885574	+	G	223	chr9:130883968-130887675
## 8421	chr9 130885574	-	G	22	chr9:130883968-130887675
## 8422	chr9 130885575	+	G	225	chr9:130883968-130887675
## 8423	chr9 130885575	-	G	23	chr9:130883968-130887675
## 8424	chr9 130885576	+	G	224	chr9:130883968-130887675
## 8425	chr9 130885576	-	G	23	chr9:130883968-130887675
## 8426	chr9 130885577	+	A	216	chr9:130883968-130887675
## 8427	chr9 130885577	-	A	20	chr9:130883968-130887675
## 8428	chr9 130885578	+	G	222	chr9:130883968-130887675
## 8429	chr9 130885578	-	G	20	chr9:130883968-130887675
## 8430	chr9 130885579	+	C	229	chr9:130883968-130887675
## 8431	chr9 130885579	-	C	20	chr9:130883968-130887675
## 8432	chr9 130885580	+	T	224	chr9:130883968-130887675
## 8433	chr9 130885580	-	T	17	chr9:130883968-130887675
## 8434	chr9 130885581	+	T	226	chr9:130883968-130887675
## 8435	chr9 130885581	-	T	17	chr9:130883968-130887675
## 8436	chr9 130885582	+	C	233	chr9:130883968-130887675
## 8437	chr9 130885582	-	C	17	chr9:130883968-130887675
## 8438	chr9 130885583	+	A	233	chr9:130883968-130887675
## 8439	chr9 130885583	-	A	17	chr9:130883968-130887675
## 8440	chr9 130885584	+	G	233	chr9:130883968-130887675
## 8441	chr9 130885584	-	G	17	chr9:130883968-130887675
## 8442	chr9 130885585	+	A	229	chr9:130883968-130887675
## 8443	chr9 130885585	-	A	17	chr9:130883968-130887675
## 8444	chr9 130885586	+	T	230	chr9:130883968-130887675
## 8445	chr9 130885586	-	T	17	chr9:130883968-130887675
## 8446	chr9 130885587	+	C	233	chr9:130883968-130887675
## 8447	chr9 130885587	-	C	17	chr9:130883968-130887675
## 8448	chr9 130885588	+	T	233	chr9:130883968-130887675
## 8449	chr9 130885588	-	T	17	chr9:130883968-130887675
## 8450	chr9 130885589	+	G	233	chr9:130883968-130887675
## 8451	chr9 130885589	-	G	17	chr9:130883968-130887675
## 8452	chr9 130885590	+	C	232	chr9:130883968-130887675
## 8453	chr9 130885590	-	C	17	chr9:130883968-130887675
## 8454	chr9 130885590	+	T	1	chr9:130883968-130887675
## 8455	chr9 130885591	+	C	233	chr9:130883968-130887675
## 8456	chr9 130885591	-	C	17	chr9:130883968-130887675
## 8457	chr9 130885592	+	C	233	chr9:130883968-130887675

## 8458	chr9 130885592	-	C	17	chr9:130883968-130887675
## 8459	chr9 130885593	+	G	233	chr9:130883968-130887675
## 8460	chr9 130885593	-	G	17	chr9:130883968-130887675
## 8461	chr9 130885594	+	G	231	chr9:130883968-130887675
## 8462	chr9 130885594	-	G	16	chr9:130883968-130887675
## 8463	chr9 130885595	+	C	234	chr9:130883968-130887675
## 8464	chr9 130885595	-	C	16	chr9:130883968-130887675
## 8465	chr9 130885596	+	G	230	chr9:130883968-130887675
## 8466	chr9 130885596	-	G	16	chr9:130883968-130887675
## 8467	chr9 130885597	+	A	234	chr9:130883968-130887675
## 8468	chr9 130885597	-	A	16	chr9:130883968-130887675
## 8469	chr9 130885598	+	C	230	chr9:130883968-130887675
## 8470	chr9 130885598	-	C	16	chr9:130883968-130887675
## 8471	chr9 130885599	+	A	229	chr9:130883968-130887675
## 8472	chr9 130885599	-	A	15	chr9:130883968-130887675
## 8473	chr9 130885600	+	G	233	chr9:130883968-130887675
## 8474	chr9 130885600	-	G	7	chr9:130883968-130887675
## 8475	chr9 130885601	+	C	243	chr9:130883968-130887675
## 8476	chr9 130885601	-	C	7	chr9:130883968-130887675
## 8477	chr9 130885602	+	A	243	chr9:130883968-130887675
## 8478	chr9 130885602	-	A	7	chr9:130883968-130887675
## 8479	chr9 130885603	+	G	243	chr9:130883968-130887675
## 8480	chr9 130885603	-	G	7	chr9:130883968-130887675
## 8481	chr9 130885604	+	G	243	chr9:130883968-130887675
## 8482	chr9 130885604	-	G	7	chr9:130883968-130887675
## 8483	chr9 130885605	+	C	243	chr9:130883968-130887675
## 8484	chr9 130885605	-	C	7	chr9:130883968-130887675
## 8485	chr9 130885606	+	A	243	chr9:130883968-130887675
## 8486	chr9 130885606	-	A	7	chr9:130883968-130887675
## 8487	chr9 130885607	+	G	243	chr9:130883968-130887675
## 8488	chr9 130885607	-	G	7	chr9:130883968-130887675
## 8489	chr9 130885608	+	A	2	chr9:130883968-130887675
## 8490	chr9 130885608	+	T	241	chr9:130883968-130887675
## 8491	chr9 130885608	-	T	7	chr9:130883968-130887675
## 8492	chr9 130885609	+	G	243	chr9:130883968-130887675
## 8493	chr9 130885609	-	G	7	chr9:130883968-130887675
## 8494	chr9 130885610	+	G	243	chr9:130883968-130887675
## 8495	chr9 130885610	-	G	7	chr9:130883968-130887675
## 8496	chr9 130885611	+	T	243	chr9:130883968-130887675
## 8497	chr9 130885611	-	T	7	chr9:130883968-130887675
## 8498	chr9 130885612	+	C	242	chr9:130883968-130887675
## 8499	chr9 130885612	-	C	7	chr9:130883968-130887675
## 8500	chr9 130885613	+	C	242	chr9:130883968-130887675
## 8501	chr9 130885613	-	C	7	chr9:130883968-130887675
## 8502	chr9 130885614	+	A	123	chr9:130883968-130887675
## 8503	chr9 130885614	-	A	5	chr9:130883968-130887675
## 8504	chr9 130885614	+	G	112	chr9:130883968-130887675
## 8505	chr9 130885614	-	G	2	chr9:130883968-130887675
## 8506	chr9 130885615	+	G	241	chr9:130883968-130887675
## 8507	chr9 130885615	-	G	7	chr9:130883968-130887675
## 8508	chr9 130885616	+	C	240	chr9:130883968-130887675
## 8509	chr9 130885616	-	C	7	chr9:130883968-130887675
## 8510	chr9 130885617	+	G	242	chr9:130883968-130887675
## 8511	chr9 130885617	-	G	7	chr9:130883968-130887675

## 8512	chr9 130885618	+	G	242	chr9:130883968-130887675
## 8513	chr9 130885618	-	G	7	chr9:130883968-130887675
## 8514	chr9 130885619	+	C	238	chr9:130883968-130887675
## 8515	chr9 130885619	-	C	7	chr9:130883968-130887675
## 8516	chr9 130885620	+	A	1	chr9:130883968-130887675
## 8517	chr9 130885620	+	C	235	chr9:130883968-130887675
## 8518	chr9 130885620	-	C	7	chr9:130883968-130887675
## 8519	chr9 130885621	+	A	242	chr9:130883968-130887675
## 8520	chr9 130885621	-	A	7	chr9:130883968-130887675
## 8521	chr9 130885622	+	C	243	chr9:130883968-130887675
## 8522	chr9 130885622	-	C	7	chr9:130883968-130887675
## 8523	chr9 130885623	+	T	243	chr9:130883968-130887675
## 8524	chr9 130885623	-	T	7	chr9:130883968-130887675
## 8525	chr9 130885624	+	C	241	chr9:130883968-130887675
## 8526	chr9 130885624	-	C	7	chr9:130883968-130887675
## 8527	chr9 130885625	+	A	242	chr9:130883968-130887675
## 8528	chr9 130885625	-	A	7	chr9:130883968-130887675
## 8529	chr9 130885626	+	G	241	chr9:130883968-130887675
## 8530	chr9 130885626	-	G	5	chr9:130883968-130887675
## 8531	chr9 130885627	+	G	246	chr9:130883968-130887675
## 8532	chr9 130885628	+	A	242	chr9:130883968-130887675
## 8533	chr9 130885629	+	C	248	chr9:130883968-130887675
## 8534	chr9 130885630	+	T	246	chr9:130883968-130887675
## 8535	chr9 130885631	+	T	240	chr9:130883968-130887675
## 8536	chr9 130885632	+	A	1	chr9:130883968-130887675
## 8537	chr9 130885632	+	C	241	chr9:130883968-130887675
## 8538	chr9 130885632	-	C	6	chr9:130883968-130887675
## 8539	chr9 130885633	+	A	241	chr9:130883968-130887675
## 8540	chr9 130885633	-	A	6	chr9:130883968-130887675
## 8541	chr9 130885634	+	G	239	chr9:130883968-130887675
## 8542	chr9 130885634	-	G	6	chr9:130883968-130887675
## 8543	chr9 130885635	+	C	240	chr9:130883968-130887675
## 8544	chr9 130885635	-	C	6	chr9:130883968-130887675
## 8545	chr9 130885635	+	T	1	chr9:130883968-130887675
## 8546	chr9 130885636	+	A	243	chr9:130883968-130887675
## 8547	chr9 130885636	-	A	6	chr9:130883968-130887675
## 8548	chr9 130885637	+	A	243	chr9:130883968-130887675
## 8549	chr9 130885637	-	A	6	chr9:130883968-130887675
## 8550	chr9 130885638	+	G	244	chr9:130883968-130887675
## 8551	chr9 130885638	-	G	6	chr9:130883968-130887675
## 8552	chr9 130885639	+	C	244	chr9:130883968-130887675
## 8553	chr9 130885639	-	C	6	chr9:130883968-130887675
## 8554	chr9 130885640	+	T	244	chr9:130883968-130887675
## 8555	chr9 130885640	-	T	6	chr9:130883968-130887675
## 8556	chr9 130885641	+	C	243	chr9:130883968-130887675
## 8557	chr9 130885641	-	C	6	chr9:130883968-130887675
## 8558	chr9 130885642	+	C	244	chr9:130883968-130887675
## 8559	chr9 130885642	-	C	6	chr9:130883968-130887675
## 8560	chr9 130885643	+	T	244	chr9:130883968-130887675
## 8561	chr9 130885643	-	T	6	chr9:130883968-130887675
## 8562	chr9 130885644	+	A	1	chr9:130883968-130887675
## 8563	chr9 130885644	+	C	243	chr9:130883968-130887675
## 8564	chr9 130885644	-	C	6	chr9:130883968-130887675
## 8565	chr9 130885645	+	A	243	chr9:130883968-130887675

## 8566	chr9 130885645	-	A	6	chr9:130883968-130887675
## 8567	chr9 130885646	+	G	244	chr9:130883968-130887675
## 8568	chr9 130885646	-	G	6	chr9:130883968-130887675
## 8569	chr9 130885647	+	T	241	chr9:130883968-130887675
## 8570	chr9 130885647	-	T	6	chr9:130883968-130887675
## 8571	chr9 130885648	+	T	237	chr9:130883968-130887675
## 8572	chr9 130885648	-	T	10	chr9:130883968-130887675
## 8573	chr9 130885649	+	C	233	chr9:130883968-130887675
## 8574	chr9 130885649	-	C	11	chr9:130883968-130887675
## 8575	chr9 130885649	+	T	1	chr9:130883968-130887675
## 8576	chr9 130885650	-	C	1	chr9:130883968-130887675
## 8577	chr9 130885650	+	G	234	chr9:130883968-130887675
## 8578	chr9 130885650	-	G	11	chr9:130883968-130887675
## 8579	chr9 130885651	+	A	1	chr9:130883968-130887675
## 8580	chr9 130885651	+	G	230	chr9:130883968-130887675
## 8581	chr9 130885651	-	G	15	chr9:130883968-130887675
## 8582	chr9 130885652	+	T	231	chr9:130883968-130887675
## 8583	chr9 130885652	-	T	15	chr9:130883968-130887675
## 8584	chr9 130885653	+	G	222	chr9:130883968-130887675
## 8585	chr9 130885653	-	G	15	chr9:130883968-130887675
## 8586	chr9 130885654	+	A	218	chr9:130883968-130887675
## 8587	chr9 130885654	-	A	24	chr9:130883968-130887675
## 8588	chr9 130885655	+	A	221	chr9:130883968-130887675
## 8589	chr9 130885655	-	A	26	chr9:130883968-130887675
## 8590	chr9 130885656	+	G	215	chr9:130883968-130887675
## 8591	chr9 130885656	-	G	26	chr9:130883968-130887675
## 8592	chr9 130885657	+	G	216	chr9:130883968-130887675
## 8593	chr9 130885657	-	G	27	chr9:130883968-130887675
## 8594	chr9 130885658	+	A	223	chr9:130883968-130887675
## 8595	chr9 130885658	-	A	27	chr9:130883968-130887675
## 8596	chr9 130885659	+	A	222	chr9:130883968-130887675
## 8597	chr9 130885659	-	A	27	chr9:130883968-130887675
## 8598	chr9 130885660	+	A	222	chr9:130883968-130887675
## 8599	chr9 130885660	-	A	27	chr9:130883968-130887675
## 8600	chr9 130885661	+	T	220	chr9:130883968-130887675
## 8601	chr9 130885661	-	T	27	chr9:130883968-130887675
## 8602	chr9 130885662	+	C	218	chr9:130883968-130887675
## 8603	chr9 130885662	-	C	29	chr9:130883968-130887675
## 8604	chr9 130885663	+	A	220	chr9:130883968-130887675
## 8605	chr9 130885663	-	A	30	chr9:130883968-130887675
## 8606	chr9 130885664	+	G	220	chr9:130883968-130887675
## 8607	chr9 130885664	-	G	30	chr9:130883968-130887675
## 8608	chr9 130885665	+	T	220	chr9:130883968-130887675
## 8609	chr9 130885665	-	T	30	chr9:130883968-130887675
## 8610	chr9 130885666	+	G	219	chr9:130883968-130887675
## 8611	chr9 130885666	-	G	31	chr9:130883968-130887675
## 8612	chr9 130885667	+	A	219	chr9:130883968-130887675
## 8613	chr9 130885667	-	A	31	chr9:130883968-130887675
## 8614	chr9 130885668	+	C	218	chr9:130883968-130887675
## 8615	chr9 130885668	-	C	32	chr9:130883968-130887675
## 8616	chr9 130885669	+	A	217	chr9:130883968-130887675
## 8617	chr9 130885669	-	A	33	chr9:130883968-130887675
## 8618	chr9 130885670	+	T	213	chr9:130883968-130887675
## 8619	chr9 130885670	-	T	34	chr9:130883968-130887675

## 8620	chr9 130885671	+	A	212	chr9:130883968-130887675
## 8621	chr9 130885671	-	A	38	chr9:130883968-130887675
## 8622	chr9 130885672	+	G	208	chr9:130883968-130887675
## 8623	chr9 130885672	-	G	38	chr9:130883968-130887675
## 8624	chr9 130885673	+	A	1	chr9:130883968-130887675
## 8625	chr9 130885673	+	T	206	chr9:130883968-130887675
## 8626	chr9 130885673	-	T	42	chr9:130883968-130887675
## 8627	chr9 130885674	+	G	202	chr9:130883968-130887675
## 8628	chr9 130885674	-	G	44	chr9:130883968-130887675
## 8629	chr9 130885675	+	C	195	chr9:130883968-130887675
## 8630	chr9 130885675	-	C	49	chr9:130883968-130887675
## 8631	chr9 130885676	+	A	185	chr9:130883968-130887675
## 8632	chr9 130885676	-	A	56	chr9:130883968-130887675
## 8633	chr9 130885677	+	G	184	chr9:130883968-130887675
## 8634	chr9 130885677	-	G	66	chr9:130883968-130887675
## 8635	chr9 130885678	+	A	184	chr9:130883968-130887675
## 8636	chr9 130885678	-	A	66	chr9:130883968-130887675
## 8637	chr9 130885679	+	G	184	chr9:130883968-130887675
## 8638	chr9 130885679	-	G	66	chr9:130883968-130887675
## 8639	chr9 130885680	+	G	183	chr9:130883968-130887675
## 8640	chr9 130885680	-	G	67	chr9:130883968-130887675
## 8641	chr9 130885681	+	T	183	chr9:130883968-130887675
## 8642	chr9 130885681	-	T	67	chr9:130883968-130887675
## 8643	chr9 130885682	+	A	182	chr9:130883968-130887675
## 8644	chr9 130885682	-	A	68	chr9:130883968-130887675
## 8645	chr9 130885683	+	G	181	chr9:130883968-130887675
## 8646	chr9 130885683	-	G	69	chr9:130883968-130887675
## 8647	chr9 130885684	+	C	180	chr9:130883968-130887675
## 8648	chr9 130885684	-	C	70	chr9:130883968-130887675
## 8649	chr9 130885685	+	A	179	chr9:130883968-130887675
## 8650	chr9 130885685	-	A	71	chr9:130883968-130887675
## 8651	chr9 130885686	+	G	178	chr9:130883968-130887675
## 8652	chr9 130885686	-	G	72	chr9:130883968-130887675
## 8653	chr9 130885687	+	C	177	chr9:130883968-130887675
## 8654	chr9 130885687	-	C	73	chr9:130883968-130887675
## 8655	chr9 130885688	+	A	175	chr9:130883968-130887675
## 8656	chr9 130885688	-	A	74	chr9:130883968-130887675
## 8657	chr9 130885689	+	G	173	chr9:130883968-130887675
## 8658	chr9 130885689	-	G	76	chr9:130883968-130887675
## 8659	chr9 130885690	+	T	164	chr9:130883968-130887675
## 8660	chr9 130885690	-	T	78	chr9:130883968-130887675
## 8661	chr9 130885691	+	C	161	chr9:130883968-130887675
## 8662	chr9 130885691	-	C	87	chr9:130883968-130887675
## 8663	chr9 130885692	+	A	157	chr9:130883968-130887675
## 8664	chr9 130885692	-	A	90	chr9:130883968-130887675
## 8665	chr9 130885693	+	G	154	chr9:130883968-130887675
## 8666	chr9 130885693	-	G	94	chr9:130883968-130887675
## 8667	chr9 130885694	+	G	153	chr9:130883968-130887675
## 8668	chr9 130885694	-	G	96	chr9:130883968-130887675
## 8669	chr9 130885694	-	T	1	chr9:130883968-130887675
## 8670	chr9 130885695	+	G	147	chr9:130883968-130887675
## 8671	chr9 130885695	-	G	98	chr9:130883968-130887675
## 8672	chr9 130885696	+	G	139	chr9:130883968-130887675
## 8673	chr9 130885696	-	G	104	chr9:130883968-130887675

## 8674	chr9 130885697	-	G	2	chr9:130883968-130887675
## 8675	chr9 130885697	+	T	137	chr9:130883968-130887675
## 8676	chr9 130885697	-	T	107	chr9:130883968-130887675
## 8677	chr9 130885698	+	C	136	chr9:130883968-130887675
## 8678	chr9 130885698	-	C	114	chr9:130883968-130887675
## 8679	chr9 130885699	+	A	135	chr9:130883968-130887675
## 8680	chr9 130885699	-	A	115	chr9:130883968-130887675
## 8681	chr9 130885700	-	A	1	chr9:130883968-130887675
## 8682	chr9 130885700	+	G	132	chr9:130883968-130887675
## 8683	chr9 130885700	-	G	115	chr9:130883968-130887675
## 8684	chr9 130885701	+	G	130	chr9:130883968-130887675
## 8685	chr9 130885701	-	G	119	chr9:130883968-130887675
## 8686	chr9 130885702	-	G	2	chr9:130883968-130887675
## 8687	chr9 130885702	+	T	125	chr9:130883968-130887675
## 8688	chr9 130885702	-	T	119	chr9:130883968-130887675
## 8689	chr9 130885703	-	A	2	chr9:130883968-130887675
## 8690	chr9 130885703	+	G	120	chr9:130883968-130887675
## 8691	chr9 130885703	-	G	123	chr9:130883968-130887675
## 8692	chr9 130885704	+	T	111	chr9:130883968-130887675
## 8693	chr9 130885704	-	T	129	chr9:130883968-130887675
## 8694	chr9 130885705	+	C	108	chr9:130883968-130887675
## 8695	chr9 130885705	-	C	140	chr9:130883968-130887675
## 8696	chr9 130885706	+	A	102	chr9:130883968-130887675
## 8697	chr9 130885706	-	A	143	chr9:130883968-130887675
## 8698	chr9 130885707	+	G	97	chr9:130883968-130887675
## 8699	chr9 130885707	-	G	143	chr9:130883968-130887675
## 8700	chr9 130885708	+	G	94	chr9:130883968-130887675
## 8701	chr9 130885708	-	G	152	chr9:130883968-130887675
## 8702	chr9 130885709	+	C	90	chr9:130883968-130887675
## 8703	chr9 130885709	-	C	157	chr9:130883968-130887675
## 8704	chr9 130885710	+	C	84	chr9:130883968-130887675
## 8705	chr9 130885710	-	C	161	chr9:130883968-130887675
## 8706	chr9 130885711	+	C	80	chr9:130883968-130887675
## 8707	chr9 130885711	-	C	166	chr9:130883968-130887675
## 8708	chr9 130885712	+	G	78	chr9:130883968-130887675
## 8709	chr9 130885712	-	G	171	chr9:130883968-130887675
## 8710	chr9 130885713	+	T	76	chr9:130883968-130887675
## 8711	chr9 130885713	-	T	173	chr9:130883968-130887675
## 8712	chr9 130885714	+	C	74	chr9:130883968-130887675
## 8713	chr9 130885714	-	C	174	chr9:130883968-130887675
## 8714	chr9 130885714	+	T	1	chr9:130883968-130887675
## 8715	chr9 130885714	-	T	1	chr9:130883968-130887675
## 8716	chr9 130885715	+	G	74	chr9:130883968-130887675
## 8717	chr9 130885715	-	G	176	chr9:130883968-130887675
## 8718	chr9 130885716	+	G	73	chr9:130883968-130887675
## 8719	chr9 130885716	-	G	177	chr9:130883968-130887675
## 8720	chr9 130885717	+	A	71	chr9:130883968-130887675
## 8721	chr9 130885717	-	A	177	chr9:130883968-130887675
## 8722	chr9 130885717	-	G	1	chr9:130883968-130887675
## 8723	chr9 130885718	+	G	70	chr9:130883968-130887675
## 8724	chr9 130885718	-	G	180	chr9:130883968-130887675
## 8725	chr9 130885719	+	C	69	chr9:130883968-130887675
## 8726	chr9 130885719	-	C	181	chr9:130883968-130887675
## 8727	chr9 130885720	+	T	68	chr9:130883968-130887675

## 8728	chr9 130885720	-	T	182	chr9:130883968-130887675
## 8729	chr9 130885721	+	G	66	chr9:130883968-130887675
## 8730	chr9 130885721	-	G	183	chr9:130883968-130887675
## 8731	chr9 130885722	+	C	65	chr9:130883968-130887675
## 8732	chr9 130885722	-	C	182	chr9:130883968-130887675
## 8733	chr9 130885723	+	C	65	chr9:130883968-130887675
## 8734	chr9 130885723	-	C	178	chr9:130883968-130887675
## 8735	chr9 130885724	+	T	62	chr9:130883968-130887675
## 8736	chr9 130885724	-	T	181	chr9:130883968-130887675
## 8737	chr9 130885725	+	G	57	chr9:130883968-130887675
## 8738	chr9 130885725	-	G	181	chr9:130883968-130887675
## 8739	chr9 130885726	+	C	57	chr9:130883968-130887675
## 8740	chr9 130885726	-	C	189	chr9:130883968-130887675
## 8741	chr9 130885727	+	A	52	chr9:130883968-130887675
## 8742	chr9 130885727	-	A	194	chr9:130883968-130887675
## 8743	chr9 130885728	+	G	47	chr9:130883968-130887675
## 8744	chr9 130885728	-	G	199	chr9:130883968-130887675
## 8745	chr9 130885729	+	C	42	chr9:130883968-130887675
## 8746	chr9 130885729	-	C	193	chr9:130883968-130887675
## 8747	chr9 130885729	-	T	1	chr9:130883968-130887675
## 8748	chr9 130885730	+	A	38	chr9:130883968-130887675
## 8749	chr9 130885730	-	A	197	chr9:130883968-130887675
## 8750	chr9 130885731	+	C	34	chr9:130883968-130887675
## 8751	chr9 130885731	-	C	202	chr9:130883968-130887675
## 8752	chr9 130885732	+	A	24	chr9:130883968-130887675
## 8753	chr9 130885732	-	A	216	chr9:130883968-130887675
## 8754	chr9 130885733	+	T	17	chr9:130883968-130887675
## 8755	chr9 130885733	-	T	219	chr9:130883968-130887675
## 8756	chr9 130885734	+	G	16	chr9:130883968-130887675
## 8757	chr9 130885734	-	G	223	chr9:130883968-130887675
## 8758	chr9 130885735	+	C	14	chr9:130883968-130887675
## 8759	chr9 130885735	-	C	224	chr9:130883968-130887675
## 8760	chr9 130885736	-	A	1	chr9:130883968-130887675
## 8761	chr9 130885736	+	G	12	chr9:130883968-130887675
## 8762	chr9 130885736	-	G	225	chr9:130883968-130887675
## 8763	chr9 130885737	+	G	10	chr9:130883968-130887675
## 8764	chr9 130885737	-	G	227	chr9:130883968-130887675
## 8765	chr9 130885738	+	G	7	chr9:130883968-130887675
## 8766	chr9 130885738	-	G	231	chr9:130883968-130887675
## 8767	chr9 130885739	-	A	1	chr9:130883968-130887675
## 8768	chr9 130885739	+	C	6	chr9:130883968-130887675
## 8769	chr9 130885739	-	C	230	chr9:130883968-130887675
## 8770	chr9 130885740	+	T	5	chr9:130883968-130887675
## 8771	chr9 130885740	-	T	230	chr9:130883968-130887675
## 8772	chr9 130885741	+	C	5	chr9:130883968-130887675
## 8773	chr9 130885741	-	C	231	chr9:130883968-130887675
## 8774	chr9 130885742	+	G	4	chr9:130883968-130887675
## 8775	chr9 130885742	-	G	242	chr9:130883968-130887675
## 8776	chr9 130885743	+	C	4	chr9:130883968-130887675
## 8777	chr9 130885743	-	C	246	chr9:130883968-130887675
## 8778	chr9 130885744	+	C	4	chr9:130883968-130887675
## 8779	chr9 130885744	-	C	246	chr9:130883968-130887675
## 8780	chr9 130885745	+	C	4	chr9:130883968-130887675
## 8781	chr9 130885745	-	C	247	chr9:130883968-130887675

## 8782	chr9 130885746	+	A	4	chr9:130883968-130887675
## 8783	chr9 130885746	-	A	245	chr9:130883968-130887675
## 8784	chr9 130885747	+	T	3	chr9:130883968-130887675
## 8785	chr9 130885747	-	T	245	chr9:130883968-130887675
## 8786	chr9 130885748	+	A	3	chr9:130883968-130887675
## 8787	chr9 130885748	-	A	246	chr9:130883968-130887675
## 8788	chr9 130885749	-	A	2	chr9:130883968-130887675
## 8789	chr9 130885749	+	C	3	chr9:130883968-130887675
## 8790	chr9 130885749	-	C	243	chr9:130883968-130887675
## 8791	chr9 130885750	+	C	3	chr9:130883968-130887675
## 8792	chr9 130885750	-	C	245	chr9:130883968-130887675
## 8793	chr9 130885751	+	C	3	chr9:130883968-130887675
## 8794	chr9 130885751	-	C	239	chr9:130883968-130887675
## 8795	chr9 130885752	+	G	3	chr9:130883968-130887675
## 8796	chr9 130885752	-	G	234	chr9:130883968-130887675
## 8797	chr9 130885753	+	T	2	chr9:130883968-130887675
## 8798	chr9 130885753	-	T	237	chr9:130883968-130887675
## 8799	chr9 130885754	+	G	1	chr9:130883968-130887675
## 8800	chr9 130885754	-	G	241	chr9:130883968-130887675
## 8801	chr9 130885755	+	A	1	chr9:130883968-130887675
## 8802	chr9 130885755	-	A	243	chr9:130883968-130887675
## 8803	chr9 130885756	-	C	250	chr9:130883968-130887675
## 8804	chr9 130885757	-	A	250	chr9:130883968-130887675
## 8805	chr9 130885758	-	G	250	chr9:130883968-130887675
## 8806	chr9 130885759	-	T	250	chr9:130883968-130887675
## 8807	chr9 130885760	-	G	250	chr9:130883968-130887675
## 8808	chr9 130885761	-	G	250	chr9:130883968-130887675
## 8809	chr9 130885762	-	C	249	chr9:130883968-130887675
## 8810	chr9 130885763	-	T	248	chr9:130883968-130887675
## 8811	chr9 130885764	-	G	248	chr9:130883968-130887675
## 8812	chr9 130885765	-	A	247	chr9:130883968-130887675
## 8813	chr9 130885766	-	C	240	chr9:130883968-130887675
## 8814	chr9 130885767	-	A	239	chr9:130883968-130887675
## 8815	chr9 130885768	-	A	234	chr9:130883968-130887675
## 8816	chr9 130885768	-	T	1	chr9:130883968-130887675
## 8817	chr9 130885769	-	G	236	chr9:130883968-130887675
## 8818	chr9 130885770	-	G	240	chr9:130883968-130887675
## 8819	chr9 130885771	-	G	247	chr9:130883968-130887675
## 8820	chr9 130885772	-	A	243	chr9:130883968-130887675
## 8821	chr9 130885773	-	C	238	chr9:130883968-130887675
## 8822	chr9 130885774	-	T	238	chr9:130883968-130887675
## 8823	chr9 130885775	-	A	238	chr9:130883968-130887675
## 8824	chr9 130885776	-	G	236	chr9:130883968-130887675
## 8825	chr9 130885777	-	T	234	chr9:130883968-130887675
## 8826	chr9 130885778	-	G	229	chr9:130883968-130887675
## 8827	chr9 130885778	-	T	1	chr9:130883968-130887675
## 8828	chr9 130885779	-	A	222	chr9:130883968-130887675
## 8829	chr9 130885780	-	G	218	chr9:130883968-130887675
## 8830	chr9 130885781	-	C	1	chr9:130883968-130887675
## 8831	chr9 130885781	-	T	215	chr9:130883968-130887675
## 8832	chr9 130885782	-	C	215	chr9:130883968-130887675
## 8833	chr9 130885783	-	A	208	chr9:130883968-130887675
## 8834	chr9 130885784	-	G	203	chr9:130883968-130887675
## 8835	chr9 130885785	-	C	205	chr9:130883968-130887675

## 8836	chr9 130885786	-	A	200	chr9:130883968-130887675
## 8837	chr9 130885787	-	C	194	chr9:130883968-130887675
## 8838	chr9 130885788	-	C	192	chr9:130883968-130887675
## 8839	chr9 130885789	-	T	190	chr9:130883968-130887675
## 8840	chr9 130885790	-	C	1	chr9:130883968-130887675
## 8841	chr9 130885790	-	T	188	chr9:130883968-130887675
## 8842	chr9 130885791	-	G	190	chr9:130883968-130887675
## 8843	chr9 130885792	-	G	190	chr9:130883968-130887675
## 8844	chr9 130885793	-	C	188	chr9:130883968-130887675
## 8845	chr9 130885794	-	C	187	chr9:130883968-130887675
## 8846	chr9 130885795	-	C	187	chr9:130883968-130887675
## 8847	chr9 130885796	-	A	184	chr9:130883968-130887675
## 8848	chr9 130885797	-	G	183	chr9:130883968-130887675
## 8849	chr9 130885798	-	G	182	chr9:130883968-130887675
## 8850	chr9 130885798	-	T	1	chr9:130883968-130887675
## 8851	chr9 130885799	-	A	180	chr9:130883968-130887675
## 8852	chr9 130885800	-	G	179	chr9:130883968-130887675
## 8853	chr9 130885801	-	C	169	chr9:130883968-130887675
## 8854	chr9 130885802	-	T	164	chr9:130883968-130887675
## 8855	chr9 130885803	-	C	160	chr9:130883968-130887675
## 8856	chr9 130885804	-	T	155	chr9:130883968-130887675
## 8857	chr9 130885805	-	G	151	chr9:130883968-130887675
## 8858	chr9 130885806	-	C	146	chr9:130883968-130887675
## 8859	chr9 130885807	-	G	133	chr9:130883968-130887675
## 8860	chr9 130885808	-	C	131	chr9:130883968-130887675
## 8861	chr9 130885809	-	C	128	chr9:130883968-130887675
## 8862	chr9 130885810	-	A	128	chr9:130883968-130887675
## 8863	chr9 130885811	-	G	126	chr9:130883968-130887675
## 8864	chr9 130885812	-	G	126	chr9:130883968-130887675
## 8865	chr9 130885813	-	C	122	chr9:130883968-130887675
## 8866	chr9 130885814	-	A	127	chr9:130883968-130887675
## 8867	chr9 130885815	-	G	126	chr9:130883968-130887675
## 8868	chr9 130885816	-	A	126	chr9:130883968-130887675
## 8869	chr9 130885817	-	G	118	chr9:130883968-130887675
## 8870	chr9 130885818	-	C	113	chr9:130883968-130887675
## 8871	chr9 130885819	-	T	113	chr9:130883968-130887675
## 8872	chr9 130885820	-	G	113	chr9:130883968-130887675
## 8873	chr9 130885821	-	A	113	chr9:130883968-130887675
## 8874	chr9 130885822	-	G	111	chr9:130883968-130887675
## 8875	chr9 130885823	-	G	109	chr9:130883968-130887675
## 8876	chr9 130885824	-	G	107	chr9:130883968-130887675
## 8877	chr9 130885825	-	C	103	chr9:130883968-130887675
## 8878	chr9 130885825	-	T	1	chr9:130883968-130887675
## 8879	chr9 130885826	-	C	103	chr9:130883968-130887675
## 8880	chr9 130885827	-	C	99	chr9:130883968-130887675
## 8881	chr9 130885828	-	T	93	chr9:130883968-130887675
## 8882	chr9 130885829	-	G	98	chr9:130883968-130887675
## 8883	chr9 130885830	-	T	96	chr9:130883968-130887675
## 8884	chr9 130885831	-	G	90	chr9:130883968-130887675
## 8885	chr9 130885832	-	G	89	chr9:130883968-130887675
## 8886	chr9 130885833	-	A	88	chr9:130883968-130887675
## 8887	chr9 130885834	-	G	87	chr9:130883968-130887675
## 8888	chr9 130885835	-	T	85	chr9:130883968-130887675
## 8889	chr9 130885836	-	C	84	chr9:130883968-130887675

## 8890	chr9 130885837	-	C	83	chr9:130883968-130887675
## 8891	chr9 130885838	-	A	83	chr9:130883968-130887675
## 8892	chr9 130885839	-	G	81	chr9:130883968-130887675
## 8893	chr9 130885840	-	C	79	chr9:130883968-130887675
## 8894	chr9 130885841	-	T	78	chr9:130883968-130887675
## 8895	chr9 130885842	-	C	76	chr9:130883968-130887675
## 8896	chr9 130885843	-	T	76	chr9:130883968-130887675
## 8897	chr9 130885844	-	A	73	chr9:130883968-130887675
## 8898	chr9 130885845	-	C	68	chr9:130883968-130887675
## 8899	chr9 130885846	-	T	57	chr9:130883968-130887675
## 8900	chr9 130885847	-	A	57	chr9:130883968-130887675
## 8901	chr9 130885848	-	C	57	chr9:130883968-130887675
## 8902	chr9 130885849	-	C	56	chr9:130883968-130887675
## 8903	chr9 130885850	-	T	55	chr9:130883968-130887675
## 8904	chr9 130885851	-	A	54	chr9:130883968-130887675
## 8905	chr9 130885852	-	C	54	chr9:130883968-130887675
## 8906	chr9 130885853	-	G	53	chr9:130883968-130887675
## 8907	chr9 130885854	-	T	53	chr9:130883968-130887675
## 8908	chr9 130885855	-	T	52	chr9:130883968-130887675
## 8909	chr9 130885856	-	T	51	chr9:130883968-130887675
## 8910	chr9 130885857	-	G	47	chr9:130883968-130887675
## 8911	chr9 130885858	-	C	45	chr9:130883968-130887675
## 8912	chr9 130885859	-	A	45	chr9:130883968-130887675
## 8913	chr9 130885860	-	C	40	chr9:130883968-130887675
## 8914	chr9 130885861	-	C	41	chr9:130883968-130887675
## 8915	chr9 130885862	-	G	41	chr9:130883968-130887675
## 8916	chr9 130885863	-	C	41	chr9:130883968-130887675
## 8917	chr9 130885864	-	C	41	chr9:130883968-130887675
## 8918	chr9 130885865	-	T	41	chr9:130883968-130887675
## 8919	chr9 130885866	-	G	40	chr9:130883968-130887675
## 8920	chr9 130885867	-	C	39	chr9:130883968-130887675
## 8921	chr9 130885868	-	C	40	chr9:130883968-130887675
## 8922	chr9 130885869	-	C	40	chr9:130883968-130887675
## 8923	chr9 130885870	-	T	39	chr9:130883968-130887675
## 8924	chr9 130885871	-	C	39	chr9:130883968-130887675
## 8925	chr9 130885872	-	C	39	chr9:130883968-130887675
## 8926	chr9 130885873	-	C	39	chr9:130883968-130887675
## 8927	chr9 130885874	-	G	39	chr9:130883968-130887675
## 8928	chr9 130885875	-	C	39	chr9:130883968-130887675
## 8929	chr9 130885876	-	A	39	chr9:130883968-130887675
## 8930	chr9 130885877	-	C	39	chr9:130883968-130887675
## 8931	chr9 130885878	-	C	38	chr9:130883968-130887675
## 8932	chr9 130885879	-	T	38	chr9:130883968-130887675
## 8933	chr9 130885880	-	T	38	chr9:130883968-130887675
## 8934	chr9 130885881	-	C	37	chr9:130883968-130887675
## 8935	chr9 130885882	-	C	36	chr9:130883968-130887675
## 8936	chr9 130885883	-	T	35	chr9:130883968-130887675
## 8937	chr9 130885884	-	C	34	chr9:130883968-130887675
## 8938	chr9 130885885	-	C	33	chr9:130883968-130887675
## 8939	chr9 130885886	-	T	32	chr9:130883968-130887675
## 8940	chr9 130885887	-	C	30	chr9:130883968-130887675
## 8941	chr9 130885888	-	C	29	chr9:130883968-130887675
## 8942	chr9 130885889	-	C	24	chr9:130883968-130887675
## 8943	chr9 130885890	-	C	24	chr9:130883968-130887675

## 8944	chr9 130885891	-	G	24	chr9:130883968-130887675
## 8945	chr9 130885892	-	C	23	chr9:130883968-130887675
## 8946	chr9 130885893	-	T	23	chr9:130883968-130887675
## 8947	chr9 130885894	-	C	20	chr9:130883968-130887675
## 8948	chr9 130885895	-	C	20	chr9:130883968-130887675
## 8949	chr9 130885896	-	G	18	chr9:130883968-130887675
## 8950	chr9 130885897	-	G	1	chr9:130883968-130887675
## 8951	chr9 130885897	-	T	17	chr9:130883968-130887675
## 8952	chr9 130885898	-	C	16	chr9:130883968-130887675
## 8953	chr9 130885899	-	T	16	chr9:130883968-130887675
## 8954	chr9 130885900	-	C	16	chr9:130883968-130887675
## 8955	chr9 130885901	-	T	15	chr9:130883968-130887675
## 8956	chr9 130885902	-	G	14	chr9:130883968-130887675
## 8957	chr9 130885903	-	T	13	chr9:130883968-130887675
## 8958	chr9 130885904	-	C	8	chr9:130883968-130887675
## 8959	chr9 130885905	-	C	7	chr9:130883968-130887675
## 8960	chr9 130885906	-	T	7	chr9:130883968-130887675
## 8961	chr9 130885907	-	C	7	chr9:130883968-130887675
## 8962	chr9 130885908	-	G	7	chr9:130883968-130887675
## 8963	chr9 130885909	-	A	7	chr9:130883968-130887675
## 8964	chr9 130885910	-	A	7	chr9:130883968-130887675
## 8965	chr9 130885911	-	T	7	chr9:130883968-130887675
## 8966	chr9 130885912	-	T	7	chr9:130883968-130887675
## 8967	chr9 130885913	-	T	7	chr9:130883968-130887675
## 8968	chr9 130885914	-	T	7	chr9:130883968-130887675
## 8969	chr9 130885915	-	A	6	chr9:130883968-130887675
## 8970	chr9 130885916	-	T	6	chr9:130883968-130887675
## 8971	chr9 130885917	-	C	6	chr9:130883968-130887675
## 8972	chr9 130885918	-	T	6	chr9:130883968-130887675
## 8973	chr9 130885919	-	G	6	chr9:130883968-130887675
## 8974	chr9 130885920	-	T	6	chr9:130883968-130887675
## 8975	chr9 130885921	-	G	6	chr9:130883968-130887675
## 8976	chr9 130885922	-	G	6	chr9:130883968-130887675
## 8977	chr9 130885923	-	A	6	chr9:130883968-130887675
## 8978	chr9 130885924	-	G	5	chr9:130883968-130887675
## 8979	chr9 130885925	-	T	5	chr9:130883968-130887675
## 8980	chr9 130885926	-	T	5	chr9:130883968-130887675
## 8981	chr9 130885927	-	C	4	chr9:130883968-130887675
## 8982	chr9 130885928	-	C	4	chr9:130883968-130887675
## 8983	chr9 130885929	-	T	4	chr9:130883968-130887675
## 8984	chr9 130885930	-	G	4	chr9:130883968-130887675
## 8985	chr9 130885931	-	C	4	chr9:130883968-130887675
## 8986	chr9 130885932	-	T	4	chr9:130883968-130887675
## 8987	chr9 130885933	-	C	4	chr9:130883968-130887675
## 8988	chr9 130885934	-	C	4	chr9:130883968-130887675
## 8989	chr9 130885935	-	G	4	chr9:130883968-130887675
## 8990	chr9 130885936	-	T	2	chr9:130883968-130887675
## 8991	chr9 130885937	-	G	2	chr9:130883968-130887675
## 8992	chr9 130885938	-	G	2	chr9:130883968-130887675
## 8993	chr9 130885939	-	A	2	chr9:130883968-130887675
## 8994	chr9 130885940	-	C	2	chr9:130883968-130887675
## 8995	chr9 130885941	-	T	2	chr9:130883968-130887675
## 8996	chr9 130885942	-	G	2	chr9:130883968-130887675
## 8997	chr9 130885943	-	C	1	chr9:130883968-130887675

## 8998	chr9 130885944	-	A	1 chr9:130883968-130887675
## 8999	chr9 130885945	-	G	1 chr9:130883968-130887675
## 9000	chr9 130885946	-	T	1 chr9:130883968-130887675
## 9001	chr9 130885947	-	C	1 chr9:130883968-130887675
## 9002	chr9 130885948	-	G	1 chr9:130883968-130887675
## 9003	chr9 130885949	-	G	1 chr9:130883968-130887675
## 9004	chr9 130885950	-	C	1 chr9:130883968-130887675
## 9005	chr9 130885951	-	A	1 chr9:130883968-130887675
## 9006	chr9 130885952	-	T	1 chr9:130883968-130887675
## 9007	chr9 130885953	-	G	1 chr9:130883968-130887675
## 9008	chr9 130885954	-	C	1 chr9:130883968-130887675
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## 9010	chr9 130885956	-	A	1 chr9:130883968-130887675
## 9011	chr9 130885957	-	G	1 chr9:130883968-130887675
## 9012	chr9 130885958	-	G	1 chr9:130883968-130887675
## 9013	chr9 130885959	-	A	1 chr9:130883968-130887675
## 9014	chr9 130885960	-	C	1 chr9:130883968-130887675
## 9015	chr9 130885961	-	C	1 chr9:130883968-130887675
## 9016	chr9 130885962	-	C	1 chr9:130883968-130887675
## 9017	chr9 130885963	-	G	1 chr9:130883968-130887675
## 9018	chr9 130885964	-	C	1 chr9:130883968-130887675
## 9019	chr9 130886463	+	A	1 chr9:130883968-130887675
## 9020	chr9 130886464	+	A	1 chr9:130883968-130887675
## 9021	chr9 130886465	+	G	1 chr9:130883968-130887675
## 9022	chr9 130886466	+	A	1 chr9:130883968-130887675
## 9023	chr9 130886467	+	A	1 chr9:130883968-130887675
## 9024	chr9 130886468	+	A	1 chr9:130883968-130887675
## 9025	chr9 130886469	+	G	1 chr9:130883968-130887675
## 9026	chr9 130886470	+	C	1 chr9:130883968-130887675
## 9027	chr9 130886471	+	T	1 chr9:130883968-130887675
## 9028	chr9 130886472	+	T	1 chr9:130883968-130887675
## 9029	chr9 130886473	+	G	1 chr9:130883968-130887675
## 9030	chr9 130886474	+	A	1 chr9:130883968-130887675
## 9031	chr9 130886475	+	G	1 chr9:130883968-130887675
## 9032	chr9 130886476	+	T	1 chr9:130883968-130887675
## 9033	chr9 130886477	+	C	1 chr9:130883968-130887675
## 9034	chr9 130886478	+	T	1 chr9:130883968-130887675
## 9035	chr9 130886479	+	C	1 chr9:130883968-130887675
## 9036	chr9 130886480	+	A	1 chr9:130883968-130887675
## 9037	chr9 130886481	+	A	1 chr9:130883968-130887675
## 9038	chr9 130886482	+	G	1 chr9:130883968-130887675
## 9039	chr9 130886483	+	G	1 chr9:130883968-130887675
## 9040	chr9 130886484	+	G	1 chr9:130883968-130887675
## 9041	chr9 130886485	+	T	1 chr9:130883968-130887675
## 9042	chr9 130886486	+	G	1 chr9:130883968-130887675
## 9043	chr9 130886487	+	G	1 chr9:130883968-130887675
## 9044	chr9 130886488	+	C	1 chr9:130883968-130887675
## 9045	chr9 130886489	+	A	1 chr9:130883968-130887675
## 9046	chr9 130886490	+	G	1 chr9:130883968-130887675
## 9047	chr9 130886491	+	G	1 chr9:130883968-130887675
## 9048	chr9 130886492	+	T	1 chr9:130883968-130887675
## 9049	chr9 130886493	+	C	1 chr9:130883968-130887675
## 9050	chr9 130886494	+	A	1 chr9:130883968-130887675
## 9051	chr9 130886495	+	C	1 chr9:130883968-130887675

## 9052	chr9 130886496	+	T	1 chr9:130883968-130887675
## 9053	chr9 130886497	+	G	1 chr9:130883968-130887675
## 9054	chr9 130886498	+	T	1 chr9:130883968-130887675
## 9055	chr9 130886499	+	C	1 chr9:130883968-130887675
## 9056	chr9 130886500	+	A	1 chr9:130883968-130887675
## 9057	chr9 130886501	+	C	1 chr9:130883968-130887675
## 9058	chr9 130886502	+	T	1 chr9:130883968-130887675
## 9059	chr9 130886503	+	G	1 chr9:130883968-130887675
## 9060	chr9 130886504	+	C	1 chr9:130883968-130887675
## 9061	chr9 130886505	+	C	1 chr9:130883968-130887675
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## 9063	chr9 130886507	+	A	1 chr9:130883968-130887675
## 9064	chr9 130886508	+	C	1 chr9:130883968-130887675
## 9065	chr9 130886509	+	A	1 chr9:130883968-130887675
## 9066	chr9 130886510	+	T	1 chr9:130883968-130887675
## 9067	chr9 130886511	+	C	1 chr9:130883968-130887675
## 9068	chr9 130886512	+	C	1 chr9:130883968-130887675
## 9069	chr9 130886513	+	C	1 chr9:130883968-130887675
## 9070	chr9 130886514	+	T	1 chr9:130883968-130887675
## 9071	chr9 130886515	+	C	1 chr9:130883968-130887675
## 9072	chr9 130886516	+	C	1 chr9:130883968-130887675
## 9073	chr9 130886517	+	C	1 chr9:130883968-130887675
## 9074	chr9 130886518	+	C	1 chr9:130883968-130887675
## 9075	chr9 130886519	+	C	1 chr9:130883968-130887675
## 9076	chr9 130886520	+	A	1 chr9:130883968-130887675
## 9077	chr9 130886521	+	G	1 chr9:130883968-130887675
## 9078	chr9 130886522	+	C	1 chr9:130883968-130887675
## 9079	chr9 130886523	+	A	1 chr9:130883968-130887675
## 9080	chr9 130886524	+	G	1 chr9:130883968-130887675
## 9081	chr9 130886525	+	A	1 chr9:130883968-130887675
## 9082	chr9 130886526	+	A	1 chr9:130883968-130887675
## 9083	chr9 130886527	+	T	1 chr9:130883968-130887675
## 9084	chr9 130886528	+	G	1 chr9:130883968-130887675
## 9085	chr9 130886529	+	G	1 chr9:130883968-130887675
## 9086	chr9 130886530	+	A	1 chr9:130883968-130887675
## 9087	chr9 130886531	+	G	1 chr9:130883968-130887675
## 9088	chr9 130886532	+	G	1 chr9:130883968-130887675
## 9089	chr9 130886533	+	C	1 chr9:130883968-130887675
## 9090	chr9 130886534	+	A	1 chr9:130883968-130887675
## 9091	chr9 130886535	+	G	1 chr9:130883968-130887675
## 9092	chr9 130886536	+	G	1 chr9:130883968-130887675
## 9093	chr9 130886537	+	G	1 chr9:130883968-130887675
## 9094	chr9 130886548	-	G	1 chr9:130883968-130887675
## 9095	chr9 130886549	-	C	1 chr9:130883968-130887675
## 9096	chr9 130886550	-	A	1 chr9:130883968-130887675
## 9097	chr9 130886551	-	G	1 chr9:130883968-130887675
## 9098	chr9 130886552	-	T	1 chr9:130883968-130887675
## 9099	chr9 130886553	-	G	1 chr9:130883968-130887675
## 9100	chr9 130886554	-	G	1 chr9:130883968-130887675
## 9101	chr9 130886555	-	C	1 chr9:130883968-130887675
## 9102	chr9 130886556	-	T	1 chr9:130883968-130887675
## 9103	chr9 130886557	-	A	1 chr9:130883968-130887675
## 9104	chr9 130886558	-	G	1 chr9:130883968-130887675
## 9105	chr9 130886559	-	T	1 chr9:130883968-130887675

## 9106	chr9 130886560	-	G	1 chr9:130883968-130887675
## 9107	chr9 130886561	-	G	1 chr9:130883968-130887675
## 9108	chr9 130886562	-	G	1 chr9:130883968-130887675
## 9109	chr9 130886563	-	G	1 chr9:130883968-130887675
## 9110	chr9 130886564	-	T	1 chr9:130883968-130887675
## 9111	chr9 130886565	-	G	1 chr9:130883968-130887675
## 9112	chr9 130886566	-	A	1 chr9:130883968-130887675
## 9113	chr9 130886567	-	A	1 chr9:130883968-130887675
## 9114	chr9 130886568	-	C	1 chr9:130883968-130887675
## 9115	chr9 130886569	-	A	1 chr9:130883968-130887675
## 9116	chr9 130886570	-	G	1 chr9:130883968-130887675
## 9117	chr9 130886571	-	C	1 chr9:130883968-130887675
## 9118	chr9 130886572	-	T	1 chr9:130883968-130887675
## 9119	chr9 130886573	-	G	1 chr9:130883968-130887675
## 9120	chr9 130886574	-	G	1 chr9:130883968-130887675
## 9121	chr9 130886575	-	T	1 chr9:130883968-130887675
## 9122	chr9 130886576	-	G	1 chr9:130883968-130887675
## 9123	chr9 130886577	-	C	1 chr9:130883968-130887675
## 9124	chr9 130886578	-	C	1 chr9:130883968-130887675
## 9125	chr9 130886579	-	A	1 chr9:130883968-130887675
## 9126	chr9 130886580	-	A	1 chr9:130883968-130887675
## 9127	chr9 130886581	-	A	1 chr9:130883968-130887675
## 9128	chr9 130886582	-	T	1 chr9:130883968-130887675
## 9129	chr9 130886583	-	A	1 chr9:130883968-130887675
## 9130	chr9 130886584	-	G	1 chr9:130883968-130887675
## 9131	chr9 130886585	-	C	1 chr9:130883968-130887675
## 9132	chr9 130886586	-	C	1 chr9:130883968-130887675
## 9133	chr9 130886587	-	C	1 chr9:130883968-130887675
## 9134	chr9 130886588	-	C	1 chr9:130883968-130887675
## 9135	chr9 130886589	-	A	1 chr9:130883968-130887675
## 9136	chr9 130886590	-	G	1 chr9:130883968-130887675
## 9137	chr9 130886591	-	A	1 chr9:130883968-130887675
## 9138	chr9 130886592	-	C	1 chr9:130883968-130887675
## 9139	chr9 130886593	-	T	1 chr9:130883968-130887675
## 9140	chr9 130886594	-	G	1 chr9:130883968-130887675
## 9141	chr9 130886595	-	G	1 chr9:130883968-130887675
## 9142	chr9 130886596	-	G	1 chr9:130883968-130887675
## 9143	chr9 130886597	-	C	1 chr9:130883968-130887675
## 9144	chr9 130886598	-	C	1 chr9:130883968-130887675
## 9145	chr9 130886599	-	C	1 chr9:130883968-130887675
## 9146	chr9 130886600	-	A	1 chr9:130883968-130887675
## 9147	chr9 130886601	-	G	1 chr9:130883968-130887675
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## 9157	chr9 130886611	-	C	1 chr9:130883968-130887675
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## 9159	chr9 130886613	-	A	1 chr9:130883968-130887675

## 9160	chr9 130886614	-	G	1 chr9:130883968-130887675
## 9161	chr9 130886615	-	G	1 chr9:130883968-130887675
## 9162	chr9 130886616	-	G	1 chr9:130883968-130887675
## 9163	chr9 130886617	-	C	1 chr9:130883968-130887675
## 9164	chr9 130886618	-	C	1 chr9:130883968-130887675
## 9165	chr9 130886619	-	C	1 chr9:130883968-130887675
## 9166	chr9 130886620	-	A	1 chr9:130883968-130887675
## 9167	chr9 130886621	-	G	1 chr9:130883968-130887675
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## 9171	chr9 130887431	+	T	6 chr9:130883968-130887675
## 9172	chr9 130887432	+	T	6 chr9:130883968-130887675
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## 9177	chr9 130887437	+	A	6 chr9:130883968-130887675
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## 9179	chr9 130887439	+	C	6 chr9:130883968-130887675
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## 9212	chr9 130887472	+	T	6 chr9:130883968-130887675
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## 9243	chr9 130887503	+	A	6 chr9:130883968-130887675
## 9244	chr9 130887573	-	G	5 chr9:130883968-130887675
## 9245	chr9 130887574	-	G	5 chr9:130883968-130887675
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## 9247	chr9 130887576	-	C	5 chr9:130883968-130887675
## 9248	chr9 130887577	-	C	5 chr9:130883968-130887675
## 9249	chr9 130887578	-	A	5 chr9:130883968-130887675
## 9250	chr9 130887579	-	G	6 chr9:130883968-130887675
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## 9256	chr9 130887585	-	T	6 chr9:130883968-130887675
## 9257	chr9 130887586	-	T	6 chr9:130883968-130887675
## 9258	chr9 130887587	-	T	6 chr9:130883968-130887675
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## 9268	chr9 130887597	-	T	6 chr9:130883968-130887675
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## 9282	chr9 130887611	-	G	6 chr9:130883968-130887675
## 9283	chr9 130887612	-	T	6 chr9:130883968-130887675
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## 9293	chr9 130887622	-	A	6 chr9:130883968-130887675
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## 9295	chr9 130887624	-	C	6 chr9:130883968-130887675
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## 9311	chr9 130887640	-	T	6 chr9:130883968-130887675
## 9312	chr9 130887641	-	A	6 chr9:130883968-130887675
## 9313	chr9 130887642	-	G	6 chr9:130883968-130887675
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## 9315	chr9 130887644	-	A	6 chr9:130883968-130887675
## 9316	chr9 130887645	-	T	6 chr9:130883968-130887675
## 9317	chr9 130887646	-	T	6 chr9:130883968-130887675
## 9318	chr9 130887647	-	T	6 chr9:130883968-130887675
## 9319	chr9 130887660	+	A	3 chr9:130883968-130887675
## 9320	chr9 130887661	+	G	3 chr9:130883968-130887675
## 9321	chr9 130887662	+	T	3 chr9:130883968-130887675

## 9322	chr9	130887663	+	G	3	chr9:130883968-130887675
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## 9327	chr9	130887668	+	C	3	chr9:130883968-130887675
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## 9	chr2	157736903	+	T	1	chr2:157736445-157737665
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## 12	chr2	157736906	+	A	1	chr2:157736445-157737665
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## 16	chr2	157736910	+	A	1	chr2:157736445-157737665
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## 18	chr2	157736912	+	T	1	chr2:157736445-157737665
## 19	chr2	157736913	+	T	1	chr2:157736445-157737665
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## 21	chr2	157736915	+	C	1	chr2:157736445-157737665
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## 26	chr2	157736920	+	G	1	chr2:157736445-157737665
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## 32	chr2	157736926	+	C	1	chr2:157736445-157737665
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## 35	chr2	157736929	+	C	1	chr2:157736445-157737665
## 36	chr2	157736930	+	A	1	chr2:157736445-157737665
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## 81	chr2 157736973	-	A	1 chr2:157736445-157737665
## 82	chr2 157736974	-	T	1 chr2:157736445-157737665
## 83	chr2 157736975	-	T	1 chr2:157736445-157737665
## 84	chr2 157736976	-	A	1 chr2:157736445-157737665
## 85	chr2 157736977	-	C	1 chr2:157736445-157737665
## 86	chr2 157736978	-	A	1 chr2:157736445-157737665
## 87	chr2 157736979	-	T	1 chr2:157736445-157737665
## 88	chr2 157736980	-	T	1 chr2:157736445-157737665
## 89	chr2 157736981	-	T	1 chr2:157736445-157737665
## 90	chr2 157736982	-	T	1 chr2:157736445-157737665
## 91	chr2 157736983	-	G	1 chr2:157736445-157737665
## 92	chr2 157736984	-	T	1 chr2:157736445-157737665

## 93	chr2 157736985	-	T	1 chr2:157736445-157737665
## 94	chr2 157736986	-	T	1 chr2:157736445-157737665
## 95	chr2 157736987	-	T	1 chr2:157736445-157737665
## 96	chr2 157736988	-	G	1 chr2:157736445-157737665
## 97	chr2 157736989	-	C	1 chr2:157736445-157737665
## 98	chr2 157736990	-	C	1 chr2:157736445-157737665
## 99	chr2 157736991	-	A	1 chr2:157736445-157737665
## 100	chr2 157736992	-	A	1 chr2:157736445-157737665
## 101	chr2 157736993	-	A	1 chr2:157736445-157737665
## 102	chr2 157736994	-	T	1 chr2:157736445-157737665
## 103	chr2 157736995	-	T	1 chr2:157736445-157737665
## 104	chr2 157736996	-	G	1 chr2:157736445-157737665
## 105	chr2 157736997	-	A	1 chr2:157736445-157737665
## 106	chr2 157736998	-	A	1 chr2:157736445-157737665
## 107	chr2 157736999	-	T	1 chr2:157736445-157737665
## 108	chr2 157737000	-	T	1 chr2:157736445-157737665
## 109	chr2 157737001	-	C	1 chr2:157736445-157737665
## 110	chr2 157737002	-	C	1 chr2:157736445-157737665
## 111	chr2 157737003	-	T	1 chr2:157736445-157737665
## 112	chr2 157737004	-	A	1 chr2:157736445-157737665
## 113	chr2 157737005	-	T	1 chr2:157736445-157737665
## 114	chr2 157737006	-	T	1 chr2:157736445-157737665
## 115	chr2 157737007	-	A	1 chr2:157736445-157737665
## 116	chr2 157737008	-	T	1 chr2:157736445-157737665
## 117	chr2 157737009	-	C	1 chr2:157736445-157737665
## 118	chr2 157737010	-	C	1 chr2:157736445-157737665
## 119	chr2 157737011	-	A	1 chr2:157736445-157737665
## 120	chr2 157737012	-	A	1 chr2:157736445-157737665
## 121	chr2 157737013	-	A	1 chr2:157736445-157737665
## 122	chr2 157737014	-	G	1 chr2:157736445-157737665
## 123	chr2 157737015	-	A	1 chr2:157736445-157737665
## 124	chr2 157737016	-	C	1 chr2:157736445-157737665
## 125	chr2 157737017	-	A	1 chr2:157736445-157737665
## 126	chr2 157737018	-	G	1 chr2:157736445-157737665
## 127	chr2 157737019	-	A	1 chr2:157736445-157737665
## 128	chr2 157737020	-	C	1 chr2:157736445-157737665
## 129	chr2 157737021	-	C	1 chr2:157736445-157737665
## 130	chr2 157737022	-	A	1 chr2:157736445-157737665
## 131	chr2 157737023	-	G	1 chr2:157736445-157737665
## 132	chr2 157737024	-	T	1 chr2:157736445-157737665
## 133	chr2 157737025	-	G	1 chr2:157736445-157737665
## 134	chr2 157737026	-	G	1 chr2:157736445-157737665
## 135	chr2 157737027	-	A	1 chr2:157736445-157737665
## 136	chr2 157737028	-	G	1 chr2:157736445-157737665
## 137	chr2 157737029	-	T	1 chr2:157736445-157737665
## 138	chr2 157737030	-	A	1 chr2:157736445-157737665
## 139	chr2 157737031	-	C	1 chr2:157736445-157737665
## 140	chr2 157737032	-	G	1 chr2:157736445-157737665
## 141	chr2 157737033	-	C	1 chr2:157736445-157737665
## 142	chr2 157737034	-	A	1 chr2:157736445-157737665
## 143	chr2 157737035	-	G	1 chr2:157736445-157737665
## 144	chr2 157737036	-	C	1 chr2:157736445-157737665
## 145	chr2 157737037	-	C	1 chr2:157736445-157737665
## 146	chr2 157737038	-	A	1 chr2:157736445-157737665

## 147	chr2 157737039	-	A	1 chr2:157736445-157737665
## 148	chr2 157737040	-	C	1 chr2:157736445-157737665
## 149	chr2 157737041	-	A	1 chr2:157736445-157737665
## 150	chr2 157737042	-	T	1 chr2:157736445-157737665
## 151	chr2 157737043	-	T	1 chr2:157736445-157737665
## 152	chr2 157737136	+	A	1 chr2:157736445-157737665
## 153	chr2 157737137	+	T	1 chr2:157736445-157737665
## 154	chr2 157737138	+	T	1 chr2:157736445-157737665
## 155	chr2 157737139	+	G	1 chr2:157736445-157737665
## 156	chr2 157737140	+	C	1 chr2:157736445-157737665
## 157	chr2 157737141	+	T	1 chr2:157736445-157737665
## 158	chr2 157737142	+	G	1 chr2:157736445-157737665
## 159	chr2 157737143	+	A	1 chr2:157736445-157737665
## 160	chr2 157737144	+	T	1 chr2:157736445-157737665
## 161	chr2 157737145	+	T	1 chr2:157736445-157737665
## 162	chr2 157737146	+	A	1 chr2:157736445-157737665
## 163	chr2 157737147	+	A	1 chr2:157736445-157737665
## 164	chr2 157737148	+	A	1 chr2:157736445-157737665
## 165	chr2 157737149	+	A	1 chr2:157736445-157737665
## 166	chr2 157737150	+	A	1 chr2:157736445-157737665
## 167	chr2 157737151	+	T	1 chr2:157736445-157737665
## 168	chr2 157737152	+	T	1 chr2:157736445-157737665
## 169	chr2 157737153	+	C	1 chr2:157736445-157737665
## 170	chr2 157737154	+	A	1 chr2:157736445-157737665
## 171	chr2 157737155	+	C	1 chr2:157736445-157737665
## 172	chr2 157737156	+	C	1 chr2:157736445-157737665
## 173	chr2 157737157	+	A	1 chr2:157736445-157737665
## 174	chr2 157737158	+	C	1 chr2:157736445-157737665
## 175	chr2 157737159	+	C	1 chr2:157736445-157737665
## 176	chr2 157737160	+	T	1 chr2:157736445-157737665
## 177	chr2 157737161	+	C	1 chr2:157736445-157737665
## 178	chr2 157737162	+	C	1 chr2:157736445-157737665
## 179	chr2 157737163	+	T	1 chr2:157736445-157737665
## 180	chr2 157737164	+	T	1 chr2:157736445-157737665
## 181	chr2 157737165	+	G	1 chr2:157736445-157737665
## 182	chr2 157737166	+	A	1 chr2:157736445-157737665
## 183	chr2 157737167	+	G	1 chr2:157736445-157737665
## 184	chr2 157737168	+	T	1 chr2:157736445-157737665
## 185	chr2 157737169	+	T	1 chr2:157736445-157737665
## 186	chr2 157737170	+	T	1 chr2:157736445-157737665
## 187	chr2 157737171	+	C	1 chr2:157736445-157737665
## 188	chr2 157737172	+	C	1 chr2:157736445-157737665
## 189	chr2 157737173	+	C	1 chr2:157736445-157737665
## 190	chr2 157737174	+	G	1 chr2:157736445-157737665
## 191	chr2 157737175	+	T	1 chr2:157736445-157737665
## 192	chr2 157737176	+	G	1 chr2:157736445-157737665
## 193	chr2 157737177	+	G	1 chr2:157736445-157737665
## 194	chr2 157737178	+	G	1 chr2:157736445-157737665
## 195	chr2 157737179	+	G	1 chr2:157736445-157737665
## 196	chr2 157737180	+	A	1 chr2:157736445-157737665
## 197	chr2 157737181	+	G	1 chr2:157736445-157737665
## 198	chr2 157737182	+	T	1 chr2:157736445-157737665
## 199	chr2 157737183	+	G	2 chr2:157736445-157737665
## 200	chr2 157737184	+	T	2 chr2:157736445-157737665

## 201	chr2 157737185	+	C	2 chr2:157736445-157737665
## 202	chr2 157737186	+	T	2 chr2:157736445-157737665
## 203	chr2 157737187	+	A	2 chr2:157736445-157737665
## 204	chr2 157737188	+	G	2 chr2:157736445-157737665
## 205	chr2 157737189	+	G	2 chr2:157736445-157737665
## 206	chr2 157737190	+	A	2 chr2:157736445-157737665
## 207	chr2 157737191	+	G	2 chr2:157736445-157737665
## 208	chr2 157737192	+	A	2 chr2:157736445-157737665
## 209	chr2 157737193	+	C	2 chr2:157736445-157737665
## 210	chr2 157737194	+	T	2 chr2:157736445-157737665
## 211	chr2 157737195	+	T	2 chr2:157736445-157737665
## 212	chr2 157737196	+	G	2 chr2:157736445-157737665
## 213	chr2 157737197	+	T	2 chr2:157736445-157737665
## 214	chr2 157737198	+	G	2 chr2:157736445-157737665
## 215	chr2 157737199	+	A	2 chr2:157736445-157737665
## 216	chr2 157737200	+	A	2 chr2:157736445-157737665
## 217	chr2 157737201	+	A	2 chr2:157736445-157737665
## 218	chr2 157737202	+	G	2 chr2:157736445-157737665
## 219	chr2 157737203	+	C	2 chr2:157736445-157737665
## 220	chr2 157737204	+	T	2 chr2:157736445-157737665
## 221	chr2 157737205	+	A	2 chr2:157736445-157737665
## 222	chr2 157737206	+	T	2 chr2:157736445-157737665
## 223	chr2 157737207	+	G	2 chr2:157736445-157737665
## 224	chr2 157737208	+	C	2 chr2:157736445-157737665
## 225	chr2 157737209	+	A	2 chr2:157736445-157737665
## 226	chr2 157737210	+	A	2 chr2:157736445-157737665
## 227	chr2 157737211	+	A	1 chr2:157736445-157737665
## 228	chr2 157737212	+	G	1 chr2:157736445-157737665
## 229	chr2 157737213	+	C	1 chr2:157736445-157737665
## 230	chr2 157737214	+	C	1 chr2:157736445-157737665
## 231	chr2 157737215	+	A	1 chr2:157736445-157737665
## 232	chr2 157737216	+	C	1 chr2:157736445-157737665
## 233	chr2 157737217	+	T	1 chr2:157736445-157737665
## 234	chr2 157737218	+	G	1 chr2:157736445-157737665
## 235	chr2 157737219	+	A	1 chr2:157736445-157737665
## 236	chr2 157737220	+	C	1 chr2:157736445-157737665
## 237	chr2 157737221	+	T	1 chr2:157736445-157737665
## 238	chr2 157737222	+	T	1 chr2:157736445-157737665
## 239	chr2 157737223	+	A	1 chr2:157736445-157737665
## 240	chr2 157737224	+	A	1 chr2:157736445-157737665
## 241	chr2 157737225	+	T	1 chr2:157736445-157737665
## 242	chr2 157737226	+	G	1 chr2:157736445-157737665
## 243	chr2 157737227	+	C	1 chr2:157736445-157737665
## 244	chr2 157737228	+	C	1 chr2:157736445-157737665
## 245	chr2 157737229	+	C	1 chr2:157736445-157737665
## 246	chr2 157737230	+	A	1 chr2:157736445-157737665
## 247	chr2 157737231	+	G	2 chr2:157736445-157737665
## 248	chr2 157737232	+	A	2 chr2:157736445-157737665
## 249	chr2 157737233	+	T	3 chr2:157736445-157737665
## 250	chr2 157737234	+	C	3 chr2:157736445-157737665
## 251	chr2 157737235	+	T	3 chr2:157736445-157737665
## 252	chr2 157737236	+	C	3 chr2:157736445-157737665
## 253	chr2 157737237	+	T	3 chr2:157736445-157737665
## 254	chr2 157737238	+	T	3 chr2:157736445-157737665

## 255	chr2 157737239	+	T	3 chr2:157736445-157737665
## 256	chr2 157737240	+	T	3 chr2:157736445-157737665
## 257	chr2 157737241	+	A	3 chr2:157736445-157737665
## 258	chr2 157737242	+	G	7 chr2:157736445-157737665
## 259	chr2 157737243	+	G	7 chr2:157736445-157737665
## 260	chr2 157737244	+	A	8 chr2:157736445-157737665
## 261	chr2 157737245	+	T	8 chr2:157736445-157737665
## 262	chr2 157737246	+	T	8 chr2:157736445-157737665
## 263	chr2 157737247	+	T	8 chr2:157736445-157737665
## 264	chr2 157737248	+	C	8 chr2:157736445-157737665
## 265	chr2 157737249	+	T	8 chr2:157736445-157737665
## 266	chr2 157737250	+	C	8 chr2:157736445-157737665
## 267	chr2 157737251	+	T	8 chr2:157736445-157737665
## 268	chr2 157737252	+	G	11 chr2:157736445-157737665
## 269	chr2 157737253	+	T	11 chr2:157736445-157737665
## 270	chr2 157737254	+	G	11 chr2:157736445-157737665
## 271	chr2 157737255	+	T	13 chr2:157736445-157737665
## 272	chr2 157737256	+	T	13 chr2:157736445-157737665
## 273	chr2 157737257	+	C	14 chr2:157736445-157737665
## 274	chr2 157737258	+	C	13 chr2:157736445-157737665
## 275	chr2 157737259	+	T	13 chr2:157736445-157737665
## 276	chr2 157737260	+	C	13 chr2:157736445-157737665
## 277	chr2 157737261	+	C	14 chr2:157736445-157737665
## 278	chr2 157737262	+	A	14 chr2:157736445-157737665
## 279	chr2 157737263	+	G	14 chr2:157736445-157737665
## 280	chr2 157737264	+	T	17 chr2:157736445-157737665
## 281	chr2 157737265	+	C	17 chr2:157736445-157737665
## 282	chr2 157737266	+	C	17 chr2:157736445-157737665
## 283	chr2 157737267	+	C	17 chr2:157736445-157737665
## 284	chr2 157737268	+	T	17 chr2:157736445-157737665
## 285	chr2 157737269	+	A	17 chr2:157736445-157737665
## 286	chr2 157737270	+	C	17 chr2:157736445-157737665
## 287	chr2 157737271	+	C	17 chr2:157736445-157737665
## 288	chr2 157737272	+	T	18 chr2:157736445-157737665
## 289	chr2 157737273	+	T	18 chr2:157736445-157737665
## 290	chr2 157737274	+	T	18 chr2:157736445-157737665
## 291	chr2 157737275	+	G	18 chr2:157736445-157737665
## 292	chr2 157737276	+	C	18 chr2:157736445-157737665
## 293	chr2 157737277	+	A	18 chr2:157736445-157737665
## 294	chr2 157737278	+	A	19 chr2:157736445-157737665
## 295	chr2 157737279	+	C	19 chr2:157736445-157737665
## 296	chr2 157737280	+	A	19 chr2:157736445-157737665
## 297	chr2 157737281	+	G	19 chr2:157736445-157737665
## 298	chr2 157737282	+	T	19 chr2:157736445-157737665
## 299	chr2 157737283	+	G	19 chr2:157736445-157737665
## 300	chr2 157737284	+	T	22 chr2:157736445-157737665
## 301	chr2 157737285	+	C	23 chr2:157736445-157737665
## 302	chr2 157737286	+	T	23 chr2:157736445-157737665
## 303	chr2 157737287	+	G	23 chr2:157736445-157737665
## 304	chr2 157737288	+	T	23 chr2:157736445-157737665
## 305	chr2 157737289	+	C	23 chr2:157736445-157737665
## 306	chr2 157737290	+	C	23 chr2:157736445-157737665
## 307	chr2 157737291	+	A	25 chr2:157736445-157737665
## 308	chr2 157737292	+	A	26 chr2:157736445-157737665

## 309	chr2 157737293	+	C	26	chr2:157736445-157737665
## 310	chr2 157737294	+	A	26	chr2:157736445-157737665
## 311	chr2 157737295	+	T	26	chr2:157736445-157737665
## 312	chr2 157737296	+	T	26	chr2:157736445-157737665
## 313	chr2 157737297	+	A	26	chr2:157736445-157737665
## 314	chr2 157737298	+	G	30	chr2:157736445-157737665
## 315	chr2 157737299	+	T	31	chr2:157736445-157737665
## 316	chr2 157737300	+	C	31	chr2:157736445-157737665
## 317	chr2 157737301	+	T	31	chr2:157736445-157737665
## 318	chr2 157737302	+	C	31	chr2:157736445-157737665
## 319	chr2 157737303	+	T	31	chr2:157736445-157737665
## 320	chr2 157737304	+	G	30	chr2:157736445-157737665
## 321	chr2 157737305	+	C	30	chr2:157736445-157737665
## 322	chr2 157737306	+	A	30	chr2:157736445-157737665
## 323	chr2 157737307	+	G	32	chr2:157736445-157737665
## 324	chr2 157737308	+	T	31	chr2:157736445-157737665
## 325	chr2 157737309	+	G	32	chr2:157736445-157737665
## 326	chr2 157737310	+	A	1	chr2:157736445-157737665
## 327	chr2 157737310	+	T	33	chr2:157736445-157737665
## 328	chr2 157737311	+	G	34	chr2:157736445-157737665
## 329	chr2 157737312	+	A	34	chr2:157736445-157737665
## 330	chr2 157737313	+	A	35	chr2:157736445-157737665
## 331	chr2 157737314	+	C	39	chr2:157736445-157737665
## 332	chr2 157737315	+	A	39	chr2:157736445-157737665
## 333	chr2 157737316	+	G	42	chr2:157736445-157737665
## 334	chr2 157737317	+	T	38	chr2:157736445-157737665
## 335	chr2 157737318	+	A	1	chr2:157736445-157737665
## 336	chr2 157737318	+	T	40	chr2:157736445-157737665
## 337	chr2 157737319	+	C	41	chr2:157736445-157737665
## 338	chr2 157737320	+	G	41	chr2:157736445-157737665
## 339	chr2 157737321	+	T	42	chr2:157736445-157737665
## 340	chr2 157737322	+	G	43	chr2:157736445-157737665
## 341	chr2 157737323	+	A	50	chr2:157736445-157737665
## 342	chr2 157737324	+	A	51	chr2:157736445-157737665
## 343	chr2 157737325	+	A	53	chr2:157736445-157737665
## 344	chr2 157737326	+	T	54	chr2:157736445-157737665
## 345	chr2 157737327	+	G	51	chr2:157736445-157737665
## 346	chr2 157737328	+	C	52	chr2:157736445-157737665
## 347	chr2 157737329	+	C	54	chr2:157736445-157737665
## 348	chr2 157737330	+	C	54	chr2:157736445-157737665
## 349	chr2 157737331	+	A	54	chr2:157736445-157737665
## 350	chr2 157737332	+	G	55	chr2:157736445-157737665
## 351	chr2 157737333	+	T	56	chr2:157736445-157737665
## 352	chr2 157737334	+	T	58	chr2:157736445-157737665
## 353	chr2 157737335	+	C	62	chr2:157736445-157737665
## 354	chr2 157737336	+	A	62	chr2:157736445-157737665
## 355	chr2 157737337	+	C	63	chr2:157736445-157737665
## 356	chr2 157737338	+	A	64	chr2:157736445-157737665
## 357	chr2 157737339	+	G	61	chr2:157736445-157737665
## 358	chr2 157737340	+	T	61	chr2:157736445-157737665
## 359	chr2 157737341	+	C	61	chr2:157736445-157737665
## 360	chr2 157737342	+	A	61	chr2:157736445-157737665
## 361	chr2 157737343	+	T	62	chr2:157736445-157737665
## 362	chr2 157737344	+	C	62	chr2:157736445-157737665

## 363	chr2 157737345	+	G	65 chr2:157736445-157737665
## 364	chr2 157737346	+	A	66 chr2:157736445-157737665
## 365	chr2 157737347	+	G	65 chr2:157736445-157737665
## 366	chr2 157737348	+	C	65 chr2:157736445-157737665
## 367	chr2 157737349	+	G	70 chr2:157736445-157737665
## 368	chr2 157737350	+	A	73 chr2:157736445-157737665
## 369	chr2 157737351	+	G	74 chr2:157736445-157737665
## 370	chr2 157737352	+	G	74 chr2:157736445-157737665
## 371	chr2 157737353	+	T	74 chr2:157736445-157737665
## 372	chr2 157737354	+	T	77 chr2:157736445-157737665
## 373	chr2 157737355	+	A	80 chr2:157736445-157737665
## 374	chr2 157737356	+	G	80 chr2:157736445-157737665
## 375	chr2 157737357	+	G	82 chr2:157736445-157737665
## 376	chr2 157737358	+	G	83 chr2:157736445-157737665
## 377	chr2 157737359	+	T	81 chr2:157736445-157737665
## 378	chr2 157737360	+	G	82 chr2:157736445-157737665
## 379	chr2 157737361	+	G	92 chr2:157736445-157737665
## 380	chr2 157737362	+	T	92 chr2:157736445-157737665
## 381	chr2 157737363	+	T	97 chr2:157736445-157737665
## 382	chr2 157737364	+	T	98 chr2:157736445-157737665
## 383	chr2 157737365	+	T	99 chr2:157736445-157737665
## 384	chr2 157737366	+	G	97 chr2:157736445-157737665
## 385	chr2 157737367	+	A	100 chr2:157736445-157737665
## 386	chr2 157737368	+	T	103 chr2:157736445-157737665
## 387	chr2 157737369	+	G	103 chr2:157736445-157737665
## 388	chr2 157737370	+	T	107 chr2:157736445-157737665
## 389	chr2 157737371	+	C	110 chr2:157736445-157737665
## 390	chr2 157737372	+	T	112 chr2:157736445-157737665
## 391	chr2 157737373	+	C	109 chr2:157736445-157737665
## 392	chr2 157737374	+	C	108 chr2:157736445-157737665
## 393	chr2 157737375	+	A	1 chr2:157736445-157737665
## 394	chr2 157737375	+	C	108 chr2:157736445-157737665
## 395	chr2 157737376	+	C	109 chr2:157736445-157737665
## 396	chr2 157737377	+	A	113 chr2:157736445-157737665
## 397	chr2 157737378	+	A	115 chr2:157736445-157737665
## 398	chr2 157737379	+	C	115 chr2:157736445-157737665
## 399	chr2 157737380	+	A	115 chr2:157736445-157737665
## 400	chr2 157737381	+	C	119 chr2:157736445-157737665
## 401	chr2 157737382	+	A	117 chr2:157736445-157737665
## 402	chr2 157737383	+	T	118 chr2:157736445-157737665
## 403	chr2 157737384	+	G	118 chr2:157736445-157737665
## 404	chr2 157737385	+	G	117 chr2:157736445-157737665
## 405	chr2 157737386	+	C	118 chr2:157736445-157737665
## 406	chr2 157737387	+	T	119 chr2:157736445-157737665
## 407	chr2 157737388	+	G	118 chr2:157736445-157737665
## 408	chr2 157737389	+	G	114 chr2:157736445-157737665
## 409	chr2 157737390	+	G	115 chr2:157736445-157737665
## 410	chr2 157737391	+	T	117 chr2:157736445-157737665
## 411	chr2 157737392	+	A	117 chr2:157736445-157737665
## 412	chr2 157737393	+	C	114 chr2:157736445-157737665
## 413	chr2 157737394	+	G	116 chr2:157736445-157737665
## 414	chr2 157737395	+	A	116 chr2:157736445-157737665
## 415	chr2 157737396	+	C	115 chr2:157736445-157737665
## 416	chr2 157737397	+	G	117 chr2:157736445-157737665

## 417	chr2 157737398	+	T	110 chr2:157736445-157737665
## 418	chr2 157737399	+	C	111 chr2:157736445-157737665
## 419	chr2 157737400	+	C	1 chr2:157736445-157737665
## 420	chr2 157737400	+	T	110 chr2:157736445-157737665
## 421	chr2 157737401	+	G	114 chr2:157736445-157737665
## 422	chr2 157737401	-	G	1 chr2:157736445-157737665
## 423	chr2 157737402	+	C	115 chr2:157736445-157737665
## 424	chr2 157737402	-	C	2 chr2:157736445-157737665
## 425	chr2 157737403	+	C	117 chr2:157736445-157737665
## 426	chr2 157737403	-	C	3 chr2:157736445-157737665
## 427	chr2 157737404	+	T	124 chr2:157736445-157737665
## 428	chr2 157737404	-	T	3 chr2:157736445-157737665
## 429	chr2 157737405	+	T	124 chr2:157736445-157737665
## 430	chr2 157737405	-	T	3 chr2:157736445-157737665
## 431	chr2 157737406	+	G	127 chr2:157736445-157737665
## 432	chr2 157737406	-	G	3 chr2:157736445-157737665
## 433	chr2 157737407	+	T	126 chr2:157736445-157737665
## 434	chr2 157737407	-	T	4 chr2:157736445-157737665
## 435	chr2 157737408	+	A	2 chr2:157736445-157737665
## 436	chr2 157737408	+	C	123 chr2:157736445-157737665
## 437	chr2 157737408	-	C	4 chr2:157736445-157737665
## 438	chr2 157737409	+	A	125 chr2:157736445-157737665
## 439	chr2 157737409	-	A	4 chr2:157736445-157737665
## 440	chr2 157737410	+	A	121 chr2:157736445-157737665
## 441	chr2 157737410	-	A	6 chr2:157736445-157737665
## 442	chr2 157737411	+	A	120 chr2:157736445-157737665
## 443	chr2 157737411	-	A	7 chr2:157736445-157737665
## 444	chr2 157737412	+	G	124 chr2:157736445-157737665
## 445	chr2 157737412	-	G	7 chr2:157736445-157737665
## 446	chr2 157737413	+	C	123 chr2:157736445-157737665
## 447	chr2 157737413	-	C	8 chr2:157736445-157737665
## 448	chr2 157737414	+	A	127 chr2:157736445-157737665
## 449	chr2 157737414	-	A	10 chr2:157736445-157737665
## 450	chr2 157737415	+	G	132 chr2:157736445-157737665
## 451	chr2 157737415	-	G	10 chr2:157736445-157737665
## 452	chr2 157737416	+	C	136 chr2:157736445-157737665
## 453	chr2 157737416	-	C	10 chr2:157736445-157737665
## 454	chr2 157737417	+	C	142 chr2:157736445-157737665
## 455	chr2 157737417	-	C	10 chr2:157736445-157737665
## 456	chr2 157737418	+	A	144 chr2:157736445-157737665
## 457	chr2 157737418	-	A	11 chr2:157736445-157737665
## 458	chr2 157737419	+	T	146 chr2:157736445-157737665
## 459	chr2 157737419	-	T	12 chr2:157736445-157737665
## 460	chr2 157737420	+	T	159 chr2:157736445-157737665
## 461	chr2 157737420	-	T	12 chr2:157736445-157737665
## 462	chr2 157737421	+	T	167 chr2:157736445-157737665
## 463	chr2 157737421	-	T	12 chr2:157736445-157737665
## 464	chr2 157737422	+	G	170 chr2:157736445-157737665
## 465	chr2 157737422	-	G	13 chr2:157736445-157737665
## 466	chr2 157737423	+	G	173 chr2:157736445-157737665
## 467	chr2 157737423	-	G	13 chr2:157736445-157737665
## 468	chr2 157737424	+	G	172 chr2:157736445-157737665
## 469	chr2 157737424	-	G	13 chr2:157736445-157737665
## 470	chr2 157737425	+	G	173 chr2:157736445-157737665

## 471	chr2 157737425	-	G	13	chr2:157736445-157737665
## 472	chr2 157737426	+	A	175	chr2:157736445-157737665
## 473	chr2 157737426	-	A	14	chr2:157736445-157737665
## 474	chr2 157737427	+	-	1	chr2:157736445-157737665
## 475	chr2 157737427	+	G	183	chr2:157736445-157737665
## 476	chr2 157737427	-	G	14	chr2:157736445-157737665
## 477	chr2 157737428	+	G	193	chr2:157736445-157737665
## 478	chr2 157737428	-	G	14	chr2:157736445-157737665
## 479	chr2 157737429	+	G	194	chr2:157736445-157737665
## 480	chr2 157737429	-	G	16	chr2:157736445-157737665
## 481	chr2 157737430	+	A	192	chr2:157736445-157737665
## 482	chr2 157737430	-	A	17	chr2:157736445-157737665
## 483	chr2 157737431	+	G	207	chr2:157736445-157737665
## 484	chr2 157737431	-	G	17	chr2:157736445-157737665
## 485	chr2 157737432	+	A	206	chr2:157736445-157737665
## 486	chr2 157737432	-	A	18	chr2:157736445-157737665
## 487	chr2 157737433	+	C	210	chr2:157736445-157737665
## 488	chr2 157737433	-	C	19	chr2:157736445-157737665
## 489	chr2 157737434	+	A	215	chr2:157736445-157737665
## 490	chr2 157737434	-	A	22	chr2:157736445-157737665
## 491	chr2 157737435	+	G	223	chr2:157736445-157737665
## 492	chr2 157737435	-	G	22	chr2:157736445-157737665
## 493	chr2 157737436	+	A	218	chr2:157736445-157737665
## 494	chr2 157737436	-	A	22	chr2:157736445-157737665
## 495	chr2 157737436	+	C	1	chr2:157736445-157737665
## 496	chr2 157737437	+	T	219	chr2:157736445-157737665
## 497	chr2 157737437	-	T	23	chr2:157736445-157737665
## 498	chr2 157737438	+	G	215	chr2:157736445-157737665
## 499	chr2 157737438	-	G	23	chr2:157736445-157737665
## 500	chr2 157737439	+	G	225	chr2:157736445-157737665
## 501	chr2 157737439	-	G	23	chr2:157736445-157737665
## 502	chr2 157737439	+	T	1	chr2:157736445-157737665
## 503	chr2 157737440	+	A	227	chr2:157736445-157737665
## 504	chr2 157737440	-	A	23	chr2:157736445-157737665
## 505	chr2 157737441	+	T	228	chr2:157736445-157737665
## 506	chr2 157737441	-	T	23	chr2:157736445-157737665
## 507	chr2 157737442	+	T	225	chr2:157736445-157737665
## 508	chr2 157737442	-	T	23	chr2:157736445-157737665
## 509	chr2 157737443	+	C	223	chr2:157736445-157737665
## 510	chr2 157737443	-	C	23	chr2:157736445-157737665
## 511	chr2 157737444	+	C	225	chr2:157736445-157737665
## 512	chr2 157737444	-	C	24	chr2:157736445-157737665
## 513	chr2 157737445	+	A	222	chr2:157736445-157737665
## 514	chr2 157737445	-	A	24	chr2:157736445-157737665
## 515	chr2 157737446	+	T	225	chr2:157736445-157737665
## 516	chr2 157737446	-	T	24	chr2:157736445-157737665
## 517	chr2 157737447	+	T	225	chr2:157736445-157737665
## 518	chr2 157737447	-	T	24	chr2:157736445-157737665
## 519	chr2 157737448	+	C	226	chr2:157736445-157737665
## 520	chr2 157737448	-	C	24	chr2:157736445-157737665
## 521	chr2 157737449	+	T	227	chr2:157736445-157737665
## 522	chr2 157737449	-	T	24	chr2:157736445-157737665
## 523	chr2 157737450	+	G	227	chr2:157736445-157737665
## 524	chr2 157737450	-	G	24	chr2:157736445-157737665

## 525	chr2 157737451	+	A	228	chr2:157736445-157737665
## 526	chr2 157737451	-	A	24	chr2:157736445-157737665
## 527	chr2 157737452	+	A	3	chr2:157736445-157737665
## 528	chr2 157737452	+	C	222	chr2:157736445-157737665
## 529	chr2 157737452	-	C	24	chr2:157736445-157737665
## 530	chr2 157737453	+	A	225	chr2:157736445-157737665
## 531	chr2 157737453	-	A	24	chr2:157736445-157737665
## 532	chr2 157737454	+	A	227	chr2:157736445-157737665
## 533	chr2 157737454	-	A	24	chr2:157736445-157737665
## 534	chr2 157737455	+	C	228	chr2:157736445-157737665
## 535	chr2 157737455	-	C	24	chr2:157736445-157737665
## 536	chr2 157737456	+	A	1	chr2:157736445-157737665
## 537	chr2 157737456	+	C	223	chr2:157736445-157737665
## 538	chr2 157737456	-	C	24	chr2:157736445-157737665
## 539	chr2 157737457	+	A	227	chr2:157736445-157737665
## 540	chr2 157737457	-	A	24	chr2:157736445-157737665
## 541	chr2 157737458	+	G	226	chr2:157736445-157737665
## 542	chr2 157737458	-	G	24	chr2:157736445-157737665
## 543	chr2 157737458	+	T	1	chr2:157736445-157737665
## 544	chr2 157737459	+	T	226	chr2:157736445-157737665
## 545	chr2 157737459	-	T	25	chr2:157736445-157737665
## 546	chr2 157737460	+	C	224	chr2:157736445-157737665
## 547	chr2 157737460	-	C	25	chr2:157736445-157737665
## 548	chr2 157737461	+	A	225	chr2:157736445-157737665
## 549	chr2 157737461	-	A	25	chr2:157736445-157737665
## 550	chr2 157737462	+	G	224	chr2:157736445-157737665
## 551	chr2 157737462	-	G	25	chr2:157736445-157737665
## 552	chr2 157737463	+	G	224	chr2:157736445-157737665
## 553	chr2 157737463	-	G	27	chr2:157736445-157737665
## 554	chr2 157737464	+	C	225	chr2:157736445-157737665
## 555	chr2 157737464	-	C	27	chr2:157736445-157737665
## 556	chr2 157737465	+	C	225	chr2:157736445-157737665
## 557	chr2 157737465	-	C	27	chr2:157736445-157737665
## 558	chr2 157737466	+	A	221	chr2:157736445-157737665
## 559	chr2 157737466	-	A	27	chr2:157736445-157737665
## 560	chr2 157737467	+	C	1	chr2:157736445-157737665
## 561	chr2 157737467	+	G	221	chr2:157736445-157737665
## 562	chr2 157737467	-	G	29	chr2:157736445-157737665
## 563	chr2 157737468	+	C	223	chr2:157736445-157737665
## 564	chr2 157737468	-	C	29	chr2:157736445-157737665
## 565	chr2 157737469	+	A	221	chr2:157736445-157737665
## 566	chr2 157737469	-	A	29	chr2:157736445-157737665
## 567	chr2 157737470	+	T	222	chr2:157736445-157737665
## 568	chr2 157737470	-	T	29	chr2:157736445-157737665
## 569	chr2 157737471	+	T	223	chr2:157736445-157737665
## 570	chr2 157737471	-	T	29	chr2:157736445-157737665
## 571	chr2 157737472	+	A	221	chr2:157736445-157737665
## 572	chr2 157737472	-	A	29	chr2:157736445-157737665
## 573	chr2 157737473	+	G	222	chr2:157736445-157737665
## 574	chr2 157737473	-	G	29	chr2:157736445-157737665
## 575	chr2 157737474	+	G	221	chr2:157736445-157737665
## 576	chr2 157737474	-	G	29	chr2:157736445-157737665
## 577	chr2 157737475	+	T	220	chr2:157736445-157737665
## 578	chr2 157737475	-	T	29	chr2:157736445-157737665

## 579	chr2 157737476	+	C	216	chr2:157736445-157737665
## 580	chr2 157737476	-	C	30	chr2:157736445-157737665
## 581	chr2 157737477	+	C	218	chr2:157736445-157737665
## 582	chr2 157737477	-	C	30	chr2:157736445-157737665
## 583	chr2 157737478	+	C	217	chr2:157736445-157737665
## 584	chr2 157737478	-	C	29	chr2:157736445-157737665
## 585	chr2 157737479	+	A	212	chr2:157736445-157737665
## 586	chr2 157737479	-	A	32	chr2:157736445-157737665
## 587	chr2 157737480	+	G	211	chr2:157736445-157737665
## 588	chr2 157737480	-	G	36	chr2:157736445-157737665
## 589	chr2 157737481	+	C	211	chr2:157736445-157737665
## 590	chr2 157737481	-	C	37	chr2:157736445-157737665
## 591	chr2 157737482	+	T	213	chr2:157736445-157737665
## 592	chr2 157737482	-	T	36	chr2:157736445-157737665
## 593	chr2 157737483	+	G	215	chr2:157736445-157737665
## 594	chr2 157737483	-	G	35	chr2:157736445-157737665
## 595	chr2 157737483	-	T	1	chr2:157736445-157737665
## 596	chr2 157737484	+	G	214	chr2:157736445-157737665
## 597	chr2 157737484	-	G	36	chr2:157736445-157737665
## 598	chr2 157737485	+	A	214	chr2:157736445-157737665
## 599	chr2 157737485	-	A	34	chr2:157736445-157737665
## 600	chr2 157737486	+	C	217	chr2:157736445-157737665
## 601	chr2 157737486	-	C	33	chr2:157736445-157737665
## 602	chr2 157737487	+	A	213	chr2:157736445-157737665
## 603	chr2 157737487	-	A	33	chr2:157736445-157737665
## 604	chr2 157737488	+	A	218	chr2:157736445-157737665
## 605	chr2 157737488	-	A	32	chr2:157736445-157737665
## 606	chr2 157737489	+	T	215	chr2:157736445-157737665
## 607	chr2 157737489	-	T	31	chr2:157736445-157737665
## 608	chr2 157737490	+	G	215	chr2:157736445-157737665
## 609	chr2 157737490	-	G	31	chr2:157736445-157737665
## 610	chr2 157737491	+	A	214	chr2:157736445-157737665
## 611	chr2 157737491	-	A	31	chr2:157736445-157737665
## 612	chr2 157737491	+	C	1	chr2:157736445-157737665
## 613	chr2 157737492	+	C	211	chr2:157736445-157737665
## 614	chr2 157737492	-	C	31	chr2:157736445-157737665
## 615	chr2 157737493	+	A	214	chr2:157736445-157737665
## 616	chr2 157737493	-	A	32	chr2:157736445-157737665
## 617	chr2 157737493	+	G	1	chr2:157736445-157737665
## 618	chr2 157737494	+	A	217	chr2:157736445-157737665
## 619	chr2 157737494	-	A	31	chr2:157736445-157737665
## 620	chr2 157737495	+	C	204	chr2:157736445-157737665
## 621	chr2 157737495	-	C	31	chr2:157736445-157737665
## 622	chr2 157737496	+	A	211	chr2:157736445-157737665
## 623	chr2 157737496	-	A	31	chr2:157736445-157737665
## 624	chr2 157737497	+	A	217	chr2:157736445-157737665
## 625	chr2 157737497	-	A	30	chr2:157736445-157737665
## 626	chr2 157737498	+	C	218	chr2:157736445-157737665
## 627	chr2 157737498	-	C	30	chr2:157736445-157737665
## 628	chr2 157737499	+	G	217	chr2:157736445-157737665
## 629	chr2 157737499	-	G	30	chr2:157736445-157737665
## 630	chr2 157737500	+	T	218	chr2:157736445-157737665
## 631	chr2 157737500	-	T	30	chr2:157736445-157737665
## 632	chr2 157737501	+	C	218	chr2:157736445-157737665

## 633	chr2 157737501	-	C	29	chr2:157736445-157737665
## 634	chr2 157737502	+	A	213	chr2:157736445-157737665
## 635	chr2 157737502	-	A	29	chr2:157736445-157737665
## 636	chr2 157737503	+	A	210	chr2:157736445-157737665
## 637	chr2 157737503	-	A	29	chr2:157736445-157737665
## 638	chr2 157737504	+	A	218	chr2:157736445-157737665
## 639	chr2 157737504	-	A	27	chr2:157736445-157737665
## 640	chr2 157737505	+	T	223	chr2:157736445-157737665
## 641	chr2 157737505	-	T	26	chr2:157736445-157737665
## 642	chr2 157737506	+	C	210	chr2:157736445-157737665
## 643	chr2 157737506	-	C	26	chr2:157736445-157737665
## 644	chr2 157737507	+	T	223	chr2:157736445-157737665
## 645	chr2 157737507	-	T	25	chr2:157736445-157737665
## 646	chr2 157737508	+	T	222	chr2:157736445-157737665
## 647	chr2 157737508	-	T	24	chr2:157736445-157737665
## 648	chr2 157737509	+	C	221	chr2:157736445-157737665
## 649	chr2 157737509	-	C	21	chr2:157736445-157737665
## 650	chr2 157737510	+	C	220	chr2:157736445-157737665
## 651	chr2 157737510	-	C	21	chr2:157736445-157737665
## 652	chr2 157737511	+	T	224	chr2:157736445-157737665
## 653	chr2 157737511	-	T	21	chr2:157736445-157737665
## 654	chr2 157737512	+	T	230	chr2:157736445-157737665
## 655	chr2 157737512	-	T	20	chr2:157736445-157737665
## 656	chr2 157737513	+	C	229	chr2:157736445-157737665
## 657	chr2 157737513	-	C	20	chr2:157736445-157737665
## 658	chr2 157737514	+	T	222	chr2:157736445-157737665
## 659	chr2 157737514	-	T	20	chr2:157736445-157737665
## 660	chr2 157737515	+	T	226	chr2:157736445-157737665
## 661	chr2 157737515	-	T	22	chr2:157736445-157737665
## 662	chr2 157737516	+	G	225	chr2:157736445-157737665
## 663	chr2 157737516	-	G	25	chr2:157736445-157737665
## 664	chr2 157737517	+	A	225	chr2:157736445-157737665
## 665	chr2 157737517	-	A	25	chr2:157736445-157737665
## 666	chr2 157737518	+	C	225	chr2:157736445-157737665
## 667	chr2 157737518	-	C	25	chr2:157736445-157737665
## 668	chr2 157737519	+	A	224	chr2:157736445-157737665
## 669	chr2 157737519	-	A	24	chr2:157736445-157737665
## 670	chr2 157737520	+	C	225	chr2:157736445-157737665
## 671	chr2 157737520	-	C	24	chr2:157736445-157737665
## 672	chr2 157737521	+	T	222	chr2:157736445-157737665
## 673	chr2 157737521	-	T	24	chr2:157736445-157737665
## 674	chr2 157737522	+	A	222	chr2:157736445-157737665
## 675	chr2 157737522	-	A	25	chr2:157736445-157737665
## 676	chr2 157737523	+	T	224	chr2:157736445-157737665
## 677	chr2 157737523	-	T	25	chr2:157736445-157737665
## 678	chr2 157737524	+	G	225	chr2:157736445-157737665
## 679	chr2 157737524	-	G	25	chr2:157736445-157737665
## 680	chr2 157737525	+	A	225	chr2:157736445-157737665
## 681	chr2 157737525	-	A	25	chr2:157736445-157737665
## 682	chr2 157737526	+	A	225	chr2:157736445-157737665
## 683	chr2 157737526	-	A	25	chr2:157736445-157737665
## 684	chr2 157737527	+	A	225	chr2:157736445-157737665
## 685	chr2 157737527	-	A	25	chr2:157736445-157737665
## 686	chr2 157737528	+	A	224	chr2:157736445-157737665

## 687	chr2 157737528	-	A	25	chr2:157736445-157737665
## 688	chr2 157737529	+	T	224	chr2:157736445-157737665
## 689	chr2 157737529	-	T	25	chr2:157736445-157737665
## 690	chr2 157737530	+	G	225	chr2:157736445-157737665
## 691	chr2 157737530	-	G	25	chr2:157736445-157737665
## 692	chr2 157737531	+	T	225	chr2:157736445-157737665
## 693	chr2 157737531	-	T	25	chr2:157736445-157737665
## 694	chr2 157737532	+	C	223	chr2:157736445-157737665
## 695	chr2 157737532	-	C	25	chr2:157736445-157737665
## 696	chr2 157737533	+	A	225	chr2:157736445-157737665
## 697	chr2 157737533	-	A	25	chr2:157736445-157737665
## 698	chr2 157737534	+	A	226	chr2:157736445-157737665
## 699	chr2 157737534	-	A	24	chr2:157736445-157737665
## 700	chr2 157737535	+	C	226	chr2:157736445-157737665
## 701	chr2 157737535	-	C	24	chr2:157736445-157737665
## 702	chr2 157737536	+	A	225	chr2:157736445-157737665
## 703	chr2 157737536	-	A	24	chr2:157736445-157737665
## 704	chr2 157737537	+	G	226	chr2:157736445-157737665
## 705	chr2 157737537	-	G	24	chr2:157736445-157737665
## 706	chr2 157737538	+	T	227	chr2:157736445-157737665
## 707	chr2 157737538	-	T	22	chr2:157736445-157737665
## 708	chr2 157737539	+	C	228	chr2:157736445-157737665
## 709	chr2 157737539	-	C	22	chr2:157736445-157737665
## 710	chr2 157737540	+	A	228	chr2:157736445-157737665
## 711	chr2 157737540	-	A	22	chr2:157736445-157737665
## 712	chr2 157737541	+	G	226	chr2:157736445-157737665
## 713	chr2 157737541	-	G	22	chr2:157736445-157737665
## 714	chr2 157737542	+	T	228	chr2:157736445-157737665
## 715	chr2 157737542	-	T	20	chr2:157736445-157737665
## 716	chr2 157737543	+	T	230	chr2:157736445-157737665
## 717	chr2 157737543	-	T	20	chr2:157736445-157737665
## 718	chr2 157737544	+	T	230	chr2:157736445-157737665
## 719	chr2 157737544	-	T	20	chr2:157736445-157737665
## 720	chr2 157737545	+	T	230	chr2:157736445-157737665
## 721	chr2 157737545	-	T	20	chr2:157736445-157737665
## 722	chr2 157737546	+	C	230	chr2:157736445-157737665
## 723	chr2 157737546	-	C	20	chr2:157736445-157737665
## 724	chr2 157737547	+	A	229	chr2:157736445-157737665
## 725	chr2 157737547	-	A	20	chr2:157736445-157737665
## 726	chr2 157737547	+	T	1	chr2:157736445-157737665
## 727	chr2 157737548	+	A	230	chr2:157736445-157737665
## 728	chr2 157737548	-	A	20	chr2:157736445-157737665
## 729	chr2 157737549	+	T	230	chr2:157736445-157737665
## 730	chr2 157737549	-	T	20	chr2:157736445-157737665
## 731	chr2 157737550	+	T	229	chr2:157736445-157737665
## 732	chr2 157737550	-	T	21	chr2:157736445-157737665
## 733	chr2 157737551	+	G	1	chr2:157736445-157737665
## 734	chr2 157737551	+	T	229	chr2:157736445-157737665
## 735	chr2 157737551	-	T	19	chr2:157736445-157737665
## 736	chr2 157737552	-	A	1	chr2:157736445-157737665
## 737	chr2 157737552	+	G	229	chr2:157736445-157737665
## 738	chr2 157737552	-	G	17	chr2:157736445-157737665
## 739	chr2 157737553	+	G	1	chr2:157736445-157737665
## 740	chr2 157737553	+	T	229	chr2:157736445-157737665

## 741	chr2 157737553	-	T	18	chr2:157736445-157737665
## 742	chr2 157737554	+	C	231	chr2:157736445-157737665
## 743	chr2 157737554	-	C	15	chr2:157736445-157737665
## 744	chr2 157737555	+	G	234	chr2:157736445-157737665
## 745	chr2 157737555	-	G	11	chr2:157736445-157737665
## 746	chr2 157737556	+	A	239	chr2:157736445-157737665
## 747	chr2 157737556	-	A	10	chr2:157736445-157737665
## 748	chr2 157737557	+	G	238	chr2:157736445-157737665
## 749	chr2 157737557	-	G	10	chr2:157736445-157737665
## 750	chr2 157737558	+	G	239	chr2:157736445-157737665
## 751	chr2 157737558	-	G	10	chr2:157736445-157737665
## 752	chr2 157737559	+	G	240	chr2:157736445-157737665
## 753	chr2 157737559	-	G	10	chr2:157736445-157737665
## 754	chr2 157737560	+	A	240	chr2:157736445-157737665
## 755	chr2 157737560	-	A	10	chr2:157736445-157737665
## 756	chr2 157737561	+	A	238	chr2:157736445-157737665
## 757	chr2 157737561	-	A	10	chr2:157736445-157737665
## 758	chr2 157737562	+	A	1	chr2:157736445-157737665
## 759	chr2 157737562	+	T	239	chr2:157736445-157737665
## 760	chr2 157737562	-	T	10	chr2:157736445-157737665
## 761	chr2 157737563	+	T	236	chr2:157736445-157737665
## 762	chr2 157737563	-	T	10	chr2:157736445-157737665
## 763	chr2 157737564	+	A	241	chr2:157736445-157737665
## 764	chr2 157737564	-	A	9	chr2:157736445-157737665
## 765	chr2 157737565	+	T	237	chr2:157736445-157737665
## 766	chr2 157737565	-	T	9	chr2:157736445-157737665
## 767	chr2 157737566	+	C	237	chr2:157736445-157737665
## 768	chr2 157737566	-	C	9	chr2:157736445-157737665
## 769	chr2 157737567	+	A	241	chr2:157736445-157737665
## 770	chr2 157737567	-	A	9	chr2:157736445-157737665
## 771	chr2 157737568	+	A	235	chr2:157736445-157737665
## 772	chr2 157737568	-	A	7	chr2:157736445-157737665
## 773	chr2 157737569	+	T	239	chr2:157736445-157737665
## 774	chr2 157737569	-	T	7	chr2:157736445-157737665
## 775	chr2 157737570	+	T	241	chr2:157736445-157737665
## 776	chr2 157737570	-	T	7	chr2:157736445-157737665
## 777	chr2 157737571	+	T	228	chr2:157736445-157737665
## 778	chr2 157737571	-	T	7	chr2:157736445-157737665
## 779	chr2 157737572	+	T	235	chr2:157736445-157737665
## 780	chr2 157737572	-	T	7	chr2:157736445-157737665
## 781	chr2 157737573	+	G	233	chr2:157736445-157737665
## 782	chr2 157737573	-	G	11	chr2:157736445-157737665
## 783	chr2 157737574	+	G	237	chr2:157736445-157737665
## 784	chr2 157737574	-	G	12	chr2:157736445-157737665
## 785	chr2 157737575	+	T	235	chr2:157736445-157737665
## 786	chr2 157737575	-	T	12	chr2:157736445-157737665
## 787	chr2 157737576	+	C	237	chr2:157736445-157737665
## 788	chr2 157737576	-	C	12	chr2:157736445-157737665
## 789	chr2 157737577	+	A	235	chr2:157736445-157737665
## 790	chr2 157737577	-	A	12	chr2:157736445-157737665
## 791	chr2 157737578	+	A	231	chr2:157736445-157737665
## 792	chr2 157737578	-	A	12	chr2:157736445-157737665
## 793	chr2 157737579	+	A	227	chr2:157736445-157737665
## 794	chr2 157737579	-	A	12	chr2:157736445-157737665

## 795	chr2 157737580	+	G	228	chr2:157736445-157737665
## 796	chr2 157737580	-	G	17	chr2:157736445-157737665
## 797	chr2 157737581	+	T	230	chr2:157736445-157737665
## 798	chr2 157737581	-	T	19	chr2:157736445-157737665
## 799	chr2 157737582	+	C	218	chr2:157736445-157737665
## 800	chr2 157737582	-	C	19	chr2:157736445-157737665
## 801	chr2 157737583	+	T	225	chr2:157736445-157737665
## 802	chr2 157737583	-	T	23	chr2:157736445-157737665
## 803	chr2 157737584	+	T	223	chr2:157736445-157737665
## 804	chr2 157737584	-	T	23	chr2:157736445-157737665
## 805	chr2 157737585	+	T	219	chr2:157736445-157737665
## 806	chr2 157737585	-	T	23	chr2:157736445-157737665
## 807	chr2 157737586	+	T	218	chr2:157736445-157737665
## 808	chr2 157737586	-	T	23	chr2:157736445-157737665
## 809	chr2 157737587	+	T	222	chr2:157736445-157737665
## 810	chr2 157737587	-	T	23	chr2:157736445-157737665
## 811	chr2 157737588	+	G	222	chr2:157736445-157737665
## 812	chr2 157737588	-	G	26	chr2:157736445-157737665
## 813	chr2 157737589	+	A	223	chr2:157736445-157737665
## 814	chr2 157737589	-	A	26	chr2:157736445-157737665
## 815	chr2 157737590	+	T	217	chr2:157736445-157737665
## 816	chr2 157737590	-	T	26	chr2:157736445-157737665
## 817	chr2 157737591	+	A	225	chr2:157736445-157737665
## 818	chr2 157737591	-	A	23	chr2:157736445-157737665
## 819	chr2 157737592	+	C	226	chr2:157736445-157737665
## 820	chr2 157737592	-	C	23	chr2:157736445-157737665
## 821	chr2 157737592	+	T	1	chr2:157736445-157737665
## 822	chr2 157737593	+	G	227	chr2:157736445-157737665
## 823	chr2 157737593	-	G	23	chr2:157736445-157737665
## 824	chr2 157737594	+	C	227	chr2:157736445-157737665
## 825	chr2 157737594	-	C	23	chr2:157736445-157737665
## 826	chr2 157737595	+	A	225	chr2:157736445-157737665
## 827	chr2 157737595	-	A	23	chr2:157736445-157737665
## 828	chr2 157737596	+	G	226	chr2:157736445-157737665
## 829	chr2 157737596	-	G	23	chr2:157736445-157737665
## 830	chr2 157737597	+	T	227	chr2:157736445-157737665
## 831	chr2 157737597	-	T	22	chr2:157736445-157737665
## 832	chr2 157737598	+	G	225	chr2:157736445-157737665
## 833	chr2 157737598	-	G	22	chr2:157736445-157737665
## 834	chr2 157737599	+	C	224	chr2:157736445-157737665
## 835	chr2 157737599	-	C	25	chr2:157736445-157737665
## 836	chr2 157737600	+	T	225	chr2:157736445-157737665
## 837	chr2 157737600	-	T	25	chr2:157736445-157737665
## 838	chr2 157737601	+	G	225	chr2:157736445-157737665
## 839	chr2 157737601	-	G	25	chr2:157736445-157737665
## 840	chr2 157737602	+	T	225	chr2:157736445-157737665
## 841	chr2 157737602	-	T	25	chr2:157736445-157737665
## 842	chr2 157737603	+	G	225	chr2:157736445-157737665
## 843	chr2 157737603	-	G	25	chr2:157736445-157737665
## 844	chr2 157737604	+	A	224	chr2:157736445-157737665
## 845	chr2 157737604	-	A	25	chr2:157736445-157737665
## 846	chr2 157737605	+	G	224	chr2:157736445-157737665
## 847	chr2 157737605	-	G	25	chr2:157736445-157737665
## 848	chr2 157737606	+	T	225	chr2:157736445-157737665

## 849	chr2 157737606	-	T	25	chr2:157736445-157737665
## 850	chr2 157737607	+	C	225	chr2:157736445-157737665
## 851	chr2 157737607	-	C	25	chr2:157736445-157737665
## 852	chr2 157737608	+	C	1	chr2:157736445-157737665
## 853	chr2 157737608	+	T	222	chr2:157736445-157737665
## 854	chr2 157737608	-	T	25	chr2:157736445-157737665
## 855	chr2 157737609	+	T	223	chr2:157736445-157737665
## 856	chr2 157737609	-	T	25	chr2:157736445-157737665
## 857	chr2 157737610	+	G	225	chr2:157736445-157737665
## 858	chr2 157737610	-	G	25	chr2:157736445-157737665
## 859	chr2 157737611	+	C	225	chr2:157736445-157737665
## 860	chr2 157737611	-	C	25	chr2:157736445-157737665
## 861	chr2 157737612	+	G	224	chr2:157736445-157737665
## 862	chr2 157737612	-	G	25	chr2:157736445-157737665
## 863	chr2 157737613	+	G	225	chr2:157736445-157737665
## 864	chr2 157737613	-	G	25	chr2:157736445-157737665
## 865	chr2 157737614	+	A	224	chr2:157736445-157737665
## 866	chr2 157737614	-	A	25	chr2:157736445-157737665
## 867	chr2 157737615	+	T	225	chr2:157736445-157737665
## 868	chr2 157737615	-	T	25	chr2:157736445-157737665
## 869	chr2 157737616	+	G	224	chr2:157736445-157737665
## 870	chr2 157737616	-	G	26	chr2:157736445-157737665
## 871	chr2 157737617	+	G	222	chr2:157736445-157737665
## 872	chr2 157737617	-	G	26	chr2:157736445-157737665
## 873	chr2 157737618	+	A	222	chr2:157736445-157737665
## 874	chr2 157737618	-	A	26	chr2:157736445-157737665
## 875	chr2 157737619	+	T	224	chr2:157736445-157737665
## 876	chr2 157737619	-	T	26	chr2:157736445-157737665
## 877	chr2 157737620	+	T	225	chr2:157736445-157737665
## 878	chr2 157737620	-	T	26	chr2:157736445-157737665
## 879	chr2 157737621	+	T	225	chr2:157736445-157737665
## 880	chr2 157737621	-	T	25	chr2:157736445-157737665
## 881	chr2 157737622	+	T	225	chr2:157736445-157737665
## 882	chr2 157737622	-	T	25	chr2:157736445-157737665
## 883	chr2 157737623	+	G	225	chr2:157736445-157737665
## 884	chr2 157737623	-	G	25	chr2:157736445-157737665
## 885	chr2 157737624	+	A	224	chr2:157736445-157737665
## 886	chr2 157737624	-	A	25	chr2:157736445-157737665
## 887	chr2 157737624	+	C	1	chr2:157736445-157737665
## 888	chr2 157737625	+	T	226	chr2:157736445-157737665
## 889	chr2 157737625	-	T	24	chr2:157736445-157737665
## 890	chr2 157737626	+	A	226	chr2:157736445-157737665
## 891	chr2 157737626	-	A	24	chr2:157736445-157737665
## 892	chr2 157737627	+	C	225	chr2:157736445-157737665
## 893	chr2 157737627	-	C	24	chr2:157736445-157737665
## 894	chr2 157737628	+	C	218	chr2:157736445-157737665
## 895	chr2 157737628	-	C	24	chr2:157736445-157737665
## 896	chr2 157737629	+	A	219	chr2:157736445-157737665
## 897	chr2 157737629	-	A	29	chr2:157736445-157737665
## 898	chr2 157737630	+	G	217	chr2:157736445-157737665
## 899	chr2 157737630	-	G	29	chr2:157736445-157737665
## 900	chr2 157737631	+	C	215	chr2:157736445-157737665
## 901	chr2 157737631	-	C	29	chr2:157736445-157737665
## 902	chr2 157737631	+	T	1	chr2:157736445-157737665

## 903	chr2 157737632	+	A	220	chr2:157736445-157737665
## 904	chr2 157737632	-	A	29	chr2:157736445-157737665
## 905	chr2 157737633	+	T	219	chr2:157736445-157737665
## 906	chr2 157737633	-	T	29	chr2:157736445-157737665
## 907	chr2 157737634	+	T	220	chr2:157736445-157737665
## 908	chr2 157737634	-	T	29	chr2:157736445-157737665
## 909	chr2 157737635	+	C	221	chr2:157736445-157737665
## 910	chr2 157737635	-	C	29	chr2:157736445-157737665
## 911	chr2 157737636	+	T	221	chr2:157736445-157737665
## 912	chr2 157737636	-	T	29	chr2:157736445-157737665
## 913	chr2 157737637	+	T	219	chr2:157736445-157737665
## 914	chr2 157737637	-	T	29	chr2:157736445-157737665
## 915	chr2 157737638	+	T	220	chr2:157736445-157737665
## 916	chr2 157737638	-	T	30	chr2:157736445-157737665
## 917	chr2 157737639	+	C	214	chr2:157736445-157737665
## 918	chr2 157737639	-	C	30	chr2:157736445-157737665
## 919	chr2 157737639	+	T	2	chr2:157736445-157737665
## 920	chr2 157737640	+	A	220	chr2:157736445-157737665
## 921	chr2 157737640	-	A	30	chr2:157736445-157737665
## 922	chr2 157737641	+	T	216	chr2:157736445-157737665
## 923	chr2 157737641	-	T	30	chr2:157736445-157737665
## 924	chr2 157737642	+	T	216	chr2:157736445-157737665
## 925	chr2 157737642	-	T	30	chr2:157736445-157737665
## 926	chr2 157737643	+	A	220	chr2:157736445-157737665
## 927	chr2 157737643	-	A	30	chr2:157736445-157737665
## 928	chr2 157737644	+	G	212	chr2:157736445-157737665
## 929	chr2 157737644	-	G	30	chr2:157736445-157737665
## 930	chr2 157737645	+	C	214	chr2:157736445-157737665
## 931	chr2 157737645	-	C	32	chr2:157736445-157737665
## 932	chr2 157737646	+	T	213	chr2:157736445-157737665
## 933	chr2 157737646	-	T	35	chr2:157736445-157737665
## 934	chr2 157737647	+	T	205	chr2:157736445-157737665
## 935	chr2 157737647	-	T	35	chr2:157736445-157737665
## 936	chr2 157737648	+	C	1	chr2:157736445-157737665
## 937	chr2 157737648	+	G	208	chr2:157736445-157737665
## 938	chr2 157737648	-	G	35	chr2:157736445-157737665
## 939	chr2 157737649	+	G	204	chr2:157736445-157737665
## 940	chr2 157737649	-	G	40	chr2:157736445-157737665
## 941	chr2 157737650	+	C	208	chr2:157736445-157737665
## 942	chr2 157737650	-	C	41	chr2:157736445-157737665
## 943	chr2 157737651	+	C	206	chr2:157736445-157737665
## 944	chr2 157737651	-	C	41	chr2:157736445-157737665
## 945	chr2 157737652	+	A	208	chr2:157736445-157737665
## 946	chr2 157737652	-	A	41	chr2:157736445-157737665
## 947	chr2 157737653	+	G	205	chr2:157736445-157737665
## 948	chr2 157737653	-	G	42	chr2:157736445-157737665
## 949	chr2 157737654	+	A	200	chr2:157736445-157737665
## 950	chr2 157737654	-	A	42	chr2:157736445-157737665
## 951	chr2 157737654	+	G	1	chr2:157736445-157737665
## 952	chr2 157737655	+	G	195	chr2:157736445-157737665
## 953	chr2 157737655	-	G	44	chr2:157736445-157737665
## 954	chr2 157737656	+	A	194	chr2:157736445-157737665
## 955	chr2 157737656	-	A	51	chr2:157736445-157737665
## 956	chr2 157737657	+	G	198	chr2:157736445-157737665

## 957	chr2 157737657	-	G	51	chr2:157736445-157737665
## 958	chr2 157737658	+	G	188	chr2:157736445-157737665
## 959	chr2 157737658	-	G	47	chr2:157736445-157737665
## 960	chr2 157737659	+	T	189	chr2:157736445-157737665
## 961	chr2 157737659	-	T	49	chr2:157736445-157737665
## 962	chr2 157737660	+	T	184	chr2:157736445-157737665
## 963	chr2 157737660	-	T	54	chr2:157736445-157737665
## 964	chr2 157737661	+	A	176	chr2:157736445-157737665
## 965	chr2 157737661	-	A	62	chr2:157736445-157737665
## 966	chr2 157737662	+	A	166	chr2:157736445-157737665
## 967	chr2 157737662	-	A	75	chr2:157736445-157737665
## 968	chr2 157737663	+	T	174	chr2:157736445-157737665
## 969	chr2 157737663	-	T	72	chr2:157736445-157737665
## 970	chr2 157737664	+	G	171	chr2:157736445-157737665
## 971	chr2 157737664	-	G	77	chr2:157736445-157737665
## 972	chr2 157737665	+	A	1	chr2:157736445-157737665
## 973	chr2 157737665	+	T	173	chr2:157736445-157737665
## 974	chr2 157737665	-	T	75	chr2:157736445-157737665
## 975	chr2 157738439	+	C	255	chr2:157738439-157738570
## 976	chr2 157738439	-	C	36	chr2:157738439-157738570
## 977	chr2 157738440	+	C	255	chr2:157738439-157738570
## 978	chr2 157738440	-	C	36	chr2:157738439-157738570
## 979	chr2 157738440	+	T	1	chr2:157738439-157738570
## 980	chr2 157738441	+	A	2	chr2:157738439-157738570
## 981	chr2 157738441	+	G	253	chr2:157738439-157738570
## 982	chr2 157738441	-	G	36	chr2:157738439-157738570
## 983	chr2 157738442	+	G	253	chr2:157738439-157738570
## 984	chr2 157738442	-	G	36	chr2:157738439-157738570
## 985	chr2 157738443	+	G	242	chr2:157738439-157738570
## 986	chr2 157738443	-	G	37	chr2:157738439-157738570
## 987	chr2 157738444	+	T	239	chr2:157738439-157738570
## 988	chr2 157738444	-	T	37	chr2:157738439-157738570
## 989	chr2 157738445	+	C	240	chr2:157738439-157738570
## 990	chr2 157738445	-	C	35	chr2:157738439-157738570
## 991	chr2 157738446	+	C	1	chr2:157738439-157738570
## 992	chr2 157738446	+	T	237	chr2:157738439-157738570
## 993	chr2 157738446	-	T	35	chr2:157738439-157738570
## 994	chr2 157738447	-	A	1	chr2:157738439-157738570
## 995	chr2 157738447	+	G	233	chr2:157738439-157738570
## 996	chr2 157738447	-	G	34	chr2:157738439-157738570
## 997	chr2 157738448	+	A	230	chr2:157738439-157738570
## 998	chr2 157738448	-	A	35	chr2:157738439-157738570
## 999	chr2 157738449	+	G	229	chr2:157738439-157738570
## 1000	chr2 157738449	-	G	35	chr2:157738439-157738570
## 1001	chr2 157738450	+	A	228	chr2:157738439-157738570
## 1002	chr2 157738450	-	A	35	chr2:157738439-157738570
## 1003	chr2 157738451	+	A	227	chr2:157738439-157738570
## 1004	chr2 157738451	-	A	34	chr2:157738439-157738570
## 1005	chr2 157738452	+	C	228	chr2:157738439-157738570
## 1006	chr2 157738452	-	C	34	chr2:157738439-157738570
## 1007	chr2 157738453	+	C	228	chr2:157738439-157738570
## 1008	chr2 157738453	-	C	34	chr2:157738439-157738570
## 1009	chr2 157738454	+	A	226	chr2:157738439-157738570
## 1010	chr2 157738454	-	A	34	chr2:157738439-157738570

## 1011	chr2 157738455	+	T	211	chr2:157738439-157738570
## 1012	chr2 157738455	-	T	34	chr2:157738439-157738570
## 1013	chr2 157738456	+	C	206	chr2:157738439-157738570
## 1014	chr2 157738456	-	C	31	chr2:157738439-157738570
## 1015	chr2 157738457	+	T	205	chr2:157738439-157738570
## 1016	chr2 157738457	-	T	28	chr2:157738439-157738570
## 1017	chr2 157738458	+	G	214	chr2:157738439-157738570
## 1018	chr2 157738458	-	G	33	chr2:157738439-157738570
## 1019	chr2 157738459	+	T	192	chr2:157738439-157738570
## 1020	chr2 157738459	-	T	30	chr2:157738439-157738570
## 1021	chr2 157738460	+	T	178	chr2:157738439-157738570
## 1022	chr2 157738460	-	T	33	chr2:157738439-157738570
## 1023	chr2 157738461	+	G	177	chr2:157738439-157738570
## 1024	chr2 157738461	-	G	31	chr2:157738439-157738570
## 1025	chr2 157738462	+	G	178	chr2:157738439-157738570
## 1026	chr2 157738462	-	G	44	chr2:157738439-157738570
## 1027	chr2 157738463	+	G	175	chr2:157738439-157738570
## 1028	chr2 157738463	-	G	53	chr2:157738439-157738570
## 1029	chr2 157738464	+	T	178	chr2:157738439-157738570
## 1030	chr2 157738464	-	T	56	chr2:157738439-157738570
## 1031	chr2 157738465	+	A	178	chr2:157738439-157738570
## 1032	chr2 157738465	-	A	58	chr2:157738439-157738570
## 1033	chr2 157738466	+	T	180	chr2:157738439-157738570
## 1034	chr2 157738466	-	T	58	chr2:157738439-157738570
## 1035	chr2 157738467	+	G	166	chr2:157738439-157738570
## 1036	chr2 157738467	-	G	63	chr2:157738439-157738570
## 1037	chr2 157738468	+	T	166	chr2:157738439-157738570
## 1038	chr2 157738468	-	T	72	chr2:157738439-157738570
## 1039	chr2 157738469	-	C	1	chr2:157738439-157738570
## 1040	chr2 157738469	+	T	155	chr2:157738439-157738570
## 1041	chr2 157738469	-	T	83	chr2:157738439-157738570
## 1042	chr2 157738470	+	T	149	chr2:157738439-157738570
## 1043	chr2 157738470	-	T	87	chr2:157738439-157738570
## 1044	chr2 157738471	+	G	147	chr2:157738439-157738570
## 1045	chr2 157738471	-	G	93	chr2:157738439-157738570
## 1046	chr2 157738472	+	G	135	chr2:157738439-157738570
## 1047	chr2 157738472	-	G	87	chr2:157738439-157738570
## 1048	chr2 157738472	-	T	1	chr2:157738439-157738570
## 1049	chr2 157738473	-	A	2	chr2:157738439-157738570
## 1050	chr2 157738473	+	C	139	chr2:157738439-157738570
## 1051	chr2 157738473	-	C	90	chr2:157738439-157738570
## 1052	chr2 157738474	+	C	144	chr2:157738439-157738570
## 1053	chr2 157738474	-	C	98	chr2:157738439-157738570
## 1054	chr2 157738475	+	T	145	chr2:157738439-157738570
## 1055	chr2 157738475	-	T	105	chr2:157738439-157738570
## 1056	chr2 157738476	+	T	145	chr2:157738439-157738570
## 1057	chr2 157738476	-	T	105	chr2:157738439-157738570
## 1058	chr2 157738477	+	T	145	chr2:157738439-157738570
## 1059	chr2 157738477	-	T	105	chr2:157738439-157738570
## 1060	chr2 157738478	-	A	1	chr2:157738439-157738570
## 1061	chr2 157738478	+	G	146	chr2:157738439-157738570
## 1062	chr2 157738478	-	G	104	chr2:157738439-157738570
## 1063	chr2 157738479	+	T	146	chr2:157738439-157738570
## 1064	chr2 157738479	-	T	105	chr2:157738439-157738570

## 1065	chr2 157738480	+	T	145	chr2:157738439-157738570
## 1066	chr2 157738480	-	T	106	chr2:157738439-157738570
## 1067	chr2 157738481	+	G	145	chr2:157738439-157738570
## 1068	chr2 157738481	-	G	106	chr2:157738439-157738570
## 1069	chr2 157738482	+	A	145	chr2:157738439-157738570
## 1070	chr2 157738482	-	A	106	chr2:157738439-157738570
## 1071	chr2 157738483	+	T	145	chr2:157738439-157738570
## 1072	chr2 157738483	-	T	106	chr2:157738439-157738570
## 1073	chr2 157738484	+	A	1	chr2:157738439-157738570
## 1074	chr2 157738484	+	C	144	chr2:157738439-157738570
## 1075	chr2 157738484	-	C	106	chr2:157738439-157738570
## 1076	chr2 157738485	+	C	145	chr2:157738439-157738570
## 1077	chr2 157738485	-	C	106	chr2:157738439-157738570
## 1078	chr2 157738486	+	A	145	chr2:157738439-157738570
## 1079	chr2 157738486	-	A	106	chr2:157738439-157738570
## 1080	chr2 157738487	+	C	144	chr2:157738439-157738570
## 1081	chr2 157738487	-	C	106	chr2:157738439-157738570
## 1082	chr2 157738487	+	T	1	chr2:157738439-157738570
## 1083	chr2 157738488	+	A	145	chr2:157738439-157738570
## 1084	chr2 157738488	-	A	106	chr2:157738439-157738570
## 1085	chr2 157738489	+	C	145	chr2:157738439-157738570
## 1086	chr2 157738489	-	C	106	chr2:157738439-157738570
## 1087	chr2 157738490	+	A	145	chr2:157738439-157738570
## 1088	chr2 157738490	-	A	106	chr2:157738439-157738570
## 1089	chr2 157738491	+	G	144	chr2:157738439-157738570
## 1090	chr2 157738491	-	G	107	chr2:157738439-157738570
## 1091	chr2 157738492	+	A	144	chr2:157738439-157738570
## 1092	chr2 157738492	-	A	107	chr2:157738439-157738570
## 1093	chr2 157738493	+	C	144	chr2:157738439-157738570
## 1094	chr2 157738493	-	C	107	chr2:157738439-157738570
## 1095	chr2 157738494	+	T	144	chr2:157738439-157738570
## 1096	chr2 157738494	-	T	107	chr2:157738439-157738570
## 1097	chr2 157738495	+	A	144	chr2:157738439-157738570
## 1098	chr2 157738495	-	A	107	chr2:157738439-157738570
## 1099	chr2 157738496	+	C	143	chr2:157738439-157738570
## 1100	chr2 157738496	-	C	108	chr2:157738439-157738570
## 1101	chr2 157738497	+	C	143	chr2:157738439-157738570
## 1102	chr2 157738497	-	C	108	chr2:157738439-157738570
## 1103	chr2 157738498	+	T	141	chr2:157738439-157738570
## 1104	chr2 157738498	-	T	109	chr2:157738439-157738570
## 1105	chr2 157738499	+	T	141	chr2:157738439-157738570
## 1106	chr2 157738499	-	T	109	chr2:157738439-157738570
## 1107	chr2 157738500	+	C	140	chr2:157738439-157738570
## 1108	chr2 157738500	-	C	109	chr2:157738439-157738570
## 1109	chr2 157738500	+	T	1	chr2:157738439-157738570
## 1110	chr2 157738501	+	C	141	chr2:157738439-157738570
## 1111	chr2 157738501	-	C	109	chr2:157738439-157738570
## 1112	chr2 157738502	+	T	140	chr2:157738439-157738570
## 1113	chr2 157738502	-	T	110	chr2:157738439-157738570
## 1114	chr2 157738503	-	A	1	chr2:157738439-157738570
## 1115	chr2 157738503	+	C	140	chr2:157738439-157738570
## 1116	chr2 157738503	-	C	108	chr2:157738439-157738570
## 1117	chr2 157738504	+	A	139	chr2:157738439-157738570
## 1118	chr2 157738504	-	A	107	chr2:157738439-157738570

## 1119	chr2 157738504	+	T	1	chr2:157738439-157738570
## 1120	chr2 157738505	+	T	143	chr2:157738439-157738570
## 1121	chr2 157738505	-	T	107	chr2:157738439-157738570
## 1122	chr2 157738506	+	A	143	chr2:157738439-157738570
## 1123	chr2 157738506	-	A	107	chr2:157738439-157738570
## 1124	chr2 157738507	+	T	143	chr2:157738439-157738570
## 1125	chr2 157738507	-	T	107	chr2:157738439-157738570
## 1126	chr2 157738508	+	C	143	chr2:157738439-157738570
## 1127	chr2 157738508	-	C	107	chr2:157738439-157738570
## 1128	chr2 157738509	+	T	142	chr2:157738439-157738570
## 1129	chr2 157738509	-	T	108	chr2:157738439-157738570
## 1130	chr2 157738510	+	A	1	chr2:157738439-157738570
## 1131	chr2 157738510	-	A	1	chr2:157738439-157738570
## 1132	chr2 157738510	+	T	140	chr2:157738439-157738570
## 1133	chr2 157738510	-	T	108	chr2:157738439-157738570
## 1134	chr2 157738511	+	C	140	chr2:157738439-157738570
## 1135	chr2 157738511	-	C	109	chr2:157738439-157738570
## 1136	chr2 157738511	-	T	1	chr2:157738439-157738570
## 1137	chr2 157738512	+	A	140	chr2:157738439-157738570
## 1138	chr2 157738512	-	A	110	chr2:157738439-157738570
## 1139	chr2 157738513	+	A	140	chr2:157738439-157738570
## 1140	chr2 157738513	-	A	110	chr2:157738439-157738570
## 1141	chr2 157738514	+	A	140	chr2:157738439-157738570
## 1142	chr2 157738514	-	A	110	chr2:157738439-157738570
## 1143	chr2 157738515	+	A	141	chr2:157738439-157738570
## 1144	chr2 157738515	-	A	110	chr2:157738439-157738570
## 1145	chr2 157738516	+	C	141	chr2:157738439-157738570
## 1146	chr2 157738516	-	C	110	chr2:157738439-157738570
## 1147	chr2 157738517	+	T	139	chr2:157738439-157738570
## 1148	chr2 157738517	-	T	111	chr2:157738439-157738570
## 1149	chr2 157738518	+	T	139	chr2:157738439-157738570
## 1150	chr2 157738518	-	T	111	chr2:157738439-157738570
## 1151	chr2 157738519	+	G	139	chr2:157738439-157738570
## 1152	chr2 157738519	-	G	111	chr2:157738439-157738570
## 1153	chr2 157738520	+	G	139	chr2:157738439-157738570
## 1154	chr2 157738520	-	G	111	chr2:157738439-157738570
## 1155	chr2 157738521	+	G	139	chr2:157738439-157738570
## 1156	chr2 157738521	-	G	111	chr2:157738439-157738570
## 1157	chr2 157738522	+	T	138	chr2:157738439-157738570
## 1158	chr2 157738522	-	T	112	chr2:157738439-157738570
## 1159	chr2 157738523	+	C	138	chr2:157738439-157738570
## 1160	chr2 157738523	-	C	112	chr2:157738439-157738570
## 1161	chr2 157738524	+	A	138	chr2:157738439-157738570
## 1162	chr2 157738524	-	A	112	chr2:157738439-157738570
## 1163	chr2 157738525	+	T	137	chr2:157738439-157738570
## 1164	chr2 157738525	-	T	111	chr2:157738439-157738570
## 1165	chr2 157738526	+	T	137	chr2:157738439-157738570
## 1166	chr2 157738526	-	T	113	chr2:157738439-157738570
## 1167	chr2 157738527	+	A	1	chr2:157738439-157738570
## 1168	chr2 157738527	+	G	135	chr2:157738439-157738570
## 1169	chr2 157738527	-	G	114	chr2:157738439-157738570
## 1170	chr2 157738528	+	G	134	chr2:157738439-157738570
## 1171	chr2 157738528	-	G	115	chr2:157738439-157738570
## 1172	chr2 157738529	+	G	134	chr2:157738439-157738570

## 1173	chr2 157738529	-	G 116	chr2:157738439-157738570
## 1174	chr2 157738530	+	A 132	chr2:157738439-157738570
## 1175	chr2 157738530	-	A 116	chr2:157738439-157738570
## 1176	chr2 157738531	+	A 129	chr2:157738439-157738570
## 1177	chr2 157738531	-	A 117	chr2:157738439-157738570
## 1178	chr2 157738531	+	G 1	chr2:157738439-157738570
## 1179	chr2 157738532	+	C 121	chr2:157738439-157738570
## 1180	chr2 157738532	-	C 121	chr2:157738439-157738570
## 1181	chr2 157738533	+	C 109	chr2:157738439-157738570
## 1182	chr2 157738533	-	C 119	chr2:157738439-157738570
## 1183	chr2 157738534	+	A 105	chr2:157738439-157738570
## 1184	chr2 157738534	-	A 120	chr2:157738439-157738570
## 1185	chr2 157738535	+	C 102	chr2:157738439-157738570
## 1186	chr2 157738535	-	C 124	chr2:157738439-157738570
## 1187	chr2 157738536	+	A 102	chr2:157738439-157738570
## 1188	chr2 157738536	-	A 136	chr2:157738439-157738570
## 1189	chr2 157738536	-	T 1	chr2:157738439-157738570
## 1190	chr2 157738537	+	T 103	chr2:157738439-157738570
## 1191	chr2 157738537	-	T 125	chr2:157738439-157738570
## 1192	chr2 157738538	+	A 1	chr2:157738439-157738570
## 1193	chr2 157738538	+	C 101	chr2:157738439-157738570
## 1194	chr2 157738538	-	C 118	chr2:157738439-157738570
## 1195	chr2 157738539	+	G 93	chr2:157738439-157738570
## 1196	chr2 157738539	-	G 125	chr2:157738439-157738570
## 1197	chr2 157738540	+	T 84	chr2:157738439-157738570
## 1198	chr2 157738540	-	T 122	chr2:157738439-157738570
## 1199	chr2 157738541	+	A 81	chr2:157738439-157738570
## 1200	chr2 157738541	-	A 131	chr2:157738439-157738570
## 1201	chr2 157738542	+	G 82	chr2:157738439-157738570
## 1202	chr2 157738542	-	G 133	chr2:157738439-157738570
## 1203	chr2 157738543	+	A 79	chr2:157738439-157738570
## 1204	chr2 157738543	-	A 125	chr2:157738439-157738570
## 1205	chr2 157738544	+	A 79	chr2:157738439-157738570
## 1206	chr2 157738544	-	A 120	chr2:157738439-157738570
## 1207	chr2 157738545	+	C 80	chr2:157738439-157738570
## 1208	chr2 157738545	-	C 123	chr2:157738439-157738570
## 1209	chr2 157738545	-	T 1	chr2:157738439-157738570
## 1210	chr2 157738546	+	G 71	chr2:157738439-157738570
## 1211	chr2 157738546	-	G 130	chr2:157738439-157738570
## 1212	chr2 157738547	+	G 69	chr2:157738439-157738570
## 1213	chr2 157738547	-	G 127	chr2:157738439-157738570
## 1214	chr2 157738548	+	T 64	chr2:157738439-157738570
## 1215	chr2 157738548	-	T 128	chr2:157738439-157738570
## 1216	chr2 157738549	+	G 60	chr2:157738439-157738570
## 1217	chr2 157738549	-	G 124	chr2:157738439-157738570
## 1218	chr2 157738550	+	G 58	chr2:157738439-157738570
## 1219	chr2 157738550	-	G 124	chr2:157738439-157738570
## 1220	chr2 157738550	-	T 1	chr2:157738439-157738570
## 1221	chr2 157738551	+	C 58	chr2:157738439-157738570
## 1222	chr2 157738551	-	C 129	chr2:157738439-157738570
## 1223	chr2 157738552	+	T 60	chr2:157738439-157738570
## 1224	chr2 157738552	-	T 130	chr2:157738439-157738570
## 1225	chr2 157738553	+	T 59	chr2:157738439-157738570
## 1226	chr2 157738553	-	T 135	chr2:157738439-157738570

## 1227	chr2 157738554	+	G	59	chr2:157738439-157738570
## 1228	chr2 157738554	-	G	142	chr2:157738439-157738570
## 1229	chr2 157738555	+	T	60	chr2:157738439-157738570
## 1230	chr2 157738555	-	T	150	chr2:157738439-157738570
## 1231	chr2 157738556	+	A	59	chr2:157738439-157738570
## 1232	chr2 157738556	-	A	157	chr2:157738439-157738570
## 1233	chr2 157738557	+	A	59	chr2:157738439-157738570
## 1234	chr2 157738557	-	A	166	chr2:157738439-157738570
## 1235	chr2 157738558	+	T	59	chr2:157738439-157738570
## 1236	chr2 157738558	-	T	173	chr2:157738439-157738570
## 1237	chr2 157738559	+	C	60	chr2:157738439-157738570
## 1238	chr2 157738559	-	C	173	chr2:157738439-157738570
## 1239	chr2 157738560	+	C	61	chr2:157738439-157738570
## 1240	chr2 157738560	-	C	184	chr2:157738439-157738570
## 1241	chr2 157738561	+	T	61	chr2:157738439-157738570
## 1242	chr2 157738561	-	T	189	chr2:157738439-157738570
## 1243	chr2 157738562	-	A	1	chr2:157738439-157738570
## 1244	chr2 157738562	+	C	61	chr2:157738439-157738570
## 1245	chr2 157738562	-	C	188	chr2:157738439-157738570
## 1246	chr2 157738563	+	C	60	chr2:157738439-157738570
## 1247	chr2 157738563	-	C	189	chr2:157738439-157738570
## 1248	chr2 157738564	+	A	59	chr2:157738439-157738570
## 1249	chr2 157738564	-	A	191	chr2:157738439-157738570
## 1250	chr2 157738565	+	C	58	chr2:157738439-157738570
## 1251	chr2 157738565	-	C	192	chr2:157738439-157738570
## 1252	chr2 157738566	+	T	59	chr2:157738439-157738570
## 1253	chr2 157738566	-	T	191	chr2:157738439-157738570
## 1254	chr2 157738567	+	A	58	chr2:157738439-157738570
## 1255	chr2 157738567	-	A	192	chr2:157738439-157738570
## 1256	chr2 157738568	+	T	56	chr2:157738439-157738570
## 1257	chr2 157738568	-	T	193	chr2:157738439-157738570
## 1258	chr2 157738569	+	A	56	chr2:157738439-157738570
## 1259	chr2 157738569	-	A	195	chr2:157738439-157738570
## 1260	chr2 157738570	+	C	55	chr2:157738439-157738570
## 1261	chr2 157738570	-	C	196	chr2:157738439-157738570
## 1262	chr2 157760879	+	C	280	chr2:157760879-157761077
## 1263	chr2 157760879	-	C	9	chr2:157760879-157761077
## 1264	chr2 157760880	+	A	2	chr2:157760879-157761077
## 1265	chr2 157760880	+	C	277	chr2:157760879-157761077
## 1266	chr2 157760880	-	C	9	chr2:157760879-157761077
## 1267	chr2 157760880	+	T	2	chr2:157760879-157761077
## 1268	chr2 157760881	+	A	280	chr2:157760879-157761077
## 1269	chr2 157760881	-	A	9	chr2:157760879-157761077
## 1270	chr2 157760882	+	T	277	chr2:157760879-157761077
## 1271	chr2 157760882	-	T	9	chr2:157760879-157761077
## 1272	chr2 157760883	+	T	274	chr2:157760879-157761077
## 1273	chr2 157760883	-	T	9	chr2:157760879-157761077
## 1274	chr2 157760884	+	G	263	chr2:157760879-157761077
## 1275	chr2 157760884	-	G	9	chr2:157760879-157761077
## 1276	chr2 157760884	+	T	3	chr2:157760879-157761077
## 1277	chr2 157760885	+	A	2	chr2:157760879-157761077
## 1278	chr2 157760885	+	C	255	chr2:157760879-157761077
## 1279	chr2 157760885	-	C	9	chr2:157760879-157761077
## 1280	chr2 157760886	+	T	256	chr2:157760879-157761077

## 1281	chr2 157760886	-	T	9	chr2:157760879-157761077
## 1282	chr2 157760887	+	C	250	chr2:157760879-157761077
## 1283	chr2 157760887	-	C	9	chr2:157760879-157761077
## 1284	chr2 157760888	+	A	248	chr2:157760879-157761077
## 1285	chr2 157760888	-	A	9	chr2:157760879-157761077
## 1286	chr2 157760889	+	C	249	chr2:157760879-157761077
## 1287	chr2 157760889	-	C	9	chr2:157760879-157761077
## 1288	chr2 157760890	+	C	236	chr2:157760879-157761077
## 1289	chr2 157760890	-	C	9	chr2:157760879-157761077
## 1290	chr2 157760891	+	A	239	chr2:157760879-157761077
## 1291	chr2 157760891	-	A	10	chr2:157760879-157761077
## 1292	chr2 157760892	+	T	239	chr2:157760879-157761077
## 1293	chr2 157760892	-	T	10	chr2:157760879-157761077
## 1294	chr2 157760893	+	C	241	chr2:157760879-157761077
## 1295	chr2 157760893	-	C	10	chr2:157760879-157761077
## 1296	chr2 157760894	+	A	1	chr2:157760879-157761077
## 1297	chr2 157760894	+	C	234	chr2:157760879-157761077
## 1298	chr2 157760894	-	C	10	chr2:157760879-157761077
## 1299	chr2 157760894	+	T	5	chr2:157760879-157761077
## 1300	chr2 157760895	+	A	2	chr2:157760879-157761077
## 1301	chr2 157760895	+	G	237	chr2:157760879-157761077
## 1302	chr2 157760895	-	G	10	chr2:157760879-157761077
## 1303	chr2 157760896	+	C	239	chr2:157760879-157761077
## 1304	chr2 157760896	-	C	10	chr2:157760879-157761077
## 1305	chr2 157760897	+	C	239	chr2:157760879-157761077
## 1306	chr2 157760897	-	C	9	chr2:157760879-157761077
## 1307	chr2 157760898	+	T	228	chr2:157760879-157761077
## 1308	chr2 157760898	-	T	9	chr2:157760879-157761077
## 1309	chr2 157760899	+	G	215	chr2:157760879-157761077
## 1310	chr2 157760899	-	G	20	chr2:157760879-157761077
## 1311	chr2 157760900	+	G	216	chr2:157760879-157761077
## 1312	chr2 157760900	-	G	30	chr2:157760879-157761077
## 1313	chr2 157760901	+	C	215	chr2:157760879-157761077
## 1314	chr2 157760901	-	C	31	chr2:157760879-157761077
## 1315	chr2 157760902	+	C	208	chr2:157760879-157761077
## 1316	chr2 157760902	-	C	34	chr2:157760879-157761077
## 1317	chr2 157760903	+	A	201	chr2:157760879-157761077
## 1318	chr2 157760903	-	A	38	chr2:157760879-157761077
## 1319	chr2 157760903	+	C	1	chr2:157760879-157761077
## 1320	chr2 157760904	+	C	198	chr2:157760879-157761077
## 1321	chr2 157760904	-	C	46	chr2:157760879-157761077
## 1322	chr2 157760905	+	T	195	chr2:157760879-157761077
## 1323	chr2 157760905	-	T	49	chr2:157760879-157761077
## 1324	chr2 157760906	+	T	187	chr2:157760879-157761077
## 1325	chr2 157760906	-	T	50	chr2:157760879-157761077
## 1326	chr2 157760907	+	A	1	chr2:157760879-157761077
## 1327	chr2 157760907	+	C	182	chr2:157760879-157761077
## 1328	chr2 157760907	-	C	53	chr2:157760879-157761077
## 1329	chr2 157760907	+	T	2	chr2:157760879-157761077
## 1330	chr2 157760908	+	C	188	chr2:157760879-157761077
## 1331	chr2 157760908	-	C	58	chr2:157760879-157761077
## 1332	chr2 157760909	+	C	174	chr2:157760879-157761077
## 1333	chr2 157760909	-	C	57	chr2:157760879-157761077
## 1334	chr2 157760909	-	G	1	chr2:157760879-157761077

## 1335	chr2 157760909	+	T	2	chr2:157760879-157761077
## 1336	chr2 157760910	+	A	168	chr2:157760879-157761077
## 1337	chr2 157760910	-	A	62	chr2:157760879-157761077
## 1338	chr2 157760910	-	T	1	chr2:157760879-157761077
## 1339	chr2 157760911	+	C	160	chr2:157760879-157761077
## 1340	chr2 157760911	-	C	72	chr2:157760879-157761077
## 1341	chr2 157760912	+	A	157	chr2:157760879-157761077
## 1342	chr2 157760912	-	A	84	chr2:157760879-157761077
## 1343	chr2 157760913	+	A	156	chr2:157760879-157761077
## 1344	chr2 157760913	-	A	91	chr2:157760879-157761077
## 1345	chr2 157760914	+	A	146	chr2:157760879-157761077
## 1346	chr2 157760914	-	A	95	chr2:157760879-157761077
## 1347	chr2 157760915	+	A	131	chr2:157760879-157761077
## 1348	chr2 157760915	-	A	101	chr2:157760879-157761077
## 1349	chr2 157760916	+	C	135	chr2:157760879-157761077
## 1350	chr2 157760916	-	C	106	chr2:157760879-157761077
## 1351	chr2 157760917	+	A	139	chr2:157760879-157761077
## 1352	chr2 157760917	-	A	111	chr2:157760879-157761077
## 1353	chr2 157760918	+	A	139	chr2:157760879-157761077
## 1354	chr2 157760918	-	A	111	chr2:157760879-157761077
## 1355	chr2 157760919	+	G	140	chr2:157760879-157761077
## 1356	chr2 157760919	-	G	110	chr2:157760879-157761077
## 1357	chr2 157760920	+	T	140	chr2:157760879-157761077
## 1358	chr2 157760920	-	T	110	chr2:157760879-157761077
## 1359	chr2 157760921	+	C	140	chr2:157760879-157761077
## 1360	chr2 157760921	-	C	110	chr2:157760879-157761077
## 1361	chr2 157760922	+	C	139	chr2:157760879-157761077
## 1362	chr2 157760922	-	C	110	chr2:157760879-157761077
## 1363	chr2 157760922	+	T	1	chr2:157760879-157761077
## 1364	chr2 157760923	+	A	140	chr2:157760879-157761077
## 1365	chr2 157760923	-	A	110	chr2:157760879-157761077
## 1366	chr2 157760924	+	A	139	chr2:157760879-157761077
## 1367	chr2 157760924	-	A	110	chr2:157760879-157761077
## 1368	chr2 157760925	+	A	141	chr2:157760879-157761077
## 1369	chr2 157760925	-	A	110	chr2:157760879-157761077
## 1370	chr2 157760926	+	G	141	chr2:157760879-157761077
## 1371	chr2 157760926	-	G	110	chr2:157760879-157761077
## 1372	chr2 157760927	+	G	141	chr2:157760879-157761077
## 1373	chr2 157760927	-	G	110	chr2:157760879-157761077
## 1374	chr2 157760928	+	C	141	chr2:157760879-157761077
## 1375	chr2 157760928	-	C	110	chr2:157760879-157761077
## 1376	chr2 157760929	+	C	141	chr2:157760879-157761077
## 1377	chr2 157760929	-	C	110	chr2:157760879-157761077
## 1378	chr2 157760930	+	C	140	chr2:157760879-157761077
## 1379	chr2 157760930	-	C	110	chr2:157760879-157761077
## 1380	chr2 157760931	+	A	140	chr2:157760879-157761077
## 1381	chr2 157760931	-	A	110	chr2:157760879-157761077
## 1382	chr2 157760932	+	A	140	chr2:157760879-157761077
## 1383	chr2 157760932	-	A	110	chr2:157760879-157761077
## 1384	chr2 157760933	+	A	140	chr2:157760879-157761077
## 1385	chr2 157760933	-	A	110	chr2:157760879-157761077
## 1386	chr2 157760934	+	T	140	chr2:157760879-157761077
## 1387	chr2 157760934	-	T	110	chr2:157760879-157761077
## 1388	chr2 157760935	+	A	140	chr2:157760879-157761077

## 1389	chr2 157760935	-	A	110	chr2:157760879-157761077
## 1390	chr2 157760936	+	T	139	chr2:157760879-157761077
## 1391	chr2 157760936	-	T	111	chr2:157760879-157761077
## 1392	chr2 157760937	+	C	139	chr2:157760879-157761077
## 1393	chr2 157760937	-	C	111	chr2:157760879-157761077
## 1394	chr2 157760938	+	G	139	chr2:157760879-157761077
## 1395	chr2 157760938	-	G	110	chr2:157760879-157761077
## 1396	chr2 157760938	-	T	1	chr2:157760879-157761077
## 1397	chr2 157760939	+	A	137	chr2:157760879-157761077
## 1398	chr2 157760939	-	A	111	chr2:157760879-157761077
## 1399	chr2 157760939	+	C	1	chr2:157760879-157761077
## 1400	chr2 157760939	+	G	1	chr2:157760879-157761077
## 1401	chr2 157760940	+	C	139	chr2:157760879-157761077
## 1402	chr2 157760940	-	C	111	chr2:157760879-157761077
## 1403	chr2 157760941	+	C	139	chr2:157760879-157761077
## 1404	chr2 157760941	-	C	111	chr2:157760879-157761077
## 1405	chr2 157760942	+	C	139	chr2:157760879-157761077
## 1406	chr2 157760942	-	C	111	chr2:157760879-157761077
## 1407	chr2 157760943	+	T	138	chr2:157760879-157761077
## 1408	chr2 157760943	-	T	111	chr2:157760879-157761077
## 1409	chr2 157760944	+	T	137	chr2:157760879-157761077
## 1410	chr2 157760944	-	T	113	chr2:157760879-157761077
## 1411	chr2 157760945	+	T	137	chr2:157760879-157761077
## 1412	chr2 157760945	-	T	113	chr2:157760879-157761077
## 1413	chr2 157760946	+	T	137	chr2:157760879-157761077
## 1414	chr2 157760946	-	T	113	chr2:157760879-157761077
## 1415	chr2 157760947	+	A	137	chr2:157760879-157761077
## 1416	chr2 157760947	-	A	113	chr2:157760879-157761077
## 1417	chr2 157760948	+	T	137	chr2:157760879-157761077
## 1418	chr2 157760948	-	T	113	chr2:157760879-157761077
## 1419	chr2 157760949	+	A	137	chr2:157760879-157761077
## 1420	chr2 157760949	-	A	113	chr2:157760879-157761077
## 1421	chr2 157760950	+	A	137	chr2:157760879-157761077
## 1422	chr2 157760950	-	A	113	chr2:157760879-157761077
## 1423	chr2 157760951	+	G	137	chr2:157760879-157761077
## 1424	chr2 157760951	-	G	113	chr2:157760879-157761077
## 1425	chr2 157760952	+	A	137	chr2:157760879-157761077
## 1426	chr2 157760952	-	A	113	chr2:157760879-157761077
## 1427	chr2 157760953	+	A	136	chr2:157760879-157761077
## 1428	chr2 157760953	-	A	113	chr2:157760879-157761077
## 1429	chr2 157760954	+	T	138	chr2:157760879-157761077
## 1430	chr2 157760954	-	T	113	chr2:157760879-157761077
## 1431	chr2 157760955	+	A	1	chr2:157760879-157761077
## 1432	chr2 157760955	+	C	137	chr2:157760879-157761077
## 1433	chr2 157760955	-	C	113	chr2:157760879-157761077
## 1434	chr2 157760956	+	G	138	chr2:157760879-157761077
## 1435	chr2 157760956	-	G	113	chr2:157760879-157761077
## 1436	chr2 157760957	+	A	137	chr2:157760879-157761077
## 1437	chr2 157760957	-	A	113	chr2:157760879-157761077
## 1438	chr2 157760958	+	A	137	chr2:157760879-157761077
## 1439	chr2 157760958	-	A	113	chr2:157760879-157761077
## 1440	chr2 157760959	+	A	136	chr2:157760879-157761077
## 1441	chr2 157760959	-	A	113	chr2:157760879-157761077
## 1442	chr2 157760959	+	C	1	chr2:157760879-157761077

## 1443	chr2 157760960	+	C	136	chr2:157760879-157761077
## 1444	chr2 157760960	-	C	114	chr2:157760879-157761077
## 1445	chr2 157760961	+	A	136	chr2:157760879-157761077
## 1446	chr2 157760961	-	A	114	chr2:157760879-157761077
## 1447	chr2 157760962	+	A	136	chr2:157760879-157761077
## 1448	chr2 157760962	-	A	113	chr2:157760879-157761077
## 1449	chr2 157760962	-	G	1	chr2:157760879-157761077
## 1450	chr2 157760963	+	T	135	chr2:157760879-157761077
## 1451	chr2 157760963	-	T	114	chr2:157760879-157761077
## 1452	chr2 157760964	+	C	136	chr2:157760879-157761077
## 1453	chr2 157760964	-	C	114	chr2:157760879-157761077
## 1454	chr2 157760965	+	C	136	chr2:157760879-157761077
## 1455	chr2 157760965	-	C	114	chr2:157760879-157761077
## 1456	chr2 157760966	+	A	131	chr2:157760879-157761077
## 1457	chr2 157760966	-	A	113	chr2:157760879-157761077
## 1458	chr2 157760966	+	C	1	chr2:157760879-157761077
## 1459	chr2 157760967	+	C	133	chr2:157760879-157761077
## 1460	chr2 157760967	-	C	116	chr2:157760879-157761077
## 1461	chr2 157760968	+	C	134	chr2:157760879-157761077
## 1462	chr2 157760968	-	C	116	chr2:157760879-157761077
## 1463	chr2 157760969	+	T	134	chr2:157760879-157761077
## 1464	chr2 157760969	-	T	116	chr2:157760879-157761077
## 1465	chr2 157760970	-	A	2	chr2:157760879-157761077
## 1466	chr2 157760970	+	G	133	chr2:157760879-157761077
## 1467	chr2 157760970	-	G	115	chr2:157760879-157761077
## 1468	chr2 157760971	+	G	132	chr2:157760879-157761077
## 1469	chr2 157760971	-	G	117	chr2:157760879-157761077
## 1470	chr2 157760972	+	A	132	chr2:157760879-157761077
## 1471	chr2 157760972	-	A	118	chr2:157760879-157761077
## 1472	chr2 157760973	+	C	1	chr2:157760879-157761077
## 1473	chr2 157760973	+	T	129	chr2:157760879-157761077
## 1474	chr2 157760973	-	T	118	chr2:157760879-157761077
## 1475	chr2 157760974	+	G	129	chr2:157760879-157761077
## 1476	chr2 157760974	-	G	107	chr2:157760879-157761077
## 1477	chr2 157760975	+	G	131	chr2:157760879-157761077
## 1478	chr2 157760975	-	G	105	chr2:157760879-157761077
## 1479	chr2 157760976	+	T	128	chr2:157760879-157761077
## 1480	chr2 157760976	-	T	107	chr2:157760879-157761077
## 1481	chr2 157760977	+	T	133	chr2:157760879-157761077
## 1482	chr2 157760977	-	T	108	chr2:157760879-157761077
## 1483	chr2 157760978	+	T	129	chr2:157760879-157761077
## 1484	chr2 157760978	-	T	114	chr2:157760879-157761077
## 1485	chr2 157760979	+	C	131	chr2:157760879-157761077
## 1486	chr2 157760979	-	C	107	chr2:157760879-157761077
## 1487	chr2 157760980	+	A	125	chr2:157760879-157761077
## 1488	chr2 157760980	-	A	114	chr2:157760879-157761077
## 1489	chr2 157760980	-	C	1	chr2:157760879-157761077
## 1490	chr2 157760981	+	T	122	chr2:157760879-157761077
## 1491	chr2 157760981	-	T	123	chr2:157760879-157761077
## 1492	chr2 157760982	+	C	125	chr2:157760879-157761077
## 1493	chr2 157760982	-	C	120	chr2:157760879-157761077
## 1494	chr2 157760983	+	T	121	chr2:157760879-157761077
## 1495	chr2 157760983	-	T	117	chr2:157760879-157761077
## 1496	chr2 157760984	+	A	116	chr2:157760879-157761077

## 1497	chr2 157760984	-	A	119	chr2:157760879-157761077
## 1498	chr2 157760984	+	T	1	chr2:157760879-157761077
## 1499	chr2 157760985	+	G	113	chr2:157760879-157761077
## 1500	chr2 157760985	-	G	114	chr2:157760879-157761077
## 1501	chr2 157760986	+	A	115	chr2:157760879-157761077
## 1502	chr2 157760986	-	A	108	chr2:157760879-157761077
## 1503	chr2 157760987	+	A	116	chr2:157760879-157761077
## 1504	chr2 157760987	-	A	106	chr2:157760879-157761077
## 1505	chr2 157760987	-	T	1	chr2:157760879-157761077
## 1506	chr2 157760988	+	C	120	chr2:157760879-157761077
## 1507	chr2 157760988	-	C	102	chr2:157760879-157761077
## 1508	chr2 157760989	+	T	123	chr2:157760879-157761077
## 1509	chr2 157760989	-	T	99	chr2:157760879-157761077
## 1510	chr2 157760990	-	G	1	chr2:157760879-157761077
## 1511	chr2 157760990	+	T	123	chr2:157760879-157761077
## 1512	chr2 157760990	-	T	99	chr2:157760879-157761077
## 1513	chr2 157760991	+	C	113	chr2:157760879-157761077
## 1514	chr2 157760991	-	C	115	chr2:157760879-157761077
## 1515	chr2 157760991	+	T	1	chr2:157760879-157761077
## 1516	chr2 157760992	-	A	1	chr2:157760879-157761077
## 1517	chr2 157760992	+	G	112	chr2:157760879-157761077
## 1518	chr2 157760992	-	G	113	chr2:157760879-157761077
## 1519	chr2 157760993	+	G	113	chr2:157760879-157761077
## 1520	chr2 157760993	-	G	118	chr2:157760879-157761077
## 1521	chr2 157760994	+	G	116	chr2:157760879-157761077
## 1522	chr2 157760994	-	G	120	chr2:157760879-157761077
## 1523	chr2 157760995	+	A	1	chr2:157760879-157761077
## 1524	chr2 157760995	+	G	115	chr2:157760879-157761077
## 1525	chr2 157760995	-	G	132	chr2:157760879-157761077
## 1526	chr2 157760996	+	A	1	chr2:157760879-157761077
## 1527	chr2 157760996	+	G	117	chr2:157760879-157761077
## 1528	chr2 157760996	-	G	132	chr2:157760879-157761077
## 1529	chr2 157760997	+	C	118	chr2:157760879-157761077
## 1530	chr2 157760997	-	C	132	chr2:157760879-157761077
## 1531	chr2 157760998	+	C	117	chr2:157760879-157761077
## 1532	chr2 157760998	-	C	133	chr2:157760879-157761077
## 1533	chr2 157760999	+	A	117	chr2:157760879-157761077
## 1534	chr2 157760999	-	A	132	chr2:157760879-157761077
## 1535	chr2 157760999	-	C	1	chr2:157760879-157761077
## 1536	chr2 157761000	+	A	1	chr2:157760879-157761077
## 1537	chr2 157761000	+	T	115	chr2:157760879-157761077
## 1538	chr2 157761000	-	T	133	chr2:157760879-157761077
## 1539	chr2 157761001	+	G	117	chr2:157760879-157761077
## 1540	chr2 157761001	-	G	133	chr2:157760879-157761077
## 1541	chr2 157761002	+	T	117	chr2:157760879-157761077
## 1542	chr2 157761002	-	T	133	chr2:157760879-157761077
## 1543	chr2 157761003	+	A	116	chr2:157760879-157761077
## 1544	chr2 157761003	-	A	134	chr2:157760879-157761077
## 1545	chr2 157761004	+	G	116	chr2:157760879-157761077
## 1546	chr2 157761004	-	G	134	chr2:157760879-157761077
## 1547	chr2 157761005	-	A	2	chr2:157760879-157761077
## 1548	chr2 157761005	+	C	116	chr2:157760879-157761077
## 1549	chr2 157761005	-	C	132	chr2:157760879-157761077
## 1550	chr2 157761006	+	G	116	chr2:157760879-157761077

## 1551	chr2 157761006	-	G	134	chr2:157760879-157761077
## 1552	chr2 157761007	+	A	1	chr2:157760879-157761077
## 1553	chr2 157761007	+	C	115	chr2:157760879-157761077
## 1554	chr2 157761007	-	C	134	chr2:157760879-157761077
## 1555	chr2 157761008	+	T	116	chr2:157760879-157761077
## 1556	chr2 157761008	-	T	134	chr2:157760879-157761077
## 1557	chr2 157761009	+	T	117	chr2:157760879-157761077
## 1558	chr2 157761009	-	T	134	chr2:157760879-157761077
## 1559	chr2 157761010	+	G	117	chr2:157760879-157761077
## 1560	chr2 157761010	-	G	134	chr2:157760879-157761077
## 1561	chr2 157761011	+	G	118	chr2:157760879-157761077
## 1562	chr2 157761011	-	G	133	chr2:157760879-157761077
## 1563	chr2 157761012	-	G	1	chr2:157760879-157761077
## 1564	chr2 157761012	+	T	118	chr2:157760879-157761077
## 1565	chr2 157761012	-	T	132	chr2:157760879-157761077
## 1566	chr2 157761013	+	G	118	chr2:157760879-157761077
## 1567	chr2 157761013	-	G	133	chr2:157760879-157761077
## 1568	chr2 157761014	+	C	118	chr2:157760879-157761077
## 1569	chr2 157761014	-	C	133	chr2:157760879-157761077
## 1570	chr2 157761015	+	C	118	chr2:157760879-157761077
## 1571	chr2 157761015	-	C	133	chr2:157760879-157761077
## 1572	chr2 157761016	+	C	118	chr2:157760879-157761077
## 1573	chr2 157761016	-	C	133	chr2:157760879-157761077
## 1574	chr2 157761017	+	A	118	chr2:157760879-157761077
## 1575	chr2 157761017	-	A	133	chr2:157760879-157761077
## 1576	chr2 157761018	+	C	118	chr2:157760879-157761077
## 1577	chr2 157761018	-	C	133	chr2:157760879-157761077
## 1578	chr2 157761019	+	A	118	chr2:157760879-157761077
## 1579	chr2 157761019	-	A	128	chr2:157760879-157761077
## 1580	chr2 157761020	+	C	120	chr2:157760879-157761077
## 1581	chr2 157761020	-	C	131	chr2:157760879-157761077
## 1582	chr2 157761021	+	G	120	chr2:157760879-157761077
## 1583	chr2 157761021	-	G	131	chr2:157760879-157761077
## 1584	chr2 157761022	+	A	1	chr2:157760879-157761077
## 1585	chr2 157761022	+	G	119	chr2:157760879-157761077
## 1586	chr2 157761022	-	G	130	chr2:157760879-157761077
## 1587	chr2 157761022	-	T	1	chr2:157760879-157761077
## 1588	chr2 157761023	+	G	120	chr2:157760879-157761077
## 1589	chr2 157761023	-	G	131	chr2:157760879-157761077
## 1590	chr2 157761024	+	G	120	chr2:157760879-157761077
## 1591	chr2 157761024	-	G	131	chr2:157760879-157761077
## 1592	chr2 157761025	+	A	120	chr2:157760879-157761077
## 1593	chr2 157761025	-	A	131	chr2:157760879-157761077
## 1594	chr2 157761026	+	A	1	chr2:157760879-157761077
## 1595	chr2 157761026	+	T	118	chr2:157760879-157761077
## 1596	chr2 157761026	-	T	132	chr2:157760879-157761077
## 1597	chr2 157761027	+	T	118	chr2:157760879-157761077
## 1598	chr2 157761027	-	T	133	chr2:157760879-157761077
## 1599	chr2 157761028	+	G	118	chr2:157760879-157761077
## 1600	chr2 157761028	-	G	133	chr2:157760879-157761077
## 1601	chr2 157761029	+	T	117	chr2:157760879-157761077
## 1602	chr2 157761029	-	T	133	chr2:157760879-157761077
## 1603	chr2 157761030	+	T	117	chr2:157760879-157761077
## 1604	chr2 157761030	-	T	133	chr2:157760879-157761077

## 1605	chr2 157761031	+	C	117	chr2:157760879-157761077
## 1606	chr2 157761031	-	C	133	chr2:157760879-157761077
## 1607	chr2 157761032	+	C	117	chr2:157760879-157761077
## 1608	chr2 157761032	-	C	133	chr2:157760879-157761077
## 1609	chr2 157761033	+	C	117	chr2:157760879-157761077
## 1610	chr2 157761033	-	C	133	chr2:157760879-157761077
## 1611	chr2 157761034	+	C	117	chr2:157760879-157761077
## 1612	chr2 157761034	-	C	133	chr2:157760879-157761077
## 1613	chr2 157761035	+	A	118	chr2:157760879-157761077
## 1614	chr2 157761035	-	A	132	chr2:157760879-157761077
## 1615	chr2 157761036	+	A	1	chr2:157760879-157761077
## 1616	chr2 157761036	+	C	117	chr2:157760879-157761077
## 1617	chr2 157761036	-	C	132	chr2:157760879-157761077
## 1618	chr2 157761037	+	A	118	chr2:157760879-157761077
## 1619	chr2 157761037	-	A	132	chr2:157760879-157761077
## 1620	chr2 157761038	+	T	117	chr2:157760879-157761077
## 1621	chr2 157761038	-	T	133	chr2:157760879-157761077
## 1622	chr2 157761039	+	C	115	chr2:157760879-157761077
## 1623	chr2 157761039	-	C	133	chr2:157760879-157761077
## 1624	chr2 157761040	+	A	114	chr2:157760879-157761077
## 1625	chr2 157761040	-	A	136	chr2:157760879-157761077
## 1626	chr2 157761041	+	A	114	chr2:157760879-157761077
## 1627	chr2 157761041	-	A	136	chr2:157760879-157761077
## 1628	chr2 157761041	+	G	1	chr2:157760879-157761077
## 1629	chr2 157761042	+	G	113	chr2:157760879-157761077
## 1630	chr2 157761042	-	G	133	chr2:157760879-157761077
## 1631	chr2 157761043	+	C	116	chr2:157760879-157761077
## 1632	chr2 157761043	-	C	133	chr2:157760879-157761077
## 1633	chr2 157761044	+	T	117	chr2:157760879-157761077
## 1634	chr2 157761044	-	T	133	chr2:157760879-157761077
## 1635	chr2 157761045	+	G	118	chr2:157760879-157761077
## 1636	chr2 157761045	-	G	132	chr2:157760879-157761077
## 1637	chr2 157761046	+	A	118	chr2:157760879-157761077
## 1638	chr2 157761046	-	A	132	chr2:157760879-157761077
## 1639	chr2 157761047	+	T	118	chr2:157760879-157761077
## 1640	chr2 157761047	-	T	131	chr2:157760879-157761077
## 1641	chr2 157761048	+	T	118	chr2:157760879-157761077
## 1642	chr2 157761048	-	T	132	chr2:157760879-157761077
## 1643	chr2 157761049	+	G	117	chr2:157760879-157761077
## 1644	chr2 157761049	-	G	130	chr2:157760879-157761077
## 1645	chr2 157761049	-	T	1	chr2:157760879-157761077
## 1646	chr2 157761050	+	G	113	chr2:157760879-157761077
## 1647	chr2 157761050	-	G	126	chr2:157760879-157761077
## 1648	chr2 157761051	+	T	113	chr2:157760879-157761077
## 1649	chr2 157761051	-	T	129	chr2:157760879-157761077
## 1650	chr2 157761052	-	A	1	chr2:157760879-157761077
## 1651	chr2 157761052	+	G	115	chr2:157760879-157761077
## 1652	chr2 157761052	-	G	125	chr2:157760879-157761077
## 1653	chr2 157761053	+	C	116	chr2:157760879-157761077
## 1654	chr2 157761053	-	C	118	chr2:157760879-157761077
## 1655	chr2 157761054	+	T	118	chr2:157760879-157761077
## 1656	chr2 157761054	-	T	117	chr2:157760879-157761077
## 1657	chr2 157761055	+	C	122	chr2:157760879-157761077
## 1658	chr2 157761055	-	C	108	chr2:157760879-157761077

## 1659	chr2 157761056	+	T	121	chr2:157760879-157761077
## 1660	chr2 157761056	-	T	99	chr2:157760879-157761077
## 1661	chr2 157761057	+	G	120	chr2:157760879-157761077
## 1662	chr2 157761057	-	G	107	chr2:157760879-157761077
## 1663	chr2 157761058	+	G	122	chr2:157760879-157761077
## 1664	chr2 157761058	-	G	111	chr2:157760879-157761077
## 1665	chr2 157761059	-	A	1	chr2:157760879-157761077
## 1666	chr2 157761059	+	G	128	chr2:157760879-157761077
## 1667	chr2 157761059	-	G	112	chr2:157760879-157761077
## 1668	chr2 157761060	+	A	129	chr2:157760879-157761077
## 1669	chr2 157761060	-	A	114	chr2:157760879-157761077
## 1670	chr2 157761061	+	A	129	chr2:157760879-157761077
## 1671	chr2 157761061	-	A	115	chr2:157760879-157761077
## 1672	chr2 157761062	+	T	129	chr2:157760879-157761077
## 1673	chr2 157761062	-	T	105	chr2:157760879-157761077
## 1674	chr2 157761063	-	A	3	chr2:157760879-157761077
## 1675	chr2 157761063	+	G	124	chr2:157760879-157761077
## 1676	chr2 157761063	-	G	102	chr2:157760879-157761077
## 1677	chr2 157761064	+	C	124	chr2:157760879-157761077
## 1678	chr2 157761064	-	C	112	chr2:157760879-157761077
## 1679	chr2 157761065	+	A	122	chr2:157760879-157761077
## 1680	chr2 157761065	-	A	104	chr2:157760879-157761077
## 1681	chr2 157761066	+	T	122	chr2:157760879-157761077
## 1682	chr2 157761066	-	T	95	chr2:157760879-157761077
## 1683	chr2 157761067	+	G	121	chr2:157760879-157761077
## 1684	chr2 157761067	-	G	98	chr2:157760879-157761077
## 1685	chr2 157761068	+	A	121	chr2:157760879-157761077
## 1686	chr2 157761068	-	A	96	chr2:157760879-157761077
## 1687	chr2 157761069	+	C	118	chr2:157760879-157761077
## 1688	chr2 157761069	-	C	98	chr2:157760879-157761077
## 1689	chr2 157761070	+	C	1	chr2:157760879-157761077
## 1690	chr2 157761070	+	T	117	chr2:157760879-157761077
## 1691	chr2 157761070	-	T	93	chr2:157760879-157761077
## 1692	chr2 157761071	-	A	1	chr2:157760879-157761077
## 1693	chr2 157761071	+	G	117	chr2:157760879-157761077
## 1694	chr2 157761071	-	G	97	chr2:157760879-157761077
## 1695	chr2 157761071	-	T	1	chr2:157760879-157761077
## 1696	chr2 157761072	+	C	120	chr2:157760879-157761077
## 1697	chr2 157761072	-	C	99	chr2:157760879-157761077
## 1698	chr2 157761073	+	C	121	chr2:157760879-157761077
## 1699	chr2 157761073	-	C	98	chr2:157760879-157761077
## 1700	chr2 157761073	-	T	1	chr2:157760879-157761077
## 1701	chr2 157761074	+	A	127	chr2:157760879-157761077
## 1702	chr2 157761074	-	A	104	chr2:157760879-157761077
## 1703	chr2 157761074	+	G	1	chr2:157760879-157761077
## 1704	chr2 157761075	+	G	130	chr2:157760879-157761077
## 1705	chr2 157761075	-	G	115	chr2:157760879-157761077
## 1706	chr2 157761075	+	T	1	chr2:157760879-157761077
## 1707	chr2 157761076	+	G	129	chr2:157760879-157761077
## 1708	chr2 157761076	-	G	114	chr2:157760879-157761077
## 1709	chr2 157761076	-	T	1	chr2:157760879-157761077
## 1710	chr2 157761077	+	C	130	chr2:157760879-157761077
## 1711	chr2 157761077	-	C	117	chr2:157760879-157761077
## 1712	chr2 157765920	+	C	237	chr2:157765920-157766196

## 1713	chr2 157765920	-	C	23	chr2:157765920-157766196
## 1714	chr2 157765921	+	A	1	chr2:157765920-157766196
## 1715	chr2 157765921	+	C	237	chr2:157765920-157766196
## 1716	chr2 157765921	-	C	23	chr2:157765920-157766196
## 1717	chr2 157765922	+	C	239	chr2:157765920-157766196
## 1718	chr2 157765922	-	C	23	chr2:157765920-157766196
## 1719	chr2 157765923	+	A	239	chr2:157765920-157766196
## 1720	chr2 157765923	-	A	23	chr2:157765920-157766196
## 1721	chr2 157765923	+	T	1	chr2:157765920-157766196
## 1722	chr2 157765924	+	A	239	chr2:157765920-157766196
## 1723	chr2 157765924	-	A	23	chr2:157765920-157766196
## 1724	chr2 157765925	+	A	239	chr2:157765920-157766196
## 1725	chr2 157765925	-	A	23	chr2:157765920-157766196
## 1726	chr2 157765926	+	T	240	chr2:157765920-157766196
## 1727	chr2 157765926	-	T	23	chr2:157765920-157766196
## 1728	chr2 157765927	+	C	240	chr2:157765920-157766196
## 1729	chr2 157765927	-	C	23	chr2:157765920-157766196
## 1730	chr2 157765928	+	A	1	chr2:157765920-157766196
## 1731	chr2 157765928	+	T	239	chr2:157765920-157766196
## 1732	chr2 157765928	-	T	23	chr2:157765920-157766196
## 1733	chr2 157765929	+	G	239	chr2:157765920-157766196
## 1734	chr2 157765929	-	G	23	chr2:157765920-157766196
## 1735	chr2 157765930	+	C	240	chr2:157765920-157766196
## 1736	chr2 157765930	-	C	23	chr2:157765920-157766196
## 1737	chr2 157765931	+	T	239	chr2:157765920-157766196
## 1738	chr2 157765931	-	T	23	chr2:157765920-157766196
## 1739	chr2 157765932	+	A	236	chr2:157765920-157766196
## 1740	chr2 157765932	-	A	23	chr2:157765920-157766196
## 1741	chr2 157765933	+	T	236	chr2:157765920-157766196
## 1742	chr2 157765933	-	T	23	chr2:157765920-157766196
## 1743	chr2 157765934	+	G	234	chr2:157765920-157766196
## 1744	chr2 157765934	-	G	23	chr2:157765920-157766196
## 1745	chr2 157765935	+	C	233	chr2:157765920-157766196
## 1746	chr2 157765935	-	C	23	chr2:157765920-157766196
## 1747	chr2 157765936	+	A	230	chr2:157765920-157766196
## 1748	chr2 157765936	-	A	23	chr2:157765920-157766196
## 1749	chr2 157765937	+	A	231	chr2:157765920-157766196
## 1750	chr2 157765937	-	A	23	chr2:157765920-157766196
## 1751	chr2 157765938	+	C	225	chr2:157765920-157766196
## 1752	chr2 157765938	-	C	23	chr2:157765920-157766196
## 1753	chr2 157765939	+	A	224	chr2:157765920-157766196
## 1754	chr2 157765939	-	A	23	chr2:157765920-157766196
## 1755	chr2 157765940	+	C	224	chr2:157765920-157766196
## 1756	chr2 157765940	-	C	23	chr2:157765920-157766196
## 1757	chr2 157765941	+	T	224	chr2:157765920-157766196
## 1758	chr2 157765941	-	T	26	chr2:157765920-157766196
## 1759	chr2 157765942	+	G	223	chr2:157765920-157766196
## 1760	chr2 157765942	-	G	26	chr2:157765920-157766196
## 1761	chr2 157765943	+	T	225	chr2:157765920-157766196
## 1762	chr2 157765943	-	T	26	chr2:157765920-157766196
## 1763	chr2 157765944	+	C	221	chr2:157765920-157766196
## 1764	chr2 157765944	-	C	26	chr2:157765920-157766196
## 1765	chr2 157765945	+	C	216	chr2:157765920-157766196
## 1766	chr2 157765945	-	C	29	chr2:157765920-157766196

## 1767	chr2 157765946	+	A	220	chr2:157765920-157766196
## 1768	chr2 157765946	-	A	30	chr2:157765920-157766196
## 1769	chr2 157765947	+	G	1	chr2:157765920-157766196
## 1770	chr2 157765947	+	T	215	chr2:157765920-157766196
## 1771	chr2 157765947	-	T	30	chr2:157765920-157766196
## 1772	chr2 157765948	+	T	217	chr2:157765920-157766196
## 1773	chr2 157765948	-	T	30	chr2:157765920-157766196
## 1774	chr2 157765949	+	C	218	chr2:157765920-157766196
## 1775	chr2 157765949	-	C	29	chr2:157765920-157766196
## 1776	chr2 157765950	+	T	210	chr2:157765920-157766196
## 1777	chr2 157765950	-	T	29	chr2:157765920-157766196
## 1778	chr2 157765951	+	C	1	chr2:157765920-157766196
## 1779	chr2 157765951	+	T	218	chr2:157765920-157766196
## 1780	chr2 157765951	-	T	30	chr2:157765920-157766196
## 1781	chr2 157765952	+	C	219	chr2:157765920-157766196
## 1782	chr2 157765952	-	C	30	chr2:157765920-157766196
## 1783	chr2 157765953	+	T	212	chr2:157765920-157766196
## 1784	chr2 157765953	-	T	32	chr2:157765920-157766196
## 1785	chr2 157765954	+	T	214	chr2:157765920-157766196
## 1786	chr2 157765954	-	T	34	chr2:157765920-157766196
## 1787	chr2 157765955	+	A	206	chr2:157765920-157766196
## 1788	chr2 157765955	-	A	33	chr2:157765920-157766196
## 1789	chr2 157765956	+	A	210	chr2:157765920-157766196
## 1790	chr2 157765956	-	A	33	chr2:157765920-157766196
## 1791	chr2 157765957	+	C	215	chr2:157765920-157766196
## 1792	chr2 157765957	-	C	32	chr2:157765920-157766196
## 1793	chr2 157765958	+	C	217	chr2:157765920-157766196
## 1794	chr2 157765958	-	C	32	chr2:157765920-157766196
## 1795	chr2 157765959	+	A	219	chr2:157765920-157766196
## 1796	chr2 157765959	-	A	32	chr2:157765920-157766196
## 1797	chr2 157765960	+	G	214	chr2:157765920-157766196
## 1798	chr2 157765960	-	G	32	chr2:157765920-157766196
## 1799	chr2 157765961	+	A	219	chr2:157765920-157766196
## 1800	chr2 157765961	-	A	29	chr2:157765920-157766196
## 1801	chr2 157765962	+	A	219	chr2:157765920-157766196
## 1802	chr2 157765962	-	A	29	chr2:157765920-157766196
## 1803	chr2 157765963	+	T	213	chr2:157765920-157766196
## 1804	chr2 157765963	-	T	27	chr2:157765920-157766196
## 1805	chr2 157765964	+	A	218	chr2:157765920-157766196
## 1806	chr2 157765964	-	A	25	chr2:157765920-157766196
## 1807	chr2 157765965	+	T	225	chr2:157765920-157766196
## 1808	chr2 157765965	-	T	25	chr2:157765920-157766196
## 1809	chr2 157765966	+	T	219	chr2:157765920-157766196
## 1810	chr2 157765966	-	T	25	chr2:157765920-157766196
## 1811	chr2 157765967	+	T	217	chr2:157765920-157766196
## 1812	chr2 157765967	-	T	26	chr2:157765920-157766196
## 1813	chr2 157765968	+	T	217	chr2:157765920-157766196
## 1814	chr2 157765968	-	T	31	chr2:157765920-157766196
## 1815	chr2 157765969	+	T	219	chr2:157765920-157766196
## 1816	chr2 157765969	-	T	31	chr2:157765920-157766196
## 1817	chr2 157765970	+	G	216	chr2:157765920-157766196
## 1818	chr2 157765970	-	G	31	chr2:157765920-157766196
## 1819	chr2 157765971	+	A	1	chr2:157765920-157766196
## 1820	chr2 157765971	+	C	211	chr2:157765920-157766196

## 1821	chr2 157765971	-	C	31	chr2:157765920-157766196
## 1822	chr2 157765972	+	T	216	chr2:157765920-157766196
## 1823	chr2 157765972	-	T	31	chr2:157765920-157766196
## 1824	chr2 157765973	+	C	215	chr2:157765920-157766196
## 1825	chr2 157765973	-	C	29	chr2:157765920-157766196
## 1826	chr2 157765974	+	T	209	chr2:157765920-157766196
## 1827	chr2 157765974	-	T	28	chr2:157765920-157766196
## 1828	chr2 157765975	+	T	205	chr2:157765920-157766196
## 1829	chr2 157765975	-	T	33	chr2:157765920-157766196
## 1830	chr2 157765976	+	T	210	chr2:157765920-157766196
## 1831	chr2 157765976	-	T	33	chr2:157765920-157766196
## 1832	chr2 157765977	+	A	206	chr2:157765920-157766196
## 1833	chr2 157765977	-	A	38	chr2:157765920-157766196
## 1834	chr2 157765978	+	A	201	chr2:157765920-157766196
## 1835	chr2 157765978	-	A	41	chr2:157765920-157766196
## 1836	chr2 157765979	+	A	197	chr2:157765920-157766196
## 1837	chr2 157765979	-	A	42	chr2:157765920-157766196
## 1838	chr2 157765980	+	T	202	chr2:157765920-157766196
## 1839	chr2 157765980	-	T	45	chr2:157765920-157766196
## 1840	chr2 157765981	+	C	206	chr2:157765920-157766196
## 1841	chr2 157765981	-	C	45	chr2:157765920-157766196
## 1842	chr2 157765982	+	T	207	chr2:157765920-157766196
## 1843	chr2 157765982	-	T	44	chr2:157765920-157766196
## 1844	chr2 157765983	+	C	204	chr2:157765920-157766196
## 1845	chr2 157765983	-	C	44	chr2:157765920-157766196
## 1846	chr2 157765983	+	T	4	chr2:157765920-157766196
## 1847	chr2 157765984	+	A	1	chr2:157765920-157766196
## 1848	chr2 157765984	+	G	203	chr2:157765920-157766196
## 1849	chr2 157765984	-	G	41	chr2:157765920-157766196
## 1850	chr2 157765985	+	A	209	chr2:157765920-157766196
## 1851	chr2 157765985	-	A	39	chr2:157765920-157766196
## 1852	chr2 157765986	+	T	210	chr2:157765920-157766196
## 1853	chr2 157765986	-	T	39	chr2:157765920-157766196
## 1854	chr2 157765987	+	G	211	chr2:157765920-157766196
## 1855	chr2 157765987	-	G	39	chr2:157765920-157766196
## 1856	chr2 157765988	+	G	211	chr2:157765920-157766196
## 1857	chr2 157765988	-	G	39	chr2:157765920-157766196
## 1858	chr2 157765989	+	G	211	chr2:157765920-157766196
## 1859	chr2 157765989	-	G	39	chr2:157765920-157766196
## 1860	chr2 157765990	+	C	211	chr2:157765920-157766196
## 1861	chr2 157765990	-	C	39	chr2:157765920-157766196
## 1862	chr2 157765991	+	A	211	chr2:157765920-157766196
## 1863	chr2 157765991	-	A	39	chr2:157765920-157766196
## 1864	chr2 157765992	+	A	210	chr2:157765920-157766196
## 1865	chr2 157765992	-	A	40	chr2:157765920-157766196
## 1866	chr2 157765993	+	C	1	chr2:157765920-157766196
## 1867	chr2 157765993	-	C	1	chr2:157765920-157766196
## 1868	chr2 157765993	+	T	208	chr2:157765920-157766196
## 1869	chr2 157765993	-	T	39	chr2:157765920-157766196
## 1870	chr2 157765994	+	G	207	chr2:157765920-157766196
## 1871	chr2 157765994	-	G	42	chr2:157765920-157766196
## 1872	chr2 157765994	+	T	1	chr2:157765920-157766196
## 1873	chr2 157765995	+	G	208	chr2:157765920-157766196
## 1874	chr2 157765995	-	G	42	chr2:157765920-157766196

## 1875	chr2 157765996	+	C	206	chr2:157765920-157766196
## 1876	chr2 157765996	-	C	42	chr2:157765920-157766196
## 1877	chr2 157765996	+	G	1	chr2:157765920-157766196
## 1878	chr2 157765996	+	T	1	chr2:157765920-157766196
## 1879	chr2 157765997	+	T	208	chr2:157765920-157766196
## 1880	chr2 157765997	-	T	42	chr2:157765920-157766196
## 1881	chr2 157765998	+	G	208	chr2:157765920-157766196
## 1882	chr2 157765998	-	G	42	chr2:157765920-157766196
## 1883	chr2 157765999	+	G	208	chr2:157765920-157766196
## 1884	chr2 157765999	-	G	42	chr2:157765920-157766196
## 1885	chr2 157766000	+	T	208	chr2:157765920-157766196
## 1886	chr2 157766000	-	T	42	chr2:157765920-157766196
## 1887	chr2 157766001	+	T	208	chr2:157765920-157766196
## 1888	chr2 157766001	-	T	42	chr2:157765920-157766196
## 1889	chr2 157766002	+	T	207	chr2:157765920-157766196
## 1890	chr2 157766002	-	T	42	chr2:157765920-157766196
## 1891	chr2 157766003	+	C	208	chr2:157765920-157766196
## 1892	chr2 157766003	-	C	42	chr2:157765920-157766196
## 1893	chr2 157766004	+	C	208	chr2:157765920-157766196
## 1894	chr2 157766004	-	C	42	chr2:157765920-157766196
## 1895	chr2 157766005	+	C	208	chr2:157765920-157766196
## 1896	chr2 157766005	-	C	42	chr2:157765920-157766196
## 1897	chr2 157766006	+	T	208	chr2:157765920-157766196
## 1898	chr2 157766006	-	T	42	chr2:157765920-157766196
## 1899	chr2 157766007	+	T	208	chr2:157765920-157766196
## 1900	chr2 157766007	-	T	42	chr2:157765920-157766196
## 1901	chr2 157766008	+	A	1	chr2:157765920-157766196
## 1902	chr2 157766008	+	G	207	chr2:157765920-157766196
## 1903	chr2 157766008	-	G	42	chr2:157765920-157766196
## 1904	chr2 157766009	+	G	208	chr2:157765920-157766196
## 1905	chr2 157766009	-	G	42	chr2:157765920-157766196
## 1906	chr2 157766010	+	G	208	chr2:157765920-157766196
## 1907	chr2 157766010	-	G	42	chr2:157765920-157766196
## 1908	chr2 157766011	+	T	207	chr2:157765920-157766196
## 1909	chr2 157766011	-	T	43	chr2:157765920-157766196
## 1910	chr2 157766012	+	C	206	chr2:157765920-157766196
## 1911	chr2 157766012	-	C	44	chr2:157765920-157766196
## 1912	chr2 157766013	+	A	1	chr2:157765920-157766196
## 1913	chr2 157766013	+	C	205	chr2:157765920-157766196
## 1914	chr2 157766013	-	C	44	chr2:157765920-157766196
## 1915	chr2 157766014	+	A	1	chr2:157765920-157766196
## 1916	chr2 157766014	+	C	203	chr2:157765920-157766196
## 1917	chr2 157766014	-	C	44	chr2:157765920-157766196
## 1918	chr2 157766015	+	A	201	chr2:157765920-157766196
## 1919	chr2 157766015	-	A	46	chr2:157765920-157766196
## 1920	chr2 157766016	+	A	203	chr2:157765920-157766196
## 1921	chr2 157766016	-	A	44	chr2:157765920-157766196
## 1922	chr2 157766017	+	A	203	chr2:157765920-157766196
## 1923	chr2 157766017	-	A	47	chr2:157765920-157766196
## 1924	chr2 157766018	+	T	203	chr2:157765920-157766196
## 1925	chr2 157766018	-	T	47	chr2:157765920-157766196
## 1926	chr2 157766019	+	A	203	chr2:157765920-157766196
## 1927	chr2 157766019	-	A	47	chr2:157765920-157766196
## 1928	chr2 157766020	+	T	203	chr2:157765920-157766196

## 1929	chr2 157766020	-	T	44	chr2:157765920-157766196
## 1930	chr2 157766021	+	C	203	chr2:157765920-157766196
## 1931	chr2 157766021	-	C	43	chr2:157765920-157766196
## 1932	chr2 157766022	+	T	204	chr2:157765920-157766196
## 1933	chr2 157766022	-	T	44	chr2:157765920-157766196
## 1934	chr2 157766023	+	C	200	chr2:157765920-157766196
## 1935	chr2 157766023	-	C	46	chr2:157765920-157766196
## 1936	chr2 157766024	+	T	196	chr2:157765920-157766196
## 1937	chr2 157766024	-	T	51	chr2:157765920-157766196
## 1938	chr2 157766025	+	A	192	chr2:157765920-157766196
## 1939	chr2 157766025	-	A	55	chr2:157765920-157766196
## 1940	chr2 157766026	+	T	184	chr2:157765920-157766196
## 1941	chr2 157766026	-	T	54	chr2:157765920-157766196
## 1942	chr2 157766027	+	G	182	chr2:157765920-157766196
## 1943	chr2 157766027	-	G	53	chr2:157765920-157766196
## 1944	chr2 157766027	-	T	1	chr2:157765920-157766196
## 1945	chr2 157766028	+	T	186	chr2:157765920-157766196
## 1946	chr2 157766028	-	T	62	chr2:157765920-157766196
## 1947	chr2 157766029	+	G	183	chr2:157765920-157766196
## 1948	chr2 157766029	-	G	63	chr2:157765920-157766196
## 1949	chr2 157766030	+	C	182	chr2:157765920-157766196
## 1950	chr2 157766030	-	C	66	chr2:157765920-157766196
## 1951	chr2 157766031	+	A	174	chr2:157765920-157766196
## 1952	chr2 157766031	-	A	67	chr2:157765920-157766196
## 1953	chr2 157766032	+	A	171	chr2:157765920-157766196
## 1954	chr2 157766032	-	A	69	chr2:157765920-157766196
## 1955	chr2 157766033	+	A	171	chr2:157765920-157766196
## 1956	chr2 157766033	-	A	69	chr2:157765920-157766196
## 1957	chr2 157766034	+	T	171	chr2:157765920-157766196
## 1958	chr2 157766034	-	T	74	chr2:157765920-157766196
## 1959	chr2 157766035	+	G	170	chr2:157765920-157766196
## 1960	chr2 157766035	-	G	80	chr2:157765920-157766196
## 1961	chr2 157766036	+	T	166	chr2:157765920-157766196
## 1962	chr2 157766036	-	T	80	chr2:157765920-157766196
## 1963	chr2 157766037	-	C	2	chr2:157765920-157766196
## 1964	chr2 157766037	+	G	164	chr2:157765920-157766196
## 1965	chr2 157766037	-	G	82	chr2:157765920-157766196
## 1966	chr2 157766038	+	C	162	chr2:157765920-157766196
## 1967	chr2 157766038	-	C	85	chr2:157765920-157766196
## 1968	chr2 157766038	-	T	2	chr2:157765920-157766196
## 1969	chr2 157766039	+	A	154	chr2:157765920-157766196
## 1970	chr2 157766039	-	A	86	chr2:157765920-157766196
## 1971	chr2 157766040	+	A	150	chr2:157765920-157766196
## 1972	chr2 157766040	-	A	93	chr2:157765920-157766196
## 1973	chr2 157766041	+	G	150	chr2:157765920-157766196
## 1974	chr2 157766041	-	G	100	chr2:157765920-157766196
## 1975	chr2 157766042	+	A	144	chr2:157765920-157766196
## 1976	chr2 157766042	-	A	99	chr2:157765920-157766196
## 1977	chr2 157766043	+	C	141	chr2:157765920-157766196
## 1978	chr2 157766043	-	C	101	chr2:157765920-157766196
## 1979	chr2 157766044	+	C	141	chr2:157765920-157766196
## 1980	chr2 157766044	-	C	102	chr2:157765920-157766196
## 1981	chr2 157766045	+	A	144	chr2:157765920-157766196
## 1982	chr2 157766045	-	A	106	chr2:157765920-157766196

## 1983	chr2 157766046	+	C	141	chr2:157765920-157766196
## 1984	chr2 157766046	-	C	106	chr2:157765920-157766196
## 1985	chr2 157766047	+	T	137	chr2:157765920-157766196
## 1986	chr2 157766047	-	T	106	chr2:157765920-157766196
## 1987	chr2 157766048	+	A	135	chr2:157765920-157766196
## 1988	chr2 157766048	-	A	113	chr2:157765920-157766196
## 1989	chr2 157766049	+	A	1	chr2:157765920-157766196
## 1990	chr2 157766049	-	A	2	chr2:157765920-157766196
## 1991	chr2 157766049	+	G	135	chr2:157765920-157766196
## 1992	chr2 157766049	-	G	110	chr2:157765920-157766196
## 1993	chr2 157766049	-	T	1	chr2:157765920-157766196
## 1994	chr2 157766050	+	C	133	chr2:157765920-157766196
## 1995	chr2 157766050	-	C	111	chr2:157765920-157766196
## 1996	chr2 157766051	+	T	120	chr2:157765920-157766196
## 1997	chr2 157766051	-	T	118	chr2:157765920-157766196
## 1998	chr2 157766052	+	A	118	chr2:157765920-157766196
## 1999	chr2 157766052	-	A	118	chr2:157765920-157766196
## 2000	chr2 157766053	+	T	118	chr2:157765920-157766196
## 2001	chr2 157766053	-	T	116	chr2:157765920-157766196
## 2002	chr2 157766054	+	G	119	chr2:157765920-157766196
## 2003	chr2 157766054	-	G	127	chr2:157765920-157766196
## 2004	chr2 157766055	+	G	115	chr2:157765920-157766196
## 2005	chr2 157766055	-	G	124	chr2:157765920-157766196
## 2006	chr2 157766056	+	A	113	chr2:157765920-157766196
## 2007	chr2 157766056	-	A	129	chr2:157765920-157766196
## 2008	chr2 157766057	+	C	112	chr2:157765920-157766196
## 2009	chr2 157766057	-	C	133	chr2:157765920-157766196
## 2010	chr2 157766058	+	A	111	chr2:157765920-157766196
## 2011	chr2 157766058	-	A	139	chr2:157765920-157766196
## 2012	chr2 157766059	+	G	110	chr2:157765920-157766196
## 2013	chr2 157766059	-	G	140	chr2:157765920-157766196
## 2014	chr2 157766060	+	C	106	chr2:157765920-157766196
## 2015	chr2 157766060	-	C	139	chr2:157765920-157766196
## 2016	chr2 157766061	+	A	103	chr2:157765920-157766196
## 2017	chr2 157766061	-	A	145	chr2:157765920-157766196
## 2018	chr2 157766062	+	C	101	chr2:157765920-157766196
## 2019	chr2 157766062	-	C	148	chr2:157765920-157766196
## 2020	chr2 157766063	+	T	102	chr2:157765920-157766196
## 2021	chr2 157766063	-	T	148	chr2:157765920-157766196
## 2022	chr2 157766064	+	A	101	chr2:157765920-157766196
## 2023	chr2 157766064	-	A	149	chr2:157765920-157766196
## 2024	chr2 157766065	+	T	101	chr2:157765920-157766196
## 2025	chr2 157766065	-	T	149	chr2:157765920-157766196
## 2026	chr2 157766066	+	T	100	chr2:157765920-157766196
## 2027	chr2 157766066	-	T	150	chr2:157765920-157766196
## 2028	chr2 157766067	+	C	100	chr2:157765920-157766196
## 2029	chr2 157766067	-	C	149	chr2:157765920-157766196
## 2030	chr2 157766067	-	T	1	chr2:157765920-157766196
## 2031	chr2 157766068	-	C	1	chr2:157765920-157766196
## 2032	chr2 157766068	+	G	100	chr2:157765920-157766196
## 2033	chr2 157766068	-	G	146	chr2:157765920-157766196
## 2034	chr2 157766068	-	T	3	chr2:157765920-157766196
## 2035	chr2 157766069	+	A	101	chr2:157765920-157766196
## 2036	chr2 157766069	-	A	148	chr2:157765920-157766196

## 2037	chr2 157766070	+	A	101	chr2:157765920-157766196
## 2038	chr2 157766070	-	A	149	chr2:157765920-157766196
## 2039	chr2 157766071	+	G	101	chr2:157765920-157766196
## 2040	chr2 157766071	-	G	149	chr2:157765920-157766196
## 2041	chr2 157766072	+	G	100	chr2:157765920-157766196
## 2042	chr2 157766072	-	G	150	chr2:157765920-157766196
## 2043	chr2 157766073	+	C	100	chr2:157765920-157766196
## 2044	chr2 157766073	-	C	150	chr2:157765920-157766196
## 2045	chr2 157766074	+	A	100	chr2:157765920-157766196
## 2046	chr2 157766074	-	A	150	chr2:157765920-157766196
## 2047	chr2 157766075	+	G	99	chr2:157765920-157766196
## 2048	chr2 157766075	-	G	151	chr2:157765920-157766196
## 2049	chr2 157766076	+	C	98	chr2:157765920-157766196
## 2050	chr2 157766076	-	C	152	chr2:157765920-157766196
## 2051	chr2 157766077	+	T	98	chr2:157765920-157766196
## 2052	chr2 157766077	-	T	152	chr2:157765920-157766196
## 2053	chr2 157766078	+	A	97	chr2:157765920-157766196
## 2054	chr2 157766078	-	A	152	chr2:157765920-157766196
## 2055	chr2 157766079	+	A	98	chr2:157765920-157766196
## 2056	chr2 157766079	-	A	152	chr2:157765920-157766196
## 2057	chr2 157766080	+	C	98	chr2:157765920-157766196
## 2058	chr2 157766080	-	C	152	chr2:157765920-157766196
## 2059	chr2 157766081	+	T	98	chr2:157765920-157766196
## 2060	chr2 157766081	-	T	152	chr2:157765920-157766196
## 2061	chr2 157766082	+	G	98	chr2:157765920-157766196
## 2062	chr2 157766082	-	G	152	chr2:157765920-157766196
## 2063	chr2 157766083	+	T	98	chr2:157765920-157766196
## 2064	chr2 157766083	-	T	152	chr2:157765920-157766196
## 2065	chr2 157766084	+	A	97	chr2:157765920-157766196
## 2066	chr2 157766084	-	A	152	chr2:157765920-157766196
## 2067	chr2 157766085	+	T	98	chr2:157765920-157766196
## 2068	chr2 157766085	-	T	152	chr2:157765920-157766196
## 2069	chr2 157766086	+	C	97	chr2:157765920-157766196
## 2070	chr2 157766086	-	C	150	chr2:157765920-157766196
## 2071	chr2 157766086	+	T	2	chr2:157765920-157766196
## 2072	chr2 157766087	+	C	101	chr2:157765920-157766196
## 2073	chr2 157766087	-	C	149	chr2:157765920-157766196
## 2074	chr2 157766087	-	T	1	chr2:157765920-157766196
## 2075	chr2 157766088	+	A	101	chr2:157765920-157766196
## 2076	chr2 157766088	-	A	150	chr2:157765920-157766196
## 2077	chr2 157766089	+	G	101	chr2:157765920-157766196
## 2078	chr2 157766089	-	G	150	chr2:157765920-157766196
## 2079	chr2 157766090	+	A	100	chr2:157765920-157766196
## 2080	chr2 157766090	-	A	149	chr2:157765920-157766196
## 2081	chr2 157766091	+	G	98	chr2:157765920-157766196
## 2082	chr2 157766091	-	G	149	chr2:157765920-157766196
## 2083	chr2 157766092	+	T	98	chr2:157765920-157766196
## 2084	chr2 157766092	-	T	147	chr2:157765920-157766196
## 2085	chr2 157766093	+	A	101	chr2:157765920-157766196
## 2086	chr2 157766093	-	A	149	chr2:157765920-157766196
## 2087	chr2 157766094	+	G	101	chr2:157765920-157766196
## 2088	chr2 157766094	-	G	148	chr2:157765920-157766196
## 2089	chr2 157766095	+	T	102	chr2:157765920-157766196
## 2090	chr2 157766095	-	T	148	chr2:157765920-157766196

## 2091	chr2 157766096	+	A	99	chr2:157765920-157766196
## 2092	chr2 157766096	-	A	147	chr2:157765920-157766196
## 2093	chr2 157766096	-	G	1	chr2:157765920-157766196
## 2094	chr2 157766097	+	A	101	chr2:157765920-157766196
## 2095	chr2 157766097	-	A	145	chr2:157765920-157766196
## 2096	chr2 157766098	+	G	105	chr2:157765920-157766196
## 2097	chr2 157766098	-	G	144	chr2:157765920-157766196
## 2098	chr2 157766099	+	C	107	chr2:157765920-157766196
## 2099	chr2 157766099	-	C	139	chr2:157765920-157766196
## 2100	chr2 157766100	+	C	1	chr2:157765920-157766196
## 2101	chr2 157766100	+	T	106	chr2:157765920-157766196
## 2102	chr2 157766100	-	T	140	chr2:157765920-157766196
## 2103	chr2 157766101	+	G	106	chr2:157765920-157766196
## 2104	chr2 157766101	-	G	141	chr2:157765920-157766196
## 2105	chr2 157766102	+	A	110	chr2:157765920-157766196
## 2106	chr2 157766102	-	A	139	chr2:157765920-157766196
## 2107	chr2 157766103	+	A	106	chr2:157765920-157766196
## 2108	chr2 157766103	-	A	130	chr2:157765920-157766196
## 2109	chr2 157766104	+	G	109	chr2:157765920-157766196
## 2110	chr2 157766104	-	G	127	chr2:157765920-157766196
## 2111	chr2 157766105	+	A	109	chr2:157765920-157766196
## 2112	chr2 157766105	-	A	132	chr2:157765920-157766196
## 2113	chr2 157766106	+	T	111	chr2:157765920-157766196
## 2114	chr2 157766106	-	T	136	chr2:157765920-157766196
## 2115	chr2 157766107	+	A	106	chr2:157765920-157766196
## 2116	chr2 157766107	-	A	138	chr2:157765920-157766196
## 2117	chr2 157766108	+	G	103	chr2:157765920-157766196
## 2118	chr2 157766108	-	G	140	chr2:157765920-157766196
## 2119	chr2 157766109	+	T	101	chr2:157765920-157766196
## 2120	chr2 157766109	-	T	136	chr2:157765920-157766196
## 2121	chr2 157766110	+	A	1	chr2:157765920-157766196
## 2122	chr2 157766110	+	C	104	chr2:157765920-157766196
## 2123	chr2 157766110	-	C	133	chr2:157765920-157766196
## 2124	chr2 157766111	+	G	111	chr2:157765920-157766196
## 2125	chr2 157766111	-	G	133	chr2:157765920-157766196
## 2126	chr2 157766112	+	A	1	chr2:157765920-157766196
## 2127	chr2 157766112	+	T	114	chr2:157765920-157766196
## 2128	chr2 157766112	-	T	131	chr2:157765920-157766196
## 2129	chr2 157766113	+	A	114	chr2:157765920-157766196
## 2130	chr2 157766113	-	A	131	chr2:157765920-157766196
## 2131	chr2 157766113	+	G	1	chr2:157765920-157766196
## 2132	chr2 157766114	+	C	118	chr2:157765920-157766196
## 2133	chr2 157766114	-	C	131	chr2:157765920-157766196
## 2134	chr2 157766115	+	A	116	chr2:157765920-157766196
## 2135	chr2 157766115	-	A	124	chr2:157765920-157766196
## 2136	chr2 157766116	+	A	117	chr2:157765920-157766196
## 2137	chr2 157766116	-	A	119	chr2:157765920-157766196
## 2138	chr2 157766117	+	C	126	chr2:157765920-157766196
## 2139	chr2 157766117	-	C	119	chr2:157765920-157766196
## 2140	chr2 157766118	+	A	1	chr2:157765920-157766196
## 2141	chr2 157766118	-	A	1	chr2:157765920-157766196
## 2142	chr2 157766118	+	G	127	chr2:157765920-157766196
## 2143	chr2 157766118	-	G	114	chr2:157765920-157766196
## 2144	chr2 157766119	+	A	132	chr2:157765920-157766196

## 2145	chr2 157766119	-	A	114	chr2:157765920-157766196
## 2146	chr2 157766120	+	T	129	chr2:157765920-157766196
## 2147	chr2 157766120	-	T	112	chr2:157765920-157766196
## 2148	chr2 157766121	+	C	128	chr2:157765920-157766196
## 2149	chr2 157766121	-	C	116	chr2:157765920-157766196
## 2150	chr2 157766122	+	C	126	chr2:157765920-157766196
## 2151	chr2 157766122	-	C	119	chr2:157765920-157766196
## 2152	chr2 157766123	+	C	126	chr2:157765920-157766196
## 2153	chr2 157766123	-	C	117	chr2:157765920-157766196
## 2154	chr2 157766124	+	A	125	chr2:157765920-157766196
## 2155	chr2 157766124	-	A	118	chr2:157765920-157766196
## 2156	chr2 157766125	+	A	1	chr2:157765920-157766196
## 2157	chr2 157766125	+	T	127	chr2:157765920-157766196
## 2158	chr2 157766125	-	T	121	chr2:157765920-157766196
## 2159	chr2 157766126	+	T	128	chr2:157765920-157766196
## 2160	chr2 157766126	-	T	114	chr2:157765920-157766196
## 2161	chr2 157766127	+	T	132	chr2:157765920-157766196
## 2162	chr2 157766127	-	T	111	chr2:157765920-157766196
## 2163	chr2 157766128	+	C	135	chr2:157765920-157766196
## 2164	chr2 157766128	-	C	110	chr2:157765920-157766196
## 2165	chr2 157766129	+	A	138	chr2:157765920-157766196
## 2166	chr2 157766129	-	A	98	chr2:157765920-157766196
## 2167	chr2 157766130	+	T	136	chr2:157765920-157766196
## 2168	chr2 157766130	-	T	97	chr2:157765920-157766196
## 2169	chr2 157766131	+	G	145	chr2:157765920-157766196
## 2170	chr2 157766131	-	G	94	chr2:157765920-157766196
## 2171	chr2 157766132	+	A	151	chr2:157765920-157766196
## 2172	chr2 157766132	-	A	91	chr2:157765920-157766196
## 2173	chr2 157766133	+	G	1	chr2:157765920-157766196
## 2174	chr2 157766133	+	T	158	chr2:157765920-157766196
## 2175	chr2 157766133	-	T	85	chr2:157765920-157766196
## 2176	chr2 157766134	+	A	159	chr2:157765920-157766196
## 2177	chr2 157766134	-	A	89	chr2:157765920-157766196
## 2178	chr2 157766135	+	A	162	chr2:157765920-157766196
## 2179	chr2 157766135	-	A	89	chr2:157765920-157766196
## 2180	chr2 157766136	+	T	163	chr2:157765920-157766196
## 2181	chr2 157766136	-	T	83	chr2:157765920-157766196
## 2182	chr2 157766137	+	G	167	chr2:157765920-157766196
## 2183	chr2 157766137	-	G	81	chr2:157765920-157766196
## 2184	chr2 157766138	+	T	168	chr2:157765920-157766196
## 2185	chr2 157766138	-	T	81	chr2:157765920-157766196
## 2186	chr2 157766139	+	G	168	chr2:157765920-157766196
## 2187	chr2 157766139	-	G	80	chr2:157765920-157766196
## 2188	chr2 157766140	+	T	170	chr2:157765920-157766196
## 2189	chr2 157766140	-	T	79	chr2:157765920-157766196
## 2190	chr2 157766141	+	A	172	chr2:157765920-157766196
## 2191	chr2 157766141	-	A	78	chr2:157765920-157766196
## 2192	chr2 157766142	+	A	173	chr2:157765920-157766196
## 2193	chr2 157766142	-	A	77	chr2:157765920-157766196
## 2194	chr2 157766143	+	T	173	chr2:157765920-157766196
## 2195	chr2 157766143	-	T	77	chr2:157765920-157766196
## 2196	chr2 157766144	+	T	173	chr2:157765920-157766196
## 2197	chr2 157766144	-	T	77	chr2:157765920-157766196
## 2198	chr2 157766145	+	A	173	chr2:157765920-157766196

## 2199	chr2 157766145	-	A	76	chr2:157765920-157766196
## 2200	chr2 157766146	+	A	174	chr2:157765920-157766196
## 2201	chr2 157766146	-	A	76	chr2:157765920-157766196
## 2202	chr2 157766147	+	C	173	chr2:157765920-157766196
## 2203	chr2 157766147	-	C	76	chr2:157765920-157766196
## 2204	chr2 157766148	+	C	174	chr2:157765920-157766196
## 2205	chr2 157766148	-	C	76	chr2:157765920-157766196
## 2206	chr2 157766149	+	A	173	chr2:157765920-157766196
## 2207	chr2 157766149	-	A	77	chr2:157765920-157766196
## 2208	chr2 157766150	+	C	174	chr2:157765920-157766196
## 2209	chr2 157766150	-	C	76	chr2:157765920-157766196
## 2210	chr2 157766151	+	A	175	chr2:157765920-157766196
## 2211	chr2 157766151	-	A	75	chr2:157765920-157766196
## 2212	chr2 157766152	+	G	175	chr2:157765920-157766196
## 2213	chr2 157766152	-	G	75	chr2:157765920-157766196
## 2214	chr2 157766153	+	A	1	chr2:157765920-157766196
## 2215	chr2 157766153	+	C	174	chr2:157765920-157766196
## 2216	chr2 157766153	-	C	75	chr2:157765920-157766196
## 2217	chr2 157766154	+	T	172	chr2:157765920-157766196
## 2218	chr2 157766154	-	T	75	chr2:157765920-157766196
## 2219	chr2 157766155	+	G	173	chr2:157765920-157766196
## 2220	chr2 157766155	-	G	76	chr2:157765920-157766196
## 2221	chr2 157766156	+	G	173	chr2:157765920-157766196
## 2222	chr2 157766156	-	G	77	chr2:157765920-157766196
## 2223	chr2 157766157	+	G	172	chr2:157765920-157766196
## 2224	chr2 157766157	-	G	78	chr2:157765920-157766196
## 2225	chr2 157766158	+	T	171	chr2:157765920-157766196
## 2226	chr2 157766158	-	T	79	chr2:157765920-157766196
## 2227	chr2 157766159	+	A	171	chr2:157765920-157766196
## 2228	chr2 157766159	-	A	79	chr2:157765920-157766196
## 2229	chr2 157766160	+	C	169	chr2:157765920-157766196
## 2230	chr2 157766160	-	C	79	chr2:157765920-157766196
## 2231	chr2 157766161	+	G	1	chr2:157765920-157766196
## 2232	chr2 157766161	+	T	165	chr2:157765920-157766196
## 2233	chr2 157766161	-	T	82	chr2:157765920-157766196
## 2234	chr2 157766162	+	G	165	chr2:157765920-157766196
## 2235	chr2 157766162	-	G	84	chr2:157765920-157766196
## 2236	chr2 157766163	+	G	164	chr2:157765920-157766196
## 2237	chr2 157766163	-	G	86	chr2:157765920-157766196
## 2238	chr2 157766164	+	A	163	chr2:157765920-157766196
## 2239	chr2 157766164	-	A	86	chr2:157765920-157766196
## 2240	chr2 157766165	+	G	165	chr2:157765920-157766196
## 2241	chr2 157766165	-	G	85	chr2:157765920-157766196
## 2242	chr2 157766166	+	T	164	chr2:157765920-157766196
## 2243	chr2 157766166	-	T	84	chr2:157765920-157766196
## 2244	chr2 157766167	+	G	163	chr2:157765920-157766196
## 2245	chr2 157766167	-	G	87	chr2:157765920-157766196
## 2246	chr2 157766168	+	T	158	chr2:157765920-157766196
## 2247	chr2 157766168	-	T	86	chr2:157765920-157766196
## 2248	chr2 157766169	+	C	158	chr2:157765920-157766196
## 2249	chr2 157766169	-	C	88	chr2:157765920-157766196
## 2250	chr2 157766169	-	T	1	chr2:157765920-157766196
## 2251	chr2 157766170	+	A	1	chr2:157765920-157766196
## 2252	chr2 157766170	+	T	155	chr2:157765920-157766196

## 2253	chr2 157766170	-	T	92	chr2:157765920-157766196
## 2254	chr2 157766171	+	A	1	chr2:157765920-157766196
## 2255	chr2 157766171	+	T	156	chr2:157765920-157766196
## 2256	chr2 157766171	-	T	92	chr2:157765920-157766196
## 2257	chr2 157766172	+	G	153	chr2:157765920-157766196
## 2258	chr2 157766172	-	G	94	chr2:157765920-157766196
## 2259	chr2 157766173	+	A	148	chr2:157765920-157766196
## 2260	chr2 157766173	-	A	95	chr2:157765920-157766196
## 2261	chr2 157766174	+	T	150	chr2:157765920-157766196
## 2262	chr2 157766174	-	T	97	chr2:157765920-157766196
## 2263	chr2 157766175	+	G	150	chr2:157765920-157766196
## 2264	chr2 157766175	-	G	94	chr2:157765920-157766196
## 2265	chr2 157766176	+	-	1	chr2:157765920-157766196
## 2266	chr2 157766176	-	C	1	chr2:157765920-157766196
## 2267	chr2 157766176	+	T	146	chr2:157765920-157766196
## 2268	chr2 157766176	-	T	92	chr2:157765920-157766196
## 2269	chr2 157766177	+	C	143	chr2:157765920-157766196
## 2270	chr2 157766177	-	C	93	chr2:157765920-157766196
## 2271	chr2 157766178	+	A	141	chr2:157765920-157766196
## 2272	chr2 157766178	-	A	94	chr2:157765920-157766196
## 2273	chr2 157766178	+	T	1	chr2:157765920-157766196
## 2274	chr2 157766179	+	T	138	chr2:157765920-157766196
## 2275	chr2 157766179	-	T	102	chr2:157765920-157766196
## 2276	chr2 157766180	+	C	1	chr2:157765920-157766196
## 2277	chr2 157766180	+	G	136	chr2:157765920-157766196
## 2278	chr2 157766180	-	G	100	chr2:157765920-157766196
## 2279	chr2 157766181	+	T	134	chr2:157765920-157766196
## 2280	chr2 157766181	-	T	95	chr2:157765920-157766196
## 2281	chr2 157766182	+	C	134	chr2:157765920-157766196
## 2282	chr2 157766182	-	C	96	chr2:157765920-157766196
## 2283	chr2 157766183	+	T	133	chr2:157765920-157766196
## 2284	chr2 157766183	-	T	95	chr2:157765920-157766196
## 2285	chr2 157766184	+	G	133	chr2:157765920-157766196
## 2286	chr2 157766184	-	G	94	chr2:157765920-157766196
## 2287	chr2 157766185	+	A	128	chr2:157765920-157766196
## 2288	chr2 157766185	-	A	97	chr2:157765920-157766196
## 2289	chr2 157766186	+	A	122	chr2:157765920-157766196
## 2290	chr2 157766186	-	A	100	chr2:157765920-157766196
## 2291	chr2 157766186	+	G	1	chr2:157765920-157766196
## 2292	chr2 157766187	-	C	1	chr2:157765920-157766196
## 2293	chr2 157766187	+	G	119	chr2:157765920-157766196
## 2294	chr2 157766187	-	G	99	chr2:157765920-157766196
## 2295	chr2 157766188	+	C	119	chr2:157765920-157766196
## 2296	chr2 157766188	-	C	99	chr2:157765920-157766196
## 2297	chr2 157766189	+	A	114	chr2:157765920-157766196
## 2298	chr2 157766189	-	A	103	chr2:157765920-157766196
## 2299	chr2 157766190	+	A	111	chr2:157765920-157766196
## 2300	chr2 157766190	-	A	103	chr2:157765920-157766196
## 2301	chr2 157766191	+	T	109	chr2:157765920-157766196
## 2302	chr2 157766191	-	T	106	chr2:157765920-157766196
## 2303	chr2 157766192	+	G	100	chr2:157765920-157766196
## 2304	chr2 157766192	-	G	115	chr2:157765920-157766196
## 2305	chr2 157766193	+	A	99	chr2:157765920-157766196
## 2306	chr2 157766193	-	A	115	chr2:157765920-157766196

## 2307	chr2 157766194	+	A	93	chr2:157765920-157766196
## 2308	chr2 157766194	-	A	119	chr2:157765920-157766196
## 2309	chr2 157766195	+	A	92	chr2:157765920-157766196
## 2310	chr2 157766195	-	A	117	chr2:157765920-157766196
## 2311	chr2 157766196	+	C	92	chr2:157765920-157766196
## 2312	chr2 157766196	-	C	117	chr2:157765920-157766196
## 2313	chr2 157770367	+	C	237	chr2:157770367-157770514
## 2314	chr2 157770367	-	C	54	chr2:157770367-157770514
## 2315	chr2 157770367	+	T	1	chr2:157770367-157770514
## 2316	chr2 157770368	+	C	236	chr2:157770367-157770514
## 2317	chr2 157770368	-	C	54	chr2:157770367-157770514
## 2318	chr2 157770369	+	T	222	chr2:157770367-157770514
## 2319	chr2 157770369	-	T	54	chr2:157770367-157770514
## 2320	chr2 157770370	+	A	214	chr2:157770367-157770514
## 2321	chr2 157770370	-	A	53	chr2:157770367-157770514
## 2322	chr2 157770371	+	A	207	chr2:157770367-157770514
## 2323	chr2 157770371	-	A	53	chr2:157770367-157770514
## 2324	chr2 157770372	+	G	197	chr2:157770367-157770514
## 2325	chr2 157770372	-	G	53	chr2:157770367-157770514
## 2326	chr2 157770373	+	A	192	chr2:157770367-157770514
## 2327	chr2 157770373	-	A	48	chr2:157770367-157770514
## 2328	chr2 157770374	+	T	188	chr2:157770367-157770514
## 2329	chr2 157770374	-	T	53	chr2:157770367-157770514
## 2330	chr2 157770375	+	A	187	chr2:157770367-157770514
## 2331	chr2 157770375	-	A	52	chr2:157770367-157770514
## 2332	chr2 157770376	+	-	1	chr2:157770367-157770514
## 2333	chr2 157770376	+	T	191	chr2:157770367-157770514
## 2334	chr2 157770376	-	T	51	chr2:157770367-157770514
## 2335	chr2 157770377	+	T	200	chr2:157770367-157770514
## 2336	chr2 157770377	-	T	49	chr2:157770367-157770514
## 2337	chr2 157770378	+	T	202	chr2:157770367-157770514
## 2338	chr2 157770378	-	T	48	chr2:157770367-157770514
## 2339	chr2 157770379	+	T	194	chr2:157770367-157770514
## 2340	chr2 157770379	-	T	48	chr2:157770367-157770514
## 2341	chr2 157770380	+	C	202	chr2:157770367-157770514
## 2342	chr2 157770380	-	C	44	chr2:157770367-157770514
## 2343	chr2 157770381	+	A	199	chr2:157770367-157770514
## 2344	chr2 157770381	-	A	36	chr2:157770367-157770514
## 2345	chr2 157770382	+	A	1	chr2:157770367-157770514
## 2346	chr2 157770382	+	T	200	chr2:157770367-157770514
## 2347	chr2 157770382	-	T	36	chr2:157770367-157770514
## 2348	chr2 157770383	+	A	1	chr2:157770367-157770514
## 2349	chr2 157770383	+	G	200	chr2:157770367-157770514
## 2350	chr2 157770383	-	G	43	chr2:157770367-157770514
## 2351	chr2 157770384	+	C	202	chr2:157770367-157770514
## 2352	chr2 157770384	-	C	43	chr2:157770367-157770514
## 2353	chr2 157770385	+	A	1	chr2:157770367-157770514
## 2354	chr2 157770385	+	C	201	chr2:157770367-157770514
## 2355	chr2 157770385	-	C	42	chr2:157770367-157770514
## 2356	chr2 157770386	+	A	1	chr2:157770367-157770514
## 2357	chr2 157770386	+	T	194	chr2:157770367-157770514
## 2358	chr2 157770386	-	T	44	chr2:157770367-157770514
## 2359	chr2 157770387	+	C	198	chr2:157770367-157770514
## 2360	chr2 157770387	-	C	43	chr2:157770367-157770514

## 2361	chr2 157770388	+	A	203	chr2:157770367-157770514
## 2362	chr2 157770388	-	A	45	chr2:157770367-157770514
## 2363	chr2 157770389	+	G	204	chr2:157770367-157770514
## 2364	chr2 157770389	-	G	44	chr2:157770367-157770514
## 2365	chr2 157770390	+	C	198	chr2:157770367-157770514
## 2366	chr2 157770390	-	C	39	chr2:157770367-157770514
## 2367	chr2 157770391	+	A	200	chr2:157770367-157770514
## 2368	chr2 157770391	-	A	44	chr2:157770367-157770514
## 2369	chr2 157770391	+	C	1	chr2:157770367-157770514
## 2370	chr2 157770391	+	G	1	chr2:157770367-157770514
## 2371	chr2 157770392	+	A	1	chr2:157770367-157770514
## 2372	chr2 157770392	+	T	206	chr2:157770367-157770514
## 2373	chr2 157770392	-	T	42	chr2:157770367-157770514
## 2374	chr2 157770393	+	C	202	chr2:157770367-157770514
## 2375	chr2 157770393	-	C	41	chr2:157770367-157770514
## 2376	chr2 157770394	+	A	196	chr2:157770367-157770514
## 2377	chr2 157770394	-	A	44	chr2:157770367-157770514
## 2378	chr2 157770395	+	C	199	chr2:157770367-157770514
## 2379	chr2 157770395	-	C	48	chr2:157770367-157770514
## 2380	chr2 157770395	+	T	1	chr2:157770367-157770514
## 2381	chr2 157770396	+	A	202	chr2:157770367-157770514
## 2382	chr2 157770396	-	A	45	chr2:157770367-157770514
## 2383	chr2 157770397	+	G	202	chr2:157770367-157770514
## 2384	chr2 157770397	-	G	47	chr2:157770367-157770514
## 2385	chr2 157770398	+	T	193	chr2:157770367-157770514
## 2386	chr2 157770398	-	T	45	chr2:157770367-157770514
## 2387	chr2 157770399	+	G	201	chr2:157770367-157770514
## 2388	chr2 157770399	-	G	46	chr2:157770367-157770514
## 2389	chr2 157770400	+	T	194	chr2:157770367-157770514
## 2390	chr2 157770400	-	T	46	chr2:157770367-157770514
## 2391	chr2 157770401	+	T	202	chr2:157770367-157770514
## 2392	chr2 157770401	-	T	47	chr2:157770367-157770514
## 2393	chr2 157770402	+	G	203	chr2:157770367-157770514
## 2394	chr2 157770402	-	G	47	chr2:157770367-157770514
## 2395	chr2 157770403	+	C	1	chr2:157770367-157770514
## 2396	chr2 157770403	+	T	201	chr2:157770367-157770514
## 2397	chr2 157770403	-	T	48	chr2:157770367-157770514
## 2398	chr2 157770404	+	A	202	chr2:157770367-157770514
## 2399	chr2 157770404	-	A	48	chr2:157770367-157770514
## 2400	chr2 157770405	+	C	203	chr2:157770367-157770514
## 2401	chr2 157770405	-	C	48	chr2:157770367-157770514
## 2402	chr2 157770406	+	A	203	chr2:157770367-157770514
## 2403	chr2 157770406	-	A	48	chr2:157770367-157770514
## 2404	chr2 157770407	+	A	203	chr2:157770367-157770514
## 2405	chr2 157770407	-	A	48	chr2:157770367-157770514
## 2406	chr2 157770408	+	T	203	chr2:157770367-157770514
## 2407	chr2 157770408	-	T	48	chr2:157770367-157770514
## 2408	chr2 157770409	+	A	1	chr2:157770367-157770514
## 2409	chr2 157770409	+	T	202	chr2:157770367-157770514
## 2410	chr2 157770409	-	T	48	chr2:157770367-157770514
## 2411	chr2 157770410	+	C	204	chr2:157770367-157770514
## 2412	chr2 157770410	-	C	48	chr2:157770367-157770514
## 2413	chr2 157770411	+	C	204	chr2:157770367-157770514
## 2414	chr2 157770411	-	C	48	chr2:157770367-157770514

## 2415	chr2 157770412	+	G	204	chr2:157770367-157770514
## 2416	chr2 157770412	-	G	48	chr2:157770367-157770514
## 2417	chr2 157770413	+	T	204	chr2:157770367-157770514
## 2418	chr2 157770413	-	T	48	chr2:157770367-157770514
## 2419	chr2 157770414	+	T	204	chr2:157770367-157770514
## 2420	chr2 157770414	-	T	48	chr2:157770367-157770514
## 2421	chr2 157770415	+	T	205	chr2:157770367-157770514
## 2422	chr2 157770415	-	T	47	chr2:157770367-157770514
## 2423	chr2 157770416	+	C	205	chr2:157770367-157770514
## 2424	chr2 157770416	-	C	47	chr2:157770367-157770514
## 2425	chr2 157770417	+	C	205	chr2:157770367-157770514
## 2426	chr2 157770417	-	C	47	chr2:157770367-157770514
## 2427	chr2 157770418	+	C	205	chr2:157770367-157770514
## 2428	chr2 157770418	-	C	47	chr2:157770367-157770514
## 2429	chr2 157770419	+	T	204	chr2:157770367-157770514
## 2430	chr2 157770419	-	T	48	chr2:157770367-157770514
## 2431	chr2 157770420	+	G	204	chr2:157770367-157770514
## 2432	chr2 157770420	-	G	48	chr2:157770367-157770514
## 2433	chr2 157770421	+	A	203	chr2:157770367-157770514
## 2434	chr2 157770421	-	A	48	chr2:157770367-157770514
## 2435	chr2 157770421	+	C	1	chr2:157770367-157770514
## 2436	chr2 157770422	+	A	203	chr2:157770367-157770514
## 2437	chr2 157770422	-	A	48	chr2:157770367-157770514
## 2438	chr2 157770423	+	C	203	chr2:157770367-157770514
## 2439	chr2 157770423	-	C	48	chr2:157770367-157770514
## 2440	chr2 157770424	+	C	203	chr2:157770367-157770514
## 2441	chr2 157770424	-	C	48	chr2:157770367-157770514
## 2442	chr2 157770425	+	A	202	chr2:157770367-157770514
## 2443	chr2 157770425	-	A	49	chr2:157770367-157770514
## 2444	chr2 157770426	+	T	202	chr2:157770367-157770514
## 2445	chr2 157770426	-	T	49	chr2:157770367-157770514
## 2446	chr2 157770427	+	G	200	chr2:157770367-157770514
## 2447	chr2 157770427	-	G	49	chr2:157770367-157770514
## 2448	chr2 157770428	+	A	200	chr2:157770367-157770514
## 2449	chr2 157770428	-	A	50	chr2:157770367-157770514
## 2450	chr2 157770429	+	C	199	chr2:157770367-157770514
## 2451	chr2 157770429	-	C	50	chr2:157770367-157770514
## 2452	chr2 157770429	+	G	1	chr2:157770367-157770514
## 2453	chr2 157770430	+	T	200	chr2:157770367-157770514
## 2454	chr2 157770430	-	T	50	chr2:157770367-157770514
## 2455	chr2 157770431	+	T	200	chr2:157770367-157770514
## 2456	chr2 157770431	-	T	49	chr2:157770367-157770514
## 2457	chr2 157770432	+	C	199	chr2:157770367-157770514
## 2458	chr2 157770432	-	C	50	chr2:157770367-157770514
## 2459	chr2 157770433	+	T	199	chr2:157770367-157770514
## 2460	chr2 157770433	-	T	51	chr2:157770367-157770514
## 2461	chr2 157770434	+	C	199	chr2:157770367-157770514
## 2462	chr2 157770434	-	C	51	chr2:157770367-157770514
## 2463	chr2 157770435	+	A	199	chr2:157770367-157770514
## 2464	chr2 157770435	-	A	51	chr2:157770367-157770514
## 2465	chr2 157770436	+	T	198	chr2:157770367-157770514
## 2466	chr2 157770436	-	T	51	chr2:157770367-157770514
## 2467	chr2 157770437	+	C	200	chr2:157770367-157770514
## 2468	chr2 157770437	-	C	50	chr2:157770367-157770514

## 2469	chr2 157770438	+	A	200	chr2:157770367-157770514
## 2470	chr2 157770438	-	A	50	chr2:157770367-157770514
## 2471	chr2 157770439	+	C	199	chr2:157770367-157770514
## 2472	chr2 157770439	-	C	50	chr2:157770367-157770514
## 2473	chr2 157770439	+	T	1	chr2:157770367-157770514
## 2474	chr2 157770440	+	G	200	chr2:157770367-157770514
## 2475	chr2 157770440	-	G	50	chr2:157770367-157770514
## 2476	chr2 157770441	+	G	200	chr2:157770367-157770514
## 2477	chr2 157770441	-	G	50	chr2:157770367-157770514
## 2478	chr2 157770442	+	G	200	chr2:157770367-157770514
## 2479	chr2 157770442	-	G	50	chr2:157770367-157770514
## 2480	chr2 157770443	+	A	200	chr2:157770367-157770514
## 2481	chr2 157770443	-	A	50	chr2:157770367-157770514
## 2482	chr2 157770444	+	G	200	chr2:157770367-157770514
## 2483	chr2 157770444	-	G	50	chr2:157770367-157770514
## 2484	chr2 157770445	+	G	199	chr2:157770367-157770514
## 2485	chr2 157770445	-	G	51	chr2:157770367-157770514
## 2486	chr2 157770446	+	A	199	chr2:157770367-157770514
## 2487	chr2 157770446	-	A	51	chr2:157770367-157770514
## 2488	chr2 157770447	+	G	198	chr2:157770367-157770514
## 2489	chr2 157770447	-	G	52	chr2:157770367-157770514
## 2490	chr2 157770448	+	A	197	chr2:157770367-157770514
## 2491	chr2 157770448	-	A	51	chr2:157770367-157770514
## 2492	chr2 157770449	+	A	193	chr2:157770367-157770514
## 2493	chr2 157770449	-	A	48	chr2:157770367-157770514
## 2494	chr2 157770450	+	G	185	chr2:157770367-157770514
## 2495	chr2 157770450	-	G	49	chr2:157770367-157770514
## 2496	chr2 157770451	+	A	175	chr2:157770367-157770514
## 2497	chr2 157770451	-	A	56	chr2:157770367-157770514
## 2498	chr2 157770452	+	T	171	chr2:157770367-157770514
## 2499	chr2 157770452	-	T	58	chr2:157770367-157770514
## 2500	chr2 157770453	+	C	170	chr2:157770367-157770514
## 2501	chr2 157770453	-	C	59	chr2:157770367-157770514
## 2502	chr2 157770454	+	T	169	chr2:157770367-157770514
## 2503	chr2 157770454	-	T	69	chr2:157770367-157770514
## 2504	chr2 157770455	+	T	161	chr2:157770367-157770514
## 2505	chr2 157770455	-	T	69	chr2:157770367-157770514
## 2506	chr2 157770456	+	C	158	chr2:157770367-157770514
## 2507	chr2 157770456	-	C	77	chr2:157770367-157770514
## 2508	chr2 157770457	+	A	152	chr2:157770367-157770514
## 2509	chr2 157770457	-	A	87	chr2:157770367-157770514
## 2510	chr2 157770458	+	C	153	chr2:157770367-157770514
## 2511	chr2 157770458	-	C	82	chr2:157770367-157770514
## 2512	chr2 157770459	+	G	152	chr2:157770367-157770514
## 2513	chr2 157770459	-	G	82	chr2:157770367-157770514
## 2514	chr2 157770459	-	T	2	chr2:157770367-157770514
## 2515	chr2 157770460	-	C	2	chr2:157770367-157770514
## 2516	chr2 157770460	+	G	151	chr2:157770367-157770514
## 2517	chr2 157770460	-	G	92	chr2:157770367-157770514
## 2518	chr2 157770461	-	-	1	chr2:157770367-157770514
## 2519	chr2 157770461	+	C	154	chr2:157770367-157770514
## 2520	chr2 157770461	-	C	91	chr2:157770367-157770514
## 2521	chr2 157770462	+	A	143	chr2:157770367-157770514
## 2522	chr2 157770462	-	A	96	chr2:157770367-157770514

## 2523	chr2 157770463	+	A	140	chr2:157770367-157770514
## 2524	chr2 157770463	-	A	102	chr2:157770367-157770514
## 2525	chr2 157770463	+	G	1	chr2:157770367-157770514
## 2526	chr2 157770463	-	T	1	chr2:157770367-157770514
## 2527	chr2 157770464	+	C	143	chr2:157770367-157770514
## 2528	chr2 157770464	-	C	105	chr2:157770367-157770514
## 2529	chr2 157770465	+	A	142	chr2:157770367-157770514
## 2530	chr2 157770465	-	A	105	chr2:157770367-157770514
## 2531	chr2 157770465	+	C	1	chr2:157770367-157770514
## 2532	chr2 157770466	+	T	136	chr2:157770367-157770514
## 2533	chr2 157770466	-	T	102	chr2:157770367-157770514
## 2534	chr2 157770467	+	T	134	chr2:157770367-157770514
## 2535	chr2 157770467	-	T	108	chr2:157770367-157770514
## 2536	chr2 157770468	+	T	133	chr2:157770367-157770514
## 2537	chr2 157770468	-	T	113	chr2:157770367-157770514
## 2538	chr2 157770469	+	T	131	chr2:157770367-157770514
## 2539	chr2 157770469	-	T	112	chr2:157770367-157770514
## 2540	chr2 157770470	+	C	127	chr2:157770367-157770514
## 2541	chr2 157770470	-	C	112	chr2:157770367-157770514
## 2542	chr2 157770471	+	C	124	chr2:157770367-157770514
## 2543	chr2 157770471	-	C	116	chr2:157770367-157770514
## 2544	chr2 157770472	+	C	129	chr2:157770367-157770514
## 2545	chr2 157770472	-	C	118	chr2:157770367-157770514
## 2546	chr2 157770473	+	C	130	chr2:157770367-157770514
## 2547	chr2 157770473	-	C	119	chr2:157770367-157770514
## 2548	chr2 157770474	+	T	121	chr2:157770367-157770514
## 2549	chr2 157770474	-	T	118	chr2:157770367-157770514
## 2550	chr2 157770475	+	T	121	chr2:157770367-157770514
## 2551	chr2 157770475	-	T	119	chr2:157770367-157770514
## 2552	chr2 157770476	+	G	115	chr2:157770367-157770514
## 2553	chr2 157770476	-	G	119	chr2:157770367-157770514
## 2554	chr2 157770477	+	C	118	chr2:157770367-157770514
## 2555	chr2 157770477	-	C	130	chr2:157770367-157770514
## 2556	chr2 157770478	+	C	121	chr2:157770367-157770514
## 2557	chr2 157770478	-	C	129	chr2:157770367-157770514
## 2558	chr2 157770479	+	A	120	chr2:157770367-157770514
## 2559	chr2 157770479	-	A	129	chr2:157770367-157770514
## 2560	chr2 157770479	+	C	1	chr2:157770367-157770514
## 2561	chr2 157770480	+	G	121	chr2:157770367-157770514
## 2562	chr2 157770480	-	G	129	chr2:157770367-157770514
## 2563	chr2 157770481	+	C	121	chr2:157770367-157770514
## 2564	chr2 157770481	-	C	129	chr2:157770367-157770514
## 2565	chr2 157770482	+	T	121	chr2:157770367-157770514
## 2566	chr2 157770482	-	T	129	chr2:157770367-157770514
## 2567	chr2 157770483	+	G	121	chr2:157770367-157770514
## 2568	chr2 157770483	-	G	128	chr2:157770367-157770514
## 2569	chr2 157770483	-	T	1	chr2:157770367-157770514
## 2570	chr2 157770484	+	C	121	chr2:157770367-157770514
## 2571	chr2 157770484	-	C	123	chr2:157770367-157770514
## 2572	chr2 157770485	-	A	2	chr2:157770367-157770514
## 2573	chr2 157770485	+	C	121	chr2:157770367-157770514
## 2574	chr2 157770485	-	C	121	chr2:157770367-157770514
## 2575	chr2 157770486	+	C	124	chr2:157770367-157770514
## 2576	chr2 157770486	-	C	126	chr2:157770367-157770514

## 2577	chr2 157770487	+	C	124	chr2:157770367-157770514
## 2578	chr2 157770487	-	C	126	chr2:157770367-157770514
## 2579	chr2 157770488	+	T	123	chr2:157770367-157770514
## 2580	chr2 157770488	-	T	127	chr2:157770367-157770514
## 2581	chr2 157770489	+	C	123	chr2:157770367-157770514
## 2582	chr2 157770489	-	C	127	chr2:157770367-157770514
## 2583	chr2 157770490	+	C	123	chr2:157770367-157770514
## 2584	chr2 157770490	-	C	127	chr2:157770367-157770514
## 2585	chr2 157770491	+	A	123	chr2:157770367-157770514
## 2586	chr2 157770491	-	A	127	chr2:157770367-157770514
## 2587	chr2 157770492	+	C	123	chr2:157770367-157770514
## 2588	chr2 157770492	-	C	127	chr2:157770367-157770514
## 2589	chr2 157770493	+	A	121	chr2:157770367-157770514
## 2590	chr2 157770493	-	A	127	chr2:157770367-157770514
## 2591	chr2 157770493	+	C	2	chr2:157770367-157770514
## 2592	chr2 157770494	+	C	122	chr2:157770367-157770514
## 2593	chr2 157770494	-	C	127	chr2:157770367-157770514
## 2594	chr2 157770494	+	T	1	chr2:157770367-157770514
## 2595	chr2 157770495	+	C	123	chr2:157770367-157770514
## 2596	chr2 157770495	-	C	127	chr2:157770367-157770514
## 2597	chr2 157770496	+	T	123	chr2:157770367-157770514
## 2598	chr2 157770496	-	T	127	chr2:157770367-157770514
## 2599	chr2 157770497	+	C	122	chr2:157770367-157770514
## 2600	chr2 157770497	-	C	127	chr2:157770367-157770514
## 2601	chr2 157770498	+	A	121	chr2:157770367-157770514
## 2602	chr2 157770498	-	A	127	chr2:157770367-157770514
## 2603	chr2 157770498	+	C	2	chr2:157770367-157770514
## 2604	chr2 157770499	+	C	123	chr2:157770367-157770514
## 2605	chr2 157770499	-	C	127	chr2:157770367-157770514
## 2606	chr2 157770500	+	C	124	chr2:157770367-157770514
## 2607	chr2 157770500	-	C	126	chr2:157770367-157770514
## 2608	chr2 157770501	+	A	124	chr2:157770367-157770514
## 2609	chr2 157770501	-	A	126	chr2:157770367-157770514
## 2610	chr2 157770502	+	T	124	chr2:157770367-157770514
## 2611	chr2 157770502	-	T	126	chr2:157770367-157770514
## 2612	chr2 157770503	+	A	124	chr2:157770367-157770514
## 2613	chr2 157770503	-	A	124	chr2:157770367-157770514
## 2614	chr2 157770504	-	A	2	chr2:157770367-157770514
## 2615	chr2 157770504	+	C	125	chr2:157770367-157770514
## 2616	chr2 157770504	-	C	123	chr2:157770367-157770514
## 2617	chr2 157770505	+	C	124	chr2:157770367-157770514
## 2618	chr2 157770505	-	C	125	chr2:157770367-157770514
## 2619	chr2 157770506	+	T	126	chr2:157770367-157770514
## 2620	chr2 157770506	-	T	125	chr2:157770367-157770514
## 2621	chr2 157770507	+	G	127	chr2:157770367-157770514
## 2622	chr2 157770507	-	G	124	chr2:157770367-157770514
## 2623	chr2 157770508	+	C	127	chr2:157770367-157770514
## 2624	chr2 157770508	-	C	123	chr2:157770367-157770514
## 2625	chr2 157770509	+	C	127	chr2:157770367-157770514
## 2626	chr2 157770509	-	C	123	chr2:157770367-157770514
## 2627	chr2 157770510	+	G	1	chr2:157770367-157770514
## 2628	chr2 157770510	+	T	126	chr2:157770367-157770514
## 2629	chr2 157770510	-	T	123	chr2:157770367-157770514
## 2630	chr2 157770511	+	T	126	chr2:157770367-157770514

## 2631	chr2 157770511	-	T	123	chr2:157770367-157770514
## 2632	chr2 157770512	+	T	127	chr2:157770367-157770514
## 2633	chr2 157770512	-	T	121	chr2:157770367-157770514
## 2634	chr2 157770513	+	C	129	chr2:157770367-157770514
## 2635	chr2 157770513	-	C	121	chr2:157770367-157770514
## 2636	chr2 157770514	+	C	129	chr2:157770367-157770514
## 2637	chr2 157770514	-	C	121	chr2:157770367-157770514
## 2638	chr2 157774087	+	C	262	chr2:157774087-157774187
## 2639	chr2 157774087	-	C	19	chr2:157774087-157774187
## 2640	chr2 157774087	+	T	1	chr2:157774087-157774187
## 2641	chr2 157774088	+	A	1	chr2:157774087-157774187
## 2642	chr2 157774088	+	C	254	chr2:157774087-157774187
## 2643	chr2 157774088	-	C	19	chr2:157774087-157774187
## 2644	chr2 157774088	+	T	4	chr2:157774087-157774187
## 2645	chr2 157774089	+	A	1	chr2:157774087-157774187
## 2646	chr2 157774089	+	G	256	chr2:157774087-157774187
## 2647	chr2 157774089	-	G	18	chr2:157774087-157774187
## 2648	chr2 157774090	+	A	255	chr2:157774087-157774187
## 2649	chr2 157774090	-	A	18	chr2:157774087-157774187
## 2650	chr2 157774091	+	A	1	chr2:157774087-157774187
## 2651	chr2 157774091	+	C	250	chr2:157774087-157774187
## 2652	chr2 157774091	-	C	18	chr2:157774087-157774187
## 2653	chr2 157774092	+	A	238	chr2:157774087-157774187
## 2654	chr2 157774092	-	A	18	chr2:157774087-157774187
## 2655	chr2 157774093	+	C	237	chr2:157774087-157774187
## 2656	chr2 157774093	-	C	18	chr2:157774087-157774187
## 2657	chr2 157774094	+	A	236	chr2:157774087-157774187
## 2658	chr2 157774094	-	A	18	chr2:157774087-157774187
## 2659	chr2 157774095	+	C	229	chr2:157774087-157774187
## 2660	chr2 157774095	-	C	18	chr2:157774087-157774187
## 2661	chr2 157774096	+	T	231	chr2:157774087-157774187
## 2662	chr2 157774096	-	T	18	chr2:157774087-157774187
## 2663	chr2 157774097	+	C	216	chr2:157774087-157774187
## 2664	chr2 157774097	-	C	16	chr2:157774087-157774187
## 2665	chr2 157774098	+	C	216	chr2:157774087-157774187
## 2666	chr2 157774098	-	C	22	chr2:157774087-157774187
## 2667	chr2 157774099	+	A	214	chr2:157774087-157774187
## 2668	chr2 157774099	-	A	26	chr2:157774087-157774187
## 2669	chr2 157774100	+	A	223	chr2:157774087-157774187
## 2670	chr2 157774100	-	A	26	chr2:157774087-157774187
## 2671	chr2 157774100	+	G	1	chr2:157774087-157774187
## 2672	chr2 157774101	+	C	223	chr2:157774087-157774187
## 2673	chr2 157774101	-	C	26	chr2:157774087-157774187
## 2674	chr2 157774102	+	A	216	chr2:157774087-157774187
## 2675	chr2 157774102	-	A	25	chr2:157774087-157774187
## 2676	chr2 157774103	+	G	219	chr2:157774087-157774187
## 2677	chr2 157774103	-	G	31	chr2:157774087-157774187
## 2678	chr2 157774104	+	T	215	chr2:157774087-157774187
## 2679	chr2 157774104	-	T	31	chr2:157774087-157774187
## 2680	chr2 157774105	+	G	214	chr2:157774087-157774187
## 2681	chr2 157774105	-	G	34	chr2:157774087-157774187
## 2682	chr2 157774106	+	T	217	chr2:157774087-157774187
## 2683	chr2 157774106	-	T	34	chr2:157774087-157774187
## 2684	chr2 157774107	+	A	218	chr2:157774087-157774187

## 2685	chr2 157774107	-	A	34	chr2:157774087-157774187
## 2686	chr2 157774108	+	A	213	chr2:157774087-157774187
## 2687	chr2 157774108	-	A	34	chr2:157774087-157774187
## 2688	chr2 157774109	+	T	205	chr2:157774087-157774187
## 2689	chr2 157774109	-	T	38	chr2:157774087-157774187
## 2690	chr2 157774110	+	C	202	chr2:157774087-157774187
## 2691	chr2 157774110	-	C	41	chr2:157774087-157774187
## 2692	chr2 157774111	+	T	188	chr2:157774087-157774187
## 2693	chr2 157774111	-	T	43	chr2:157774087-157774187
## 2694	chr2 157774112	+	G	199	chr2:157774087-157774187
## 2695	chr2 157774112	-	G	46	chr2:157774087-157774187
## 2696	chr2 157774113	+	G	201	chr2:157774087-157774187
## 2697	chr2 157774113	-	G	49	chr2:157774087-157774187
## 2698	chr2 157774114	+	C	197	chr2:157774087-157774187
## 2699	chr2 157774114	-	C	49	chr2:157774087-157774187
## 2700	chr2 157774115	+	G	187	chr2:157774087-157774187
## 2701	chr2 157774115	-	G	53	chr2:157774087-157774187
## 2702	chr2 157774116	+	A	182	chr2:157774087-157774187
## 2703	chr2 157774116	-	A	53	chr2:157774087-157774187
## 2704	chr2 157774117	+	G	182	chr2:157774087-157774187
## 2705	chr2 157774117	-	G	66	chr2:157774087-157774187
## 2706	chr2 157774118	+	A	1	chr2:157774087-157774187
## 2707	chr2 157774118	+	C	175	chr2:157774087-157774187
## 2708	chr2 157774118	-	C	66	chr2:157774087-157774187
## 2709	chr2 157774119	+	C	178	chr2:157774087-157774187
## 2710	chr2 157774119	-	C	72	chr2:157774087-157774187
## 2711	chr2 157774120	+	A	171	chr2:157774087-157774187
## 2712	chr2 157774120	-	A	72	chr2:157774087-157774187
## 2713	chr2 157774121	+	C	171	chr2:157774087-157774187
## 2714	chr2 157774121	-	C	80	chr2:157774087-157774187
## 2715	chr2 157774122	+	T	159	chr2:157774087-157774187
## 2716	chr2 157774122	-	T	79	chr2:157774087-157774187
## 2717	chr2 157774123	+	G	159	chr2:157774087-157774187
## 2718	chr2 157774123	-	G	85	chr2:157774087-157774187
## 2719	chr2 157774124	+	T	154	chr2:157774087-157774187
## 2720	chr2 157774124	-	T	86	chr2:157774087-157774187
## 2721	chr2 157774125	+	T	149	chr2:157774087-157774187
## 2722	chr2 157774125	-	T	90	chr2:157774087-157774187
## 2723	chr2 157774126	+	A	1	chr2:157774087-157774187
## 2724	chr2 157774126	+	C	151	chr2:157774087-157774187
## 2725	chr2 157774126	-	C	97	chr2:157774087-157774187
## 2726	chr2 157774127	+	T	149	chr2:157774087-157774187
## 2727	chr2 157774127	-	T	97	chr2:157774087-157774187
## 2728	chr2 157774128	+	T	148	chr2:157774087-157774187
## 2729	chr2 157774128	-	T	97	chr2:157774087-157774187
## 2730	chr2 157774129	+	T	138	chr2:157774087-157774187
## 2731	chr2 157774129	-	T	97	chr2:157774087-157774187
## 2732	chr2 157774130	+	G	138	chr2:157774087-157774187
## 2733	chr2 157774130	-	G	97	chr2:157774087-157774187
## 2734	chr2 157774131	+	T	139	chr2:157774087-157774187
## 2735	chr2 157774131	-	T	106	chr2:157774087-157774187
## 2736	chr2 157774132	+	A	139	chr2:157774087-157774187
## 2737	chr2 157774132	-	A	106	chr2:157774087-157774187
## 2738	chr2 157774133	+	C	144	chr2:157774087-157774187

## 2739	chr2 157774133	-	C	106	chr2:157774087-157774187
## 2740	chr2 157774134	+	C	144	chr2:157774087-157774187
## 2741	chr2 157774134	-	C	106	chr2:157774087-157774187
## 2742	chr2 157774135	+	A	143	chr2:157774087-157774187
## 2743	chr2 157774135	-	A	107	chr2:157774087-157774187
## 2744	chr2 157774136	+	G	143	chr2:157774087-157774187
## 2745	chr2 157774136	-	G	107	chr2:157774087-157774187
## 2746	chr2 157774137	+	A	143	chr2:157774087-157774187
## 2747	chr2 157774137	-	A	107	chr2:157774087-157774187
## 2748	chr2 157774138	+	A	142	chr2:157774087-157774187
## 2749	chr2 157774138	-	A	108	chr2:157774087-157774187
## 2750	chr2 157774139	+	A	142	chr2:157774087-157774187
## 2751	chr2 157774139	-	A	107	chr2:157774087-157774187
## 2752	chr2 157774139	-	T	1	chr2:157774087-157774187
## 2753	chr2 157774140	+	A	142	chr2:157774087-157774187
## 2754	chr2 157774140	-	A	108	chr2:157774087-157774187
## 2755	chr2 157774141	+	G	142	chr2:157774087-157774187
## 2756	chr2 157774141	-	G	108	chr2:157774087-157774187
## 2757	chr2 157774142	+	G	142	chr2:157774087-157774187
## 2758	chr2 157774142	-	G	108	chr2:157774087-157774187
## 2759	chr2 157774143	+	A	143	chr2:157774087-157774187
## 2760	chr2 157774143	-	A	108	chr2:157774087-157774187
## 2761	chr2 157774144	+	A	143	chr2:157774087-157774187
## 2762	chr2 157774144	-	A	108	chr2:157774087-157774187
## 2763	chr2 157774145	+	G	143	chr2:157774087-157774187
## 2764	chr2 157774145	-	G	107	chr2:157774087-157774187
## 2765	chr2 157774146	+	A	141	chr2:157774087-157774187
## 2766	chr2 157774146	-	A	107	chr2:157774087-157774187
## 2767	chr2 157774146	+	C	1	chr2:157774087-157774187
## 2768	chr2 157774147	+	C	143	chr2:157774087-157774187
## 2769	chr2 157774147	-	C	108	chr2:157774087-157774187
## 2770	chr2 157774148	+	C	143	chr2:157774087-157774187
## 2771	chr2 157774148	-	C	108	chr2:157774087-157774187
## 2772	chr2 157774149	+	A	143	chr2:157774087-157774187
## 2773	chr2 157774149	-	A	108	chr2:157774087-157774187
## 2774	chr2 157774150	+	G	143	chr2:157774087-157774187
## 2775	chr2 157774150	-	G	108	chr2:157774087-157774187
## 2776	chr2 157774151	+	A	143	chr2:157774087-157774187
## 2777	chr2 157774151	-	A	108	chr2:157774087-157774187
## 2778	chr2 157774152	+	A	1	chr2:157774087-157774187
## 2779	chr2 157774152	+	G	142	chr2:157774087-157774187
## 2780	chr2 157774152	-	G	108	chr2:157774087-157774187
## 2781	chr2 157774153	+	C	142	chr2:157774087-157774187
## 2782	chr2 157774153	-	C	109	chr2:157774087-157774187
## 2783	chr2 157774154	+	C	142	chr2:157774087-157774187
## 2784	chr2 157774154	-	C	109	chr2:157774087-157774187
## 2785	chr2 157774155	+	A	142	chr2:157774087-157774187
## 2786	chr2 157774155	-	A	109	chr2:157774087-157774187
## 2787	chr2 157774156	+	C	142	chr2:157774087-157774187
## 2788	chr2 157774156	-	C	109	chr2:157774087-157774187
## 2789	chr2 157774157	+	T	143	chr2:157774087-157774187
## 2790	chr2 157774157	-	T	109	chr2:157774087-157774187
## 2791	chr2 157774158	-	A	1	chr2:157774087-157774187
## 2792	chr2 157774158	+	T	142	chr2:157774087-157774187

## 2793	chr2 157774158	-	T	109	chr2:157774087-157774187
## 2794	chr2 157774159	+	C	141	chr2:157774087-157774187
## 2795	chr2 157774159	-	C	108	chr2:157774087-157774187
## 2796	chr2 157774159	+	T	1	chr2:157774087-157774187
## 2797	chr2 157774160	+	C	142	chr2:157774087-157774187
## 2798	chr2 157774160	-	C	108	chr2:157774087-157774187
## 2799	chr2 157774161	+	T	141	chr2:157774087-157774187
## 2800	chr2 157774161	-	T	109	chr2:157774087-157774187
## 2801	chr2 157774162	+	G	140	chr2:157774087-157774187
## 2802	chr2 157774162	-	G	110	chr2:157774087-157774187
## 2803	chr2 157774163	+	A	140	chr2:157774087-157774187
## 2804	chr2 157774163	-	A	110	chr2:157774087-157774187
## 2805	chr2 157774164	+	T	140	chr2:157774087-157774187
## 2806	chr2 157774164	-	T	110	chr2:157774087-157774187
## 2807	chr2 157774165	+	A	1	chr2:157774087-157774187
## 2808	chr2 157774165	+	G	139	chr2:157774087-157774187
## 2809	chr2 157774165	-	G	110	chr2:157774087-157774187
## 2810	chr2 157774166	+	A	1	chr2:157774087-157774187
## 2811	chr2 157774166	+	T	139	chr2:157774087-157774187
## 2812	chr2 157774166	-	T	110	chr2:157774087-157774187
## 2813	chr2 157774167	+	A	139	chr2:157774087-157774187
## 2814	chr2 157774167	-	A	110	chr2:157774087-157774187
## 2815	chr2 157774167	+	C	1	chr2:157774087-157774187
## 2816	chr2 157774168	+	C	137	chr2:157774087-157774187
## 2817	chr2 157774168	-	C	110	chr2:157774087-157774187
## 2818	chr2 157774168	+	T	3	chr2:157774087-157774187
## 2819	chr2 157774169	+	A	139	chr2:157774087-157774187
## 2820	chr2 157774169	-	A	109	chr2:157774087-157774187
## 2821	chr2 157774169	-	T	1	chr2:157774087-157774187
## 2822	chr2 157774170	+	C	138	chr2:157774087-157774187
## 2823	chr2 157774170	-	C	111	chr2:157774087-157774187
## 2824	chr2 157774170	-	T	1	chr2:157774087-157774187
## 2825	chr2 157774171	+	G	136	chr2:157774087-157774187
## 2826	chr2 157774171	-	G	111	chr2:157774087-157774187
## 2827	chr2 157774172	+	A	138	chr2:157774087-157774187
## 2828	chr2 157774172	-	A	111	chr2:157774087-157774187
## 2829	chr2 157774173	+	A	138	chr2:157774087-157774187
## 2830	chr2 157774173	-	A	105	chr2:157774087-157774187
## 2831	chr2 157774174	+	T	142	chr2:157774087-157774187
## 2832	chr2 157774174	-	T	101	chr2:157774087-157774187
## 2833	chr2 157774175	+	G	133	chr2:157774087-157774187
## 2834	chr2 157774175	-	G	103	chr2:157774087-157774187
## 2835	chr2 157774176	+	A	135	chr2:157774087-157774187
## 2836	chr2 157774176	-	A	109	chr2:157774087-157774187
## 2837	chr2 157774177	+	T	141	chr2:157774087-157774187
## 2838	chr2 157774177	-	T	109	chr2:157774087-157774187
## 2839	chr2 157774178	+	C	139	chr2:157774087-157774187
## 2840	chr2 157774178	-	C	102	chr2:157774087-157774187
## 2841	chr2 157774179	+	C	143	chr2:157774087-157774187
## 2842	chr2 157774179	-	C	102	chr2:157774087-157774187
## 2843	chr2 157774180	+	A	145	chr2:157774087-157774187
## 2844	chr2 157774180	-	A	99	chr2:157774087-157774187
## 2845	chr2 157774180	+	G	1	chr2:157774087-157774187
## 2846	chr2 157774180	-	G	1	chr2:157774087-157774187

## 2847	chr2 157774181	+	A	148	chr2:157774087-157774187
## 2848	chr2 157774181	-	A	100	chr2:157774087-157774187
## 2849	chr2 157774182	-	A	1	chr2:157774087-157774187
## 2850	chr2 157774182	+	T	150	chr2:157774087-157774187
## 2851	chr2 157774182	-	T	99	chr2:157774087-157774187
## 2852	chr2 157774183	+	A	150	chr2:157774087-157774187
## 2853	chr2 157774183	-	A	100	chr2:157774087-157774187
## 2854	chr2 157774184	+	A	151	chr2:157774087-157774187
## 2855	chr2 157774184	-	A	96	chr2:157774087-157774187
## 2856	chr2 157774185	+	A	151	chr2:157774087-157774187
## 2857	chr2 157774185	-	A	93	chr2:157774087-157774187
## 2858	chr2 157774186	+	T	157	chr2:157774087-157774187
## 2859	chr2 157774186	-	T	91	chr2:157774087-157774187
## 2860	chr2 157774187	+	C	144	chr2:157774087-157774187
## 2861	chr2 157774187	-	C	88	chr2:157774087-157774187
## 2862	chr2 157778130	+	C	240	chr2:157778130-157778342
## 2863	chr2 157778130	-	C	75	chr2:157778130-157778342
## 2864	chr2 157778131	-	A	1	chr2:157778130-157778342
## 2865	chr2 157778131	+	T	202	chr2:157778130-157778342
## 2866	chr2 157778131	-	T	73	chr2:157778130-157778342
## 2867	chr2 157778132	+	G	200	chr2:157778130-157778342
## 2868	chr2 157778132	-	G	63	chr2:157778130-157778342
## 2869	chr2 157778133	+	C	198	chr2:157778130-157778342
## 2870	chr2 157778133	-	C	50	chr2:157778130-157778342
## 2871	chr2 157778134	+	T	191	chr2:157778130-157778342
## 2872	chr2 157778134	-	T	41	chr2:157778130-157778342
## 2873	chr2 157778135	+	A	181	chr2:157778130-157778342
## 2874	chr2 157778135	-	A	38	chr2:157778130-157778342
## 2875	chr2 157778136	+	A	177	chr2:157778130-157778342
## 2876	chr2 157778136	-	A	40	chr2:157778130-157778342
## 2877	chr2 157778137	+	A	164	chr2:157778130-157778342
## 2878	chr2 157778137	-	A	45	chr2:157778130-157778342
## 2879	chr2 157778138	+	G	154	chr2:157778130-157778342
## 2880	chr2 157778138	-	G	49	chr2:157778130-157778342
## 2881	chr2 157778139	+	T	139	chr2:157778130-157778342
## 2882	chr2 157778139	-	T	55	chr2:157778130-157778342
## 2883	chr2 157778140	+	G	126	chr2:157778130-157778342
## 2884	chr2 157778140	-	G	66	chr2:157778130-157778342
## 2885	chr2 157778141	+	C	121	chr2:157778130-157778342
## 2886	chr2 157778141	-	C	69	chr2:157778130-157778342
## 2887	chr2 157778142	+	T	129	chr2:157778130-157778342
## 2888	chr2 157778142	-	T	78	chr2:157778130-157778342
## 2889	chr2 157778143	+	G	129	chr2:157778130-157778342
## 2890	chr2 157778143	-	G	97	chr2:157778130-157778342
## 2891	chr2 157778144	+	T	132	chr2:157778130-157778342
## 2892	chr2 157778144	-	T	118	chr2:157778130-157778342
## 2893	chr2 157778145	+	C	132	chr2:157778130-157778342
## 2894	chr2 157778145	-	C	118	chr2:157778130-157778342
## 2895	chr2 157778146	+	T	132	chr2:157778130-157778342
## 2896	chr2 157778146	-	T	118	chr2:157778130-157778342
## 2897	chr2 157778147	+	C	131	chr2:157778130-157778342
## 2898	chr2 157778147	-	C	119	chr2:157778130-157778342
## 2899	chr2 157778148	+	C	131	chr2:157778130-157778342
## 2900	chr2 157778148	-	C	119	chr2:157778130-157778342

## 2901	chr2 157778149	+	A	131	chr2:157778130-157778342
## 2902	chr2 157778149	-	A	119	chr2:157778130-157778342
## 2903	chr2 157778150	+	A	131	chr2:157778130-157778342
## 2904	chr2 157778150	-	A	119	chr2:157778130-157778342
## 2905	chr2 157778151	+	C	131	chr2:157778130-157778342
## 2906	chr2 157778151	-	C	119	chr2:157778130-157778342
## 2907	chr2 157778152	+	A	131	chr2:157778130-157778342
## 2908	chr2 157778152	-	A	119	chr2:157778130-157778342
## 2909	chr2 157778153	+	T	131	chr2:157778130-157778342
## 2910	chr2 157778153	-	T	119	chr2:157778130-157778342
## 2911	chr2 157778154	+	T	131	chr2:157778130-157778342
## 2912	chr2 157778154	-	T	119	chr2:157778130-157778342
## 2913	chr2 157778155	+	G	130	chr2:157778130-157778342
## 2914	chr2 157778155	-	G	119	chr2:157778130-157778342
## 2915	chr2 157778156	+	A	1	chr2:157778130-157778342
## 2916	chr2 157778156	+	G	130	chr2:157778130-157778342
## 2917	chr2 157778156	-	G	116	chr2:157778130-157778342
## 2918	chr2 157778156	-	T	3	chr2:157778130-157778342
## 2919	chr2 157778157	+	T	131	chr2:157778130-157778342
## 2920	chr2 157778157	-	T	119	chr2:157778130-157778342
## 2921	chr2 157778158	+	G	131	chr2:157778130-157778342
## 2922	chr2 157778158	-	G	119	chr2:157778130-157778342
## 2923	chr2 157778159	+	G	131	chr2:157778130-157778342
## 2924	chr2 157778159	-	G	119	chr2:157778130-157778342
## 2925	chr2 157778160	+	T	131	chr2:157778130-157778342
## 2926	chr2 157778160	-	T	119	chr2:157778130-157778342
## 2927	chr2 157778161	+	G	131	chr2:157778130-157778342
## 2928	chr2 157778161	-	G	119	chr2:157778130-157778342
## 2929	chr2 157778162	+	A	131	chr2:157778130-157778342
## 2930	chr2 157778162	-	A	119	chr2:157778130-157778342
## 2931	chr2 157778163	+	T	131	chr2:157778130-157778342
## 2932	chr2 157778163	-	T	116	chr2:157778130-157778342
## 2933	chr2 157778164	+	G	134	chr2:157778130-157778342
## 2934	chr2 157778164	-	G	116	chr2:157778130-157778342
## 2935	chr2 157778165	+	A	134	chr2:157778130-157778342
## 2936	chr2 157778165	-	A	116	chr2:157778130-157778342
## 2937	chr2 157778166	+	G	134	chr2:157778130-157778342
## 2938	chr2 157778166	-	G	116	chr2:157778130-157778342
## 2939	chr2 157778167	+	C	135	chr2:157778130-157778342
## 2940	chr2 157778167	-	C	116	chr2:157778130-157778342
## 2941	chr2 157778168	+	C	135	chr2:157778130-157778342
## 2942	chr2 157778168	-	C	116	chr2:157778130-157778342
## 2943	chr2 157778169	+	C	135	chr2:157778130-157778342
## 2944	chr2 157778169	-	C	116	chr2:157778130-157778342
## 2945	chr2 157778170	-	C	1	chr2:157778130-157778342
## 2946	chr2 157778170	+	T	135	chr2:157778130-157778342
## 2947	chr2 157778170	-	T	115	chr2:157778130-157778342
## 2948	chr2 157778171	+	T	135	chr2:157778130-157778342
## 2949	chr2 157778171	-	T	116	chr2:157778130-157778342
## 2950	chr2 157778172	+	C	135	chr2:157778130-157778342
## 2951	chr2 157778172	-	C	116	chr2:157778130-157778342
## 2952	chr2 157778173	-	A	1	chr2:157778130-157778342
## 2953	chr2 157778173	+	G	135	chr2:157778130-157778342
## 2954	chr2 157778173	-	G	115	chr2:157778130-157778342

## 2955	chr2 157778174	+	A	135	chr2:157778130-157778342
## 2956	chr2 157778174	-	A	116	chr2:157778130-157778342
## 2957	chr2 157778175	+	T	135	chr2:157778130-157778342
## 2958	chr2 157778175	-	T	116	chr2:157778130-157778342
## 2959	chr2 157778176	+	A	135	chr2:157778130-157778342
## 2960	chr2 157778176	-	A	116	chr2:157778130-157778342
## 2961	chr2 157778177	+	G	135	chr2:157778130-157778342
## 2962	chr2 157778177	-	G	116	chr2:157778130-157778342
## 2963	chr2 157778178	+	A	1	chr2:157778130-157778342
## 2964	chr2 157778178	+	T	134	chr2:157778130-157778342
## 2965	chr2 157778178	-	T	116	chr2:157778130-157778342
## 2966	chr2 157778179	+	G	135	chr2:157778130-157778342
## 2967	chr2 157778179	-	G	116	chr2:157778130-157778342
## 2968	chr2 157778180	+	C	135	chr2:157778130-157778342
## 2969	chr2 157778180	-	C	116	chr2:157778130-157778342
## 2970	chr2 157778181	+	C	135	chr2:157778130-157778342
## 2971	chr2 157778181	-	C	115	chr2:157778130-157778342
## 2972	chr2 157778181	-	T	1	chr2:157778130-157778342
## 2973	chr2 157778182	+	A	135	chr2:157778130-157778342
## 2974	chr2 157778182	-	A	116	chr2:157778130-157778342
## 2975	chr2 157778183	+	T	135	chr2:157778130-157778342
## 2976	chr2 157778183	-	T	116	chr2:157778130-157778342
## 2977	chr2 157778184	+	A	135	chr2:157778130-157778342
## 2978	chr2 157778184	-	A	116	chr2:157778130-157778342
## 2979	chr2 157778185	+	C	135	chr2:157778130-157778342
## 2980	chr2 157778185	-	C	115	chr2:157778130-157778342
## 2981	chr2 157778186	+	T	135	chr2:157778130-157778342
## 2982	chr2 157778186	-	T	115	chr2:157778130-157778342
## 2983	chr2 157778187	+	C	135	chr2:157778130-157778342
## 2984	chr2 157778187	-	C	115	chr2:157778130-157778342
## 2985	chr2 157778188	+	A	1	chr2:157778130-157778342
## 2986	chr2 157778188	+	C	134	chr2:157778130-157778342
## 2987	chr2 157778188	-	C	115	chr2:157778130-157778342
## 2988	chr2 157778189	+	A	135	chr2:157778130-157778342
## 2989	chr2 157778189	-	A	115	chr2:157778130-157778342
## 2990	chr2 157778190	+	C	134	chr2:157778130-157778342
## 2991	chr2 157778190	-	C	115	chr2:157778130-157778342
## 2992	chr2 157778191	+	G	135	chr2:157778130-157778342
## 2993	chr2 157778191	-	G	115	chr2:157778130-157778342
## 2994	chr2 157778192	+	T	135	chr2:157778130-157778342
## 2995	chr2 157778192	-	T	115	chr2:157778130-157778342
## 2996	chr2 157778193	+	C	135	chr2:157778130-157778342
## 2997	chr2 157778193	-	C	115	chr2:157778130-157778342
## 2998	chr2 157778194	+	A	1	chr2:157778130-157778342
## 2999	chr2 157778194	+	T	134	chr2:157778130-157778342
## 3000	chr2 157778194	-	T	115	chr2:157778130-157778342
## 3001	chr2 157778195	+	C	134	chr2:157778130-157778342
## 3002	chr2 157778195	-	C	115	chr2:157778130-157778342
## 3003	chr2 157778196	+	G	135	chr2:157778130-157778342
## 3004	chr2 157778196	-	G	115	chr2:157778130-157778342
## 3005	chr2 157778197	+	G	135	chr2:157778130-157778342
## 3006	chr2 157778197	-	G	115	chr2:157778130-157778342
## 3007	chr2 157778198	+	G	134	chr2:157778130-157778342
## 3008	chr2 157778198	-	G	115	chr2:157778130-157778342

## 3009	chr2 157778199	+	A	1	chr2:157778130-157778342
## 3010	chr2 157778199	+	G	135	chr2:157778130-157778342
## 3011	chr2 157778199	-	G	115	chr2:157778130-157778342
## 3012	chr2 157778200	+	A	136	chr2:157778130-157778342
## 3013	chr2 157778200	-	A	115	chr2:157778130-157778342
## 3014	chr2 157778201	+	T	136	chr2:157778130-157778342
## 3015	chr2 157778201	-	T	115	chr2:157778130-157778342
## 3016	chr2 157778202	+	T	136	chr2:157778130-157778342
## 3017	chr2 157778202	-	T	115	chr2:157778130-157778342
## 3018	chr2 157778203	+	G	136	chr2:157778130-157778342
## 3019	chr2 157778203	-	G	115	chr2:157778130-157778342
## 3020	chr2 157778204	+	A	136	chr2:157778130-157778342
## 3021	chr2 157778204	-	A	115	chr2:157778130-157778342
## 3022	chr2 157778205	+	G	135	chr2:157778130-157778342
## 3023	chr2 157778205	-	G	115	chr2:157778130-157778342
## 3024	chr2 157778206	+	G	135	chr2:157778130-157778342
## 3025	chr2 157778206	-	G	115	chr2:157778130-157778342
## 3026	chr2 157778207	+	C	135	chr2:157778130-157778342
## 3027	chr2 157778207	-	C	115	chr2:157778130-157778342
## 3028	chr2 157778208	+	G	135	chr2:157778130-157778342
## 3029	chr2 157778208	-	G	115	chr2:157778130-157778342
## 3030	chr2 157778209	+	T	134	chr2:157778130-157778342
## 3031	chr2 157778209	-	T	115	chr2:157778130-157778342
## 3032	chr2 157778210	+	T	126	chr2:157778130-157778342
## 3033	chr2 157778210	-	T	104	chr2:157778130-157778342
## 3034	chr2 157778211	+	C	132	chr2:157778130-157778342
## 3035	chr2 157778211	-	C	102	chr2:157778130-157778342
## 3036	chr2 157778212	+	T	133	chr2:157778130-157778342
## 3037	chr2 157778212	-	T	105	chr2:157778130-157778342
## 3038	chr2 157778213	+	T	122	chr2:157778130-157778342
## 3039	chr2 157778213	-	T	106	chr2:157778130-157778342
## 3040	chr2 157778214	+	G	112	chr2:157778130-157778342
## 3041	chr2 157778214	-	G	106	chr2:157778130-157778342
## 3042	chr2 157778215	+	G	127	chr2:157778130-157778342
## 3043	chr2 157778215	-	G	102	chr2:157778130-157778342
## 3044	chr2 157778216	+	T	129	chr2:157778130-157778342
## 3045	chr2 157778216	-	T	106	chr2:157778130-157778342
## 3046	chr2 157778217	+	T	128	chr2:157778130-157778342
## 3047	chr2 157778217	-	T	105	chr2:157778130-157778342
## 3048	chr2 157778218	+	G	139	chr2:157778130-157778342
## 3049	chr2 157778218	-	G	93	chr2:157778130-157778342
## 3050	chr2 157778219	+	C	138	chr2:157778130-157778342
## 3051	chr2 157778219	-	C	73	chr2:157778130-157778342
## 3052	chr2 157778220	+	G	152	chr2:157778130-157778342
## 3053	chr2 157778220	-	G	93	chr2:157778130-157778342
## 3054	chr2 157778221	+	C	156	chr2:157778130-157778342
## 3055	chr2 157778221	-	C	93	chr2:157778130-157778342
## 3056	chr2 157778221	+	T	1	chr2:157778130-157778342
## 3057	chr2 157778222	+	C	158	chr2:157778130-157778342
## 3058	chr2 157778222	-	C	92	chr2:157778130-157778342
## 3059	chr2 157778223	+	T	158	chr2:157778130-157778342
## 3060	chr2 157778223	-	T	92	chr2:157778130-157778342
## 3061	chr2 157778224	+	T	158	chr2:157778130-157778342
## 3062	chr2 157778224	-	T	92	chr2:157778130-157778342

## 3063	chr2 157778225	+	T	158	chr2:157778130-157778342
## 3064	chr2 157778225	-	T	92	chr2:157778130-157778342
## 3065	chr2 157778226	+	C	1	chr2:157778130-157778342
## 3066	chr2 157778226	+	T	157	chr2:157778130-157778342
## 3067	chr2 157778226	-	T	92	chr2:157778130-157778342
## 3068	chr2 157778227	+	A	157	chr2:157778130-157778342
## 3069	chr2 157778227	-	A	92	chr2:157778130-157778342
## 3070	chr2 157778227	+	T	1	chr2:157778130-157778342
## 3071	chr2 157778228	+	A	158	chr2:157778130-157778342
## 3072	chr2 157778228	-	A	92	chr2:157778130-157778342
## 3073	chr2 157778229	+	A	157	chr2:157778130-157778342
## 3074	chr2 157778229	-	A	92	chr2:157778130-157778342
## 3075	chr2 157778230	+	T	159	chr2:157778130-157778342
## 3076	chr2 157778230	-	T	92	chr2:157778130-157778342
## 3077	chr2 157778231	+	T	158	chr2:157778130-157778342
## 3078	chr2 157778231	-	T	92	chr2:157778130-157778342
## 3079	chr2 157778232	+	T	158	chr2:157778130-157778342
## 3080	chr2 157778232	-	T	92	chr2:157778130-157778342
## 3081	chr2 157778233	+	T	158	chr2:157778130-157778342
## 3082	chr2 157778233	-	T	92	chr2:157778130-157778342
## 3083	chr2 157778234	+	A	2	chr2:157778130-157778342
## 3084	chr2 157778234	+	C	155	chr2:157778130-157778342
## 3085	chr2 157778234	-	C	92	chr2:157778130-157778342
## 3086	chr2 157778234	+	T	1	chr2:157778130-157778342
## 3087	chr2 157778235	+	A	1	chr2:157778130-157778342
## 3088	chr2 157778235	+	G	157	chr2:157778130-157778342
## 3089	chr2 157778235	-	G	92	chr2:157778130-157778342
## 3090	chr2 157778236	+	G	158	chr2:157778130-157778342
## 3091	chr2 157778236	-	G	92	chr2:157778130-157778342
## 3092	chr2 157778237	+	A	158	chr2:157778130-157778342
## 3093	chr2 157778237	-	A	92	chr2:157778130-157778342
## 3094	chr2 157778238	+	G	158	chr2:157778130-157778342
## 3095	chr2 157778238	-	G	92	chr2:157778130-157778342
## 3096	chr2 157778239	+	A	155	chr2:157778130-157778342
## 3097	chr2 157778239	-	A	92	chr2:157778130-157778342
## 3098	chr2 157778240	+	G	158	chr2:157778130-157778342
## 3099	chr2 157778240	-	G	92	chr2:157778130-157778342
## 3100	chr2 157778241	+	C	158	chr2:157778130-157778342
## 3101	chr2 157778241	-	C	91	chr2:157778130-157778342
## 3102	chr2 157778241	-	G	1	chr2:157778130-157778342
## 3103	chr2 157778242	+	A	158	chr2:157778130-157778342
## 3104	chr2 157778242	-	A	92	chr2:157778130-157778342
## 3105	chr2 157778243	+	A	158	chr2:157778130-157778342
## 3106	chr2 157778243	-	A	92	chr2:157778130-157778342
## 3107	chr2 157778244	+	A	1	chr2:157778130-157778342
## 3108	chr2 157778244	+	C	157	chr2:157778130-157778342
## 3109	chr2 157778244	-	C	92	chr2:157778130-157778342
## 3110	chr2 157778245	+	T	158	chr2:157778130-157778342
## 3111	chr2 157778245	-	T	92	chr2:157778130-157778342
## 3112	chr2 157778246	+	C	158	chr2:157778130-157778342
## 3113	chr2 157778246	-	C	92	chr2:157778130-157778342
## 3114	chr2 157778247	+	C	157	chr2:157778130-157778342
## 3115	chr2 157778247	-	C	93	chr2:157778130-157778342
## 3116	chr2 157778248	+	C	156	chr2:157778130-157778342

## 3117	chr2 157778248	-	C	94	chr2:157778130-157778342
## 3118	chr2 157778249	+	A	156	chr2:157778130-157778342
## 3119	chr2 157778249	-	A	94	chr2:157778130-157778342
## 3120	chr2 157778250	+	G	156	chr2:157778130-157778342
## 3121	chr2 157778250	-	G	94	chr2:157778130-157778342
## 3122	chr2 157778251	+	C	156	chr2:157778130-157778342
## 3123	chr2 157778251	-	C	94	chr2:157778130-157778342
## 3124	chr2 157778252	+	A	156	chr2:157778130-157778342
## 3125	chr2 157778252	-	A	93	chr2:157778130-157778342
## 3126	chr2 157778253	+	G	157	chr2:157778130-157778342
## 3127	chr2 157778253	-	G	93	chr2:157778130-157778342
## 3128	chr2 157778254	+	G	157	chr2:157778130-157778342
## 3129	chr2 157778254	-	G	93	chr2:157778130-157778342
## 3130	chr2 157778255	+	C	157	chr2:157778130-157778342
## 3131	chr2 157778255	-	C	93	chr2:157778130-157778342
## 3132	chr2 157778256	+	A	157	chr2:157778130-157778342
## 3133	chr2 157778256	-	A	93	chr2:157778130-157778342
## 3134	chr2 157778257	+	G	157	chr2:157778130-157778342
## 3135	chr2 157778257	-	G	93	chr2:157778130-157778342
## 3136	chr2 157778258	+	G	157	chr2:157778130-157778342
## 3137	chr2 157778258	-	G	93	chr2:157778130-157778342
## 3138	chr2 157778259	+	A	1	chr2:157778130-157778342
## 3139	chr2 157778259	+	C	155	chr2:157778130-157778342
## 3140	chr2 157778259	-	C	93	chr2:157778130-157778342
## 3141	chr2 157778260	+	G	1	chr2:157778130-157778342
## 3142	chr2 157778260	+	T	156	chr2:157778130-157778342
## 3143	chr2 157778260	-	T	93	chr2:157778130-157778342
## 3144	chr2 157778261	+	A	157	chr2:157778130-157778342
## 3145	chr2 157778261	-	A	93	chr2:157778130-157778342
## 3146	chr2 157778262	+	A	156	chr2:157778130-157778342
## 3147	chr2 157778262	-	A	93	chr2:157778130-157778342
## 3148	chr2 157778262	+	T	1	chr2:157778130-157778342
## 3149	chr2 157778263	+	A	156	chr2:157778130-157778342
## 3150	chr2 157778263	-	A	91	chr2:157778130-157778342
## 3151	chr2 157778263	+	C	1	chr2:157778130-157778342
## 3152	chr2 157778264	+	A	159	chr2:157778130-157778342
## 3153	chr2 157778264	-	A	91	chr2:157778130-157778342
## 3154	chr2 157778265	+	G	158	chr2:157778130-157778342
## 3155	chr2 157778265	-	G	91	chr2:157778130-157778342
## 3156	chr2 157778266	+	A	158	chr2:157778130-157778342
## 3157	chr2 157778266	-	A	90	chr2:157778130-157778342
## 3158	chr2 157778266	+	C	1	chr2:157778130-157778342
## 3159	chr2 157778267	+	C	160	chr2:157778130-157778342
## 3160	chr2 157778267	-	C	90	chr2:157778130-157778342
## 3161	chr2 157778268	+	A	160	chr2:157778130-157778342
## 3162	chr2 157778268	-	A	90	chr2:157778130-157778342
## 3163	chr2 157778269	+	T	160	chr2:157778130-157778342
## 3164	chr2 157778269	-	T	90	chr2:157778130-157778342
## 3165	chr2 157778270	+	A	160	chr2:157778130-157778342
## 3166	chr2 157778270	-	A	88	chr2:157778130-157778342
## 3167	chr2 157778270	-	G	2	chr2:157778130-157778342
## 3168	chr2 157778271	+	C	158	chr2:157778130-157778342
## 3169	chr2 157778271	-	C	90	chr2:157778130-157778342
## 3170	chr2 157778271	+	T	1	chr2:157778130-157778342

## 3171	chr2 157778272	+	T	160	chr2:157778130-157778342
## 3172	chr2 157778272	-	T	90	chr2:157778130-157778342
## 3173	chr2 157778273	+	G	160	chr2:157778130-157778342
## 3174	chr2 157778273	-	G	90	chr2:157778130-157778342
## 3175	chr2 157778274	+	C	159	chr2:157778130-157778342
## 3176	chr2 157778274	-	C	90	chr2:157778130-157778342
## 3177	chr2 157778275	+	G	160	chr2:157778130-157778342
## 3178	chr2 157778275	-	G	90	chr2:157778130-157778342
## 3179	chr2 157778276	+	A	160	chr2:157778130-157778342
## 3180	chr2 157778276	-	A	90	chr2:157778130-157778342
## 3181	chr2 157778277	+	A	160	chr2:157778130-157778342
## 3182	chr2 157778277	-	A	90	chr2:157778130-157778342
## 3183	chr2 157778278	+	C	160	chr2:157778130-157778342
## 3184	chr2 157778278	-	C	90	chr2:157778130-157778342
## 3185	chr2 157778279	+	A	160	chr2:157778130-157778342
## 3186	chr2 157778279	-	A	90	chr2:157778130-157778342
## 3187	chr2 157778280	+	C	160	chr2:157778130-157778342
## 3188	chr2 157778280	-	C	90	chr2:157778130-157778342
## 3189	chr2 157778281	+	T	159	chr2:157778130-157778342
## 3190	chr2 157778281	-	T	91	chr2:157778130-157778342
## 3191	chr2 157778282	+	A	159	chr2:157778130-157778342
## 3192	chr2 157778282	-	A	91	chr2:157778130-157778342
## 3193	chr2 157778283	+	C	159	chr2:157778130-157778342
## 3194	chr2 157778283	-	C	91	chr2:157778130-157778342
## 3195	chr2 157778284	+	A	159	chr2:157778130-157778342
## 3196	chr2 157778284	-	A	91	chr2:157778130-157778342
## 3197	chr2 157778285	+	G	158	chr2:157778130-157778342
## 3198	chr2 157778285	-	G	88	chr2:157778130-157778342
## 3199	chr2 157778286	+	A	154	chr2:157778130-157778342
## 3200	chr2 157778286	-	A	86	chr2:157778130-157778342
## 3201	chr2 157778287	+	G	161	chr2:157778130-157778342
## 3202	chr2 157778287	-	G	73	chr2:157778130-157778342
## 3203	chr2 157778288	+	A	168	chr2:157778130-157778342
## 3204	chr2 157778288	-	A	73	chr2:157778130-157778342
## 3205	chr2 157778289	+	G	169	chr2:157778130-157778342
## 3206	chr2 157778289	-	G	69	chr2:157778130-157778342
## 3207	chr2 157778290	+	A	153	chr2:157778130-157778342
## 3208	chr2 157778290	-	A	62	chr2:157778130-157778342
## 3209	chr2 157778291	+	A	145	chr2:157778130-157778342
## 3210	chr2 157778291	-	A	63	chr2:157778130-157778342
## 3211	chr2 157778292	+	T	137	chr2:157778130-157778342
## 3212	chr2 157778292	-	T	62	chr2:157778130-157778342
## 3213	chr2 157778293	+	A	137	chr2:157778130-157778342
## 3214	chr2 157778293	-	A	62	chr2:157778130-157778342
## 3215	chr2 157778294	+	A	151	chr2:157778130-157778342
## 3216	chr2 157778294	-	A	79	chr2:157778130-157778342
## 3217	chr2 157778294	-	T	1	chr2:157778130-157778342
## 3218	chr2 157778295	+	T	140	chr2:157778130-157778342
## 3219	chr2 157778295	-	T	66	chr2:157778130-157778342
## 3220	chr2 157778296	+	G	143	chr2:157778130-157778342
## 3221	chr2 157778296	-	G	76	chr2:157778130-157778342
## 3222	chr2 157778297	+	A	150	chr2:157778130-157778342
## 3223	chr2 157778297	-	A	99	chr2:157778130-157778342
## 3224	chr2 157778298	+	G	151	chr2:157778130-157778342

## 3225	chr2 157778298	-	G	99	chr2:157778130-157778342
## 3226	chr2 157778299	+	G	151	chr2:157778130-157778342
## 3227	chr2 157778299	-	G	99	chr2:157778130-157778342
## 3228	chr2 157778300	+	C	151	chr2:157778130-157778342
## 3229	chr2 157778300	-	C	99	chr2:157778130-157778342
## 3230	chr2 157778301	+	C	151	chr2:157778130-157778342
## 3231	chr2 157778301	-	C	99	chr2:157778130-157778342
## 3232	chr2 157778302	+	A	151	chr2:157778130-157778342
## 3233	chr2 157778302	-	A	99	chr2:157778130-157778342
## 3234	chr2 157778303	+	A	151	chr2:157778130-157778342
## 3235	chr2 157778303	-	A	99	chr2:157778130-157778342
## 3236	chr2 157778303	+	T	1	chr2:157778130-157778342
## 3237	chr2 157778304	+	C	152	chr2:157778130-157778342
## 3238	chr2 157778304	-	C	99	chr2:157778130-157778342
## 3239	chr2 157778305	+	C	150	chr2:157778130-157778342
## 3240	chr2 157778305	-	C	100	chr2:157778130-157778342
## 3241	chr2 157778306	+	T	150	chr2:157778130-157778342
## 3242	chr2 157778306	-	T	100	chr2:157778130-157778342
## 3243	chr2 157778307	+	C	149	chr2:157778130-157778342
## 3244	chr2 157778307	-	C	101	chr2:157778130-157778342
## 3245	chr2 157778308	+	C	149	chr2:157778130-157778342
## 3246	chr2 157778308	-	C	101	chr2:157778130-157778342
## 3247	chr2 157778309	+	A	149	chr2:157778130-157778342
## 3248	chr2 157778309	-	A	101	chr2:157778130-157778342
## 3249	chr2 157778310	+	A	149	chr2:157778130-157778342
## 3250	chr2 157778310	-	A	101	chr2:157778130-157778342
## 3251	chr2 157778311	+	G	149	chr2:157778130-157778342
## 3252	chr2 157778311	-	G	101	chr2:157778130-157778342
## 3253	chr2 157778312	+	T	149	chr2:157778130-157778342
## 3254	chr2 157778312	-	T	101	chr2:157778130-157778342
## 3255	chr2 157778313	+	G	149	chr2:157778130-157778342
## 3256	chr2 157778313	-	G	101	chr2:157778130-157778342
## 3257	chr2 157778314	+	G	148	chr2:157778130-157778342
## 3258	chr2 157778314	-	G	101	chr2:157778130-157778342
## 3259	chr2 157778315	+	A	146	chr2:157778130-157778342
## 3260	chr2 157778315	-	A	101	chr2:157778130-157778342
## 3261	chr2 157778316	+	A	149	chr2:157778130-157778342
## 3262	chr2 157778316	-	A	101	chr2:157778130-157778342
## 3263	chr2 157778317	+	A	149	chr2:157778130-157778342
## 3264	chr2 157778317	-	A	101	chr2:157778130-157778342
## 3265	chr2 157778318	+	T	149	chr2:157778130-157778342
## 3266	chr2 157778318	-	T	101	chr2:157778130-157778342
## 3267	chr2 157778319	+	T	149	chr2:157778130-157778342
## 3268	chr2 157778319	-	T	101	chr2:157778130-157778342
## 3269	chr2 157778320	+	C	149	chr2:157778130-157778342
## 3270	chr2 157778320	-	C	101	chr2:157778130-157778342
## 3271	chr2 157778321	+	T	146	chr2:157778130-157778342
## 3272	chr2 157778321	-	T	101	chr2:157778130-157778342
## 3273	chr2 157778322	+	G	150	chr2:157778130-157778342
## 3274	chr2 157778322	-	G	100	chr2:157778130-157778342
## 3275	chr2 157778323	+	T	151	chr2:157778130-157778342
## 3276	chr2 157778323	-	T	99	chr2:157778130-157778342
## 3277	chr2 157778324	+	G	150	chr2:157778130-157778342
## 3278	chr2 157778324	-	G	99	chr2:157778130-157778342

## 3279	chr2 157778325	+	T	151	chr2:157778130-157778342
## 3280	chr2 157778325	-	T	100	chr2:157778130-157778342
## 3281	chr2 157778326	+	T	150	chr2:157778130-157778342
## 3282	chr2 157778326	-	T	101	chr2:157778130-157778342
## 3283	chr2 157778327	+	A	1	chr2:157778130-157778342
## 3284	chr2 157778327	+	C	149	chr2:157778130-157778342
## 3285	chr2 157778327	-	C	101	chr2:157778130-157778342
## 3286	chr2 157778328	+	C	149	chr2:157778130-157778342
## 3287	chr2 157778328	-	C	101	chr2:157778130-157778342
## 3288	chr2 157778329	+	A	149	chr2:157778130-157778342
## 3289	chr2 157778329	-	A	101	chr2:157778130-157778342
## 3290	chr2 157778330	+	G	148	chr2:157778130-157778342
## 3291	chr2 157778330	-	G	102	chr2:157778130-157778342
## 3292	chr2 157778331	+	G	148	chr2:157778130-157778342
## 3293	chr2 157778331	-	G	102	chr2:157778130-157778342
## 3294	chr2 157778332	+	G	148	chr2:157778130-157778342
## 3295	chr2 157778332	-	G	102	chr2:157778130-157778342
## 3296	chr2 157778333	+	A	146	chr2:157778130-157778342
## 3297	chr2 157778333	-	A	103	chr2:157778130-157778342
## 3298	chr2 157778333	+	G	1	chr2:157778130-157778342
## 3299	chr2 157778334	+	A	146	chr2:157778130-157778342
## 3300	chr2 157778334	-	A	104	chr2:157778130-157778342
## 3301	chr2 157778335	+	G	145	chr2:157778130-157778342
## 3302	chr2 157778335	-	G	104	chr2:157778130-157778342
## 3303	chr2 157778336	+	G	144	chr2:157778130-157778342
## 3304	chr2 157778336	-	G	105	chr2:157778130-157778342
## 3305	chr2 157778337	+	A	145	chr2:157778130-157778342
## 3306	chr2 157778337	-	A	105	chr2:157778130-157778342
## 3307	chr2 157778338	+	T	145	chr2:157778130-157778342
## 3308	chr2 157778338	-	T	105	chr2:157778130-157778342
## 3309	chr2 157778339	+	T	143	chr2:157778130-157778342
## 3310	chr2 157778339	-	T	105	chr2:157778130-157778342
## 3311	chr2 157778340	+	T	142	chr2:157778130-157778342
## 3312	chr2 157778340	-	T	108	chr2:157778130-157778342
## 3313	chr2 157778341	+	T	140	chr2:157778130-157778342
## 3314	chr2 157778341	-	T	109	chr2:157778130-157778342
## 3315	chr2 157778342	+	C	138	chr2:157778130-157778342
## 3316	chr2 157778342	-	C	110	chr2:157778130-157778342
## 3317	chr2 157780336	+	A	1	chr2:157780336-157780600
## 3318	chr2 157780336	+	C	184	chr2:157780336-157780600
## 3319	chr2 157780336	-	C	129	chr2:157780336-157780600
## 3320	chr2 157780337	+	C	171	chr2:157780336-157780600
## 3321	chr2 157780337	-	C	113	chr2:157780336-157780600
## 3322	chr2 157780338	+	C	1	chr2:157780336-157780600
## 3323	chr2 157780338	+	T	166	chr2:157780336-157780600
## 3324	chr2 157780338	-	T	84	chr2:157780336-157780600
## 3325	chr2 157780339	+	T	158	chr2:157780336-157780600
## 3326	chr2 157780339	-	T	72	chr2:157780336-157780600
## 3327	chr2 157780340	+	T	160	chr2:157780336-157780600
## 3328	chr2 157780340	-	T	76	chr2:157780336-157780600
## 3329	chr2 157780341	+	A	157	chr2:157780336-157780600
## 3330	chr2 157780341	-	A	80	chr2:157780336-157780600
## 3331	chr2 157780342	+	G	159	chr2:157780336-157780600
## 3332	chr2 157780342	-	G	68	chr2:157780336-157780600

## 3333	chr2 157780343	+	T	178	chr2:157780336-157780600
## 3334	chr2 157780343	-	T	51	chr2:157780336-157780600
## 3335	chr2 157780344	+	G	178	chr2:157780336-157780600
## 3336	chr2 157780344	-	G	50	chr2:157780336-157780600
## 3337	chr2 157780344	+	T	2	chr2:157780336-157780600
## 3338	chr2 157780345	+	G	175	chr2:157780336-157780600
## 3339	chr2 157780345	-	G	55	chr2:157780336-157780600
## 3340	chr2 157780346	+	G	180	chr2:157780336-157780600
## 3341	chr2 157780346	-	G	53	chr2:157780336-157780600
## 3342	chr2 157780347	+	C	166	chr2:157780336-157780600
## 3343	chr2 157780347	-	C	53	chr2:157780336-157780600
## 3344	chr2 157780348	+	A	179	chr2:157780336-157780600
## 3345	chr2 157780348	-	A	60	chr2:157780336-157780600
## 3346	chr2 157780349	+	G	190	chr2:157780336-157780600
## 3347	chr2 157780349	-	G	60	chr2:157780336-157780600
## 3348	chr2 157780350	+	C	190	chr2:157780336-157780600
## 3349	chr2 157780350	-	C	60	chr2:157780336-157780600
## 3350	chr2 157780351	+	T	190	chr2:157780336-157780600
## 3351	chr2 157780351	-	T	60	chr2:157780336-157780600
## 3352	chr2 157780352	+	G	190	chr2:157780336-157780600
## 3353	chr2 157780352	-	G	60	chr2:157780336-157780600
## 3354	chr2 157780353	+	G	190	chr2:157780336-157780600
## 3355	chr2 157780353	-	G	60	chr2:157780336-157780600
## 3356	chr2 157780354	+	G	190	chr2:157780336-157780600
## 3357	chr2 157780354	-	G	60	chr2:157780336-157780600
## 3358	chr2 157780355	+	C	190	chr2:157780336-157780600
## 3359	chr2 157780355	-	C	60	chr2:157780336-157780600
## 3360	chr2 157780356	+	C	190	chr2:157780336-157780600
## 3361	chr2 157780356	-	C	60	chr2:157780336-157780600
## 3362	chr2 157780357	+	G	190	chr2:157780336-157780600
## 3363	chr2 157780357	-	G	60	chr2:157780336-157780600
## 3364	chr2 157780358	+	T	190	chr2:157780336-157780600
## 3365	chr2 157780358	-	T	60	chr2:157780336-157780600
## 3366	chr2 157780359	+	G	188	chr2:157780336-157780600
## 3367	chr2 157780359	-	G	59	chr2:157780336-157780600
## 3368	chr2 157780359	+	T	3	chr2:157780336-157780600
## 3369	chr2 157780360	+	A	190	chr2:157780336-157780600
## 3370	chr2 157780360	-	A	59	chr2:157780336-157780600
## 3371	chr2 157780360	+	T	1	chr2:157780336-157780600
## 3372	chr2 157780361	+	T	190	chr2:157780336-157780600
## 3373	chr2 157780361	-	T	59	chr2:157780336-157780600
## 3374	chr2 157780362	+	G	191	chr2:157780336-157780600
## 3375	chr2 157780362	-	G	59	chr2:157780336-157780600
## 3376	chr2 157780363	+	T	191	chr2:157780336-157780600
## 3377	chr2 157780363	-	T	59	chr2:157780336-157780600
## 3378	chr2 157780364	+	T	191	chr2:157780336-157780600
## 3379	chr2 157780364	-	T	59	chr2:157780336-157780600
## 3380	chr2 157780365	+	C	191	chr2:157780336-157780600
## 3381	chr2 157780365	-	C	59	chr2:157780336-157780600
## 3382	chr2 157780366	+	C	191	chr2:157780336-157780600
## 3383	chr2 157780366	-	C	59	chr2:157780336-157780600
## 3384	chr2 157780367	+	T	191	chr2:157780336-157780600
## 3385	chr2 157780367	-	T	59	chr2:157780336-157780600
## 3386	chr2 157780368	+	G	191	chr2:157780336-157780600

## 3387	chr2 157780368	-	G	59	chr2:157780336-157780600
## 3388	chr2 157780369	+	T	192	chr2:157780336-157780600
## 3389	chr2 157780369	-	T	58	chr2:157780336-157780600
## 3390	chr2 157780370	+	T	193	chr2:157780336-157780600
## 3391	chr2 157780370	-	T	58	chr2:157780336-157780600
## 3392	chr2 157780371	+	A	193	chr2:157780336-157780600
## 3393	chr2 157780371	-	A	58	chr2:157780336-157780600
## 3394	chr2 157780372	+	C	192	chr2:157780336-157780600
## 3395	chr2 157780372	-	C	58	chr2:157780336-157780600
## 3396	chr2 157780372	+	T	1	chr2:157780336-157780600
## 3397	chr2 157780373	+	A	193	chr2:157780336-157780600
## 3398	chr2 157780373	-	A	58	chr2:157780336-157780600
## 3399	chr2 157780374	+	C	193	chr2:157780336-157780600
## 3400	chr2 157780374	-	C	58	chr2:157780336-157780600
## 3401	chr2 157780375	+	C	192	chr2:157780336-157780600
## 3402	chr2 157780375	-	C	58	chr2:157780336-157780600
## 3403	chr2 157780375	+	T	1	chr2:157780336-157780600
## 3404	chr2 157780376	+	A	193	chr2:157780336-157780600
## 3405	chr2 157780376	-	A	58	chr2:157780336-157780600
## 3406	chr2 157780377	+	G	193	chr2:157780336-157780600
## 3407	chr2 157780377	-	G	58	chr2:157780336-157780600
## 3408	chr2 157780378	+	T	193	chr2:157780336-157780600
## 3409	chr2 157780378	-	T	58	chr2:157780336-157780600
## 3410	chr2 157780379	+	C	193	chr2:157780336-157780600
## 3411	chr2 157780379	-	C	58	chr2:157780336-157780600
## 3412	chr2 157780380	+	A	1	chr2:157780336-157780600
## 3413	chr2 157780380	+	C	192	chr2:157780336-157780600
## 3414	chr2 157780380	-	C	58	chr2:157780336-157780600
## 3415	chr2 157780381	+	C	193	chr2:157780336-157780600
## 3416	chr2 157780381	-	C	58	chr2:157780336-157780600
## 3417	chr2 157780382	+	C	193	chr2:157780336-157780600
## 3418	chr2 157780382	-	C	58	chr2:157780336-157780600
## 3419	chr2 157780383	+	T	193	chr2:157780336-157780600
## 3420	chr2 157780383	-	T	58	chr2:157780336-157780600
## 3421	chr2 157780384	+	T	193	chr2:157780336-157780600
## 3422	chr2 157780384	-	T	57	chr2:157780336-157780600
## 3423	chr2 157780385	+	G	192	chr2:157780336-157780600
## 3424	chr2 157780385	-	G	57	chr2:157780336-157780600
## 3425	chr2 157780386	+	G	193	chr2:157780336-157780600
## 3426	chr2 157780386	-	G	57	chr2:157780336-157780600
## 3427	chr2 157780387	+	C	193	chr2:157780336-157780600
## 3428	chr2 157780387	-	C	57	chr2:157780336-157780600
## 3429	chr2 157780388	+	A	193	chr2:157780336-157780600
## 3430	chr2 157780388	-	A	56	chr2:157780336-157780600
## 3431	chr2 157780388	-	C	1	chr2:157780336-157780600
## 3432	chr2 157780389	+	G	190	chr2:157780336-157780600
## 3433	chr2 157780389	-	G	57	chr2:157780336-157780600
## 3434	chr2 157780390	+	C	191	chr2:157780336-157780600
## 3435	chr2 157780390	-	C	57	chr2:157780336-157780600
## 3436	chr2 157780390	+	T	2	chr2:157780336-157780600
## 3437	chr2 157780391	+	A	193	chr2:157780336-157780600
## 3438	chr2 157780391	-	A	57	chr2:157780336-157780600
## 3439	chr2 157780392	+	C	193	chr2:157780336-157780600
## 3440	chr2 157780392	-	C	57	chr2:157780336-157780600

## 3441	chr2 157780393	+	T	193	chr2:157780336-157780600
## 3442	chr2 157780393	-	T	57	chr2:157780336-157780600
## 3443	chr2 157780394	+	C	193	chr2:157780336-157780600
## 3444	chr2 157780394	-	C	57	chr2:157780336-157780600
## 3445	chr2 157780395	+	C	192	chr2:157780336-157780600
## 3446	chr2 157780395	-	C	57	chr2:157780336-157780600
## 3447	chr2 157780395	+	T	1	chr2:157780336-157780600
## 3448	chr2 157780396	+	A	193	chr2:157780336-157780600
## 3449	chr2 157780396	-	A	57	chr2:157780336-157780600
## 3450	chr2 157780397	+	C	192	chr2:157780336-157780600
## 3451	chr2 157780397	-	C	57	chr2:157780336-157780600
## 3452	chr2 157780397	+	T	1	chr2:157780336-157780600
## 3453	chr2 157780398	+	G	193	chr2:157780336-157780600
## 3454	chr2 157780398	-	G	57	chr2:157780336-157780600
## 3455	chr2 157780399	+	C	2	chr2:157780336-157780600
## 3456	chr2 157780399	+	G	189	chr2:157780336-157780600
## 3457	chr2 157780399	-	G	57	chr2:157780336-157780600
## 3458	chr2 157780400	+	C	193	chr2:157780336-157780600
## 3459	chr2 157780400	-	C	57	chr2:157780336-157780600
## 3460	chr2 157780401	+	T	193	chr2:157780336-157780600
## 3461	chr2 157780401	-	T	57	chr2:157780336-157780600
## 3462	chr2 157780402	+	T	193	chr2:157780336-157780600
## 3463	chr2 157780402	-	T	57	chr2:157780336-157780600
## 3464	chr2 157780403	+	G	193	chr2:157780336-157780600
## 3465	chr2 157780403	-	G	57	chr2:157780336-157780600
## 3466	chr2 157780404	+	G	190	chr2:157780336-157780600
## 3467	chr2 157780404	-	G	57	chr2:157780336-157780600
## 3468	chr2 157780404	+	T	3	chr2:157780336-157780600
## 3469	chr2 157780405	+	C	193	chr2:157780336-157780600
## 3470	chr2 157780405	-	C	57	chr2:157780336-157780600
## 3471	chr2 157780406	+	C	193	chr2:157780336-157780600
## 3472	chr2 157780406	-	C	57	chr2:157780336-157780600
## 3473	chr2 157780407	+	A	193	chr2:157780336-157780600
## 3474	chr2 157780407	-	A	57	chr2:157780336-157780600
## 3475	chr2 157780408	+	G	192	chr2:157780336-157780600
## 3476	chr2 157780408	-	G	57	chr2:157780336-157780600
## 3477	chr2 157780408	+	T	1	chr2:157780336-157780600
## 3478	chr2 157780409	+	G	193	chr2:157780336-157780600
## 3479	chr2 157780409	-	G	57	chr2:157780336-157780600
## 3480	chr2 157780410	+	G	193	chr2:157780336-157780600
## 3481	chr2 157780410	-	G	57	chr2:157780336-157780600
## 3482	chr2 157780411	+	A	1	chr2:157780336-157780600
## 3483	chr2 157780411	+	G	192	chr2:157780336-157780600
## 3484	chr2 157780411	-	G	57	chr2:157780336-157780600
## 3485	chr2 157780412	+	A	191	chr2:157780336-157780600
## 3486	chr2 157780412	-	A	57	chr2:157780336-157780600
## 3487	chr2 157780412	+	C	1	chr2:157780336-157780600
## 3488	chr2 157780413	+	C	192	chr2:157780336-157780600
## 3489	chr2 157780413	-	C	57	chr2:157780336-157780600
## 3490	chr2 157780414	+	G	192	chr2:157780336-157780600
## 3491	chr2 157780414	-	G	57	chr2:157780336-157780600
## 3492	chr2 157780414	+	T	1	chr2:157780336-157780600
## 3493	chr2 157780415	+	G	185	chr2:157780336-157780600
## 3494	chr2 157780415	-	G	49	chr2:157780336-157780600

## 3495	chr2 157780416	+	C	184	chr2:157780336-157780600
## 3496	chr2 157780416	-	C	50	chr2:157780336-157780600
## 3497	chr2 157780416	+	T	2	chr2:157780336-157780600
## 3498	chr2 157780417	+	G	186	chr2:157780336-157780600
## 3499	chr2 157780417	-	G	50	chr2:157780336-157780600
## 3500	chr2 157780418	+	G	184	chr2:157780336-157780600
## 3501	chr2 157780418	-	G	46	chr2:157780336-157780600
## 3502	chr2 157780419	+	G	191	chr2:157780336-157780600
## 3503	chr2 157780419	-	G	37	chr2:157780336-157780600
## 3504	chr2 157780419	+	T	1	chr2:157780336-157780600
## 3505	chr2 157780420	+	G	198	chr2:157780336-157780600
## 3506	chr2 157780420	-	G	32	chr2:157780336-157780600
## 3507	chr2 157780421	+	A	1	chr2:157780336-157780600
## 3508	chr2 157780421	+	T	193	chr2:157780336-157780600
## 3509	chr2 157780421	-	T	39	chr2:157780336-157780600
## 3510	chr2 157780422	+	C	198	chr2:157780336-157780600
## 3511	chr2 157780422	-	C	39	chr2:157780336-157780600
## 3512	chr2 157780423	+	T	187	chr2:157780336-157780600
## 3513	chr2 157780423	-	T	41	chr2:157780336-157780600
## 3514	chr2 157780424	+	T	187	chr2:157780336-157780600
## 3515	chr2 157780424	-	T	52	chr2:157780336-157780600
## 3516	chr2 157780425	+	A	198	chr2:157780336-157780600
## 3517	chr2 157780425	-	A	52	chr2:157780336-157780600
## 3518	chr2 157780426	+	C	198	chr2:157780336-157780600
## 3519	chr2 157780426	-	C	52	chr2:157780336-157780600
## 3520	chr2 157780427	+	A	198	chr2:157780336-157780600
## 3521	chr2 157780427	-	A	51	chr2:157780336-157780600
## 3522	chr2 157780427	-	T	1	chr2:157780336-157780600
## 3523	chr2 157780428	+	G	198	chr2:157780336-157780600
## 3524	chr2 157780428	-	G	52	chr2:157780336-157780600
## 3525	chr2 157780429	+	C	1	chr2:157780336-157780600
## 3526	chr2 157780429	+	G	198	chr2:157780336-157780600
## 3527	chr2 157780429	-	G	52	chr2:157780336-157780600
## 3528	chr2 157780430	+	T	199	chr2:157780336-157780600
## 3529	chr2 157780430	-	T	52	chr2:157780336-157780600
## 3530	chr2 157780431	+	C	199	chr2:157780336-157780600
## 3531	chr2 157780431	-	C	52	chr2:157780336-157780600
## 3532	chr2 157780432	+	A	199	chr2:157780336-157780600
## 3533	chr2 157780432	-	A	52	chr2:157780336-157780600
## 3534	chr2 157780433	+	T	199	chr2:157780336-157780600
## 3535	chr2 157780433	-	T	52	chr2:157780336-157780600
## 3536	chr2 157780434	+	C	199	chr2:157780336-157780600
## 3537	chr2 157780434	-	C	52	chr2:157780336-157780600
## 3538	chr2 157780435	+	T	199	chr2:157780336-157780600
## 3539	chr2 157780435	-	T	52	chr2:157780336-157780600
## 3540	chr2 157780436	+	T	199	chr2:157780336-157780600
## 3541	chr2 157780436	-	T	52	chr2:157780336-157780600
## 3542	chr2 157780437	+	T	198	chr2:157780336-157780600
## 3543	chr2 157780437	-	T	52	chr2:157780336-157780600
## 3544	chr2 157780438	+	A	1	chr2:157780336-157780600
## 3545	chr2 157780438	+	C	197	chr2:157780336-157780600
## 3546	chr2 157780438	-	C	52	chr2:157780336-157780600
## 3547	chr2 157780439	+	C	198	chr2:157780336-157780600
## 3548	chr2 157780439	-	C	52	chr2:157780336-157780600

## 3549	chr2 157780440	+	C	198	chr2:157780336-157780600
## 3550	chr2 157780440	-	C	52	chr2:157780336-157780600
## 3551	chr2 157780441	+	T	198	chr2:157780336-157780600
## 3552	chr2 157780441	-	T	52	chr2:157780336-157780600
## 3553	chr2 157780442	+	G	197	chr2:157780336-157780600
## 3554	chr2 157780442	-	G	52	chr2:157780336-157780600
## 3555	chr2 157780443	+	C	198	chr2:157780336-157780600
## 3556	chr2 157780443	-	C	52	chr2:157780336-157780600
## 3557	chr2 157780444	+	T	198	chr2:157780336-157780600
## 3558	chr2 157780444	-	T	52	chr2:157780336-157780600
## 3559	chr2 157780445	+	C	198	chr2:157780336-157780600
## 3560	chr2 157780445	-	C	52	chr2:157780336-157780600
## 3561	chr2 157780446	+	A	198	chr2:157780336-157780600
## 3562	chr2 157780446	-	A	52	chr2:157780336-157780600
## 3563	chr2 157780447	+	T	198	chr2:157780336-157780600
## 3564	chr2 157780447	-	T	52	chr2:157780336-157780600
## 3565	chr2 157780448	+	A	198	chr2:157780336-157780600
## 3566	chr2 157780448	-	A	52	chr2:157780336-157780600
## 3567	chr2 157780449	+	A	198	chr2:157780336-157780600
## 3568	chr2 157780449	-	A	51	chr2:157780336-157780600
## 3569	chr2 157780449	-	T	1	chr2:157780336-157780600
## 3570	chr2 157780450	+	A	198	chr2:157780336-157780600
## 3571	chr2 157780450	-	A	52	chr2:157780336-157780600
## 3572	chr2 157780451	+	C	198	chr2:157780336-157780600
## 3573	chr2 157780451	-	C	52	chr2:157780336-157780600
## 3574	chr2 157780452	+	C	198	chr2:157780336-157780600
## 3575	chr2 157780452	-	C	52	chr2:157780336-157780600
## 3576	chr2 157780453	+	T	198	chr2:157780336-157780600
## 3577	chr2 157780453	-	T	52	chr2:157780336-157780600
## 3578	chr2 157780454	+	C	1	chr2:157780336-157780600
## 3579	chr2 157780454	+	G	195	chr2:157780336-157780600
## 3580	chr2 157780454	-	G	52	chr2:157780336-157780600
## 3581	chr2 157780454	+	T	1	chr2:157780336-157780600
## 3582	chr2 157780455	+	G	199	chr2:157780336-157780600
## 3583	chr2 157780455	-	G	52	chr2:157780336-157780600
## 3584	chr2 157780456	+	A	199	chr2:157780336-157780600
## 3585	chr2 157780456	-	A	52	chr2:157780336-157780600
## 3586	chr2 157780457	+	A	199	chr2:157780336-157780600
## 3587	chr2 157780457	-	A	52	chr2:157780336-157780600
## 3588	chr2 157780458	+	G	199	chr2:157780336-157780600
## 3589	chr2 157780458	-	G	52	chr2:157780336-157780600
## 3590	chr2 157780459	+	C	199	chr2:157780336-157780600
## 3591	chr2 157780459	-	C	52	chr2:157780336-157780600
## 3592	chr2 157780460	+	A	199	chr2:157780336-157780600
## 3593	chr2 157780460	-	A	52	chr2:157780336-157780600
## 3594	chr2 157780461	+	G	196	chr2:157780336-157780600
## 3595	chr2 157780461	-	G	52	chr2:157780336-157780600
## 3596	chr2 157780462	+	C	198	chr2:157780336-157780600
## 3597	chr2 157780462	-	C	52	chr2:157780336-157780600
## 3598	chr2 157780463	+	C	198	chr2:157780336-157780600
## 3599	chr2 157780463	-	C	52	chr2:157780336-157780600
## 3600	chr2 157780464	+	T	198	chr2:157780336-157780600
## 3601	chr2 157780464	-	T	52	chr2:157780336-157780600
## 3602	chr2 157780465	+	A	1	chr2:157780336-157780600

## 3603	chr2 157780465	+	T	193	chr2:157780336-157780600
## 3604	chr2 157780465	-	T	53	chr2:157780336-157780600
## 3605	chr2 157780466	+	T	197	chr2:157780336-157780600
## 3606	chr2 157780466	-	T	53	chr2:157780336-157780600
## 3607	chr2 157780467	+	C	196	chr2:157780336-157780600
## 3608	chr2 157780467	-	C	53	chr2:157780336-157780600
## 3609	chr2 157780467	+	T	1	chr2:157780336-157780600
## 3610	chr2 157780468	+	T	197	chr2:157780336-157780600
## 3611	chr2 157780468	-	T	53	chr2:157780336-157780600
## 3612	chr2 157780469	+	G	196	chr2:157780336-157780600
## 3613	chr2 157780469	-	G	53	chr2:157780336-157780600
## 3614	chr2 157780470	+	G	198	chr2:157780336-157780600
## 3615	chr2 157780470	-	G	52	chr2:157780336-157780600
## 3616	chr2 157780470	-	T	1	chr2:157780336-157780600
## 3617	chr2 157780471	+	T	197	chr2:157780336-157780600
## 3618	chr2 157780471	-	T	54	chr2:157780336-157780600
## 3619	chr2 157780472	+	A	197	chr2:157780336-157780600
## 3620	chr2 157780472	-	A	54	chr2:157780336-157780600
## 3621	chr2 157780473	+	G	197	chr2:157780336-157780600
## 3622	chr2 157780473	-	G	54	chr2:157780336-157780600
## 3623	chr2 157780474	+	A	196	chr2:157780336-157780600
## 3624	chr2 157780474	-	A	54	chr2:157780336-157780600
## 3625	chr2 157780475	+	C	195	chr2:157780336-157780600
## 3626	chr2 157780475	-	C	53	chr2:157780336-157780600
## 3627	chr2 157780476	+	G	196	chr2:157780336-157780600
## 3628	chr2 157780476	-	G	53	chr2:157780336-157780600
## 3629	chr2 157780476	+	T	1	chr2:157780336-157780600
## 3630	chr2 157780477	+	T	197	chr2:157780336-157780600
## 3631	chr2 157780477	-	T	53	chr2:157780336-157780600
## 3632	chr2 157780478	+	G	198	chr2:157780336-157780600
## 3633	chr2 157780478	-	G	53	chr2:157780336-157780600
## 3634	chr2 157780479	+	G	198	chr2:157780336-157780600
## 3635	chr2 157780479	-	G	52	chr2:157780336-157780600
## 3636	chr2 157780480	+	A	198	chr2:157780336-157780600
## 3637	chr2 157780480	-	A	52	chr2:157780336-157780600
## 3638	chr2 157780481	+	A	198	chr2:157780336-157780600
## 3639	chr2 157780481	-	A	52	chr2:157780336-157780600
## 3640	chr2 157780482	+	G	198	chr2:157780336-157780600
## 3641	chr2 157780482	-	G	51	chr2:157780336-157780600
## 3642	chr2 157780483	+	C	199	chr2:157780336-157780600
## 3643	chr2 157780483	-	C	51	chr2:157780336-157780600
## 3644	chr2 157780484	+	C	198	chr2:157780336-157780600
## 3645	chr2 157780484	-	C	51	chr2:157780336-157780600
## 3646	chr2 157780484	+	G	1	chr2:157780336-157780600
## 3647	chr2 157780485	+	A	199	chr2:157780336-157780600
## 3648	chr2 157780485	-	A	51	chr2:157780336-157780600
## 3649	chr2 157780486	+	T	199	chr2:157780336-157780600
## 3650	chr2 157780486	-	T	51	chr2:157780336-157780600
## 3651	chr2 157780487	+	C	199	chr2:157780336-157780600
## 3652	chr2 157780487	-	C	51	chr2:157780336-157780600
## 3653	chr2 157780488	+	G	198	chr2:157780336-157780600
## 3654	chr2 157780488	-	G	51	chr2:157780336-157780600
## 3655	chr2 157780489	+	A	1	chr2:157780336-157780600
## 3656	chr2 157780489	+	T	196	chr2:157780336-157780600

## 3657	chr2 157780489	-	T	49	chr2:157780336-157780600
## 3658	chr2 157780490	+	T	198	chr2:157780336-157780600
## 3659	chr2 157780490	-	T	51	chr2:157780336-157780600
## 3660	chr2 157780491	+	G	188	chr2:157780336-157780600
## 3661	chr2 157780491	-	G	50	chr2:157780336-157780600
## 3662	chr2 157780492	+	A	175	chr2:157780336-157780600
## 3663	chr2 157780492	-	A	53	chr2:157780336-157780600
## 3664	chr2 157780493	+	T	163	chr2:157780336-157780600
## 3665	chr2 157780493	-	T	60	chr2:157780336-157780600
## 3666	chr2 157780494	+	G	151	chr2:157780336-157780600
## 3667	chr2 157780494	-	G	69	chr2:157780336-157780600
## 3668	chr2 157780495	+	C	140	chr2:157780336-157780600
## 3669	chr2 157780495	-	C	88	chr2:157780336-157780600
## 3670	chr2 157780496	+	T	134	chr2:157780336-157780600
## 3671	chr2 157780496	-	T	78	chr2:157780336-157780600
## 3672	chr2 157780497	+	C	126	chr2:157780336-157780600
## 3673	chr2 157780497	-	C	83	chr2:157780336-157780600
## 3674	chr2 157780498	+	A	126	chr2:157780336-157780600
## 3675	chr2 157780498	-	A	78	chr2:157780336-157780600
## 3676	chr2 157780499	+	G	115	chr2:157780336-157780600
## 3677	chr2 157780499	-	G	83	chr2:157780336-157780600
## 3678	chr2 157780500	+	T	106	chr2:157780336-157780600
## 3679	chr2 157780500	-	T	104	chr2:157780336-157780600
## 3680	chr2 157780501	+	G	105	chr2:157780336-157780600
## 3681	chr2 157780501	-	G	134	chr2:157780336-157780600
## 3682	chr2 157780502	+	A	114	chr2:157780336-157780600
## 3683	chr2 157780502	-	A	137	chr2:157780336-157780600
## 3684	chr2 157780503	+	G	114	chr2:157780336-157780600
## 3685	chr2 157780503	-	G	137	chr2:157780336-157780600
## 3686	chr2 157780504	+	G	113	chr2:157780336-157780600
## 3687	chr2 157780504	-	G	138	chr2:157780336-157780600
## 3688	chr2 157780505	+	A	112	chr2:157780336-157780600
## 3689	chr2 157780505	-	A	139	chr2:157780336-157780600
## 3690	chr2 157780506	+	A	112	chr2:157780336-157780600
## 3691	chr2 157780506	-	A	139	chr2:157780336-157780600
## 3692	chr2 157780507	+	A	111	chr2:157780336-157780600
## 3693	chr2 157780507	-	A	139	chr2:157780336-157780600
## 3694	chr2 157780508	+	A	111	chr2:157780336-157780600
## 3695	chr2 157780508	-	A	139	chr2:157780336-157780600
## 3696	chr2 157780509	+	G	112	chr2:157780336-157780600
## 3697	chr2 157780509	-	G	139	chr2:157780336-157780600
## 3698	chr2 157780510	+	C	111	chr2:157780336-157780600
## 3699	chr2 157780510	-	C	140	chr2:157780336-157780600
## 3700	chr2 157780511	+	A	111	chr2:157780336-157780600
## 3701	chr2 157780511	-	A	140	chr2:157780336-157780600
## 3702	chr2 157780512	+	C	111	chr2:157780336-157780600
## 3703	chr2 157780512	-	C	140	chr2:157780336-157780600
## 3704	chr2 157780513	+	A	1	chr2:157780336-157780600
## 3705	chr2 157780513	+	T	110	chr2:157780336-157780600
## 3706	chr2 157780513	-	T	140	chr2:157780336-157780600
## 3707	chr2 157780514	+	G	109	chr2:157780336-157780600
## 3708	chr2 157780514	-	G	141	chr2:157780336-157780600
## 3709	chr2 157780515	+	C	107	chr2:157780336-157780600
## 3710	chr2 157780515	-	C	142	chr2:157780336-157780600

## 3711	chr2 157780516	+	T	108	chr2:157780336-157780600
## 3712	chr2 157780516	-	T	142	chr2:157780336-157780600
## 3713	chr2 157780517	+	G	107	chr2:157780336-157780600
## 3714	chr2 157780517	-	G	142	chr2:157780336-157780600
## 3715	chr2 157780518	+	G	106	chr2:157780336-157780600
## 3716	chr2 157780518	-	G	143	chr2:157780336-157780600
## 3717	chr2 157780519	+	C	105	chr2:157780336-157780600
## 3718	chr2 157780519	-	C	145	chr2:157780336-157780600
## 3719	chr2 157780520	+	C	105	chr2:157780336-157780600
## 3720	chr2 157780520	-	C	145	chr2:157780336-157780600
## 3721	chr2 157780521	+	T	104	chr2:157780336-157780600
## 3722	chr2 157780521	-	T	145	chr2:157780336-157780600
## 3723	chr2 157780522	+	T	106	chr2:157780336-157780600
## 3724	chr2 157780522	-	T	145	chr2:157780336-157780600
## 3725	chr2 157780523	+	C	105	chr2:157780336-157780600
## 3726	chr2 157780523	-	C	145	chr2:157780336-157780600
## 3727	chr2 157780524	+	A	105	chr2:157780336-157780600
## 3728	chr2 157780524	-	A	145	chr2:157780336-157780600
## 3729	chr2 157780525	+	C	105	chr2:157780336-157780600
## 3730	chr2 157780525	-	C	143	chr2:157780336-157780600
## 3731	chr2 157780526	+	A	104	chr2:157780336-157780600
## 3732	chr2 157780526	-	A	146	chr2:157780336-157780600
## 3733	chr2 157780527	+	G	105	chr2:157780336-157780600
## 3734	chr2 157780527	-	G	146	chr2:157780336-157780600
## 3735	chr2 157780528	+	T	105	chr2:157780336-157780600
## 3736	chr2 157780528	-	T	146	chr2:157780336-157780600
## 3737	chr2 157780529	+	G	104	chr2:157780336-157780600
## 3738	chr2 157780529	-	G	146	chr2:157780336-157780600
## 3739	chr2 157780530	+	G	105	chr2:157780336-157780600
## 3740	chr2 157780530	-	G	146	chr2:157780336-157780600
## 3741	chr2 157780531	+	T	105	chr2:157780336-157780600
## 3742	chr2 157780531	-	T	146	chr2:157780336-157780600
## 3743	chr2 157780532	+	C	105	chr2:157780336-157780600
## 3744	chr2 157780532	-	C	145	chr2:157780336-157780600
## 3745	chr2 157780533	+	C	104	chr2:157780336-157780600
## 3746	chr2 157780533	-	C	144	chr2:157780336-157780600
## 3747	chr2 157780533	+	G	1	chr2:157780336-157780600
## 3748	chr2 157780534	+	T	106	chr2:157780336-157780600
## 3749	chr2 157780534	-	T	144	chr2:157780336-157780600
## 3750	chr2 157780535	+	C	106	chr2:157780336-157780600
## 3751	chr2 157780535	-	C	144	chr2:157780336-157780600
## 3752	chr2 157780536	+	A	106	chr2:157780336-157780600
## 3753	chr2 157780536	-	A	144	chr2:157780336-157780600
## 3754	chr2 157780537	+	T	104	chr2:157780336-157780600
## 3755	chr2 157780537	-	T	144	chr2:157780336-157780600
## 3756	chr2 157780538	+	T	105	chr2:157780336-157780600
## 3757	chr2 157780538	-	T	144	chr2:157780336-157780600
## 3758	chr2 157780539	+	A	107	chr2:157780336-157780600
## 3759	chr2 157780539	-	A	144	chr2:157780336-157780600
## 3760	chr2 157780540	+	C	108	chr2:157780336-157780600
## 3761	chr2 157780540	-	C	143	chr2:157780336-157780600
## 3762	chr2 157780541	+	C	104	chr2:157780336-157780600
## 3763	chr2 157780541	-	C	143	chr2:157780336-157780600
## 3764	chr2 157780542	-	A	1	chr2:157780336-157780600

## 3765	chr2 157780542	+	G 107	chr2:157780336-157780600
## 3766	chr2 157780542	-	G 142	chr2:157780336-157780600
## 3767	chr2 157780543	+	C 107	chr2:157780336-157780600
## 3768	chr2 157780543	-	C 143	chr2:157780336-157780600
## 3769	chr2 157780544	+	A 107	chr2:157780336-157780600
## 3770	chr2 157780544	-	A 143	chr2:157780336-157780600
## 3771	chr2 157780545	+	G 104	chr2:157780336-157780600
## 3772	chr2 157780545	-	G 143	chr2:157780336-157780600
## 3773	chr2 157780546	+	G 106	chr2:157780336-157780600
## 3774	chr2 157780546	-	G 144	chr2:157780336-157780600
## 3775	chr2 157780547	+	A 107	chr2:157780336-157780600
## 3776	chr2 157780547	-	A 144	chr2:157780336-157780600
## 3777	chr2 157780548	+	G 105	chr2:157780336-157780600
## 3778	chr2 157780548	-	G 144	chr2:157780336-157780600
## 3779	chr2 157780549	+	A 106	chr2:157780336-157780600
## 3780	chr2 157780549	-	A 144	chr2:157780336-157780600
## 3781	chr2 157780550	+	G 106	chr2:157780336-157780600
## 3782	chr2 157780550	-	G 144	chr2:157780336-157780600
## 3783	chr2 157780551	+	A 105	chr2:157780336-157780600
## 3784	chr2 157780551	-	A 144	chr2:157780336-157780600
## 3785	chr2 157780552	+	C 106	chr2:157780336-157780600
## 3786	chr2 157780552	-	C 144	chr2:157780336-157780600
## 3787	chr2 157780553	+	C 104	chr2:157780336-157780600
## 3788	chr2 157780553	-	C 145	chr2:157780336-157780600
## 3789	chr2 157780554	+	T 104	chr2:157780336-157780600
## 3790	chr2 157780554	-	T 145	chr2:157780336-157780600
## 3791	chr2 157780555	+	C 1	chr2:157780336-157780600
## 3792	chr2 157780555	+	T 102	chr2:157780336-157780600
## 3793	chr2 157780555	-	T 145	chr2:157780336-157780600
## 3794	chr2 157780556	+	C 101	chr2:157780336-157780600
## 3795	chr2 157780556	-	C 148	chr2:157780336-157780600
## 3796	chr2 157780556	+	T 1	chr2:157780336-157780600
## 3797	chr2 157780557	+	A 103	chr2:157780336-157780600
## 3798	chr2 157780557	-	A 148	chr2:157780336-157780600
## 3799	chr2 157780558	+	C 102	chr2:157780336-157780600
## 3800	chr2 157780558	-	C 149	chr2:157780336-157780600
## 3801	chr2 157780559	+	A 102	chr2:157780336-157780600
## 3802	chr2 157780559	-	A 149	chr2:157780336-157780600
## 3803	chr2 157780560	+	C 102	chr2:157780336-157780600
## 3804	chr2 157780560	-	C 149	chr2:157780336-157780600
## 3805	chr2 157780561	+	A 101	chr2:157780336-157780600
## 3806	chr2 157780561	-	A 149	chr2:157780336-157780600
## 3807	chr2 157780562	-	A 2	chr2:157780336-157780600
## 3808	chr2 157780562	+	C 100	chr2:157780336-157780600
## 3809	chr2 157780562	-	C 147	chr2:157780336-157780600
## 3810	chr2 157780563	+	A 99	chr2:157780336-157780600
## 3811	chr2 157780563	-	A 151	chr2:157780336-157780600
## 3812	chr2 157780564	+	C 98	chr2:157780336-157780600
## 3813	chr2 157780564	-	C 151	chr2:157780336-157780600
## 3814	chr2 157780565	+	A 96	chr2:157780336-157780600
## 3815	chr2 157780565	-	A 148	chr2:157780336-157780600
## 3816	chr2 157780566	+	C 94	chr2:157780336-157780600
## 3817	chr2 157780566	-	C 146	chr2:157780336-157780600
## 3818	chr2 157780566	-	T 1	chr2:157780336-157780600

## 3819	chr2 157780567	+	A	94	chr2:157780336-157780600
## 3820	chr2 157780567	-	A	147	chr2:157780336-157780600
## 3821	chr2 157780568	+	T	88	chr2:157780336-157780600
## 3822	chr2 157780568	-	T	140	chr2:157780336-157780600
## 3823	chr2 157780569	+	G	82	chr2:157780336-157780600
## 3824	chr2 157780569	-	G	130	chr2:157780336-157780600
## 3825	chr2 157780570	+	T	84	chr2:157780336-157780600
## 3826	chr2 157780570	-	T	107	chr2:157780336-157780600
## 3827	chr2 157780571	+	A	83	chr2:157780336-157780600
## 3828	chr2 157780571	-	A	102	chr2:157780336-157780600
## 3829	chr2 157780572	+	G	78	chr2:157780336-157780600
## 3830	chr2 157780572	-	G	94	chr2:157780336-157780600
## 3831	chr2 157780573	+	A	73	chr2:157780336-157780600
## 3832	chr2 157780573	-	A	91	chr2:157780336-157780600
## 3833	chr2 157780574	+	G	71	chr2:157780336-157780600
## 3834	chr2 157780574	-	G	74	chr2:157780336-157780600
## 3835	chr2 157780575	+	T	69	chr2:157780336-157780600
## 3836	chr2 157780575	-	T	56	chr2:157780336-157780600
## 3837	chr2 157780576	+	T	68	chr2:157780336-157780600
## 3838	chr2 157780576	-	T	26	chr2:157780336-157780600
## 3839	chr2 157780577	+	T	64	chr2:157780336-157780600
## 3840	chr2 157780577	-	T	23	chr2:157780336-157780600
## 3841	chr2 157780578	+	G	61	chr2:157780336-157780600
## 3842	chr2 157780578	-	G	23	chr2:157780336-157780600
## 3843	chr2 157780578	+	T	2	chr2:157780336-157780600
## 3844	chr2 157780579	+	G	60	chr2:157780336-157780600
## 3845	chr2 157780579	-	G	22	chr2:157780336-157780600
## 3846	chr2 157780579	+	T	1	chr2:157780336-157780600
## 3847	chr2 157780580	+	G	60	chr2:157780336-157780600
## 3848	chr2 157780580	-	G	21	chr2:157780336-157780600
## 3849	chr2 157780581	+	G	64	chr2:157780336-157780600
## 3850	chr2 157780581	-	G	20	chr2:157780336-157780600
## 3851	chr2 157780582	+	T	64	chr2:157780336-157780600
## 3852	chr2 157780582	-	T	20	chr2:157780336-157780600
## 3853	chr2 157780583	+	T	61	chr2:157780336-157780600
## 3854	chr2 157780583	-	T	21	chr2:157780336-157780600
## 3855	chr2 157780584	+	G	60	chr2:157780336-157780600
## 3856	chr2 157780584	-	G	21	chr2:157780336-157780600
## 3857	chr2 157780585	+	A	63	chr2:157780336-157780600
## 3858	chr2 157780585	-	A	24	chr2:157780336-157780600
## 3859	chr2 157780586	+	C	63	chr2:157780336-157780600
## 3860	chr2 157780586	-	C	24	chr2:157780336-157780600
## 3861	chr2 157780587	+	C	63	chr2:157780336-157780600
## 3862	chr2 157780587	-	C	24	chr2:157780336-157780600
## 3863	chr2 157780588	+	A	1	chr2:157780336-157780600
## 3864	chr2 157780588	+	T	61	chr2:157780336-157780600
## 3865	chr2 157780588	-	T	24	chr2:157780336-157780600
## 3866	chr2 157780589	+	T	61	chr2:157780336-157780600
## 3867	chr2 157780589	-	T	23	chr2:157780336-157780600
## 3868	chr2 157780590	+	G	61	chr2:157780336-157780600
## 3869	chr2 157780590	-	G	23	chr2:157780336-157780600
## 3870	chr2 157780591	+	G	61	chr2:157780336-157780600
## 3871	chr2 157780591	-	G	23	chr2:157780336-157780600
## 3872	chr2 157780592	+	G	60	chr2:157780336-157780600

## 3873	chr2 157780592	-	G	23	chr2:157780336-157780600
## 3874	chr2 157780593	+	C	60	chr2:157780336-157780600
## 3875	chr2 157780593	-	C	22	chr2:157780336-157780600
## 3876	chr2 157780594	+	T	59	chr2:157780336-157780600
## 3877	chr2 157780594	-	T	20	chr2:157780336-157780600
## 3878	chr2 157780595	+	T	59	chr2:157780336-157780600
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## 3880	chr2 157780596	+	C	59	chr2:157780336-157780600
## 3881	chr2 157780596	-	C	21	chr2:157780336-157780600
## 3882	chr2 157780597	+	T	56	chr2:157780336-157780600
## 3883	chr2 157780597	-	T	21	chr2:157780336-157780600
## 3884	chr2 157780598	+	C	56	chr2:157780336-157780600
## 3885	chr2 157780598	-	C	21	chr2:157780336-157780600
## 3886	chr2 157780599	+	A	55	chr2:157780336-157780600
## 3887	chr2 157780599	-	A	21	chr2:157780336-157780600
## 3888	chr2 157780600	+	T	53	chr2:157780336-157780600
## 3889	chr2 157780600	-	T	21	chr2:157780336-157780600
## 3890	chr2 157799426	+	C	195	chr2:157799426-157799500
## 3891	chr2 157799426	-	C	59	chr2:157799426-157799500
## 3892	chr2 157799427	+	C	194	chr2:157799426-157799500
## 3893	chr2 157799427	-	C	59	chr2:157799426-157799500
## 3894	chr2 157799428	+	T	193	chr2:157799426-157799500
## 3895	chr2 157799428	-	T	59	chr2:157799426-157799500
## 3896	chr2 157799429	+	T	188	chr2:157799426-157799500
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## 3898	chr2 157799430	+	C	186	chr2:157799426-157799500
## 3899	chr2 157799430	-	C	60	chr2:157799426-157799500
## 3900	chr2 157799431	+	C	178	chr2:157799426-157799500
## 3901	chr2 157799431	-	C	61	chr2:157799426-157799500
## 3902	chr2 157799432	+	A	177	chr2:157799426-157799500
## 3903	chr2 157799432	-	A	62	chr2:157799426-157799500
## 3904	chr2 157799433	+	A	1	chr2:157799426-157799500
## 3905	chr2 157799433	+	T	177	chr2:157799426-157799500
## 3906	chr2 157799433	-	T	64	chr2:157799426-157799500
## 3907	chr2 157799434	+	A	175	chr2:157799426-157799500
## 3908	chr2 157799434	-	A	69	chr2:157799426-157799500
## 3909	chr2 157799435	+	C	181	chr2:157799426-157799500
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## 3911	chr2 157799436	+	T	175	chr2:157799426-157799500
## 3912	chr2 157799436	-	T	69	chr2:157799426-157799500
## 3913	chr2 157799437	+	A	176	chr2:157799426-157799500
## 3914	chr2 157799437	-	A	69	chr2:157799426-157799500
## 3915	chr2 157799438	+	G	179	chr2:157799426-157799500
## 3916	chr2 157799438	-	G	69	chr2:157799426-157799500
## 3917	chr2 157799439	+	G	179	chr2:157799426-157799500
## 3918	chr2 157799439	-	G	70	chr2:157799426-157799500
## 3919	chr2 157799440	+	G	181	chr2:157799426-157799500
## 3920	chr2 157799440	-	G	70	chr2:157799426-157799500
## 3921	chr2 157799441	+	G	179	chr2:157799426-157799500
## 3922	chr2 157799441	-	G	70	chr2:157799426-157799500
## 3923	chr2 157799442	+	A	178	chr2:157799426-157799500
## 3924	chr2 157799442	-	A	72	chr2:157799426-157799500
## 3925	chr2 157799443	+	G	178	chr2:157799426-157799500
## 3926	chr2 157799443	-	G	73	chr2:157799426-157799500

## 3927	chr2 157799444	+	G	176	chr2:157799426-157799500
## 3928	chr2 157799444	-	G	73	chr2:157799426-157799500
## 3929	chr2 157799445	+	G	176	chr2:157799426-157799500
## 3930	chr2 157799445	-	G	73	chr2:157799426-157799500
## 3931	chr2 157799446	+	G	174	chr2:157799426-157799500
## 3932	chr2 157799446	-	G	75	chr2:157799426-157799500
## 3933	chr2 157799446	+	T	2	chr2:157799426-157799500
## 3934	chr2 157799447	+	A	177	chr2:157799426-157799500
## 3935	chr2 157799447	-	A	75	chr2:157799426-157799500
## 3936	chr2 157799448	+	G	176	chr2:157799426-157799500
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## 3938	chr2 157799449	+	A	174	chr2:157799426-157799500
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## 3940	chr2 157799450	+	G	173	chr2:157799426-157799500
## 3941	chr2 157799450	-	G	76	chr2:157799426-157799500
## 3942	chr2 157799451	+	C	170	chr2:157799426-157799500
## 3943	chr2 157799451	-	C	78	chr2:157799426-157799500
## 3944	chr2 157799452	+	A	170	chr2:157799426-157799500
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## 3948	chr2 157799454	+	T	167	chr2:157799426-157799500
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## 3950	chr2 157799455	+	C	168	chr2:157799426-157799500
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## 3952	chr2 157799456	+	A	166	chr2:157799426-157799500
## 3953	chr2 157799456	-	A	83	chr2:157799426-157799500
## 3954	chr2 157799457	+	T	165	chr2:157799426-157799500
## 3955	chr2 157799457	-	T	85	chr2:157799426-157799500
## 3956	chr2 157799458	+	G	166	chr2:157799426-157799500
## 3957	chr2 157799458	-	G	82	chr2:157799426-157799500
## 3958	chr2 157799459	+	A	166	chr2:157799426-157799500
## 3959	chr2 157799459	-	A	85	chr2:157799426-157799500
## 3960	chr2 157799460	+	T	163	chr2:157799426-157799500
## 3961	chr2 157799460	-	T	85	chr2:157799426-157799500
## 3962	chr2 157799461	+	A	162	chr2:157799426-157799500
## 3963	chr2 157799461	-	A	88	chr2:157799426-157799500
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## 3965	chr2 157799462	-	A	88	chr2:157799426-157799500
## 3966	chr2 157799463	+	G	157	chr2:157799426-157799500
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## 3969	chr2 157799464	+	C	157	chr2:157799426-157799500
## 3970	chr2 157799464	-	C	90	chr2:157799426-157799500
## 3971	chr2 157799465	+	A	153	chr2:157799426-157799500
## 3972	chr2 157799465	-	A	89	chr2:157799426-157799500
## 3973	chr2 157799466	+	C	157	chr2:157799426-157799500
## 3974	chr2 157799466	-	C	90	chr2:157799426-157799500
## 3975	chr2 157799467	+	A	155	chr2:157799426-157799500
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## 3977	chr2 157799468	+	G	156	chr2:157799426-157799500
## 3978	chr2 157799468	-	G	94	chr2:157799426-157799500
## 3979	chr2 157799469	+	G	152	chr2:157799426-157799500
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## 3987	chr2 157799473	+	A	130	chr2:157799426-157799500
## 3988	chr2 157799473	-	A	103	chr2:157799426-157799500
## 3989	chr2 157799474	+	A	129	chr2:157799426-157799500
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## 3992	chr2 157799475	-	T	112	chr2:157799426-157799500
## 3993	chr2 157799476	+	C	127	chr2:157799426-157799500
## 3994	chr2 157799476	-	C	113	chr2:157799426-157799500
## 3995	chr2 157799477	+	A	129	chr2:157799426-157799500
## 3996	chr2 157799477	-	A	118	chr2:157799426-157799500
## 3997	chr2 157799478	+	T	129	chr2:157799426-157799500
## 3998	chr2 157799478	-	T	113	chr2:157799426-157799500
## 3999	chr2 157799479	+	C	131	chr2:157799426-157799500
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## 4001	chr2 157799480	+	A	131	chr2:157799426-157799500
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## 4003	chr2 157799481	+	A	2	chr2:157799426-157799500
## 4004	chr2 157799481	+	C	128	chr2:157799426-157799500
## 4005	chr2 157799481	-	C	111	chr2:157799426-157799500
## 4006	chr2 157799482	+	A	1	chr2:157799426-157799500
## 4007	chr2 157799482	+	G	2	chr2:157799426-157799500
## 4008	chr2 157799482	+	T	124	chr2:157799426-157799500
## 4009	chr2 157799482	-	T	107	chr2:157799426-157799500
## 4010	chr2 157799483	+	C	116	chr2:157799426-157799500
## 4011	chr2 157799483	-	C	112	chr2:157799426-157799500
## 4012	chr2 157799484	+	C	113	chr2:157799426-157799500
## 4013	chr2 157799484	-	C	114	chr2:157799426-157799500
## 4014	chr2 157799485	+	A	113	chr2:157799426-157799500
## 4015	chr2 157799485	-	A	116	chr2:157799426-157799500
## 4016	chr2 157799486	+	T	111	chr2:157799426-157799500
## 4017	chr2 157799486	-	T	117	chr2:157799426-157799500
## 4018	chr2 157799487	+	C	107	chr2:157799426-157799500
## 4019	chr2 157799487	-	C	119	chr2:157799426-157799500
## 4020	chr2 157799488	+	T	105	chr2:157799426-157799500
## 4021	chr2 157799488	-	T	120	chr2:157799426-157799500
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## 4024	chr2 157799490	+	C	98	chr2:157799426-157799500
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## 4028	chr2 157799492	+	A	95	chr2:157799426-157799500
## 4029	chr2 157799492	-	A	133	chr2:157799426-157799500
## 4030	chr2 157799493	+	T	89	chr2:157799426-157799500
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## 4032	chr2 157799494	+	T	89	chr2:157799426-157799500
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## 4035	chr2	157799495	-	G	147	chr2:157799426-157799500
## 4036	chr2	157799496	+	T	87	chr2:157799426-157799500
## 4037	chr2	157799496	-	T	154	chr2:157799426-157799500
## 4038	chr2	157799497	+	A	86	chr2:157799426-157799500
## 4039	chr2	157799497	-	A	154	chr2:157799426-157799500
## 4040	chr2	157799498	+	C	84	chr2:157799426-157799500
## 4041	chr2	157799498	-	C	156	chr2:157799426-157799500
## 4042	chr2	157799499	+	A	86	chr2:157799426-157799500
## 4043	chr2	157799499	-	A	156	chr2:157799426-157799500
## 4044	chr2	157799500	+	A	85	chr2:157799426-157799500
## 4045	chr2	157799500	-	A	155	chr2:157799426-157799500
## 4046	chr2	157799500	-	G	1	chr2:157799426-157799500

##

\$AKT1

##	seqnames	pos	strand	nucleotide	count	which_label
## 1	chr14	104769348	+	A	1	chr14:104769348-104770420
## 2	chr14	104769348	-	A	1	chr14:104769348-104770420
## 3	chr14	104769349	+	T	1	chr14:104769348-104770420
## 4	chr14	104769349	-	T	1	chr14:104769348-104770420
## 5	chr14	104769350	+	T	1	chr14:104769348-104770420
## 6	chr14	104769350	-	T	2	chr14:104769348-104770420
## 7	chr14	104769351	+	T	1	chr14:104769348-104770420
## 8	chr14	104769351	-	T	2	chr14:104769348-104770420
## 9	chr14	104769352	+	G	1	chr14:104769348-104770420
## 10	chr14	104769352	-	G	2	chr14:104769348-104770420
## 11	chr14	104769353	+	A	1	chr14:104769348-104770420
## 12	chr14	104769353	-	A	2	chr14:104769348-104770420
## 13	chr14	104769354	+	A	1	chr14:104769348-104770420
## 14	chr14	104769354	-	A	2	chr14:104769348-104770420
## 15	chr14	104769355	+	A	1	chr14:104769348-104770420
## 16	chr14	104769355	-	A	2	chr14:104769348-104770420
## 17	chr14	104769356	+	A	1	chr14:104769348-104770420
## 18	chr14	104769356	-	A	2	chr14:104769348-104770420
## 19	chr14	104769357	+	G	1	chr14:104769348-104770420
## 20	chr14	104769357	-	G	2	chr14:104769348-104770420
## 21	chr14	104769358	+	C	1	chr14:104769348-104770420
## 22	chr14	104769358	-	C	2	chr14:104769348-104770420
## 23	chr14	104769359	+	A	1	chr14:104769348-104770420
## 24	chr14	104769359	-	A	2	chr14:104769348-104770420
## 25	chr14	104769360	+	A	1	chr14:104769348-104770420
## 26	chr14	104769360	-	A	2	chr14:104769348-104770420
## 27	chr14	104769361	+	C	1	chr14:104769348-104770420
## 28	chr14	104769361	-	C	2	chr14:104769348-104770420
## 29	chr14	104769362	+	T	1	chr14:104769348-104770420
## 30	chr14	104769362	-	T	2	chr14:104769348-104770420
## 31	chr14	104769363	+	T	1	chr14:104769348-104770420
## 32	chr14	104769363	-	T	2	chr14:104769348-104770420
## 33	chr14	104769364	+	T	1	chr14:104769348-104770420
## 34	chr14	104769364	-	T	2	chr14:104769348-104770420
## 35	chr14	104769365	+	T	1	chr14:104769348-104770420
## 36	chr14	104769365	-	T	2	chr14:104769348-104770420
## 37	chr14	104769366	+	A	1	chr14:104769348-104770420
## 38	chr14	104769366	-	A	2	chr14:104769348-104770420
## 39	chr14	104769367	+	T	1	chr14:104769348-104770420

## 40	chr14 104769367	-	T	2	chr14:104769348-104770420
## 41	chr14 104769368	+	T	1	chr14:104769348-104770420
## 42	chr14 104769368	-	T	2	chr14:104769348-104770420
## 43	chr14 104769369	+	G	1	chr14:104769348-104770420
## 44	chr14 104769369	-	G	2	chr14:104769348-104770420
## 45	chr14 104769370	+	A	1	chr14:104769348-104770420
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## 47	chr14 104769371	+	A	1	chr14:104769348-104770420
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## 49	chr14 104769372	+	G	1	chr14:104769348-104770420
## 50	chr14 104769372	-	G	2	chr14:104769348-104770420
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## 54	chr14 104769374	-	A	2	chr14:104769348-104770420
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## 56	chr14 104769375	-	T	2	chr14:104769348-104770420
## 57	chr14 104769376	+	T	1	chr14:104769348-104770420
## 58	chr14 104769376	-	T	2	chr14:104769348-104770420
## 59	chr14 104769377	+	T	1	chr14:104769348-104770420
## 60	chr14 104769377	-	T	2	chr14:104769348-104770420
## 61	chr14 104769378	+	G	1	chr14:104769348-104770420
## 62	chr14 104769378	-	G	2	chr14:104769348-104770420
## 63	chr14 104769379	+	G	1	chr14:104769348-104770420
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## 67	chr14 104769381	+	G	1	chr14:104769348-104770420
## 68	chr14 104769381	-	G	2	chr14:104769348-104770420
## 69	chr14 104769382	+	G	1	chr14:104769348-104770420
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## 71	chr14 104769383	+	G	1	chr14:104769348-104770420
## 72	chr14 104769383	-	G	2	chr14:104769348-104770420
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## 76	chr14 104769385	-	A	2	chr14:104769348-104770420
## 77	chr14 104769386	+	G	1	chr14:104769348-104770420
## 78	chr14 104769386	-	G	3	chr14:104769348-104770420
## 79	chr14 104769387	+	G	1	chr14:104769348-104770420
## 80	chr14 104769387	-	G	3	chr14:104769348-104770420
## 81	chr14 104769388	+	T	1	chr14:104769348-104770420
## 82	chr14 104769388	-	T	3	chr14:104769348-104770420
## 83	chr14 104769389	+	T	1	chr14:104769348-104770420
## 84	chr14 104769389	-	T	3	chr14:104769348-104770420
## 85	chr14 104769390	+	C	1	chr14:104769348-104770420
## 86	chr14 104769390	-	C	3	chr14:104769348-104770420
## 87	chr14 104769391	+	C	1	chr14:104769348-104770420
## 88	chr14 104769391	-	C	3	chr14:104769348-104770420
## 89	chr14 104769392	-	A	3	chr14:104769348-104770420
## 90	chr14 104769393	-	T	3	chr14:104769348-104770420
## 91	chr14 104769394	-	A	3	chr14:104769348-104770420
## 92	chr14 104769395	-	T	3	chr14:104769348-104770420
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## 94	chr14 104769397	-	A	3	chr14:104769348-104770420
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## 96	chr14 104769399	-	A	3	chr14:104769348-104770420
## 97	chr14 104769400	-	T	3	chr14:104769348-104770420
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## 102	chr14 104769405	-	A	2	chr14:104769348-104770420
## 103	chr14 104769406	-	T	2	chr14:104769348-104770420
## 104	chr14 104769407	-	A	2	chr14:104769348-104770420
## 105	chr14 104769408	-	G	2	chr14:104769348-104770420
## 106	chr14 104769409	-	T	2	chr14:104769348-104770420
## 107	chr14 104769410	-	A	2	chr14:104769348-104770420
## 108	chr14 104769411	-	A	2	chr14:104769348-104770420
## 109	chr14 104769412	-	A	2	chr14:104769348-104770420
## 110	chr14 104769413	-	A	2	chr14:104769348-104770420
## 111	chr14 104769414	-	A	2	chr14:104769348-104770420
## 112	chr14 104769415	-	T	2	chr14:104769348-104770420
## 113	chr14 104769416	-	A	2	chr14:104769348-104770420
## 114	chr14 104769417	-	C	2	chr14:104769348-104770420
## 115	chr14 104769418	-	T	2	chr14:104769348-104770420
## 116	chr14 104769419	-	A	2	chr14:104769348-104770420
## 117	chr14 104769420	-	A	2	chr14:104769348-104770420
## 118	chr14 104769421	-	A	2	chr14:104769348-104770420
## 119	chr14 104769422	-	G	2	chr14:104769348-104770420
## 120	chr14 104769423	-	T	2	chr14:104769348-104770420
## 121	chr14 104769424	-	T	2	chr14:104769348-104770420
## 122	chr14 104769425	-	G	1	chr14:104769348-104770420
## 123	chr14 104769426	-	A	1	chr14:104769348-104770420
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## 126	chr14 104769429	-	G	1	chr14:104769348-104770420
## 127	chr14 104769430	-	T	1	chr14:104769348-104770420
## 128	chr14 104769431	-	T	1	chr14:104769348-104770420
## 129	chr14 104769432	-	G	1	chr14:104769348-104770420
## 130	chr14 104769433	-	T	1	chr14:104769348-104770420
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## 135	chr14 104769438	-	A	1	chr14:104769348-104770420
## 136	chr14 104769439	-	A	1	chr14:104769348-104770420
## 137	chr14 104769440	-	A	1	chr14:104769348-104770420
## 138	chr14 104769441	-	C	1	chr14:104769348-104770420
## 139	chr14 104769442	-	G	1	chr14:104769348-104770420
## 140	chr14 104769443	-	C	1	chr14:104769348-104770420
## 141	chr14 104769444	-	C	1	chr14:104769348-104770420
## 142	chr14 104769445	-	G	1	chr14:104769348-104770420
## 143	chr14 104769446	-	T	1	chr14:104769348-104770420
## 144	chr14 104769447	-	G	1	chr14:104769348-104770420
## 145	chr14 104769448	-	G	1	chr14:104769348-104770420
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## 148	chr14 104769451	-	C	1 chr14:104769348-104770420
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## 150	chr14 104769453	-	G	1 chr14:104769348-104770420
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## 155	chr14 104769457	+	C	1 chr14:104769348-104770420
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## 157	chr14 104769458	+	A	1 chr14:104769348-104770420
## 158	chr14 104769458	-	A	1 chr14:104769348-104770420
## 159	chr14 104769459	+	G	1 chr14:104769348-104770420
## 160	chr14 104769459	-	G	1 chr14:104769348-104770420
## 161	chr14 104769460	+	C	1 chr14:104769348-104770420
## 162	chr14 104769460	-	C	1 chr14:104769348-104770420
## 163	chr14 104769461	+	G	1 chr14:104769348-104770420
## 164	chr14 104769462	+	G	1 chr14:104769348-104770420
## 165	chr14 104769463	+	C	1 chr14:104769348-104770420
## 166	chr14 104769464	+	A	1 chr14:104769348-104770420
## 167	chr14 104769465	+	G	1 chr14:104769348-104770420
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## 169	chr14 104769467	+	G	1 chr14:104769348-104770420
## 170	chr14 104769468	+	T	1 chr14:104769348-104770420
## 171	chr14 104769469	+	C	1 chr14:104769348-104770420
## 172	chr14 104769470	+	T	1 chr14:104769348-104770420
## 173	chr14 104769471	+	G	1 chr14:104769348-104770420
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## 202	chr14	104769493	-	C	1 chr14:104769348-104770420
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## 204	chr14	104769494	-	A	1 chr14:104769348-104770420
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## 215	chr14	104769500	+	G	1 chr14:104769348-104770420
## 216	chr14	104769500	-	G	1 chr14:104769348-104770420
## 217	chr14	104769501	+	G	1 chr14:104769348-104770420
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## 219	chr14	104769502	+	C	1 chr14:104769348-104770420
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## 232	chr14	104769508	-	C	1 chr14:104769348-104770420
## 233	chr14	104769509	+	C	1 chr14:104769348-104770420
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## 235	chr14	104769510	+	A	1 chr14:104769348-104770420
## 236	chr14	104769510	-	A	1 chr14:104769348-104770420
## 237	chr14	104769511	+	C	1 chr14:104769348-104770420
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## 239	chr14	104769512	+	A	1 chr14:104769348-104770420
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## 241	chr14	104769513	+	G	1 chr14:104769348-104770420
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## 245	chr14	104769515	+	G	1 chr14:104769348-104770420
## 246	chr14	104769515	-	G	1 chr14:104769348-104770420
## 247	chr14	104769516	+	A	1 chr14:104769348-104770420
## 248	chr14	104769516	-	A	1 chr14:104769348-104770420
## 249	chr14	104769517	+	G	1 chr14:104769348-104770420
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## 252	chr14	104769518	-	T	1 chr14:104769348-104770420
## 253	chr14	104769519	+	C	1 chr14:104769348-104770420
## 254	chr14	104769519	-	C	1 chr14:104769348-104770420
## 255	chr14	104769520	+	A	1 chr14:104769348-104770420

## 256	chr14	104769520	-	A	1 chr14:104769348-104770420
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## 258	chr14	104769521	-	G	1 chr14:104769348-104770420
## 259	chr14	104769522	+	G	1 chr14:104769348-104770420
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## 267	chr14	104769526	+	G	1 chr14:104769348-104770420
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## 269	chr14	104769527	+	G	1 chr14:104769348-104770420
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## 271	chr14	104769528	+	C	1 chr14:104769348-104770420
## 272	chr14	104769528	-	C	1 chr14:104769348-104770420
## 273	chr14	104769529	+	C	1 chr14:104769348-104770420
## 274	chr14	104769529	-	C	1 chr14:104769348-104770420
## 275	chr14	104769530	+	T	1 chr14:104769348-104770420
## 276	chr14	104769530	-	T	1 chr14:104769348-104770420
## 277	chr14	104769531	-	G	1 chr14:104769348-104770420
## 278	chr14	104769532	-	G	1 chr14:104769348-104770420
## 279	chr14	104769533	-	G	1 chr14:104769348-104770420
## 280	chr14	104769534	-	G	1 chr14:104769348-104770420
## 281	chr14	104769535	-	C	1 chr14:104769348-104770420
## 282	chr14	104769536	-	G	1 chr14:104769348-104770420
## 283	chr14	104769537	-	A	1 chr14:104769348-104770420
## 284	chr14	104769538	-	C	1 chr14:104769348-104770420
## 285	chr14	104769539	-	A	1 chr14:104769348-104770420
## 286	chr14	104769540	-	G	1 chr14:104769348-104770420
## 287	chr14	104769541	-	C	1 chr14:104769348-104770420
## 288	chr14	104769542	-	G	1 chr14:104769348-104770420
## 289	chr14	104769543	-	G	1 chr14:104769348-104770420
## 290	chr14	104769544	-	A	1 chr14:104769348-104770420
## 291	chr14	104769545	-	A	1 chr14:104769348-104770420
## 292	chr14	104769546	-	A	1 chr14:104769348-104770420
## 293	chr14	104769547	-	G	1 chr14:104769348-104770420
## 294	chr14	104769548	-	G	1 chr14:104769348-104770420
## 295	chr14	104769549	-	T	1 chr14:104769348-104770420
## 296	chr14	104769550	-	T	1 chr14:104769348-104770420
## 297	chr14	104769551	-	A	1 chr14:104769348-104770420
## 298	chr14	104769552	-	A	1 chr14:104769348-104770420
## 299	chr14	104769553	-	G	1 chr14:104769348-104770420
## 300	chr14	104769554	-	C	1 chr14:104769348-104770420
## 301	chr14	104769555	-	G	1 chr14:104769348-104770420
## 302	chr14	104769556	-	T	1 chr14:104769348-104770420
## 303	chr14	104769557	-	C	1 chr14:104769348-104770420
## 304	chr14	104769558	-	G	1 chr14:104769348-104770420
## 305	chr14	104769559	-	A	1 chr14:104769348-104770420
## 306	chr14	104769560	-	A	1 chr14:104769348-104770420
## 307	chr14	104769561	-	A	1 chr14:104769348-104770420
## 308	chr14	104769719	+	A	1 chr14:104769348-104770420
## 309	chr14	104769720	+	T	1 chr14:104769348-104770420

## 310	chr14 104769721	+	T	1 chr14:104769348-104770420
## 311	chr14 104769722	+	T	1 chr14:104769348-104770420
## 312	chr14 104769723	+	A	1 chr14:104769348-104770420
## 313	chr14 104769724	+	A	1 chr14:104769348-104770420
## 314	chr14 104769725	+	A	1 chr14:104769348-104770420
## 315	chr14 104769726	+	C	1 chr14:104769348-104770420
## 316	chr14 104769727	+	C	1 chr14:104769348-104770420
## 317	chr14 104769728	+	T	1 chr14:104769348-104770420
## 318	chr14 104769729	+	T	1 chr14:104769348-104770420
## 319	chr14 104769730	+	G	1 chr14:104769348-104770420
## 320	chr14 104769731	+	C	1 chr14:104769348-104770420
## 321	chr14 104769732	+	T	1 chr14:104769348-104770420
## 322	chr14 104769733	+	C	1 chr14:104769348-104770420
## 323	chr14 104769734	+	C	1 chr14:104769348-104770420
## 324	chr14 104769735	+	T	1 chr14:104769348-104770420
## 325	chr14 104769736	+	C	1 chr14:104769348-104770420
## 326	chr14 104769737	+	T	1 chr14:104769348-104770420
## 327	chr14 104769738	+	G	1 chr14:104769348-104770420
## 328	chr14 104769739	+	T	1 chr14:104769348-104770420
## 329	chr14 104769740	+	C	1 chr14:104769348-104770420
## 330	chr14 104769741	+	C	1 chr14:104769348-104770420
## 331	chr14 104769742	+	C	1 chr14:104769348-104770420
## 332	chr14 104769743	+	A	1 chr14:104769348-104770420
## 333	chr14 104769744	+	C	1 chr14:104769348-104770420
## 334	chr14 104769745	+	T	1 chr14:104769348-104770420
## 335	chr14 104769746	+	G	1 chr14:104769348-104770420
## 336	chr14 104769747	+	G	1 chr14:104769348-104770420
## 337	chr14 104769748	+	G	1 chr14:104769348-104770420
## 338	chr14 104769749	+	T	1 chr14:104769348-104770420
## 339	chr14 104769750	+	A	1 chr14:104769348-104770420
## 340	chr14 104769751	+	A	1 chr14:104769348-104770420
## 341	chr14 104769752	+	A	1 chr14:104769348-104770420
## 342	chr14 104769753	+	C	2 chr14:104769348-104770420
## 343	chr14 104769754	+	C	4 chr14:104769348-104770420
## 344	chr14 104769755	+	C	4 chr14:104769348-104770420
## 345	chr14 104769756	+	T	4 chr14:104769348-104770420
## 346	chr14 104769757	+	G	4 chr14:104769348-104770420
## 347	chr14 104769758	+	G	4 chr14:104769348-104770420
## 348	chr14 104769759	+	C	4 chr14:104769348-104770420
## 349	chr14 104769760	+	C	4 chr14:104769348-104770420
## 350	chr14 104769761	+	C	4 chr14:104769348-104770420
## 351	chr14 104769762	+	A	4 chr14:104769348-104770420
## 352	chr14 104769763	+	T	4 chr14:104769348-104770420
## 353	chr14 104769764	+	C	4 chr14:104769348-104770420
## 354	chr14 104769765	+	C	4 chr14:104769348-104770420
## 355	chr14 104769766	+	C	4 chr14:104769348-104770420
## 356	chr14 104769767	+	C	4 chr14:104769348-104770420
## 357	chr14 104769768	+	C	4 chr14:104769348-104770420
## 358	chr14 104769769	+	A	4 chr14:104769348-104770420
## 359	chr14 104769770	+	T	4 chr14:104769348-104770420
## 360	chr14 104769771	+	C	4 chr14:104769348-104770420
## 361	chr14 104769772	+	C	4 chr14:104769348-104770420
## 362	chr14 104769773	+	C	4 chr14:104769348-104770420
## 363	chr14 104769774	+	T	4 chr14:104769348-104770420

## 364	chr14 104769775	+	G	4 chr14:104769348-104770420
## 365	chr14 104769776	+	G	4 chr14:104769348-104770420
## 366	chr14 104769777	+	T	4 chr14:104769348-104770420
## 367	chr14 104769778	+	C	4 chr14:104769348-104770420
## 368	chr14 104769779	+	C	4 chr14:104769348-104770420
## 369	chr14 104769780	+	C	4 chr14:104769348-104770420
## 370	chr14 104769781	+	A	4 chr14:104769348-104770420
## 371	chr14 104769782	+	T	4 chr14:104769348-104770420
## 372	chr14 104769783	+	C	4 chr14:104769348-104770420
## 373	chr14 104769784	+	C	4 chr14:104769348-104770420
## 374	chr14 104769785	+	C	4 chr14:104769348-104770420
## 375	chr14 104769786	+	A	4 chr14:104769348-104770420
## 376	chr14 104769787	+	G	4 chr14:104769348-104770420
## 377	chr14 104769788	+	G	4 chr14:104769348-104770420
## 378	chr14 104769789	+	G	4 chr14:104769348-104770420
## 379	chr14 104769790	+	G	4 chr14:104769348-104770420
## 380	chr14 104769791	+	C	4 chr14:104769348-104770420
## 381	chr14 104769792	+	C	4 chr14:104769348-104770420
## 382	chr14 104769793	+	C	4 chr14:104769348-104770420
## 383	chr14 104769794	+	A	3 chr14:104769348-104770420
## 384	chr14 104769795	+	G	3 chr14:104769348-104770420
## 385	chr14 104769796	+	C	3 chr14:104769348-104770420
## 386	chr14 104769797	+	C	3 chr14:104769348-104770420
## 387	chr14 104769798	+	T	3 chr14:104769348-104770420
## 388	chr14 104769799	+	C	3 chr14:104769348-104770420
## 389	chr14 104769800	+	C	3 chr14:104769348-104770420
## 390	chr14 104769801	+	G	3 chr14:104769348-104770420
## 391	chr14 104769802	+	A	3 chr14:104769348-104770420
## 392	chr14 104769803	+	T	3 chr14:104769348-104770420
## 393	chr14 104769804	+	G	3 chr14:104769348-104770420
## 394	chr14 104769805	+	A	3 chr14:104769348-104770420
## 395	chr14 104769805	-	A	2 chr14:104769348-104770420
## 396	chr14 104769806	+	C	3 chr14:104769348-104770420
## 397	chr14 104769806	-	C	2 chr14:104769348-104770420
## 398	chr14 104769807	+	G	3 chr14:104769348-104770420
## 399	chr14 104769807	-	G	2 chr14:104769348-104770420
## 400	chr14 104769808	+	T	3 chr14:104769348-104770420
## 401	chr14 104769808	-	T	2 chr14:104769348-104770420
## 402	chr14 104769809	+	C	3 chr14:104769348-104770420
## 403	chr14 104769809	-	C	2 chr14:104769348-104770420
## 404	chr14 104769810	+	C	3 chr14:104769348-104770420
## 405	chr14 104769810	-	C	3 chr14:104769348-104770420
## 406	chr14 104769811	+	T	3 chr14:104769348-104770420
## 407	chr14 104769811	-	T	3 chr14:104769348-104770420
## 408	chr14 104769812	+	C	3 chr14:104769348-104770420
## 409	chr14 104769812	-	C	3 chr14:104769348-104770420
## 410	chr14 104769813	+	A	3 chr14:104769348-104770420
## 411	chr14 104769813	-	A	3 chr14:104769348-104770420
## 412	chr14 104769814	+	G	3 chr14:104769348-104770420
## 413	chr14 104769814	-	G	3 chr14:104769348-104770420
## 414	chr14 104769815	+	A	3 chr14:104769348-104770420
## 415	chr14 104769815	-	A	3 chr14:104769348-104770420
## 416	chr14 104769816	+	G	3 chr14:104769348-104770420
## 417	chr14 104769816	-	G	3 chr14:104769348-104770420

## 418	chr14 104769817	+	A	2	chr14:104769348-104770420
## 419	chr14 104769817	-	A	3	chr14:104769348-104770420
## 420	chr14 104769818	+	C	2	chr14:104769348-104770420
## 421	chr14 104769818	-	C	3	chr14:104769348-104770420
## 422	chr14 104769819	+	A	2	chr14:104769348-104770420
## 423	chr14 104769819	-	A	3	chr14:104769348-104770420
## 424	chr14 104769820	+	C	2	chr14:104769348-104770420
## 425	chr14 104769820	-	C	3	chr14:104769348-104770420
## 426	chr14 104769821	+	G	2	chr14:104769348-104770420
## 427	chr14 104769821	-	G	3	chr14:104769348-104770420
## 428	chr14 104769822	+	G	2	chr14:104769348-104770420
## 429	chr14 104769822	-	G	3	chr14:104769348-104770420
## 430	chr14 104769823	+	C	2	chr14:104769348-104770420
## 431	chr14 104769823	-	C	3	chr14:104769348-104770420
## 432	chr14 104769824	+	C	2	chr14:104769348-104770420
## 433	chr14 104769824	-	C	3	chr14:104769348-104770420
## 434	chr14 104769825	+	T	2	chr14:104769348-104770420
## 435	chr14 104769825	-	T	3	chr14:104769348-104770420
## 436	chr14 104769826	+	T	2	chr14:104769348-104770420
## 437	chr14 104769826	-	T	3	chr14:104769348-104770420
## 438	chr14 104769827	+	A	2	chr14:104769348-104770420
## 439	chr14 104769827	-	A	3	chr14:104769348-104770420
## 440	chr14 104769828	+	G	1	chr14:104769348-104770420
## 441	chr14 104769828	-	G	3	chr14:104769348-104770420
## 442	chr14 104769829	-	T	3	chr14:104769348-104770420
## 443	chr14 104769830	-	G	3	chr14:104769348-104770420
## 444	chr14 104769831	-	C	3	chr14:104769348-104770420
## 445	chr14 104769832	-	T	3	chr14:104769348-104770420
## 446	chr14 104769833	-	G	3	chr14:104769348-104770420
## 447	chr14 104769834	-	G	3	chr14:104769348-104770420
## 448	chr14 104769835	-	G	3	chr14:104769348-104770420
## 449	chr14 104769836	-	G	3	chr14:104769348-104770420
## 450	chr14 104769837	-	G	3	chr14:104769348-104770420
## 451	chr14 104769838	-	G	3	chr14:104769348-104770420
## 452	chr14 104769839	-	C	3	chr14:104769348-104770420
## 453	chr14 104769840	-	T	3	chr14:104769348-104770420
## 454	chr14 104769841	-	G	3	chr14:104769348-104770420
## 455	chr14 104769842	-	C	3	chr14:104769348-104770420
## 456	chr14 104769843	-	T	3	chr14:104769348-104770420
## 457	chr14 104769844	-	G	3	chr14:104769348-104770420
## 458	chr14 104769845	-	T	3	chr14:104769348-104770420
## 459	chr14 104769846	-	G	3	chr14:104769348-104770420
## 460	chr14 104769847	-	T	3	chr14:104769348-104770420
## 461	chr14 104769848	-	G	3	chr14:104769348-104770420
## 462	chr14 104769849	-	C	3	chr14:104769348-104770420
## 463	chr14 104769850	-	C	3	chr14:104769348-104770420
## 464	chr14 104769851	-	T	3	chr14:104769348-104770420
## 465	chr14 104769852	-	G	3	chr14:104769348-104770420
## 466	chr14 104769853	-	C	3	chr14:104769348-104770420
## 467	chr14 104769854	-	C	3	chr14:104769348-104770420
## 468	chr14 104769855	-	A	3	chr14:104769348-104770420
## 469	chr14 104769856	-	C	4	chr14:104769348-104770420
## 470	chr14 104769857	-	C	4	chr14:104769348-104770420
## 471	chr14 104769858	-	C	4	chr14:104769348-104770420

## 472	chr14 104769859	-	C	4	chr14:104769348-104770420
## 473	chr14 104769860	-	C	4	chr14:104769348-104770420
## 474	chr14 104769861	-	A	4	chr14:104769348-104770420
## 475	chr14 104769862	-	G	4	chr14:104769348-104770420
## 476	chr14 104769863	-	G	4	chr14:104769348-104770420
## 477	chr14 104769864	-	A	4	chr14:104769348-104770420
## 478	chr14 104769865	-	G	4	chr14:104769348-104770420
## 479	chr14 104769866	-	A	4	chr14:104769348-104770420
## 480	chr14 104769867	-	G	4	chr14:104769348-104770420
## 481	chr14 104769868	-	G	4	chr14:104769348-104770420
## 482	chr14 104769869	-	G	4	chr14:104769348-104770420
## 483	chr14 104769870	-	T	4	chr14:104769348-104770420
## 484	chr14 104769871	-	G	4	chr14:104769348-104770420
## 485	chr14 104769872	-	C	4	chr14:104769348-104770420
## 486	chr14 104769873	-	T	4	chr14:104769348-104770420
## 487	chr14 104769874	-	G	4	chr14:104769348-104770420
## 488	chr14 104769875	-	G	4	chr14:104769348-104770420
## 489	chr14 104769876	-	C	4	chr14:104769348-104770420
## 490	chr14 104769877	-	C	4	chr14:104769348-104770420
## 491	chr14 104769878	-	A	4	chr14:104769348-104770420
## 492	chr14 104769879	-	G	4	chr14:104769348-104770420
## 493	chr14 104769880	-	C	2	chr14:104769348-104770420
## 494	chr14 104769881	-	A	2	chr14:104769348-104770420
## 495	chr14 104769882	-	T	2	chr14:104769348-104770420
## 496	chr14 104769883	-	A	2	chr14:104769348-104770420
## 497	chr14 104769884	-	C	2	chr14:104769348-104770420
## 498	chr14 104769885	-	C	1	chr14:104769348-104770420
## 499	chr14 104769886	-	A	1	chr14:104769348-104770420
## 500	chr14 104769887	-	T	1	chr14:104769348-104770420
## 501	chr14 104769888	-	A	1	chr14:104769348-104770420
## 502	chr14 104769889	-	G	1	chr14:104769348-104770420
## 503	chr14 104769890	-	T	1	chr14:104769348-104770420
## 504	chr14 104769891	-	G	1	chr14:104769348-104770420
## 505	chr14 104769892	-	A	1	chr14:104769348-104770420
## 506	chr14 104769893	-	G	1	chr14:104769348-104770420
## 507	chr14 104769894	-	G	1	chr14:104769348-104770420
## 508	chr14 104769895	-	T	1	chr14:104769348-104770420
## 509	chr14 104769896	-	T	1	chr14:104769348-104770420
## 510	chr14 104769897	-	G	1	chr14:104769348-104770420
## 511	chr14 104769898	-	C	1	chr14:104769348-104770420
## 512	chr14 104769899	-	A	1	chr14:104769348-104770420
## 513	chr14 104769900	-	T	1	chr14:104769348-104770420
## 514	chr14 104769901	-	C	1	chr14:104769348-104770420
## 515	chr14 104769902	-	T	1	chr14:104769348-104770420
## 516	chr14 104769903	-	G	1	chr14:104769348-104770420
## 517	chr14 104769904	-	G	1	chr14:104769348-104770420
## 518	chr14 104769905	-	T	1	chr14:104769348-104770420
## 519	chr14 104769906	-	G	1	chr14:104769348-104770420
## 520	chr14 104769907	-	C	1	chr14:104769348-104770420
## 521	chr14 104769908	-	C	1	chr14:104769348-104770420
## 522	chr14 104769909	-	A	1	chr14:104769348-104770420
## 523	chr14 104769910	-	C	1	chr14:104769348-104770420
## 524	chr14 104769911	-	C	1	chr14:104769348-104770420
## 525	chr14 104769912	-	A	1	chr14:104769348-104770420

## 526	chr14 104769913	-	G	1 chr14:104769348-104770420
## 527	chr14 104769914	-	G	1 chr14:104769348-104770420
## 528	chr14 104769915	-	T	1 chr14:104769348-104770420
## 529	chr14 104769916	-	T	1 chr14:104769348-104770420
## 530	chr14 104769917	-	G	1 chr14:104769348-104770420
## 531	chr14 104769918	-	A	1 chr14:104769348-104770420
## 532	chr14 104769919	-	A	1 chr14:104769348-104770420
## 533	chr14 104769920	-	C	1 chr14:104769348-104770420
## 534	chr14 104769921	-	T	1 chr14:104769348-104770420
## 535	chr14 104769922	-	G	1 chr14:104769348-104770420
## 536	chr14 104769923	-	A	1 chr14:104769348-104770420
## 537	chr14 104769924	-	G	1 chr14:104769348-104770420
## 538	chr14 104769925	-	G	1 chr14:104769348-104770420
## 539	chr14 104769926	-	C	1 chr14:104769348-104770420
## 540	chr14 104769927	-	C	1 chr14:104769348-104770420
## 541	chr14 104769928	-	C	1 chr14:104769348-104770420
## 542	chr14 104769929	-	A	1 chr14:104769348-104770420
## 543	chr14 104769930	-	G	1 chr14:104769348-104770420
## 544	chr14 104769968	+	C	2 chr14:104769348-104770420
## 545	chr14 104769969	+	C	2 chr14:104769348-104770420
## 546	chr14 104769970	+	C	2 chr14:104769348-104770420
## 547	chr14 104769971	+	A	2 chr14:104769348-104770420
## 548	chr14 104769972	+	G	2 chr14:104769348-104770420
## 549	chr14 104769973	+	G	2 chr14:104769348-104770420
## 550	chr14 104769974	+	G	2 chr14:104769348-104770420
## 551	chr14 104769975	+	C	2 chr14:104769348-104770420
## 552	chr14 104769976	+	G	2 chr14:104769348-104770420
## 553	chr14 104769977	+	G	2 chr14:104769348-104770420
## 554	chr14 104769978	+	C	2 chr14:104769348-104770420
## 555	chr14 104769979	+	T	2 chr14:104769348-104770420
## 556	chr14 104769980	+	G	2 chr14:104769348-104770420
## 557	chr14 104769981	+	G	2 chr14:104769348-104770420
## 558	chr14 104769982	+	C	2 chr14:104769348-104770420
## 559	chr14 104769983	+	T	2 chr14:104769348-104770420
## 560	chr14 104769984	+	G	2 chr14:104769348-104770420
## 561	chr14 104769985	+	A	2 chr14:104769348-104770420
## 562	chr14 104769986	+	C	2 chr14:104769348-104770420
## 563	chr14 104769987	+	A	2 chr14:104769348-104770420
## 564	chr14 104769988	+	G	2 chr14:104769348-104770420
## 565	chr14 104769989	+	A	5 chr14:104769348-104770420
## 566	chr14 104769990	+	G	5 chr14:104769348-104770420
## 567	chr14 104769991	+	T	5 chr14:104769348-104770420
## 568	chr14 104769992	+	G	5 chr14:104769348-104770420
## 569	chr14 104769993	+	A	4 chr14:104769348-104770420
## 570	chr14 104769993	+	C	1 chr14:104769348-104770420
## 571	chr14 104769994	+	G	5 chr14:104769348-104770420
## 572	chr14 104769995	+	G	5 chr14:104769348-104770420
## 573	chr14 104769996	+	G	5 chr14:104769348-104770420
## 574	chr14 104769997	+	G	5 chr14:104769348-104770420
## 575	chr14 104769998	+	A	4 chr14:104769348-104770420
## 576	chr14 104769998	+	C	1 chr14:104769348-104770420
## 577	chr14 104769999	+	C	5 chr14:104769348-104770420
## 578	chr14 104770000	+	A	5 chr14:104769348-104770420
## 579	chr14 104770001	+	C	5 chr14:104769348-104770420

## 580	chr14 104770002	+	A	5 chr14:104769348-104770420
## 581	chr14 104770003	+	T	5 chr14:104769348-104770420
## 582	chr14 104770004	+	G	5 chr14:104769348-104770420
## 583	chr14 104770005	+	G	5 chr14:104769348-104770420
## 584	chr14 104770006	+	G	5 chr14:104769348-104770420
## 585	chr14 104770007	+	C	5 chr14:104769348-104770420
## 586	chr14 104770008	+	A	5 chr14:104769348-104770420
## 587	chr14 104770009	+	G	5 chr14:104769348-104770420
## 588	chr14 104770010	+	G	5 chr14:104769348-104770420
## 589	chr14 104770011	+	A	5 chr14:104769348-104770420
## 590	chr14 104770012	+	C	5 chr14:104769348-104770420
## 591	chr14 104770013	+	C	5 chr14:104769348-104770420
## 592	chr14 104770014	+	T	5 chr14:104769348-104770420
## 593	chr14 104770015	+	G	5 chr14:104769348-104770420
## 594	chr14 104770016	+	C	5 chr14:104769348-104770420
## 595	chr14 104770017	+	C	5 chr14:104769348-104770420
## 596	chr14 104770018	+	C	5 chr14:104769348-104770420
## 597	chr14 104770019	+	G	5 chr14:104769348-104770420
## 598	chr14 104770020	+	G	5 chr14:104769348-104770420
## 599	chr14 104770021	+	C	5 chr14:104769348-104770420
## 600	chr14 104770022	+	C	5 chr14:104769348-104770420
## 601	chr14 104770023	+	C	5 chr14:104769348-104770420
## 602	chr14 104770024	+	C	5 chr14:104769348-104770420
## 603	chr14 104770025	+	C	5 chr14:104769348-104770420
## 604	chr14 104770026	+	C	5 chr14:104769348-104770420
## 605	chr14 104770027	+	A	5 chr14:104769348-104770420
## 606	chr14 104770028	+	A	6 chr14:104769348-104770420
## 607	chr14 104770029	+	T	7 chr14:104769348-104770420
## 608	chr14 104770030	+	G	7 chr14:104769348-104770420
## 609	chr14 104770031	+	C	10 chr14:104769348-104770420
## 610	chr14 104770032	+	C	10 chr14:104769348-104770420
## 611	chr14 104770033	+	A	10 chr14:104769348-104770420
## 612	chr14 104770034	+	C	12 chr14:104769348-104770420
## 613	chr14 104770035	+	A	12 chr14:104769348-104770420
## 614	chr14 104770036	+	T	12 chr14:104769348-104770420
## 615	chr14 104770037	+	T	12 chr14:104769348-104770420
## 616	chr14 104770038	+	G	13 chr14:104769348-104770420
## 617	chr14 104770039	+	C	14 chr14:104769348-104770420
## 618	chr14 104770040	+	G	16 chr14:104769348-104770420
## 619	chr14 104770041	+	A	1 chr14:104769348-104770420
## 620	chr14 104770041	+	C	15 chr14:104769348-104770420
## 621	chr14 104770042	+	A	16 chr14:104769348-104770420
## 622	chr14 104770043	+	T	14 chr14:104769348-104770420
## 623	chr14 104770044	+	A	14 chr14:104769348-104770420
## 624	chr14 104770045	+	G	14 chr14:104769348-104770420
## 625	chr14 104770046	+	C	14 chr14:104769348-104770420
## 626	chr14 104770047	+	T	14 chr14:104769348-104770420
## 627	chr14 104770048	+	G	15 chr14:104769348-104770420
## 628	chr14 104770049	+	C	16 chr14:104769348-104770420
## 629	chr14 104770050	+	A	17 chr14:104769348-104770420
## 630	chr14 104770051	+	G	16 chr14:104769348-104770420
## 631	chr14 104770052	+	A	16 chr14:104769348-104770420
## 632	chr14 104770053	+	A	20 chr14:104769348-104770420
## 633	chr14 104770054	+	G	20 chr14:104769348-104770420

## 634	chr14 104770055	+	T	23	chr14:104769348-104770420
## 635	chr14 104770056	+	C	23	chr14:104769348-104770420
## 636	chr14 104770057	+	C	26	chr14:104769348-104770420
## 637	chr14 104770058	+	T	30	chr14:104769348-104770420
## 638	chr14 104770059	+	T	30	chr14:104769348-104770420
## 639	chr14 104770060	+	A	31	chr14:104769348-104770420
## 640	chr14 104770061	+	A	33	chr14:104769348-104770420
## 641	chr14 104770062	+	C	33	chr14:104769348-104770420
## 642	chr14 104770063	+	A	33	chr14:104769348-104770420
## 643	chr14 104770064	+	T	31	chr14:104769348-104770420
## 644	chr14 104770065	+	T	32	chr14:104769348-104770420
## 645	chr14 104770066	+	T	32	chr14:104769348-104770420
## 646	chr14 104770067	+	C	32	chr14:104769348-104770420
## 647	chr14 104770068	+	C	32	chr14:104769348-104770420
## 648	chr14 104770069	+	C	32	chr14:104769348-104770420
## 649	chr14 104770070	+	T	32	chr14:104769348-104770420
## 650	chr14 104770071	+	A	33	chr14:104769348-104770420
## 651	chr14 104770072	+	C	38	chr14:104769348-104770420
## 652	chr14 104770073	+	G	41	chr14:104769348-104770420
## 653	chr14 104770074	+	T	48	chr14:104769348-104770420
## 654	chr14 104770075	+	G	49	chr14:104769348-104770420
## 655	chr14 104770076	+	A	52	chr14:104769348-104770420
## 656	chr14 104770077	+	A	52	chr14:104769348-104770420
## 657	chr14 104770078	+	T	53	chr14:104769348-104770420
## 658	chr14 104770079	+	C	53	chr14:104769348-104770420
## 659	chr14 104770080	+	G	54	chr14:104769348-104770420
## 660	chr14 104770081	+	G	59	chr14:104769348-104770420
## 661	chr14 104770082	+	A	59	chr14:104769348-104770420
## 662	chr14 104770083	+	T	64	chr14:104769348-104770420
## 663	chr14 104770084	+	T	64	chr14:104769348-104770420
## 664	chr14 104770085	+	G	64	chr14:104769348-104770420
## 665	chr14 104770086	+	T	70	chr14:104769348-104770420
## 666	chr14 104770087	+	T	70	chr14:104769348-104770420
## 667	chr14 104770088	+	C	70	chr14:104769348-104770420
## 668	chr14 104770089	+	T	70	chr14:104769348-104770420
## 669	chr14 104770090	+	G	72	chr14:104769348-104770420
## 670	chr14 104770091	+	A	72	chr14:104769348-104770420
## 671	chr14 104770091	+	T	1	chr14:104769348-104770420
## 672	chr14 104770092	+	G	78	chr14:104769348-104770420
## 673	chr14 104770093	+	G	84	chr14:104769348-104770420
## 674	chr14 104770094	+	G	89	chr14:104769348-104770420
## 675	chr14 104770095	+	C	95	chr14:104769348-104770420
## 676	chr14 104770096	+	T	95	chr14:104769348-104770420
## 677	chr14 104770097	+	G	97	chr14:104769348-104770420
## 678	chr14 104770098	+	A	98	chr14:104769348-104770420
## 679	chr14 104770099	+	G	100	chr14:104769348-104770420
## 680	chr14 104770100	+	G	104	chr14:104769348-104770420
## 681	chr14 104770101	+	C	104	chr14:104769348-104770420
## 682	chr14 104770102	+	C	104	chr14:104769348-104770420
## 683	chr14 104770103	+	A	102	chr14:104769348-104770420
## 684	chr14 104770104	+	C	105	chr14:104769348-104770420
## 685	chr14 104770105	+	A	104	chr14:104769348-104770420
## 686	chr14 104770106	+	C	102	chr14:104769348-104770420
## 687	chr14 104770107	+	C	102	chr14:104769348-104770420

## 688	chr14 104770108	+	C	105	chr14:104769348-104770420
## 689	chr14 104770109	+	G	106	chr14:104769348-104770420
## 690	chr14 104770110	+	G	108	chr14:104769348-104770420
## 691	chr14 104770111	+	A	110	chr14:104769348-104770420
## 692	chr14 104770112	+	G	113	chr14:104769348-104770420
## 693	chr14 104770113	+	A	121	chr14:104769348-104770420
## 694	chr14 104770114	+	A	126	chr14:104769348-104770420
## 695	chr14 104770115	+	C	126	chr14:104769348-104770420
## 696	chr14 104770116	+	A	128	chr14:104769348-104770420
## 697	chr14 104770117	+	A	130	chr14:104769348-104770420
## 698	chr14 104770118	+	A	134	chr14:104769348-104770420
## 699	chr14 104770119	+	C	140	chr14:104769348-104770420
## 700	chr14 104770120	+	T	141	chr14:104769348-104770420
## 701	chr14 104770121	+	-	1	chr14:104769348-104770420
## 702	chr14 104770121	+	G	146	chr14:104769348-104770420
## 703	chr14 104770122	+	G	148	chr14:104769348-104770420
## 704	chr14 104770123	+	A	151	chr14:104769348-104770420
## 705	chr14 104770124	+	T	162	chr14:104769348-104770420
## 706	chr14 104770125	+	G	165	chr14:104769348-104770420
## 707	chr14 104770126	+	A	176	chr14:104769348-104770420
## 708	chr14 104770127	+	A	183	chr14:104769348-104770420
## 709	chr14 104770128	+	A	191	chr14:104769348-104770420
## 710	chr14 104770129	+	T	199	chr14:104769348-104770420
## 711	chr14 104770130	+	A	198	chr14:104769348-104770420
## 712	chr14 104770131	+	A	199	chr14:104769348-104770420
## 713	chr14 104770132	+	A	200	chr14:104769348-104770420
## 714	chr14 104770133	+	T	200	chr14:104769348-104770420
## 715	chr14 104770134	+	T	209	chr14:104769348-104770420
## 716	chr14 104770135	+	A	210	chr14:104769348-104770420
## 717	chr14 104770136	+	A	217	chr14:104769348-104770420
## 718	chr14 104770137	+	A	222	chr14:104769348-104770420
## 719	chr14 104770138	+	A	233	chr14:104769348-104770420
## 720	chr14 104770138	+	G	1	chr14:104769348-104770420
## 721	chr14 104770139	+	C	251	chr14:104769348-104770420
## 722	chr14 104770140	+	C	251	chr14:104769348-104770420
## 723	chr14 104770141	+	C	251	chr14:104769348-104770420
## 724	chr14 104770141	+	T	1	chr14:104769348-104770420
## 725	chr14 104770142	+	C	1	chr14:104769348-104770420
## 726	chr14 104770142	+	G	252	chr14:104769348-104770420
## 727	chr14 104770143	+	C	254	chr14:104769348-104770420
## 728	chr14 104770144	+	A	255	chr14:104769348-104770420
## 729	chr14 104770145	+	G	256	chr14:104769348-104770420
## 730	chr14 104770146	+	G	256	chr14:104769348-104770420
## 731	chr14 104770147	+	A	251	chr14:104769348-104770420
## 732	chr14 104770147	+	T	1	chr14:104769348-104770420
## 733	chr14 104770148	+	T	250	chr14:104769348-104770420
## 734	chr14 104770149	+	A	244	chr14:104769348-104770420
## 735	chr14 104770150	+	G	249	chr14:104769348-104770420
## 736	chr14 104770150	+	T	1	chr14:104769348-104770420
## 737	chr14 104770151	+	T	248	chr14:104769348-104770420
## 738	chr14 104770152	+	T	251	chr14:104769348-104770420
## 739	chr14 104770153	+	T	251	chr14:104769348-104770420
## 740	chr14 104770154	+	T	251	chr14:104769348-104770420
## 741	chr14 104770155	+	C	249	chr14:104769348-104770420

## 742	chr14 104770155	+	T	3	chr14:104769348-104770420
## 743	chr14 104770156	+	T	247	chr14:104769348-104770420
## 744	chr14 104770157	+	T	248	chr14:104769348-104770420
## 745	chr14 104770158	+	C	243	chr14:104769348-104770420
## 746	chr14 104770159	+	C	247	chr14:104769348-104770420
## 747	chr14 104770160	+	C	251	chr14:104769348-104770420
## 748	chr14 104770161	+	T	246	chr14:104769348-104770420
## 749	chr14 104770162	+	A	251	chr14:104769348-104770420
## 750	chr14 104770163	+	C	252	chr14:104769348-104770420
## 751	chr14 104770164	+	C	253	chr14:104769348-104770420
## 752	chr14 104770165	+	C	252	chr14:104769348-104770420
## 753	chr14 104770166	+	C	251	chr14:104769348-104770420
## 754	chr14 104770166	+	T	1	chr14:104769348-104770420
## 755	chr14 104770167	+	G	248	chr14:104769348-104770420
## 756	chr14 104770168	+	C	245	chr14:104769348-104770420
## 757	chr14 104770169	+	T	246	chr14:104769348-104770420
## 758	chr14 104770170	+	G	245	chr14:104769348-104770420
## 759	chr14 104770171	+	C	248	chr14:104769348-104770420
## 760	chr14 104770171	+	T	3	chr14:104769348-104770420
## 761	chr14 104770172	+	G	250	chr14:104769348-104770420
## 762	chr14 104770173	+	G	250	chr14:104769348-104770420
## 763	chr14 104770174	+	G	248	chr14:104769348-104770420
## 764	chr14 104770174	+	T	1	chr14:104769348-104770420
## 765	chr14 104770175	+	G	247	chr14:104769348-104770420
## 766	chr14 104770176	+	G	251	chr14:104769348-104770420
## 767	chr14 104770177	+	A	252	chr14:104769348-104770420
## 768	chr14 104770178	+	G	253	chr14:104769348-104770420
## 769	chr14 104770179	+	G	250	chr14:104769348-104770420
## 770	chr14 104770180	+	G	251	chr14:104769348-104770420
## 771	chr14 104770181	+	T	252	chr14:104769348-104770420
## 772	chr14 104770182	+	G	253	chr14:104769348-104770420
## 773	chr14 104770183	+	C	251	chr14:104769348-104770420
## 774	chr14 104770184	+	T	249	chr14:104769348-104770420
## 775	chr14 104770185	+	G	249	chr14:104769348-104770420
## 776	chr14 104770186	+	C	249	chr14:104769348-104770420
## 777	chr14 104770187	+	C	247	chr14:104769348-104770420
## 778	chr14 104770188	+	C	241	chr14:104769348-104770420
## 779	chr14 104770189	+	A	239	chr14:104769348-104770420
## 780	chr14 104770190	+	C	248	chr14:104769348-104770420
## 781	chr14 104770190	+	T	1	chr14:104769348-104770420
## 782	chr14 104770191	+	A	249	chr14:104769348-104770420
## 783	chr14 104770192	+	G	248	chr14:104769348-104770420
## 784	chr14 104770192	+	T	1	chr14:104769348-104770420
## 785	chr14 104770193	+	A	1	chr14:104769348-104770420
## 786	chr14 104770193	+	C	246	chr14:104769348-104770420
## 787	chr14 104770194	+	A	245	chr14:104769348-104770420
## 788	chr14 104770195	+	C	250	chr14:104769348-104770420
## 789	chr14 104770196	+	A	245	chr14:104769348-104770420
## 790	chr14 104770197	+	A	246	chr14:104769348-104770420
## 791	chr14 104770197	-	A	1	chr14:104769348-104770420
## 792	chr14 104770198	+	A	245	chr14:104769348-104770420
## 793	chr14 104770198	-	A	1	chr14:104769348-104770420
## 794	chr14 104770199	+	A	239	chr14:104769348-104770420
## 795	chr14 104770199	-	A	1	chr14:104769348-104770420

## 796	chr14 104770200	+	A	244	chr14:104769348-104770420
## 797	chr14 104770200	-	A	2	chr14:104769348-104770420
## 798	chr14 104770201	+	C	239	chr14:104769348-104770420
## 799	chr14 104770201	-	C	2	chr14:104769348-104770420
## 800	chr14 104770202	+	G	231	chr14:104769348-104770420
## 801	chr14 104770202	-	G	3	chr14:104769348-104770420
## 802	chr14 104770203	+	T	238	chr14:104769348-104770420
## 803	chr14 104770203	-	T	3	chr14:104769348-104770420
## 804	chr14 104770204	+	C	241	chr14:104769348-104770420
## 805	chr14 104770204	-	C	3	chr14:104769348-104770420
## 806	chr14 104770205	+	T	246	chr14:104769348-104770420
## 807	chr14 104770205	-	T	3	chr14:104769348-104770420
## 808	chr14 104770206	+	T	247	chr14:104769348-104770420
## 809	chr14 104770206	-	T	3	chr14:104769348-104770420
## 810	chr14 104770207	+	T	243	chr14:104769348-104770420
## 811	chr14 104770207	-	T	3	chr14:104769348-104770420
## 812	chr14 104770208	+	C	245	chr14:104769348-104770420
## 813	chr14 104770208	-	C	3	chr14:104769348-104770420
## 814	chr14 104770209	+	C	239	chr14:104769348-104770420
## 815	chr14 104770209	-	C	3	chr14:104769348-104770420
## 816	chr14 104770210	+	A	245	chr14:104769348-104770420
## 817	chr14 104770210	-	A	3	chr14:104769348-104770420
## 818	chr14 104770211	+	T	240	chr14:104769348-104770420
## 819	chr14 104770211	-	T	3	chr14:104769348-104770420
## 820	chr14 104770212	+	C	242	chr14:104769348-104770420
## 821	chr14 104770212	-	C	3	chr14:104769348-104770420
## 822	chr14 104770213	+	T	238	chr14:104769348-104770420
## 823	chr14 104770213	-	T	3	chr14:104769348-104770420
## 824	chr14 104770214	+	G	231	chr14:104769348-104770420
## 825	chr14 104770214	-	G	3	chr14:104769348-104770420
## 826	chr14 104770215	+	G	247	chr14:104769348-104770420
## 827	chr14 104770215	-	G	3	chr14:104769348-104770420
## 828	chr14 104770216	+	G	247	chr14:104769348-104770420
## 829	chr14 104770216	-	G	3	chr14:104769348-104770420
## 830	chr14 104770217	+	C	244	chr14:104769348-104770420
## 831	chr14 104770217	-	C	3	chr14:104769348-104770420
## 832	chr14 104770217	+	T	3	chr14:104769348-104770420
## 833	chr14 104770218	+	T	246	chr14:104769348-104770420
## 834	chr14 104770218	-	T	3	chr14:104769348-104770420
## 835	chr14 104770219	+	C	244	chr14:104769348-104770420
## 836	chr14 104770219	-	C	3	chr14:104769348-104770420
## 837	chr14 104770219	+	T	3	chr14:104769348-104770420
## 838	chr14 104770220	+	G	247	chr14:104769348-104770420
## 839	chr14 104770220	-	G	3	chr14:104769348-104770420
## 840	chr14 104770221	+	A	247	chr14:104769348-104770420
## 841	chr14 104770221	-	A	3	chr14:104769348-104770420
## 842	chr14 104770222	+	C	3	chr14:104769348-104770420
## 843	chr14 104770222	+	G	244	chr14:104769348-104770420
## 844	chr14 104770222	-	G	3	chr14:104769348-104770420
## 845	chr14 104770223	+	A	247	chr14:104769348-104770420
## 846	chr14 104770223	-	A	3	chr14:104769348-104770420
## 847	chr14 104770224	+	G	247	chr14:104769348-104770420
## 848	chr14 104770224	-	G	3	chr14:104769348-104770420
## 849	chr14 104770225	+	G	240	chr14:104769348-104770420

## 850	chr14 104770225	-	G	3	chr14:104769348-104770420
## 851	chr14 104770225	+	T	1	chr14:104769348-104770420
## 852	chr14 104770226	+	A	246	chr14:104769348-104770420
## 853	chr14 104770226	-	A	3	chr14:104769348-104770420
## 854	chr14 104770227	+	C	246	chr14:104769348-104770420
## 855	chr14 104770227	-	C	3	chr14:104769348-104770420
## 856	chr14 104770228	+	A	247	chr14:104769348-104770420
## 857	chr14 104770228	-	A	3	chr14:104769348-104770420
## 858	chr14 104770229	+	G	248	chr14:104769348-104770420
## 859	chr14 104770229	-	G	3	chr14:104769348-104770420
## 860	chr14 104770230	+	C	248	chr14:104769348-104770420
## 861	chr14 104770230	-	C	3	chr14:104769348-104770420
## 862	chr14 104770231	+	G	248	chr14:104769348-104770420
## 863	chr14 104770231	-	G	3	chr14:104769348-104770420
## 864	chr14 104770232	+	T	248	chr14:104769348-104770420
## 865	chr14 104770232	-	T	3	chr14:104769348-104770420
## 866	chr14 104770233	+	C	1	chr14:104769348-104770420
## 867	chr14 104770233	+	G	248	chr14:104769348-104770420
## 868	chr14 104770233	-	G	3	chr14:104769348-104770420
## 869	chr14 104770234	+	G	246	chr14:104769348-104770420
## 870	chr14 104770234	-	G	3	chr14:104769348-104770420
## 871	chr14 104770235	+	C	244	chr14:104769348-104770420
## 872	chr14 104770235	-	C	3	chr14:104769348-104770420
## 873	chr14 104770236	+	T	247	chr14:104769348-104770420
## 874	chr14 104770236	-	T	3	chr14:104769348-104770420
## 875	chr14 104770237	+	T	244	chr14:104769348-104770420
## 876	chr14 104770237	-	T	3	chr14:104769348-104770420
## 877	chr14 104770238	+	C	247	chr14:104769348-104770420
## 878	chr14 104770238	-	C	3	chr14:104769348-104770420
## 879	chr14 104770239	+	T	247	chr14:104769348-104770420
## 880	chr14 104770239	-	T	3	chr14:104769348-104770420
## 881	chr14 104770240	+	C	247	chr14:104769348-104770420
## 882	chr14 104770240	-	C	3	chr14:104769348-104770420
## 883	chr14 104770241	+	T	247	chr14:104769348-104770420
## 884	chr14 104770241	-	T	3	chr14:104769348-104770420
## 885	chr14 104770242	+	C	247	chr14:104769348-104770420
## 886	chr14 104770242	-	C	3	chr14:104769348-104770420
## 887	chr14 104770243	+	A	245	chr14:104769348-104770420
## 888	chr14 104770243	-	A	3	chr14:104769348-104770420
## 889	chr14 104770244	+	A	242	chr14:104769348-104770420
## 890	chr14 104770244	-	A	3	chr14:104769348-104770420
## 891	chr14 104770245	+	A	242	chr14:104769348-104770420
## 892	chr14 104770245	-	A	3	chr14:104769348-104770420
## 893	chr14 104770245	+	T	1	chr14:104769348-104770420
## 894	chr14 104770246	+	A	1	chr14:104769348-104770420
## 895	chr14 104770246	+	T	241	chr14:104769348-104770420
## 896	chr14 104770246	-	T	3	chr14:104769348-104770420
## 897	chr14 104770247	+	G	247	chr14:104769348-104770420
## 898	chr14 104770247	-	G	3	chr14:104769348-104770420
## 899	chr14 104770248	+	C	247	chr14:104769348-104770420
## 900	chr14 104770248	-	C	3	chr14:104769348-104770420
## 901	chr14 104770249	+	A	244	chr14:104769348-104770420
## 902	chr14 104770249	-	A	3	chr14:104769348-104770420
## 903	chr14 104770250	+	C	247	chr14:104769348-104770420

## 904	chr14 104770250	-	C	3	chr14:104769348-104770420
## 905	chr14 104770250	+	T	1	chr14:104769348-104770420
## 906	chr14 104770251	+	C	245	chr14:104769348-104770420
## 907	chr14 104770251	-	C	3	chr14:104769348-104770420
## 908	chr14 104770252	+	C	246	chr14:104769348-104770420
## 909	chr14 104770252	-	C	3	chr14:104769348-104770420
## 910	chr14 104770252	+	T	1	chr14:104769348-104770420
## 911	chr14 104770253	+	A	1	chr14:104769348-104770420
## 912	chr14 104770253	+	G	246	chr14:104769348-104770420
## 913	chr14 104770253	-	G	3	chr14:104769348-104770420
## 914	chr14 104770254	+	A	247	chr14:104769348-104770420
## 915	chr14 104770254	-	A	3	chr14:104769348-104770420
## 916	chr14 104770255	+	G	247	chr14:104769348-104770420
## 917	chr14 104770255	-	G	3	chr14:104769348-104770420
## 918	chr14 104770256	+	A	247	chr14:104769348-104770420
## 919	chr14 104770256	-	A	3	chr14:104769348-104770420
## 920	chr14 104770257	+	A	247	chr14:104769348-104770420
## 921	chr14 104770257	-	A	3	chr14:104769348-104770420
## 922	chr14 104770258	+	A	247	chr14:104769348-104770420
## 923	chr14 104770258	-	A	3	chr14:104769348-104770420
## 924	chr14 104770259	+	T	247	chr14:104769348-104770420
## 925	chr14 104770259	-	T	3	chr14:104769348-104770420
## 926	chr14 104770260	+	A	246	chr14:104769348-104770420
## 927	chr14 104770260	-	A	3	chr14:104769348-104770420
## 928	chr14 104770261	+	A	246	chr14:104769348-104770420
## 929	chr14 104770261	-	A	3	chr14:104769348-104770420
## 930	chr14 104770262	+	A	246	chr14:104769348-104770420
## 931	chr14 104770262	-	A	3	chr14:104769348-104770420
## 932	chr14 104770263	+	A	244	chr14:104769348-104770420
## 933	chr14 104770263	-	A	3	chr14:104769348-104770420
## 934	chr14 104770264	+	A	244	chr14:104769348-104770420
## 935	chr14 104770264	-	A	3	chr14:104769348-104770420
## 936	chr14 104770264	+	T	1	chr14:104769348-104770420
## 937	chr14 104770265	+	C	235	chr14:104769348-104770420
## 938	chr14 104770265	-	C	3	chr14:104769348-104770420
## 939	chr14 104770265	+	G	1	chr14:104769348-104770420
## 940	chr14 104770266	+	C	240	chr14:104769348-104770420
## 941	chr14 104770266	-	C	9	chr14:104769348-104770420
## 942	chr14 104770267	+	A	240	chr14:104769348-104770420
## 943	chr14 104770267	-	A	9	chr14:104769348-104770420
## 944	chr14 104770268	+	T	240	chr14:104769348-104770420
## 945	chr14 104770268	-	T	9	chr14:104769348-104770420
## 946	chr14 104770269	+	C	1	chr14:104769348-104770420
## 947	chr14 104770269	+	T	237	chr14:104769348-104770420
## 948	chr14 104770269	-	T	9	chr14:104769348-104770420
## 949	chr14 104770270	+	A	236	chr14:104769348-104770420
## 950	chr14 104770270	-	A	9	chr14:104769348-104770420
## 951	chr14 104770271	+	A	241	chr14:104769348-104770420
## 952	chr14 104770271	-	A	9	chr14:104769348-104770420
## 953	chr14 104770272	+	A	239	chr14:104769348-104770420
## 954	chr14 104770272	-	A	8	chr14:104769348-104770420
## 955	chr14 104770273	+	T	239	chr14:104769348-104770420
## 956	chr14 104770273	-	T	8	chr14:104769348-104770420
## 957	chr14 104770274	+	A	236	chr14:104769348-104770420

## 958	chr14 104770274	-	A	9	chr14:104769348-104770420
## 959	chr14 104770275	+	C	232	chr14:104769348-104770420
## 960	chr14 104770275	-	C	8	chr14:104769348-104770420
## 961	chr14 104770276	+	A	236	chr14:104769348-104770420
## 962	chr14 104770276	-	A	10	chr14:104769348-104770420
## 963	chr14 104770277	+	G	240	chr14:104769348-104770420
## 964	chr14 104770277	-	G	9	chr14:104769348-104770420
## 965	chr14 104770278	+	A	224	chr14:104769348-104770420
## 966	chr14 104770278	-	A	9	chr14:104769348-104770420
## 967	chr14 104770279	+	A	1	chr14:104769348-104770420
## 968	chr14 104770279	+	T	231	chr14:104769348-104770420
## 969	chr14 104770279	-	T	11	chr14:104769348-104770420
## 970	chr14 104770280	+	C	232	chr14:104769348-104770420
## 971	chr14 104770280	-	C	12	chr14:104769348-104770420
## 972	chr14 104770281	+	A	237	chr14:104769348-104770420
## 973	chr14 104770281	-	A	12	chr14:104769348-104770420
## 974	chr14 104770282	+	T	238	chr14:104769348-104770420
## 975	chr14 104770282	-	T	12	chr14:104769348-104770420
## 976	chr14 104770283	+	G	234	chr14:104769348-104770420
## 977	chr14 104770283	-	G	12	chr14:104769348-104770420
## 978	chr14 104770284	+	A	1	chr14:104769348-104770420
## 979	chr14 104770284	+	G	234	chr14:104769348-104770420
## 980	chr14 104770284	-	G	13	chr14:104769348-104770420
## 981	chr14 104770285	+	C	229	chr14:104769348-104770420
## 982	chr14 104770285	-	C	13	chr14:104769348-104770420
## 983	chr14 104770286	+	A	233	chr14:104769348-104770420
## 984	chr14 104770286	-	A	13	chr14:104769348-104770420
## 985	chr14 104770286	+	G	1	chr14:104769348-104770420
## 986	chr14 104770286	+	T	1	chr14:104769348-104770420
## 987	chr14 104770287	+	C	231	chr14:104769348-104770420
## 988	chr14 104770287	-	C	13	chr14:104769348-104770420
## 989	chr14 104770288	+	G	232	chr14:104769348-104770420
## 990	chr14 104770288	-	G	13	chr14:104769348-104770420
## 991	chr14 104770289	+	A	224	chr14:104769348-104770420
## 992	chr14 104770289	-	A	13	chr14:104769348-104770420
## 993	chr14 104770289	+	G	1	chr14:104769348-104770420
## 994	chr14 104770289	+	T	1	chr14:104769348-104770420
## 995	chr14 104770290	+	G	218	chr14:104769348-104770420
## 996	chr14 104770290	-	G	18	chr14:104769348-104770420
## 997	chr14 104770291	+	G	221	chr14:104769348-104770420
## 998	chr14 104770291	-	G	29	chr14:104769348-104770420
## 999	chr14 104770292	+	C	221	chr14:104769348-104770420
## 1000	chr14 104770292	-	C	29	chr14:104769348-104770420
## 1001	chr14 104770293	+	C	220	chr14:104769348-104770420
## 1002	chr14 104770293	-	C	29	chr14:104769348-104770420
## 1003	chr14 104770293	+	T	1	chr14:104769348-104770420
## 1004	chr14 104770294	+	G	219	chr14:104769348-104770420
## 1005	chr14 104770294	-	G	29	chr14:104769348-104770420
## 1006	chr14 104770295	+	C	221	chr14:104769348-104770420
## 1007	chr14 104770295	-	C	29	chr14:104769348-104770420
## 1008	chr14 104770296	+	C	221	chr14:104769348-104770420
## 1009	chr14 104770296	-	C	29	chr14:104769348-104770420
## 1010	chr14 104770297	+	T	221	chr14:104769348-104770420
## 1011	chr14 104770297	-	T	29	chr14:104769348-104770420

## 1012	chr14	104770298	+	C	221	chr14:104769348-104770420
## 1013	chr14	104770298	-	C	29	chr14:104769348-104770420
## 1014	chr14	104770299	+	A	1	chr14:104769348-104770420
## 1015	chr14	104770299	+	T	220	chr14:104769348-104770420
## 1016	chr14	104770299	-	T	29	chr14:104769348-104770420
## 1017	chr14	104770300	+	C	221	chr14:104769348-104770420
## 1018	chr14	104770300	-	C	29	chr14:104769348-104770420
## 1019	chr14	104770301	+	C	216	chr14:104769348-104770420
## 1020	chr14	104770301	-	C	29	chr14:104769348-104770420
## 1021	chr14	104770302	+	A	220	chr14:104769348-104770420
## 1022	chr14	104770302	-	A	29	chr14:104769348-104770420
## 1023	chr14	104770303	+	T	220	chr14:104769348-104770420
## 1024	chr14	104770303	-	T	29	chr14:104769348-104770420
## 1025	chr14	104770304	+	C	221	chr14:104769348-104770420
## 1026	chr14	104770304	-	C	29	chr14:104769348-104770420
## 1027	chr14	104770305	+	C	221	chr14:104769348-104770420
## 1028	chr14	104770305	-	C	29	chr14:104769348-104770420
## 1029	chr14	104770306	+	C	221	chr14:104769348-104770420
## 1030	chr14	104770306	-	C	29	chr14:104769348-104770420
## 1031	chr14	104770307	+	T	221	chr14:104769348-104770420
## 1032	chr14	104770307	-	T	29	chr14:104769348-104770420
## 1033	chr14	104770308	+	C	221	chr14:104769348-104770420
## 1034	chr14	104770308	-	C	29	chr14:104769348-104770420
## 1035	chr14	104770309	+	C	221	chr14:104769348-104770420
## 1036	chr14	104770309	-	C	29	chr14:104769348-104770420
## 1037	chr14	104770310	+	A	220	chr14:104769348-104770420
## 1038	chr14	104770310	-	A	29	chr14:104769348-104770420
## 1039	chr14	104770311	+	A	218	chr14:104769348-104770420
## 1040	chr14	104770311	-	A	29	chr14:104769348-104770420
## 1041	chr14	104770312	+	G	218	chr14:104769348-104770420
## 1042	chr14	104770312	-	G	32	chr14:104769348-104770420
## 1043	chr14	104770313	+	C	215	chr14:104769348-104770420
## 1044	chr14	104770313	-	C	32	chr14:104769348-104770420
## 1045	chr14	104770314	+	T	219	chr14:104769348-104770420
## 1046	chr14	104770314	-	T	32	chr14:104769348-104770420
## 1047	chr14	104770315	+	A	218	chr14:104769348-104770420
## 1048	chr14	104770315	-	A	33	chr14:104769348-104770420
## 1049	chr14	104770316	+	T	218	chr14:104769348-104770420
## 1050	chr14	104770316	-	T	33	chr14:104769348-104770420
## 1051	chr14	104770317	+	C	216	chr14:104769348-104770420
## 1052	chr14	104770317	-	C	34	chr14:104769348-104770420
## 1053	chr14	104770318	+	G	216	chr14:104769348-104770420
## 1054	chr14	104770318	-	G	34	chr14:104769348-104770420
## 1055	chr14	104770319	+	T	213	chr14:104769348-104770420
## 1056	chr14	104770319	-	T	34	chr14:104769348-104770420
## 1057	chr14	104770320	+	C	211	chr14:104769348-104770420
## 1058	chr14	104770320	-	C	34	chr14:104769348-104770420
## 1059	chr14	104770321	+	C	208	chr14:104769348-104770420
## 1060	chr14	104770321	-	C	37	chr14:104769348-104770420
## 1061	chr14	104770322	+	A	209	chr14:104769348-104770420
## 1062	chr14	104770322	-	A	37	chr14:104769348-104770420
## 1063	chr14	104770323	+	G	210	chr14:104769348-104770420
## 1064	chr14	104770323	-	G	40	chr14:104769348-104770420
## 1065	chr14	104770324	+	C	210	chr14:104769348-104770420

## 1066	chr14	104770324	-	C	40	chr14:104769348-104770420
## 1067	chr14	104770325	+	G	207	chr14:104769348-104770420
## 1068	chr14	104770325	-	G	40	chr14:104769348-104770420
## 1069	chr14	104770326	+	C	210	chr14:104769348-104770420
## 1070	chr14	104770326	-	C	40	chr14:104769348-104770420
## 1071	chr14	104770327	+	A	208	chr14:104769348-104770420
## 1072	chr14	104770327	-	A	40	chr14:104769348-104770420
## 1073	chr14	104770328	+	A	1	chr14:104769348-104770420
## 1074	chr14	104770328	+	G	209	chr14:104769348-104770420
## 1075	chr14	104770328	-	G	40	chr14:104769348-104770420
## 1076	chr14	104770329	+	T	210	chr14:104769348-104770420
## 1077	chr14	104770329	-	T	40	chr14:104769348-104770420
## 1078	chr14	104770330	+	C	210	chr14:104769348-104770420
## 1079	chr14	104770330	-	C	40	chr14:104769348-104770420
## 1080	chr14	104770331	+	C	210	chr14:104769348-104770420
## 1081	chr14	104770331	-	C	40	chr14:104769348-104770420
## 1082	chr14	104770332	+	A	210	chr14:104769348-104770420
## 1083	chr14	104770332	-	A	41	chr14:104769348-104770420
## 1084	chr14	104770333	+	C	210	chr14:104769348-104770420
## 1085	chr14	104770333	-	C	41	chr14:104769348-104770420
## 1086	chr14	104770334	+	C	209	chr14:104769348-104770420
## 1087	chr14	104770334	-	C	42	chr14:104769348-104770420
## 1088	chr14	104770335	+	G	208	chr14:104769348-104770420
## 1089	chr14	104770335	-	G	42	chr14:104769348-104770420
## 1090	chr14	104770336	+	C	206	chr14:104769348-104770420
## 1091	chr14	104770336	-	C	43	chr14:104769348-104770420
## 1092	chr14	104770337	+	C	205	chr14:104769348-104770420
## 1093	chr14	104770337	-	C	42	chr14:104769348-104770420
## 1094	chr14	104770337	+	T	1	chr14:104769348-104770420
## 1095	chr14	104770337	-	T	1	chr14:104769348-104770420
## 1096	chr14	104770338	+	G	206	chr14:104769348-104770420
## 1097	chr14	104770338	-	G	43	chr14:104769348-104770420
## 1098	chr14	104770339	+	C	204	chr14:104769348-104770420
## 1099	chr14	104770339	-	C	43	chr14:104769348-104770420
## 1100	chr14	104770340	+	C	203	chr14:104769348-104770420
## 1101	chr14	104770340	-	C	45	chr14:104769348-104770420
## 1102	chr14	104770341	+	C	1	chr14:104769348-104770420
## 1103	chr14	104770341	+	T	196	chr14:104769348-104770420
## 1104	chr14	104770341	-	T	41	chr14:104769348-104770420
## 1105	chr14	104770342	+	C	202	chr14:104769348-104770420
## 1106	chr14	104770342	-	C	47	chr14:104769348-104770420
## 1107	chr14	104770343	+	A	201	chr14:104769348-104770420
## 1108	chr14	104770343	-	A	48	chr14:104769348-104770420
## 1109	chr14	104770344	+	G	201	chr14:104769348-104770420
## 1110	chr14	104770344	-	G	48	chr14:104769348-104770420
## 1111	chr14	104770345	-	A	1	chr14:104769348-104770420
## 1112	chr14	104770345	+	G	196	chr14:104769348-104770420
## 1113	chr14	104770345	-	G	49	chr14:104769348-104770420
## 1114	chr14	104770345	+	T	1	chr14:104769348-104770420
## 1115	chr14	104770346	+	A	1	chr14:104769348-104770420
## 1116	chr14	104770346	+	C	193	chr14:104769348-104770420
## 1117	chr14	104770346	-	C	51	chr14:104769348-104770420
## 1118	chr14	104770347	+	C	192	chr14:104769348-104770420
## 1119	chr14	104770347	-	C	56	chr14:104769348-104770420

## 1120	chr14 104770347	+	T	2	chr14:104769348-104770420
## 1121	chr14 104770348	+	G	191	chr14:104769348-104770420
## 1122	chr14 104770348	-	G	56	chr14:104769348-104770420
## 1123	chr14 104770349	+	T	192	chr14:104769348-104770420
## 1124	chr14 104770349	-	T	55	chr14:104769348-104770420
## 1125	chr14 104770350	+	G	187	chr14:104769348-104770420
## 1126	chr14 104770350	-	G	59	chr14:104769348-104770420
## 1127	chr14 104770351	+	C	178	chr14:104769348-104770420
## 1128	chr14 104770351	-	C	60	chr14:104769348-104770420
## 1129	chr14 104770351	+	T	2	chr14:104769348-104770420
## 1130	chr14 104770352	+	C	177	chr14:104769348-104770420
## 1131	chr14 104770352	-	C	63	chr14:104769348-104770420
## 1132	chr14 104770353	+	G	185	chr14:104769348-104770420
## 1133	chr14 104770353	-	G	64	chr14:104769348-104770420
## 1134	chr14 104770354	+	C	171	chr14:104769348-104770420
## 1135	chr14 104770354	-	C	62	chr14:104769348-104770420
## 1136	chr14 104770355	+	T	167	chr14:104769348-104770420
## 1137	chr14 104770355	-	T	76	chr14:104769348-104770420
## 1138	chr14 104770356	+	G	160	chr14:104769348-104770420
## 1139	chr14 104770356	-	G	84	chr14:104769348-104770420
## 1140	chr14 104770357	+	G	160	chr14:104769348-104770420
## 1141	chr14 104770357	-	G	88	chr14:104769348-104770420
## 1142	chr14 104770357	-	T	1	chr14:104769348-104770420
## 1143	chr14 104770358	+	C	159	chr14:104769348-104770420
## 1144	chr14 104770358	-	C	91	chr14:104769348-104770420
## 1145	chr14 104770359	+	C	155	chr14:104769348-104770420
## 1146	chr14 104770359	-	C	90	chr14:104769348-104770420
## 1147	chr14 104770359	+	T	1	chr14:104769348-104770420
## 1148	chr14 104770360	+	G	155	chr14:104769348-104770420
## 1149	chr14 104770360	-	G	92	chr14:104769348-104770420
## 1150	chr14 104770361	+	A	145	chr14:104769348-104770420
## 1151	chr14 104770361	-	A	96	chr14:104769348-104770420
## 1152	chr14 104770362	+	G	144	chr14:104769348-104770420
## 1153	chr14 104770362	-	G	106	chr14:104769348-104770420
## 1154	chr14 104770363	+	T	138	chr14:104769348-104770420
## 1155	chr14 104770363	-	T	106	chr14:104769348-104770420
## 1156	chr14 104770364	+	A	134	chr14:104769348-104770420
## 1157	chr14 104770364	-	A	111	chr14:104769348-104770420
## 1158	chr14 104770365	+	G	129	chr14:104769348-104770420
## 1159	chr14 104770365	-	G	111	chr14:104769348-104770420
## 1160	chr14 104770366	-	C	1	chr14:104769348-104770420
## 1161	chr14 104770366	+	G	130	chr14:104769348-104770420
## 1162	chr14 104770366	-	G	105	chr14:104769348-104770420
## 1163	chr14 104770367	+	A	128	chr14:104769348-104770420
## 1164	chr14 104770367	-	A	121	chr14:104769348-104770420
## 1165	chr14 104770368	+	G	128	chr14:104769348-104770420
## 1166	chr14 104770368	-	G	123	chr14:104769348-104770420
## 1167	chr14 104770369	+	A	127	chr14:104769348-104770420
## 1168	chr14 104770369	-	A	124	chr14:104769348-104770420
## 1169	chr14 104770370	+	A	124	chr14:104769348-104770420
## 1170	chr14 104770370	-	A	124	chr14:104769348-104770420
## 1171	chr14 104770370	-	C	1	chr14:104769348-104770420
## 1172	chr14 104770371	+	C	123	chr14:104769348-104770420
## 1173	chr14 104770371	-	C	127	chr14:104769348-104770420

## 1174	chr14 104770372	+	T 122	chr14:104769348-104770420
## 1175	chr14 104770372	-	T 128	chr14:104769348-104770420
## 1176	chr14 104770373	+	G 121	chr14:104769348-104770420
## 1177	chr14 104770373	-	G 129	chr14:104769348-104770420
## 1178	chr14 104770374	+	G 120	chr14:104769348-104770420
## 1179	chr14 104770374	-	G 129	chr14:104769348-104770420
## 1180	chr14 104770374	-	T 1	chr14:104769348-104770420
## 1181	chr14 104770375	+	G 119	chr14:104769348-104770420
## 1182	chr14 104770375	-	G 131	chr14:104769348-104770420
## 1183	chr14 104770376	+	G 118	chr14:104769348-104770420
## 1184	chr14 104770376	-	G 132	chr14:104769348-104770420
## 1185	chr14 104770377	+	G 112	chr14:104769348-104770420
## 1186	chr14 104770377	-	G 133	chr14:104769348-104770420
## 1187	chr14 104770378	+	A 109	chr14:104769348-104770420
## 1188	chr14 104770378	-	A 139	chr14:104769348-104770420
## 1189	chr14 104770378	+	G 1	chr14:104769348-104770420
## 1190	chr14 104770379	+	A 108	chr14:104769348-104770420
## 1191	chr14 104770379	-	A 141	chr14:104769348-104770420
## 1192	chr14 104770380	+	G 107	chr14:104769348-104770420
## 1193	chr14 104770380	-	G 143	chr14:104769348-104770420
## 1194	chr14 104770381	+	T 106	chr14:104769348-104770420
## 1195	chr14 104770381	-	T 144	chr14:104769348-104770420
## 1196	chr14 104770382	+	G 105	chr14:104769348-104770420
## 1197	chr14 104770382	-	G 145	chr14:104769348-104770420
## 1198	chr14 104770383	+	G 104	chr14:104769348-104770420
## 1199	chr14 104770383	-	G 146	chr14:104769348-104770420
## 1200	chr14 104770384	+	A 1	chr14:104769348-104770420
## 1201	chr14 104770384	+	G 103	chr14:104769348-104770420
## 1202	chr14 104770384	-	G 146	chr14:104769348-104770420
## 1203	chr14 104770385	+	G 103	chr14:104769348-104770420
## 1204	chr14 104770385	-	G 147	chr14:104769348-104770420
## 1205	chr14 104770386	+	C 101	chr14:104769348-104770420
## 1206	chr14 104770386	-	C 147	chr14:104769348-104770420
## 1207	chr14 104770387	+	C 101	chr14:104769348-104770420
## 1208	chr14 104770387	-	C 146	chr14:104769348-104770420
## 1209	chr14 104770388	+	T 100	chr14:104769348-104770420
## 1210	chr14 104770388	-	T 149	chr14:104769348-104770420
## 1211	chr14 104770389	+	G 96	chr14:104769348-104770420
## 1212	chr14 104770389	-	G 149	chr14:104769348-104770420
## 1213	chr14 104770390	+	C 98	chr14:104769348-104770420
## 1214	chr14 104770390	-	C 151	chr14:104769348-104770420
## 1215	chr14 104770391	+	G 97	chr14:104769348-104770420
## 1216	chr14 104770391	-	G 152	chr14:104769348-104770420
## 1217	chr14 104770392	+	C 97	chr14:104769348-104770420
## 1218	chr14 104770392	-	C 153	chr14:104769348-104770420
## 1219	chr14 104770392	-	G 1	chr14:104769348-104770420
## 1220	chr14 104770393	+	T 96	chr14:104769348-104770420
## 1221	chr14 104770393	-	T 155	chr14:104769348-104770420
## 1222	chr14 104770394	+	C 94	chr14:104769348-104770420
## 1223	chr14 104770394	-	C 156	chr14:104769348-104770420
## 1224	chr14 104770394	+	T 1	chr14:104769348-104770420
## 1225	chr14 104770395	+	G 91	chr14:104769348-104770420
## 1226	chr14 104770395	-	G 157	chr14:104769348-104770420
## 1227	chr14 104770396	+	C 88	chr14:104769348-104770420

## 1228	chr14 104770396	-	C	154	chr14:104769348-104770420
## 1229	chr14 104770397	+	T	83	chr14:104769348-104770420
## 1230	chr14 104770397	-	T	155	chr14:104769348-104770420
## 1231	chr14 104770398	+	G	81	chr14:104769348-104770420
## 1232	chr14 104770398	-	G	156	chr14:104769348-104770420
## 1233	chr14 104770399	+	T	82	chr14:104769348-104770420
## 1234	chr14 104770399	-	T	160	chr14:104769348-104770420
## 1235	chr14 104770400	+	C	81	chr14:104769348-104770420
## 1236	chr14 104770400	-	C	165	chr14:104769348-104770420
## 1237	chr14 104770401	+	A	1	chr14:104769348-104770420
## 1238	chr14 104770401	-	A	1	chr14:104769348-104770420
## 1239	chr14 104770401	+	C	80	chr14:104769348-104770420
## 1240	chr14 104770401	-	C	164	chr14:104769348-104770420
## 1241	chr14 104770402	+	A	79	chr14:104769348-104770420
## 1242	chr14 104770402	-	A	170	chr14:104769348-104770420
## 1243	chr14 104770403	+	C	79	chr14:104769348-104770420
## 1244	chr14 104770403	-	C	170	chr14:104769348-104770420
## 1245	chr14 104770404	+	A	77	chr14:104769348-104770420
## 1246	chr14 104770404	-	A	171	chr14:104769348-104770420
## 1247	chr14 104770404	-	G	1	chr14:104769348-104770420
## 1248	chr14 104770405	+	C	78	chr14:104769348-104770420
## 1249	chr14 104770405	-	C	173	chr14:104769348-104770420
## 1250	chr14 104770406	+	A	76	chr14:104769348-104770420
## 1251	chr14 104770406	-	A	174	chr14:104769348-104770420
## 1252	chr14 104770406	+	C	1	chr14:104769348-104770420
## 1253	chr14 104770407	+	C	78	chr14:104769348-104770420
## 1254	chr14 104770407	-	C	173	chr14:104769348-104770420
## 1255	chr14 104770408	+	T	77	chr14:104769348-104770420
## 1256	chr14 104770408	-	T	171	chr14:104769348-104770420
## 1257	chr14 104770409	+	C	77	chr14:104769348-104770420
## 1258	chr14 104770409	-	C	174	chr14:104769348-104770420
## 1259	chr14 104770410	+	C	77	chr14:104769348-104770420
## 1260	chr14 104770410	-	C	174	chr14:104769348-104770420
## 1261	chr14 104770411	+	A	77	chr14:104769348-104770420
## 1262	chr14 104770411	-	A	172	chr14:104769348-104770420
## 1263	chr14 104770412	+	T	75	chr14:104769348-104770420
## 1264	chr14 104770412	-	T	174	chr14:104769348-104770420
## 1265	chr14 104770413	-	A	1	chr14:104769348-104770420
## 1266	chr14 104770413	+	G	75	chr14:104769348-104770420
## 1267	chr14 104770413	-	G	173	chr14:104769348-104770420
## 1268	chr14 104770414	+	C	73	chr14:104769348-104770420
## 1269	chr14 104770414	-	C	174	chr14:104769348-104770420
## 1270	chr14 104770414	-	T	1	chr14:104769348-104770420
## 1271	chr14 104770415	+	T	72	chr14:104769348-104770420
## 1272	chr14 104770415	-	T	175	chr14:104769348-104770420
## 1273	chr14 104770416	+	G	71	chr14:104769348-104770420
## 1274	chr14 104770416	-	G	174	chr14:104769348-104770420
## 1275	chr14 104770417	+	T	65	chr14:104769348-104770420
## 1276	chr14 104770417	-	T	169	chr14:104769348-104770420
## 1277	chr14 104770418	+	C	64	chr14:104769348-104770420
## 1278	chr14 104770418	-	C	170	chr14:104769348-104770420
## 1279	chr14 104770419	+	A	63	chr14:104769348-104770420
## 1280	chr14 104770419	-	A	173	chr14:104769348-104770420
## 1281	chr14 104770420	+	T	63	chr14:104769348-104770420

## 1282	chr14	104770420	-	T	172	chr14:104769348-104770420
## 1283	chr14	104770744	+	A	1	chr14:104770744-104772452
## 1284	chr14	104770744	+	C	256	chr14:104770744-104772452
## 1285	chr14	104770744	-	C	50	chr14:104770744-104772452
## 1286	chr14	104770745	+	C	252	chr14:104770744-104772452
## 1287	chr14	104770745	-	C	50	chr14:104770744-104772452
## 1288	chr14	104770746	+	T	244	chr14:104770744-104772452
## 1289	chr14	104770746	-	T	50	chr14:104770744-104772452
## 1290	chr14	104770747	+	T	237	chr14:104770744-104772452
## 1291	chr14	104770747	-	T	49	chr14:104770744-104772452
## 1292	chr14	104770748	+	G	221	chr14:104770744-104772452
## 1293	chr14	104770748	-	G	43	chr14:104770744-104772452
## 1294	chr14	104770749	+	G	207	chr14:104770744-104772452
## 1295	chr14	104770749	-	G	41	chr14:104770744-104772452
## 1296	chr14	104770750	+	T	198	chr14:104770744-104772452
## 1297	chr14	104770750	-	T	41	chr14:104770744-104772452
## 1298	chr14	104770751	+	C	198	chr14:104770744-104772452
## 1299	chr14	104770751	-	C	40	chr14:104770744-104772452
## 1300	chr14	104770752	+	A	207	chr14:104770744-104772452
## 1301	chr14	104770752	-	A	37	chr14:104770744-104772452
## 1302	chr14	104770752	+	T	2	chr14:104770744-104772452
## 1303	chr14	104770753	+	G	202	chr14:104770744-104772452
## 1304	chr14	104770753	-	G	34	chr14:104770744-104772452
## 1305	chr14	104770754	+	G	208	chr14:104770744-104772452
## 1306	chr14	104770754	-	G	29	chr14:104770744-104772452
## 1307	chr14	104770755	+	A	2	chr14:104770744-104772452
## 1308	chr14	104770755	+	T	215	chr14:104770744-104772452
## 1309	chr14	104770755	-	T	29	chr14:104770744-104772452
## 1310	chr14	104770756	+	G	215	chr14:104770744-104772452
## 1311	chr14	104770756	-	G	26	chr14:104770744-104772452
## 1312	chr14	104770757	+	A	1	chr14:104770744-104772452
## 1313	chr14	104770757	+	G	211	chr14:104770744-104772452
## 1314	chr14	104770757	-	G	25	chr14:104770744-104772452
## 1315	chr14	104770758	+	T	222	chr14:104770744-104772452
## 1316	chr14	104770758	-	T	24	chr14:104770744-104772452
## 1317	chr14	104770759	+	G	222	chr14:104770744-104772452
## 1318	chr14	104770759	-	G	19	chr14:104770744-104772452
## 1319	chr14	104770760	+	T	221	chr14:104770744-104772452
## 1320	chr14	104770760	-	T	10	chr14:104770744-104772452
## 1321	chr14	104770761	+	G	214	chr14:104770744-104772452
## 1322	chr14	104770761	-	G	18	chr14:104770744-104772452
## 1323	chr14	104770762	+	A	215	chr14:104770744-104772452
## 1324	chr14	104770762	-	A	15	chr14:104770744-104772452
## 1325	chr14	104770763	+	A	1	chr14:104770744-104772452
## 1326	chr14	104770763	+	T	210	chr14:104770744-104772452
## 1327	chr14	104770763	-	T	15	chr14:104770744-104772452
## 1328	chr14	104770764	+	G	225	chr14:104770744-104772452
## 1329	chr14	104770764	-	G	25	chr14:104770744-104772452
## 1330	chr14	104770765	+	G	225	chr14:104770744-104772452
## 1331	chr14	104770765	-	G	25	chr14:104770744-104772452
## 1332	chr14	104770766	+	T	225	chr14:104770744-104772452
## 1333	chr14	104770766	-	T	25	chr14:104770744-104772452
## 1334	chr14	104770767	+	G	225	chr14:104770744-104772452
## 1335	chr14	104770767	-	G	25	chr14:104770744-104772452

## 1336	chr14 104770768	+	A	225	chr14:104770744-104772452
## 1337	chr14 104770768	-	A	25	chr14:104770744-104772452
## 1338	chr14 104770769	+	T	225	chr14:104770744-104772452
## 1339	chr14 104770769	-	T	25	chr14:104770744-104772452
## 1340	chr14 104770770	+	C	223	chr14:104770744-104772452
## 1341	chr14 104770770	-	C	25	chr14:104770744-104772452
## 1342	chr14 104770771	+	A	226	chr14:104770744-104772452
## 1343	chr14 104770771	-	A	24	chr14:104770744-104772452
## 1344	chr14 104770771	-	T	1	chr14:104770744-104772452
## 1345	chr14 104770772	+	T	226	chr14:104770744-104772452
## 1346	chr14 104770772	-	T	25	chr14:104770744-104772452
## 1347	chr14 104770773	+	C	226	chr14:104770744-104772452
## 1348	chr14 104770773	-	C	25	chr14:104770744-104772452
## 1349	chr14 104770774	+	T	226	chr14:104770744-104772452
## 1350	chr14 104770774	-	T	25	chr14:104770744-104772452
## 1351	chr14 104770775	+	G	225	chr14:104770744-104772452
## 1352	chr14 104770775	-	G	25	chr14:104770744-104772452
## 1353	chr14 104770775	+	T	1	chr14:104770744-104772452
## 1354	chr14 104770776	+	G	226	chr14:104770744-104772452
## 1355	chr14 104770776	-	G	25	chr14:104770744-104772452
## 1356	chr14 104770777	+	G	226	chr14:104770744-104772452
## 1357	chr14 104770777	-	G	25	chr14:104770744-104772452
## 1358	chr14 104770778	+	C	226	chr14:104770744-104772452
## 1359	chr14 104770778	-	C	25	chr14:104770744-104772452
## 1360	chr14 104770779	+	C	226	chr14:104770744-104772452
## 1361	chr14 104770779	-	C	25	chr14:104770744-104772452
## 1362	chr14 104770780	+	A	1	chr14:104770744-104772452
## 1363	chr14 104770780	+	G	225	chr14:104770744-104772452
## 1364	chr14 104770780	-	G	25	chr14:104770744-104772452
## 1365	chr14 104770781	-	G	1	chr14:104770744-104772452
## 1366	chr14 104770781	+	T	227	chr14:104770744-104772452
## 1367	chr14 104770781	-	T	24	chr14:104770744-104772452
## 1368	chr14 104770782	+	G	227	chr14:104770744-104772452
## 1369	chr14 104770782	-	G	25	chr14:104770744-104772452
## 1370	chr14 104770783	+	A	226	chr14:104770744-104772452
## 1371	chr14 104770783	-	A	25	chr14:104770744-104772452
## 1372	chr14 104770783	+	T	1	chr14:104770744-104772452
## 1373	chr14 104770784	+	A	227	chr14:104770744-104772452
## 1374	chr14 104770784	-	A	24	chr14:104770744-104772452
## 1375	chr14 104770784	-	C	1	chr14:104770744-104772452
## 1376	chr14 104770785	+	C	227	chr14:104770744-104772452
## 1377	chr14 104770785	-	C	25	chr14:104770744-104772452
## 1378	chr14 104770786	+	T	227	chr14:104770744-104772452
## 1379	chr14 104770786	-	T	25	chr14:104770744-104772452
## 1380	chr14 104770787	+	C	227	chr14:104770744-104772452
## 1381	chr14 104770787	-	C	25	chr14:104770744-104772452
## 1382	chr14 104770788	+	C	225	chr14:104770744-104772452
## 1383	chr14 104770788	-	C	25	chr14:104770744-104772452
## 1384	chr14 104770788	+	T	2	chr14:104770744-104772452
## 1385	chr14 104770789	+	G	1	chr14:104770744-104772452
## 1386	chr14 104770789	+	T	226	chr14:104770744-104772452
## 1387	chr14 104770789	-	T	25	chr14:104770744-104772452
## 1388	chr14 104770790	+	C	227	chr14:104770744-104772452
## 1389	chr14 104770790	-	C	24	chr14:104770744-104772452

## 1390	chr14 104770791	+	A	227	chr14:104770744-104772452
## 1391	chr14 104770791	-	A	24	chr14:104770744-104772452
## 1392	chr14 104770792	+	T	227	chr14:104770744-104772452
## 1393	chr14 104770792	-	T	24	chr14:104770744-104772452
## 1394	chr14 104770793	+	C	226	chr14:104770744-104772452
## 1395	chr14 104770793	-	C	24	chr14:104770744-104772452
## 1396	chr14 104770794	+	A	226	chr14:104770744-104772452
## 1397	chr14 104770794	-	A	24	chr14:104770744-104772452
## 1398	chr14 104770795	+	A	226	chr14:104770744-104772452
## 1399	chr14 104770795	-	A	24	chr14:104770744-104772452
## 1400	chr14 104770796	+	A	226	chr14:104770744-104772452
## 1401	chr14 104770796	-	A	24	chr14:104770744-104772452
## 1402	chr14 104770797	+	A	226	chr14:104770744-104772452
## 1403	chr14 104770797	-	A	24	chr14:104770744-104772452
## 1404	chr14 104770798	+	T	226	chr14:104770744-104772452
## 1405	chr14 104770798	-	T	24	chr14:104770744-104772452
## 1406	chr14 104770799	+	A	225	chr14:104770744-104772452
## 1407	chr14 104770799	-	A	24	chr14:104770744-104772452
## 1408	chr14 104770799	+	G	1	chr14:104770744-104772452
## 1409	chr14 104770800	+	C	227	chr14:104770744-104772452
## 1410	chr14 104770800	-	C	24	chr14:104770744-104772452
## 1411	chr14 104770801	+	A	1	chr14:104770744-104772452
## 1412	chr14 104770801	+	C	226	chr14:104770744-104772452
## 1413	chr14 104770801	-	C	24	chr14:104770744-104772452
## 1414	chr14 104770802	+	A	1	chr14:104770744-104772452
## 1415	chr14 104770802	+	T	226	chr14:104770744-104772452
## 1416	chr14 104770802	-	T	24	chr14:104770744-104772452
## 1417	chr14 104770803	+	G	225	chr14:104770744-104772452
## 1418	chr14 104770803	-	G	24	chr14:104770744-104772452
## 1419	chr14 104770804	+	G	226	chr14:104770744-104772452
## 1420	chr14 104770804	-	G	24	chr14:104770744-104772452
## 1421	chr14 104770805	+	T	226	chr14:104770744-104772452
## 1422	chr14 104770805	-	T	24	chr14:104770744-104772452
## 1423	chr14 104770806	+	G	226	chr14:104770744-104772452
## 1424	chr14 104770806	-	G	24	chr14:104770744-104772452
## 1425	chr14 104770807	+	T	226	chr14:104770744-104772452
## 1426	chr14 104770807	-	T	24	chr14:104770744-104772452
## 1427	chr14 104770808	+	C	226	chr14:104770744-104772452
## 1428	chr14 104770808	-	C	24	chr14:104770744-104772452
## 1429	chr14 104770809	+	A	226	chr14:104770744-104772452
## 1430	chr14 104770809	-	A	24	chr14:104770744-104772452
## 1431	chr14 104770810	+	G	226	chr14:104770744-104772452
## 1432	chr14 104770810	-	G	24	chr14:104770744-104772452
## 1433	chr14 104770811	+	T	225	chr14:104770744-104772452
## 1434	chr14 104770811	-	T	24	chr14:104770744-104772452
## 1435	chr14 104770812	+	C	226	chr14:104770744-104772452
## 1436	chr14 104770812	-	C	24	chr14:104770744-104772452
## 1437	chr14 104770813	+	T	226	chr14:104770744-104772452
## 1438	chr14 104770813	-	T	24	chr14:104770744-104772452
## 1439	chr14 104770814	+	C	225	chr14:104770744-104772452
## 1440	chr14 104770814	-	C	24	chr14:104770744-104772452
## 1441	chr14 104770814	+	G	1	chr14:104770744-104772452
## 1442	chr14 104770815	+	C	226	chr14:104770744-104772452
## 1443	chr14 104770815	-	C	24	chr14:104770744-104772452

## 1444	chr14	104770816	+	G	226	chr14:104770744-104772452
## 1445	chr14	104770816	-	G	24	chr14:104770744-104772452
## 1446	chr14	104770817	+	A	226	chr14:104770744-104772452
## 1447	chr14	104770817	-	A	24	chr14:104770744-104772452
## 1448	chr14	104770818	+	C	226	chr14:104770744-104772452
## 1449	chr14	104770818	-	C	24	chr14:104770744-104772452
## 1450	chr14	104770819	+	G	224	chr14:104770744-104772452
## 1451	chr14	104770819	-	G	24	chr14:104770744-104772452
## 1452	chr14	104770820	+	T	227	chr14:104770744-104772452
## 1453	chr14	104770820	-	T	24	chr14:104770744-104772452
## 1454	chr14	104770821	+	G	227	chr14:104770744-104772452
## 1455	chr14	104770821	-	G	24	chr14:104770744-104772452
## 1456	chr14	104770822	+	A	226	chr14:104770744-104772452
## 1457	chr14	104770822	-	A	24	chr14:104770744-104772452
## 1458	chr14	104770823	+	C	226	chr14:104770744-104772452
## 1459	chr14	104770823	-	C	24	chr14:104770744-104772452
## 1460	chr14	104770824	+	C	226	chr14:104770744-104772452
## 1461	chr14	104770824	-	C	24	chr14:104770744-104772452
## 1462	chr14	104770825	+	T	224	chr14:104770744-104772452
## 1463	chr14	104770825	-	T	24	chr14:104770744-104772452
## 1464	chr14	104770826	+	G	215	chr14:104770744-104772452
## 1465	chr14	104770826	-	G	24	chr14:104770744-104772452
## 1466	chr14	104770827	+	G	208	chr14:104770744-104772452
## 1467	chr14	104770827	-	G	31	chr14:104770744-104772452
## 1468	chr14	104770828	+	G	209	chr14:104770744-104772452
## 1469	chr14	104770828	-	G	37	chr14:104770744-104772452
## 1470	chr14	104770829	+	G	199	chr14:104770744-104772452
## 1471	chr14	104770829	-	G	37	chr14:104770744-104772452
## 1472	chr14	104770830	+	C	189	chr14:104770744-104772452
## 1473	chr14	104770830	-	C	48	chr14:104770744-104772452
## 1474	chr14	104770831	+	T	188	chr14:104770744-104772452
## 1475	chr14	104770831	-	T	54	chr14:104770744-104772452
## 1476	chr14	104770832	+	T	186	chr14:104770744-104772452
## 1477	chr14	104770832	-	T	55	chr14:104770744-104772452
## 1478	chr14	104770833	+	G	173	chr14:104770744-104772452
## 1479	chr14	104770833	-	G	64	chr14:104770744-104772452
## 1480	chr14	104770834	+	A	170	chr14:104770744-104772452
## 1481	chr14	104770834	-	A	67	chr14:104770744-104772452
## 1482	chr14	104770834	+	C	1	chr14:104770744-104772452
## 1483	chr14	104770835	+	A	168	chr14:104770744-104772452
## 1484	chr14	104770835	-	A	72	chr14:104770744-104772452
## 1485	chr14	104770835	-	C	1	chr14:104770744-104772452
## 1486	chr14	104770836	+	G	163	chr14:104770744-104772452
## 1487	chr14	104770836	-	G	69	chr14:104770744-104772452
## 1488	chr14	104770837	+	G	153	chr14:104770744-104772452
## 1489	chr14	104770837	-	G	80	chr14:104770744-104772452
## 1490	chr14	104770838	+	G	133	chr14:104770744-104772452
## 1491	chr14	104770838	-	G	97	chr14:104770744-104772452
## 1492	chr14	104770839	-	G	1	chr14:104770744-104772452
## 1493	chr14	104770839	+	T	128	chr14:104770744-104772452
## 1494	chr14	104770839	-	T	98	chr14:104770744-104772452
## 1495	chr14	104770840	+	G	127	chr14:104770744-104772452
## 1496	chr14	104770840	-	G	117	chr14:104770744-104772452
## 1497	chr14	104770841	+	G	133	chr14:104770744-104772452

## 1498	chr14 104770841	-	G	116 chr14:104770744-104772452
## 1499	chr14 104770841	-	T	1 chr14:104770744-104772452
## 1500	chr14 104770842	+	G	133 chr14:104770744-104772452
## 1501	chr14 104770842	-	G	117 chr14:104770744-104772452
## 1502	chr14 104770843	-	A	1 chr14:104770744-104772452
## 1503	chr14 104770843	+	C	133 chr14:104770744-104772452
## 1504	chr14 104770843	-	C	116 chr14:104770744-104772452
## 1505	chr14 104770844	-	G	1 chr14:104770744-104772452
## 1506	chr14 104770844	+	T	133 chr14:104770744-104772452
## 1507	chr14 104770844	-	T	116 chr14:104770744-104772452
## 1508	chr14 104770845	+	G	133 chr14:104770744-104772452
## 1509	chr14 104770845	-	G	117 chr14:104770744-104772452
## 1510	chr14 104770846	+	A	131 chr14:104770744-104772452
## 1511	chr14 104770846	-	A	117 chr14:104770744-104772452
## 1512	chr14 104770847	+	G	130 chr14:104770744-104772452
## 1513	chr14 104770847	-	G	120 chr14:104770744-104772452
## 1514	chr14 104770848	+	C	130 chr14:104770744-104772452
## 1515	chr14 104770848	-	C	120 chr14:104770744-104772452
## 1516	chr14 104770849	-	G	1 chr14:104770744-104772452
## 1517	chr14 104770849	+	T	131 chr14:104770744-104772452
## 1518	chr14 104770849	-	T	119 chr14:104770744-104772452
## 1519	chr14 104770850	+	G	131 chr14:104770744-104772452
## 1520	chr14 104770850	-	G	120 chr14:104770744-104772452
## 1521	chr14 104770851	+	C	131 chr14:104770744-104772452
## 1522	chr14 104770851	-	C	120 chr14:104770744-104772452
## 1523	chr14 104770852	+	A	131 chr14:104770744-104772452
## 1524	chr14 104770852	-	A	120 chr14:104770744-104772452
## 1525	chr14 104770853	+	G	131 chr14:104770744-104772452
## 1526	chr14 104770853	-	G	120 chr14:104770744-104772452
## 1527	chr14 104770854	+	A	131 chr14:104770744-104772452
## 1528	chr14 104770854	-	A	120 chr14:104770744-104772452
## 1529	chr14 104770855	+	G	131 chr14:104770744-104772452
## 1530	chr14 104770855	-	G	120 chr14:104770744-104772452
## 1531	chr14 104770856	+	G	131 chr14:104770744-104772452
## 1532	chr14 104770856	-	G	120 chr14:104770744-104772452
## 1533	chr14 104770857	+	T	131 chr14:104770744-104772452
## 1534	chr14 104770857	-	T	120 chr14:104770744-104772452
## 1535	chr14 104770858	+	G	129 chr14:104770744-104772452
## 1536	chr14 104770858	-	G	121 chr14:104770744-104772452
## 1537	chr14 104770859	+	G	128 chr14:104770744-104772452
## 1538	chr14 104770859	-	G	122 chr14:104770744-104772452
## 1539	chr14 104770860	+	G	128 chr14:104770744-104772452
## 1540	chr14 104770860	-	G	122 chr14:104770744-104772452
## 1541	chr14 104770861	+	C	127 chr14:104770744-104772452
## 1542	chr14 104770861	-	C	123 chr14:104770744-104772452
## 1543	chr14 104770862	+	A	127 chr14:104770744-104772452
## 1544	chr14 104770862	-	A	123 chr14:104770744-104772452
## 1545	chr14 104770863	+	G	127 chr14:104770744-104772452
## 1546	chr14 104770863	-	G	123 chr14:104770744-104772452
## 1547	chr14 104770864	+	A	126 chr14:104770744-104772452
## 1548	chr14 104770864	-	A	122 chr14:104770744-104772452
## 1549	chr14 104770864	-	T	1 chr14:104770744-104772452
## 1550	chr14 104770865	+	C	126 chr14:104770744-104772452
## 1551	chr14 104770865	-	C	123 chr14:104770744-104772452

## 1552	chr14	104770865	-	T	2	chr14:104770744-104772452
## 1553	chr14	104770866	+	A	1	chr14:104770744-104772452
## 1554	chr14	104770866	+	G	125	chr14:104770744-104772452
## 1555	chr14	104770866	-	G	125	chr14:104770744-104772452
## 1556	chr14	104770867	-	C	3	chr14:104770744-104772452
## 1557	chr14	104770867	+	G	126	chr14:104770744-104772452
## 1558	chr14	104770867	-	G	122	chr14:104770744-104772452
## 1559	chr14	104770868	+	G	127	chr14:104770744-104772452
## 1560	chr14	104770868	-	G	124	chr14:104770744-104772452
## 1561	chr14	104770868	-	T	1	chr14:104770744-104772452
## 1562	chr14	104770869	+	A	127	chr14:104770744-104772452
## 1563	chr14	104770869	-	A	125	chr14:104770744-104772452
## 1564	chr14	104770870	+	C	126	chr14:104770744-104772452
## 1565	chr14	104770870	-	C	125	chr14:104770744-104772452
## 1566	chr14	104770871	+	A	126	chr14:104770744-104772452
## 1567	chr14	104770871	-	A	125	chr14:104770744-104772452
## 1568	chr14	104770872	+	G	126	chr14:104770744-104772452
## 1569	chr14	104770872	-	G	125	chr14:104770744-104772452
## 1570	chr14	104770873	+	T	126	chr14:104770744-104772452
## 1571	chr14	104770873	-	T	125	chr14:104770744-104772452
## 1572	chr14	104770874	+	C	126	chr14:104770744-104772452
## 1573	chr14	104770874	-	C	125	chr14:104770744-104772452
## 1574	chr14	104770875	+	A	126	chr14:104770744-104772452
## 1575	chr14	104770875	-	A	125	chr14:104770744-104772452
## 1576	chr14	104770876	-	A	1	chr14:104770744-104772452
## 1577	chr14	104770876	+	T	126	chr14:104770744-104772452
## 1578	chr14	104770876	-	T	124	chr14:104770744-104772452
## 1579	chr14	104770877	+	G	126	chr14:104770744-104772452
## 1580	chr14	104770877	-	G	125	chr14:104770744-104772452
## 1581	chr14	104770878	+	A	126	chr14:104770744-104772452
## 1582	chr14	104770878	-	A	125	chr14:104770744-104772452
## 1583	chr14	104770879	-	A	1	chr14:104770744-104772452
## 1584	chr14	104770879	+	G	124	chr14:104770744-104772452
## 1585	chr14	104770879	-	G	124	chr14:104770744-104772452
## 1586	chr14	104770880	+	C	125	chr14:104770744-104772452
## 1587	chr14	104770880	-	C	125	chr14:104770744-104772452
## 1588	chr14	104770881	+	T	125	chr14:104770744-104772452
## 1589	chr14	104770881	-	T	125	chr14:104770744-104772452
## 1590	chr14	104770882	+	T	125	chr14:104770744-104772452
## 1591	chr14	104770882	-	T	125	chr14:104770744-104772452
## 1592	chr14	104770883	+	C	124	chr14:104770744-104772452
## 1593	chr14	104770883	-	C	124	chr14:104770744-104772452
## 1594	chr14	104770883	+	T	1	chr14:104770744-104772452
## 1595	chr14	104770884	+	G	126	chr14:104770744-104772452
## 1596	chr14	104770884	-	G	123	chr14:104770744-104772452
## 1597	chr14	104770885	+	C	127	chr14:104770744-104772452
## 1598	chr14	104770885	-	C	123	chr14:104770744-104772452
## 1599	chr14	104770886	+	T	127	chr14:104770744-104772452
## 1600	chr14	104770886	-	T	122	chr14:104770744-104772452
## 1601	chr14	104770887	+	C	125	chr14:104770744-104772452
## 1602	chr14	104770887	-	C	124	chr14:104770744-104772452
## 1603	chr14	104770888	+	C	125	chr14:104770744-104772452
## 1604	chr14	104770888	-	C	123	chr14:104770744-104772452
## 1605	chr14	104770889	+	C	126	chr14:104770744-104772452

## 1606	chr14	104770889	-	C	124	chr14:104770744-104772452
## 1607	chr14	104770890	+	C	126	chr14:104770744-104772452
## 1608	chr14	104770890	-	C	124	chr14:104770744-104772452
## 1609	chr14	104770891	+	A	125	chr14:104770744-104772452
## 1610	chr14	104770891	-	A	125	chr14:104770744-104772452
## 1611	chr14	104770892	+	C	126	chr14:104770744-104772452
## 1612	chr14	104770892	-	C	124	chr14:104770744-104772452
## 1613	chr14	104770893	+	T	127	chr14:104770744-104772452
## 1614	chr14	104770893	-	T	124	chr14:104770744-104772452
## 1615	chr14	104770894	+	C	126	chr14:104770744-104772452
## 1616	chr14	104770894	-	C	125	chr14:104770744-104772452
## 1617	chr14	104770895	+	C	124	chr14:104770744-104772452
## 1618	chr14	104770895	-	C	124	chr14:104770744-104772452
## 1619	chr14	104770896	+	C	125	chr14:104770744-104772452
## 1620	chr14	104770896	-	C	123	chr14:104770744-104772452
## 1621	chr14	104770896	-	G	1	chr14:104770744-104772452
## 1622	chr14	104770896	+	T	1	chr14:104770744-104772452
## 1623	chr14	104770897	+	A	126	chr14:104770744-104772452
## 1624	chr14	104770897	-	A	124	chr14:104770744-104772452
## 1625	chr14	104770898	+	G	125	chr14:104770744-104772452
## 1626	chr14	104770898	-	G	124	chr14:104770744-104772452
## 1627	chr14	104770898	+	T	1	chr14:104770744-104772452
## 1628	chr14	104770899	+	C	126	chr14:104770744-104772452
## 1629	chr14	104770899	-	C	123	chr14:104770744-104772452
## 1630	chr14	104770900	+	A	127	chr14:104770744-104772452
## 1631	chr14	104770900	-	A	122	chr14:104770744-104772452
## 1632	chr14	104770900	-	T	1	chr14:104770744-104772452
## 1633	chr14	104770901	+	C	125	chr14:104770744-104772452
## 1634	chr14	104770901	-	C	123	chr14:104770744-104772452
## 1635	chr14	104770902	+	A	120	chr14:104770744-104772452
## 1636	chr14	104770902	-	A	119	chr14:104770744-104772452
## 1637	chr14	104770903	+	C	117	chr14:104770744-104772452
## 1638	chr14	104770903	-	C	117	chr14:104770744-104772452
## 1639	chr14	104770904	+	A	2	chr14:104770744-104772452
## 1640	chr14	104770904	+	C	112	chr14:104770744-104772452
## 1641	chr14	104770904	-	C	122	chr14:104770744-104772452
## 1642	chr14	104770905	+	C	111	chr14:104770744-104772452
## 1643	chr14	104770905	-	C	124	chr14:104770744-104772452
## 1644	chr14	104770906	+	T	107	chr14:104770744-104772452
## 1645	chr14	104770906	-	T	120	chr14:104770744-104772452
## 1646	chr14	104770907	+	C	100	chr14:104770744-104772452
## 1647	chr14	104770907	-	C	122	chr14:104770744-104772452
## 1648	chr14	104770907	+	T	1	chr14:104770744-104772452
## 1649	chr14	104770908	+	A	107	chr14:104770744-104772452
## 1650	chr14	104770908	-	A	123	chr14:104770744-104772452
## 1651	chr14	104770909	+	A	109	chr14:104770744-104772452
## 1652	chr14	104770909	-	A	126	chr14:104770744-104772452
## 1653	chr14	104770910	+	G	104	chr14:104770744-104772452
## 1654	chr14	104770910	-	G	129	chr14:104770744-104772452
## 1655	chr14	104770911	+	T	108	chr14:104770744-104772452
## 1656	chr14	104770911	-	T	128	chr14:104770744-104772452
## 1657	chr14	104770912	+	G	102	chr14:104770744-104772452
## 1658	chr14	104770912	-	G	128	chr14:104770744-104772452
## 1659	chr14	104770913	+	T	106	chr14:104770744-104772452

## 1660	chr14 104770913	-	T	112	chr14:104770744-104772452
## 1661	chr14 104770914	+	G	102	chr14:104770744-104772452
## 1662	chr14 104770914	-	G	106	chr14:104770744-104772452
## 1663	chr14 104770915	+	C	109	chr14:104770744-104772452
## 1664	chr14 104770915	-	C	103	chr14:104770744-104772452
## 1665	chr14 104770916	+	T	104	chr14:104770744-104772452
## 1666	chr14 104770916	-	T	115	chr14:104770744-104772452
## 1667	chr14 104770917	+	C	107	chr14:104770744-104772452
## 1668	chr14 104770917	-	C	126	chr14:104770744-104772452
## 1669	chr14 104770918	+	A	107	chr14:104770744-104772452
## 1670	chr14 104770918	-	A	133	chr14:104770744-104772452
## 1671	chr14 104770919	+	A	111	chr14:104770744-104772452
## 1672	chr14 104770919	-	A	139	chr14:104770744-104772452
## 1673	chr14 104770920	+	G	112	chr14:104770744-104772452
## 1674	chr14 104770920	-	G	139	chr14:104770744-104772452
## 1675	chr14 104770921	+	A	111	chr14:104770744-104772452
## 1676	chr14 104770921	-	A	139	chr14:104770744-104772452
## 1677	chr14 104770921	-	T	1	chr14:104770744-104772452
## 1678	chr14 104770922	+	C	110	chr14:104770744-104772452
## 1679	chr14 104770922	-	C	138	chr14:104770744-104772452
## 1680	chr14 104770922	+	T	1	chr14:104770744-104772452
## 1681	chr14 104770923	+	C	111	chr14:104770744-104772452
## 1682	chr14 104770923	-	C	139	chr14:104770744-104772452
## 1683	chr14 104770924	+	T	111	chr14:104770744-104772452
## 1684	chr14 104770924	-	T	139	chr14:104770744-104772452
## 1685	chr14 104770925	+	T	111	chr14:104770744-104772452
## 1686	chr14 104770925	-	T	139	chr14:104770744-104772452
## 1687	chr14 104770926	-	A	2	chr14:104770744-104772452
## 1688	chr14 104770926	+	C	110	chr14:104770744-104772452
## 1689	chr14 104770926	-	C	138	chr14:104770744-104772452
## 1690	chr14 104770927	+	A	110	chr14:104770744-104772452
## 1691	chr14 104770927	-	A	140	chr14:104770744-104772452
## 1692	chr14 104770928	+	A	110	chr14:104770744-104772452
## 1693	chr14 104770928	-	A	140	chr14:104770744-104772452
## 1694	chr14 104770929	+	A	110	chr14:104770744-104772452
## 1695	chr14 104770929	-	A	140	chr14:104770744-104772452
## 1696	chr14 104770930	+	G	110	chr14:104770744-104772452
## 1697	chr14 104770930	-	G	140	chr14:104770744-104772452
## 1698	chr14 104770931	+	C	110	chr14:104770744-104772452
## 1699	chr14 104770931	-	C	140	chr14:104770744-104772452
## 1700	chr14 104770932	+	A	110	chr14:104770744-104772452
## 1701	chr14 104770932	-	A	140	chr14:104770744-104772452
## 1702	chr14 104770933	+	C	111	chr14:104770744-104772452
## 1703	chr14 104770933	-	C	136	chr14:104770744-104772452
## 1704	chr14 104770934	+	C	115	chr14:104770744-104772452
## 1705	chr14 104770934	-	C	135	chr14:104770744-104772452
## 1706	chr14 104770935	+	T	114	chr14:104770744-104772452
## 1707	chr14 104770935	-	T	135	chr14:104770744-104772452
## 1708	chr14 104770936	+	G	114	chr14:104770744-104772452
## 1709	chr14 104770936	-	G	137	chr14:104770744-104772452
## 1710	chr14 104770937	+	G	114	chr14:104770744-104772452
## 1711	chr14 104770937	-	G	137	chr14:104770744-104772452
## 1712	chr14 104770938	+	A	113	chr14:104770744-104772452
## 1713	chr14 104770938	-	A	138	chr14:104770744-104772452

## 1714	chr14	104770939	+	T	112	chr14:104770744-104772452
## 1715	chr14	104770939	-	T	139	chr14:104770744-104772452
## 1716	chr14	104770940	+	C	113	chr14:104770744-104772452
## 1717	chr14	104770940	-	C	137	chr14:104770744-104772452
## 1718	chr14	104770941	+	T	112	chr14:104770744-104772452
## 1719	chr14	104770941	-	T	138	chr14:104770744-104772452
## 1720	chr14	104770942	+	C	112	chr14:104770744-104772452
## 1721	chr14	104770942	-	C	138	chr14:104770744-104772452
## 1722	chr14	104770943	+	C	112	chr14:104770744-104772452
## 1723	chr14	104770943	-	C	138	chr14:104770744-104772452
## 1724	chr14	104770944	+	A	111	chr14:104770744-104772452
## 1725	chr14	104770944	-	A	139	chr14:104770744-104772452
## 1726	chr14	104770945	+	A	111	chr14:104770744-104772452
## 1727	chr14	104770945	-	A	139	chr14:104770744-104772452
## 1728	chr14	104770946	+	G	110	chr14:104770744-104772452
## 1729	chr14	104770946	-	G	140	chr14:104770744-104772452
## 1730	chr14	104770947	+	G	110	chr14:104770744-104772452
## 1731	chr14	104770947	-	G	140	chr14:104770744-104772452
## 1732	chr14	104770948	+	G	110	chr14:104770744-104772452
## 1733	chr14	104770948	-	G	140	chr14:104770744-104772452
## 1734	chr14	104770949	+	G	110	chr14:104770744-104772452
## 1735	chr14	104770949	-	G	140	chr14:104770744-104772452
## 1736	chr14	104770950	-	G	1	chr14:104770744-104772452
## 1737	chr14	104770950	+	T	110	chr14:104770744-104772452
## 1738	chr14	104770950	-	T	139	chr14:104770744-104772452
## 1739	chr14	104770951	+	C	109	chr14:104770744-104772452
## 1740	chr14	104770951	-	C	141	chr14:104770744-104772452
## 1741	chr14	104770952	-	C	1	chr14:104770744-104772452
## 1742	chr14	104770952	+	T	109	chr14:104770744-104772452
## 1743	chr14	104770952	-	T	139	chr14:104770744-104772452
## 1744	chr14	104770953	+	A	1	chr14:104770744-104772452
## 1745	chr14	104770953	+	C	106	chr14:104770744-104772452
## 1746	chr14	104770953	-	C	142	chr14:104770744-104772452
## 1747	chr14	104770953	+	T	1	chr14:104770744-104772452
## 1748	chr14	104770954	+	C	106	chr14:104770744-104772452
## 1749	chr14	104770954	-	C	143	chr14:104770744-104772452
## 1750	chr14	104770954	+	G	1	chr14:104770744-104772452
## 1751	chr14	104770955	+	A	106	chr14:104770744-104772452
## 1752	chr14	104770955	-	A	143	chr14:104770744-104772452
## 1753	chr14	104770956	+	G	105	chr14:104770744-104772452
## 1754	chr14	104770956	-	G	145	chr14:104770744-104772452
## 1755	chr14	104770957	+	G	104	chr14:104770744-104772452
## 1756	chr14	104770957	-	G	145	chr14:104770744-104772452
## 1757	chr14	104770957	+	T	1	chr14:104770744-104772452
## 1758	chr14	104770958	-	A	3	chr14:104770744-104772452
## 1759	chr14	104770958	+	C	104	chr14:104770744-104772452
## 1760	chr14	104770958	-	C	143	chr14:104770744-104772452
## 1761	chr14	104770959	+	A	102	chr14:104770744-104772452
## 1762	chr14	104770959	-	A	147	chr14:104770744-104772452
## 1763	chr14	104770960	+	G	100	chr14:104770744-104772452
## 1764	chr14	104770960	-	G	148	chr14:104770744-104772452
## 1765	chr14	104770961	+	G	98	chr14:104770744-104772452
## 1766	chr14	104770961	-	G	150	chr14:104770744-104772452
## 1767	chr14	104770962	+	A	97	chr14:104770744-104772452

## 1768	chr14 104770962	-	A	151	chr14:104770744-104772452
## 1769	chr14 104770962	+	C	1	chr14:104770744-104772452
## 1770	chr14 104770963	+	C	97	chr14:104770744-104772452
## 1771	chr14 104770963	-	C	152	chr14:104770744-104772452
## 1772	chr14 104770964	+	T	94	chr14:104770744-104772452
## 1773	chr14 104770964	-	T	152	chr14:104770744-104772452
## 1774	chr14 104770965	+	G	94	chr14:104770744-104772452
## 1775	chr14 104770965	-	G	156	chr14:104770744-104772452
## 1776	chr14 104770965	-	T	1	chr14:104770744-104772452
## 1777	chr14 104770966	+	A	94	chr14:104770744-104772452
## 1778	chr14 104770966	-	A	156	chr14:104770744-104772452
## 1779	chr14 104770967	+	T	93	chr14:104770744-104772452
## 1780	chr14 104770967	-	T	157	chr14:104770744-104772452
## 1781	chr14 104770968	+	C	1	chr14:104770744-104772452
## 1782	chr14 104770968	+	G	91	chr14:104770744-104772452
## 1783	chr14 104770968	-	G	158	chr14:104770744-104772452
## 1784	chr14 104770969	-	A	1	chr14:104770744-104772452
## 1785	chr14 104770969	+	T	92	chr14:104770744-104772452
## 1786	chr14 104770969	-	T	157	chr14:104770744-104772452
## 1787	chr14 104770970	+	C	88	chr14:104770744-104772452
## 1788	chr14 104770970	-	C	159	chr14:104770744-104772452
## 1789	chr14 104770970	+	T	1	chr14:104770744-104772452
## 1790	chr14 104770971	+	A	88	chr14:104770744-104772452
## 1791	chr14 104770971	-	A	161	chr14:104770744-104772452
## 1792	chr14 104770972	+	G	85	chr14:104770744-104772452
## 1793	chr14 104770972	-	G	162	chr14:104770744-104772452
## 1794	chr14 104770972	+	T	1	chr14:104770744-104772452
## 1795	chr14 104770973	+	A	85	chr14:104770744-104772452
## 1796	chr14 104770973	-	A	165	chr14:104770744-104772452
## 1797	chr14 104770974	+	G	84	chr14:104770744-104772452
## 1798	chr14 104770974	-	G	166	chr14:104770744-104772452
## 1799	chr14 104770975	+	A	82	chr14:104770744-104772452
## 1800	chr14 104770975	-	A	167	chr14:104770744-104772452
## 1801	chr14 104770976	+	G	81	chr14:104770744-104772452
## 1802	chr14 104770976	-	G	169	chr14:104770744-104772452
## 1803	chr14 104770977	-	-	2	chr14:104770744-104772452
## 1804	chr14 104770977	+	C	81	chr14:104770744-104772452
## 1805	chr14 104770977	-	C	165	chr14:104770744-104772452
## 1806	chr14 104770978	+	A	78	chr14:104770744-104772452
## 1807	chr14 104770978	-	A	165	chr14:104770744-104772452
## 1808	chr14 104770979	+	G	76	chr14:104770744-104772452
## 1809	chr14 104770979	-	G	162	chr14:104770744-104772452
## 1810	chr14 104770980	+	C	75	chr14:104770744-104772452
## 1811	chr14 104770980	-	C	153	chr14:104770744-104772452
## 1812	chr14 104770981	+	A	75	chr14:104770744-104772452
## 1813	chr14 104770981	-	A	152	chr14:104770744-104772452
## 1814	chr14 104770982	+	A	72	chr14:104770744-104772452
## 1815	chr14 104770982	-	A	156	chr14:104770744-104772452
## 1816	chr14 104770983	+	G	66	chr14:104770744-104772452
## 1817	chr14 104770983	-	G	153	chr14:104770744-104772452
## 1818	chr14 104770984	+	C	62	chr14:104770744-104772452
## 1819	chr14 104770984	-	C	148	chr14:104770744-104772452
## 1820	chr14 104770985	+	C	61	chr14:104770744-104772452
## 1821	chr14 104770985	-	C	138	chr14:104770744-104772452

## 1822	chr14	104770986	+	A	55	chr14:104770744-104772452
## 1823	chr14	104770986	-	A	133	chr14:104770744-104772452
## 1824	chr14	104770987	+	C	54	chr14:104770744-104772452
## 1825	chr14	104770987	-	C	128	chr14:104770744-104772452
## 1826	chr14	104770988	+	C	50	chr14:104770744-104772452
## 1827	chr14	104770988	-	C	125	chr14:104770744-104772452
## 1828	chr14	104770989	+	A	45	chr14:104770744-104772452
## 1829	chr14	104770989	-	A	124	chr14:104770744-104772452
## 1830	chr14	104770990	-	A	1	chr14:104770744-104772452
## 1831	chr14	104770990	+	G	38	chr14:104770744-104772452
## 1832	chr14	104770990	-	G	117	chr14:104770744-104772452
## 1833	chr14	104770991	+	C	37	chr14:104770744-104772452
## 1834	chr14	104770991	-	C	104	chr14:104770744-104772452
## 1835	chr14	104770992	+	C	33	chr14:104770744-104772452
## 1836	chr14	104770992	-	C	100	chr14:104770744-104772452
## 1837	chr14	104770993	+	C	31	chr14:104770744-104772452
## 1838	chr14	104770993	-	C	92	chr14:104770744-104772452
## 1839	chr14	104770994	+	C	26	chr14:104770744-104772452
## 1840	chr14	104770994	-	C	89	chr14:104770744-104772452
## 1841	chr14	104770995	+	C	25	chr14:104770744-104772452
## 1842	chr14	104770995	-	C	88	chr14:104770744-104772452
## 1843	chr14	104770996	+	C	25	chr14:104770744-104772452
## 1844	chr14	104770996	-	C	89	chr14:104770744-104772452
## 1845	chr14	104770997	+	A	25	chr14:104770744-104772452
## 1846	chr14	104770997	-	A	89	chr14:104770744-104772452
## 1847	chr14	104770998	+	C	24	chr14:104770744-104772452
## 1848	chr14	104770998	-	C	88	chr14:104770744-104772452
## 1849	chr14	104770999	+	A	23	chr14:104770744-104772452
## 1850	chr14	104770999	-	A	90	chr14:104770744-104772452
## 1851	chr14	104771000	+	G	22	chr14:104770744-104772452
## 1852	chr14	104771000	-	G	93	chr14:104770744-104772452
## 1853	chr14	104771001	+	A	22	chr14:104770744-104772452
## 1854	chr14	104771001	-	A	95	chr14:104770744-104772452
## 1855	chr14	104771002	+	G	21	chr14:104770744-104772452
## 1856	chr14	104771002	-	G	96	chr14:104770744-104772452
## 1857	chr14	104771003	+	G	20	chr14:104770744-104772452
## 1858	chr14	104771003	-	G	96	chr14:104770744-104772452
## 1859	chr14	104771004	+	C	19	chr14:104770744-104772452
## 1860	chr14	104771004	-	C	106	chr14:104770744-104772452
## 1861	chr14	104771005	+	A	18	chr14:104770744-104772452
## 1862	chr14	104771005	-	A	109	chr14:104770744-104772452
## 1863	chr14	104771006	+	G	18	chr14:104770744-104772452
## 1864	chr14	104771006	-	G	109	chr14:104770744-104772452
## 1865	chr14	104771007	+	C	17	chr14:104770744-104772452
## 1866	chr14	104771007	-	C	109	chr14:104770744-104772452
## 1867	chr14	104771008	+	T	16	chr14:104770744-104772452
## 1868	chr14	104771008	-	T	111	chr14:104770744-104772452
## 1869	chr14	104771009	+	C	12	chr14:104770744-104772452
## 1870	chr14	104771009	-	C	114	chr14:104770744-104772452
## 1871	chr14	104771010	+	T	12	chr14:104770744-104772452
## 1872	chr14	104771010	-	T	113	chr14:104770744-104772452
## 1873	chr14	104771011	+	G	12	chr14:104770744-104772452
## 1874	chr14	104771011	-	G	118	chr14:104770744-104772452
## 1875	chr14	104771012	+	G	11	chr14:104770744-104772452

## 1876	chr14 104771012	-	G	118	chr14:104770744-104772452
## 1877	chr14 104771013	+	G	11	chr14:104770744-104772452
## 1878	chr14 104771013	-	G	118	chr14:104770744-104772452
## 1879	chr14 104771014	+	A	10	chr14:104770744-104772452
## 1880	chr14 104771014	-	A	122	chr14:104770744-104772452
## 1881	chr14 104771015	+	G	10	chr14:104770744-104772452
## 1882	chr14 104771015	-	G	123	chr14:104770744-104772452
## 1883	chr14 104771016	-	C	1	chr14:104770744-104772452
## 1884	chr14 104771016	+	G	10	chr14:104770744-104772452
## 1885	chr14 104771016	-	G	126	chr14:104770744-104772452
## 1886	chr14 104771016	-	T	1	chr14:104770744-104772452
## 1887	chr14 104771017	+	G	9	chr14:104770744-104772452
## 1888	chr14 104771017	-	G	136	chr14:104770744-104772452
## 1889	chr14 104771018	+	A	8	chr14:104770744-104772452
## 1890	chr14 104771018	-	A	136	chr14:104770744-104772452
## 1891	chr14 104771019	+	G	8	chr14:104770744-104772452
## 1892	chr14 104771019	-	G	137	chr14:104770744-104772452
## 1893	chr14 104771020	+	G	7	chr14:104770744-104772452
## 1894	chr14 104771020	-	G	140	chr14:104770744-104772452
## 1895	chr14 104771021	+	G	7	chr14:104770744-104772452
## 1896	chr14 104771021	-	G	138	chr14:104770744-104772452
## 1897	chr14 104771022	+	A	6	chr14:104770744-104772452
## 1898	chr14 104771022	-	A	142	chr14:104770744-104772452
## 1899	chr14 104771023	+	C	5	chr14:104770744-104772452
## 1900	chr14 104771023	-	C	141	chr14:104770744-104772452
## 1901	chr14 104771024	+	A	4	chr14:104770744-104772452
## 1902	chr14 104771024	-	A	140	chr14:104770744-104772452
## 1903	chr14 104771024	-	C	1	chr14:104770744-104772452
## 1904	chr14 104771025	+	T	3	chr14:104770744-104772452
## 1905	chr14 104771025	-	T	142	chr14:104770744-104772452
## 1906	chr14 104771026	+	G	3	chr14:104770744-104772452
## 1907	chr14 104771026	-	G	145	chr14:104770744-104772452
## 1908	chr14 104771027	+	A	2	chr14:104770744-104772452
## 1909	chr14 104771027	-	A	148	chr14:104770744-104772452
## 1910	chr14 104771028	-	A	1	chr14:104770744-104772452
## 1911	chr14 104771028	+	G	2	chr14:104770744-104772452
## 1912	chr14 104771028	-	G	145	chr14:104770744-104772452
## 1913	chr14 104771029	+	G	2	chr14:104770744-104772452
## 1914	chr14 104771029	-	G	148	chr14:104770744-104772452
## 1915	chr14 104771030	+	G	1	chr14:104770744-104772452
## 1916	chr14 104771030	-	G	148	chr14:104770744-104772452
## 1917	chr14 104771031	+	G	1	chr14:104770744-104772452
## 1918	chr14 104771031	-	G	146	chr14:104770744-104772452
## 1919	chr14 104771032	-	T	150	chr14:104770744-104772452
## 1920	chr14 104771033	-	G	149	chr14:104770744-104772452
## 1921	chr14 104771034	-	C	150	chr14:104770744-104772452
## 1922	chr14 104771034	-	T	1	chr14:104770744-104772452
## 1923	chr14 104771035	-	A	151	chr14:104770744-104772452
## 1924	chr14 104771036	-	G	149	chr14:104770744-104772452
## 1925	chr14 104771037	-	C	3	chr14:104770744-104772452
## 1926	chr14 104771037	-	G	147	chr14:104770744-104772452
## 1927	chr14 104771038	-	A	150	chr14:104770744-104772452
## 1928	chr14 104771039	-	G	148	chr14:104770744-104772452
## 1929	chr14 104771039	-	T	1	chr14:104770744-104772452

## 1930	chr14 104771040	-	C	143	chr14:104770744-104772452
## 1931	chr14 104771041	-	A	143	chr14:104770744-104772452
## 1932	chr14 104771042	-	C	139	chr14:104770744-104772452
## 1933	chr14 104771043	-	G	139	chr14:104770744-104772452
## 1934	chr14 104771044	-	G	138	chr14:104770744-104772452
## 1935	chr14 104771045	-	A	136	chr14:104770744-104772452
## 1936	chr14 104771046	-	G	136	chr14:104770744-104772452
## 1937	chr14 104771047	-	A	135	chr14:104770744-104772452
## 1938	chr14 104771048	-	C	136	chr14:104770744-104772452
## 1939	chr14 104771049	-	A	136	chr14:104770744-104772452
## 1940	chr14 104771050	-	A	135	chr14:104770744-104772452
## 1941	chr14 104771051	-	C	134	chr14:104770744-104772452
## 1942	chr14 104771052	-	C	134	chr14:104770744-104772452
## 1943	chr14 104771053	-	C	132	chr14:104770744-104772452
## 1944	chr14 104771054	-	T	130	chr14:104770744-104772452
## 1945	chr14 104771055	-	A	1	chr14:104770744-104772452
## 1946	chr14 104771055	-	C	129	chr14:104770744-104772452
## 1947	chr14 104771056	-	A	128	chr14:104770744-104772452
## 1948	chr14 104771057	-	A	121	chr14:104770744-104772452
## 1949	chr14 104771058	-	C	117	chr14:104770744-104772452
## 1950	chr14 104771059	-	A	117	chr14:104770744-104772452
## 1951	chr14 104771060	-	A	1	chr14:104770744-104772452
## 1952	chr14 104771060	-	G	116	chr14:104770744-104772452
## 1953	chr14 104771061	-	C	117	chr14:104770744-104772452
## 1954	chr14 104771062	-	T	112	chr14:104770744-104772452
## 1955	chr14 104771063	-	G	112	chr14:104770744-104772452
## 1956	chr14 104771064	-	A	103	chr14:104770744-104772452
## 1957	chr14 104771065	-	A	1	chr14:104770744-104772452
## 1958	chr14 104771065	-	G	101	chr14:104770744-104772452
## 1959	chr14 104771066	-	A	102	chr14:104770744-104772452
## 1960	chr14 104771067	-	C	99	chr14:104770744-104772452
## 1961	chr14 104771068	-	G	101	chr14:104770744-104772452
## 1962	chr14 104771069	-	C	100	chr14:104770744-104772452
## 1963	chr14 104771070	-	A	99	chr14:104770744-104772452
## 1964	chr14 104771070	-	G	1	chr14:104770744-104772452
## 1965	chr14 104771071	-	A	98	chr14:104770744-104772452
## 1966	chr14 104771072	-	A	97	chr14:104770744-104772452
## 1967	chr14 104771073	-	G	98	chr14:104770744-104772452
## 1968	chr14 104771074	-	C	97	chr14:104770744-104772452
## 1969	chr14 104771075	-	T	95	chr14:104770744-104772452
## 1970	chr14 104771076	-	G	92	chr14:104770744-104772452
## 1971	chr14 104771077	-	C	92	chr14:104770744-104772452
## 1972	chr14 104771078	-	C	92	chr14:104770744-104772452
## 1973	chr14 104771079	-	A	1	chr14:104770744-104772452
## 1974	chr14 104771079	-	C	83	chr14:104770744-104772452
## 1975	chr14 104771080	-	T	81	chr14:104770744-104772452
## 1976	chr14 104771081	-	C	81	chr14:104770744-104772452
## 1977	chr14 104771082	-	A	81	chr14:104770744-104772452
## 1978	chr14 104771083	-	C	79	chr14:104770744-104772452
## 1979	chr14 104771084	-	A	76	chr14:104770744-104772452
## 1980	chr14 104771085	-	G	75	chr14:104770744-104772452
## 1981	chr14 104771086	-	C	70	chr14:104770744-104772452
## 1982	chr14 104771087	-	A	70	chr14:104770744-104772452
## 1983	chr14 104771088	-	G	69	chr14:104770744-104772452

## 1984	chr14	104771089	-	C	65	chr14:104770744-104772452
## 1985	chr14	104771090	-	C	67	chr14:104770744-104772452
## 1986	chr14	104771091	-	C	61	chr14:104770744-104772452
## 1987	chr14	104771092	-	C	58	chr14:104770744-104772452
## 1988	chr14	104771093	-	A	57	chr14:104770744-104772452
## 1989	chr14	104771093	-	G	1	chr14:104770744-104772452
## 1990	chr14	104771094	-	G	57	chr14:104770744-104772452
## 1991	chr14	104771095	-	C	59	chr14:104770744-104772452
## 1992	chr14	104771096	-	A	60	chr14:104770744-104772452
## 1993	chr14	104771097	-	G	56	chr14:104770744-104772452
## 1994	chr14	104771098	-	G	56	chr14:104770744-104772452
## 1995	chr14	104771099	-	C	56	chr14:104770744-104772452
## 1996	chr14	104771100	-	G	55	chr14:104770744-104772452
## 1997	chr14	104771101	-	A	53	chr14:104770744-104772452
## 1998	chr14	104771102	-	C	48	chr14:104770744-104772452
## 1999	chr14	104771102	-	G	2	chr14:104770744-104772452
## 2000	chr14	104771103	-	A	50	chr14:104770744-104772452
## 2001	chr14	104771104	-	G	47	chr14:104770744-104772452
## 2002	chr14	104771105	-	A	2	chr14:104770744-104772452
## 2003	chr14	104771105	-	G	46	chr14:104770744-104772452
## 2004	chr14	104771106	-	A	51	chr14:104770744-104772452
## 2005	chr14	104771107	-	G	47	chr14:104770744-104772452
## 2006	chr14	104771108	-	A	1	chr14:104770744-104772452
## 2007	chr14	104771108	-	G	46	chr14:104770744-104772452
## 2008	chr14	104771109	-	T	44	chr14:104770744-104772452
## 2009	chr14	104771110	-	A	44	chr14:104770744-104772452
## 2010	chr14	104771111	-	G	44	chr14:104770744-104772452
## 2011	chr14	104771112	-	T	39	chr14:104770744-104772452
## 2012	chr14	104771113	-	G	37	chr14:104770744-104772452
## 2013	chr14	104771114	-	C	36	chr14:104770744-104772452
## 2014	chr14	104771115	-	A	36	chr14:104770744-104772452
## 2015	chr14	104771116	-	G	36	chr14:104770744-104772452
## 2016	chr14	104771117	-	C	36	chr14:104770744-104772452
## 2017	chr14	104771118	-	C	35	chr14:104770744-104772452
## 2018	chr14	104771119	-	C	35	chr14:104770744-104772452
## 2019	chr14	104771120	-	A	35	chr14:104770744-104772452
## 2020	chr14	104771121	-	G	34	chr14:104770744-104772452
## 2021	chr14	104771122	-	C	34	chr14:104770744-104772452
## 2022	chr14	104771123	-	T	33	chr14:104770744-104772452
## 2023	chr14	104771124	-	C	33	chr14:104770744-104772452
## 2024	chr14	104771125	-	T	33	chr14:104770744-104772452
## 2025	chr14	104771126	-	G	33	chr14:104770744-104772452
## 2026	chr14	104771127	-	A	32	chr14:104770744-104772452
## 2027	chr14	104771128	-	G	32	chr14:104770744-104772452
## 2028	chr14	104771129	-	A	35	chr14:104770744-104772452
## 2029	chr14	104771130	-	G	35	chr14:104770744-104772452
## 2030	chr14	104771131	-	A	35	chr14:104770744-104772452
## 2031	chr14	104771132	-	C	36	chr14:104770744-104772452
## 2032	chr14	104771133	-	C	36	chr14:104770744-104772452
## 2033	chr14	104771134	-	C	36	chr14:104770744-104772452
## 2034	chr14	104771135	-	T	36	chr14:104770744-104772452
## 2035	chr14	104771136	-	C	36	chr14:104770744-104772452
## 2036	chr14	104771137	-	C	35	chr14:104770744-104772452
## 2037	chr14	104771138	-	C	35	chr14:104770744-104772452

## 2038	chr14 104771139	-	T	35	chr14:104770744-104772452
## 2039	chr14 104771140	-	G	35	chr14:104770744-104772452
## 2040	chr14 104771141	-	C	36	chr14:104770744-104772452
## 2041	chr14 104771142	-	T	37	chr14:104770744-104772452
## 2042	chr14 104771143	-	A	33	chr14:104770744-104772452
## 2043	chr14 104771143	-	T	1	chr14:104770744-104772452
## 2044	chr14 104771144	-	C	33	chr14:104770744-104772452
## 2045	chr14 104771145	-	C	34	chr14:104770744-104772452
## 2046	chr14 104771146	-	A	34	chr14:104770744-104772452
## 2047	chr14 104771147	-	G	34	chr14:104770744-104772452
## 2048	chr14 104771148	-	G	33	chr14:104770744-104772452
## 2049	chr14 104771149	-	A	32	chr14:104770744-104772452
## 2050	chr14 104771150	-	G	32	chr14:104770744-104772452
## 2051	chr14 104771151	-	G	32	chr14:104770744-104772452
## 2052	chr14 104771152	-	T	32	chr14:104770744-104772452
## 2053	chr14 104771153	-	G	32	chr14:104770744-104772452
## 2054	chr14 104771154	-	A	31	chr14:104770744-104772452
## 2055	chr14 104771155	-	T	31	chr14:104770744-104772452
## 2056	chr14 104771156	-	A	31	chr14:104770744-104772452
## 2057	chr14 104771157	-	A	31	chr14:104770744-104772452
## 2058	chr14 104771158	-	C	31	chr14:104770744-104772452
## 2059	chr14 104771159	-	T	31	chr14:104770744-104772452
## 2060	chr14 104771160	-	T	31	chr14:104770744-104772452
## 2061	chr14 104771161	-	T	31	chr14:104770744-104772452
## 2062	chr14 104771162	-	A	31	chr14:104770744-104772452
## 2063	chr14 104771163	-	T	31	chr14:104770744-104772452
## 2064	chr14 104771164	-	T	31	chr14:104770744-104772452
## 2065	chr14 104771165	-	T	28	chr14:104770744-104772452
## 2066	chr14 104771166	-	T	28	chr14:104770744-104772452
## 2067	chr14 104771167	-	T	26	chr14:104770744-104772452
## 2068	chr14 104771168	-	C	26	chr14:104770744-104772452
## 2069	chr14 104771169	-	C	25	chr14:104770744-104772452
## 2070	chr14 104771170	-	T	20	chr14:104770744-104772452
## 2071	chr14 104771171	-	T	19	chr14:104770744-104772452
## 2072	chr14 104771172	-	T	19	chr14:104770744-104772452
## 2073	chr14 104771173	-	T	19	chr14:104770744-104772452
## 2074	chr14 104771174	-	T	19	chr14:104770744-104772452
## 2075	chr14 104771175	-	C	19	chr14:104770744-104772452
## 2076	chr14 104771176	-	T	18	chr14:104770744-104772452
## 2077	chr14 104771177	-	T	18	chr14:104770744-104772452
## 2078	chr14 104771178	-	T	18	chr14:104770744-104772452
## 2079	chr14 104771179	-	C	18	chr14:104770744-104772452
## 2080	chr14 104771180	-	T	17	chr14:104770744-104772452
## 2081	chr14 104771181	-	T	14	chr14:104770744-104772452
## 2082	chr14 104771182	-	G	14	chr14:104770744-104772452
## 2083	chr14 104771183	-	T	14	chr14:104770744-104772452
## 2084	chr14 104771184	-	T	14	chr14:104770744-104772452
## 2085	chr14 104771185	-	T	15	chr14:104770744-104772452
## 2086	chr14 104771186	-	T	15	chr14:104770744-104772452
## 2087	chr14 104771187	-	C	13	chr14:104770744-104772452
## 2088	chr14 104771188	-	T	13	chr14:104770744-104772452
## 2089	chr14 104771189	-	T	13	chr14:104770744-104772452
## 2090	chr14 104771190	-	A	13	chr14:104770744-104772452
## 2091	chr14 104771191	-	T	13	chr14:104770744-104772452

## 2092	chr14	104771192	-	T	13	chr14:104770744-104772452
## 2093	chr14	104771193	-	T	13	chr14:104770744-104772452
## 2094	chr14	104771194	-	T	13	chr14:104770744-104772452
## 2095	chr14	104771195	-	T	13	chr14:104770744-104772452
## 2096	chr14	104771196	-	C	13	chr14:104770744-104772452
## 2097	chr14	104771197	-	T	13	chr14:104770744-104772452
## 2098	chr14	104771198	-	T	10	chr14:104770744-104772452
## 2099	chr14	104771199	-	A	10	chr14:104770744-104772452
## 2100	chr14	104771200	-	T	10	chr14:104770744-104772452
## 2101	chr14	104771201	-	T	10	chr14:104770744-104772452
## 2102	chr14	104771202	-	G	10	chr14:104770744-104772452
## 2103	chr14	104771203	-	G	10	chr14:104770744-104772452
## 2104	chr14	104771204	-	T	7	chr14:104770744-104772452
## 2105	chr14	104771205	-	C	7	chr14:104770744-104772452
## 2106	chr14	104771206	-	T	7	chr14:104770744-104772452
## 2107	chr14	104771207	-	T	6	chr14:104770744-104772452
## 2108	chr14	104771208	-	C	6	chr14:104770744-104772452
## 2109	chr14	104771209	-	T	6	chr14:104770744-104772452
## 2110	chr14	104771210	-	T	6	chr14:104770744-104772452
## 2111	chr14	104771211	-	G	6	chr14:104770744-104772452
## 2112	chr14	104771212	-	T	6	chr14:104770744-104772452
## 2113	chr14	104771213	-	A	6	chr14:104770744-104772452
## 2114	chr14	104771214	-	A	5	chr14:104770744-104772452
## 2115	chr14	104771214	-	G	1	chr14:104770744-104772452
## 2116	chr14	104771215	-	A	6	chr14:104770744-104772452
## 2117	chr14	104771216	-	T	5	chr14:104770744-104772452
## 2118	chr14	104771217	-	T	4	chr14:104770744-104772452
## 2119	chr14	104771218	-	G	4	chr14:104770744-104772452
## 2120	chr14	104771219	-	G	4	chr14:104770744-104772452
## 2121	chr14	104771220	-	G	3	chr14:104770744-104772452
## 2122	chr14	104771221	-	A	3	chr14:104770744-104772452
## 2123	chr14	104771222	-	A	3	chr14:104770744-104772452
## 2124	chr14	104771223	-	A	3	chr14:104770744-104772452
## 2125	chr14	104771224	-	G	1	chr14:104770744-104772452
## 2126	chr14	104771225	-	A	1	chr14:104770744-104772452
## 2127	chr14	104771226	-	G	1	chr14:104770744-104772452
## 2128	chr14	104771227	-	G	1	chr14:104770744-104772452
## 2129	chr14	104771228	-	G	1	chr14:104770744-104772452
## 2130	chr14	104771229	-	A	1	chr14:104770744-104772452
## 2131	chr14	104771230	-	G	1	chr14:104770744-104772452
## 2132	chr14	104771231	-	A	1	chr14:104770744-104772452
## 2133	chr14	104771232	-	C	1	chr14:104770744-104772452
## 2134	chr14	104771233	-	T	1	chr14:104770744-104772452
## 2135	chr14	104771234	-	G	1	chr14:104770744-104772452
## 2136	chr14	104771235	-	T	1	chr14:104770744-104772452
## 2137	chr14	104771236	-	G	1	chr14:104770744-104772452
## 2138	chr14	104771237	-	G	1	chr14:104770744-104772452
## 2139	chr14	104771238	-	A	1	chr14:104770744-104772452
## 2140	chr14	104771239	-	A	1	chr14:104770744-104772452
## 2141	chr14	104771240	-	C	1	chr14:104770744-104772452
## 2142	chr14	104771241	-	A	1	chr14:104770744-104772452
## 2143	chr14	104771242	-	A	1	chr14:104770744-104772452
## 2144	chr14	104771243	-	G	1	chr14:104770744-104772452
## 2145	chr14	104771244	-	G	1	chr14:104770744-104772452

## 2146	chr14	104771245	-	T	1 chr14:104770744-104772452
## 2147	chr14	104771246	-	G	1 chr14:104770744-104772452
## 2148	chr14	104771247	-	C	1 chr14:104770744-104772452
## 2149	chr14	104771248	-	A	1 chr14:104770744-104772452
## 2150	chr14	104771249	-	C	1 chr14:104770744-104772452
## 2151	chr14	104771250	-	A	1 chr14:104770744-104772452
## 2152	chr14	104771251	-	G	1 chr14:104770744-104772452
## 2153	chr14	104771252	-	G	1 chr14:104770744-104772452
## 2154	chr14	104771253	-	A	1 chr14:104770744-104772452
## 2155	chr14	104771254	-	T	1 chr14:104770744-104772452
## 2156	chr14	104771255	-	G	1 chr14:104770744-104772452
## 2157	chr14	104771256	-	A	1 chr14:104770744-104772452
## 2158	chr14	104771257	-	G	1 chr14:104770744-104772452
## 2159	chr14	104771258	-	C	1 chr14:104770744-104772452
## 2160	chr14	104771259	-	C	1 chr14:104770744-104772452
## 2161	chr14	104771526	+	C	1 chr14:104770744-104772452
## 2162	chr14	104771527	+	C	1 chr14:104770744-104772452
## 2163	chr14	104771528	+	C	1 chr14:104770744-104772452
## 2164	chr14	104771529	+	C	1 chr14:104770744-104772452
## 2165	chr14	104771530	+	C	1 chr14:104770744-104772452
## 2166	chr14	104771531	+	A	1 chr14:104770744-104772452
## 2167	chr14	104771532	+	T	1 chr14:104770744-104772452
## 2168	chr14	104771533	+	A	1 chr14:104770744-104772452
## 2169	chr14	104771534	+	C	1 chr14:104770744-104772452
## 2170	chr14	104771535	+	C	1 chr14:104770744-104772452
## 2171	chr14	104771536	+	C	1 chr14:104770744-104772452
## 2172	chr14	104771537	+	T	1 chr14:104770744-104772452
## 2173	chr14	104771538	+	T	1 chr14:104770744-104772452
## 2174	chr14	104771539	+	G	1 chr14:104770744-104772452
## 2175	chr14	104771540	+	G	1 chr14:104770744-104772452
## 2176	chr14	104771541	+	A	1 chr14:104770744-104772452
## 2177	chr14	104771542	+	G	1 chr14:104770744-104772452
## 2178	chr14	104771543	+	G	1 chr14:104770744-104772452
## 2179	chr14	104771544	+	G	1 chr14:104770744-104772452
## 2180	chr14	104771545	+	C	1 chr14:104770744-104772452
## 2181	chr14	104771546	+	A	1 chr14:104770744-104772452
## 2182	chr14	104771547	+	G	1 chr14:104770744-104772452
## 2183	chr14	104771548	+	G	1 chr14:104770744-104772452
## 2184	chr14	104771549	+	G	1 chr14:104770744-104772452
## 2185	chr14	104771550	+	C	1 chr14:104770744-104772452
## 2186	chr14	104771551	+	A	1 chr14:104770744-104772452
## 2187	chr14	104771552	+	G	1 chr14:104770744-104772452
## 2188	chr14	104771553	+	G	1 chr14:104770744-104772452
## 2189	chr14	104771554	+	A	1 chr14:104770744-104772452
## 2190	chr14	104771555	+	G	1 chr14:104770744-104772452
## 2191	chr14	104771556	+	G	1 chr14:104770744-104772452
## 2192	chr14	104771557	+	G	1 chr14:104770744-104772452
## 2193	chr14	104771558	+	T	1 chr14:104770744-104772452
## 2194	chr14	104771559	+	G	1 chr14:104770744-104772452
## 2195	chr14	104771560	+	G	1 chr14:104770744-104772452
## 2196	chr14	104771561	+	C	1 chr14:104770744-104772452
## 2197	chr14	104771562	+	A	1 chr14:104770744-104772452
## 2198	chr14	104771563	+	G	1 chr14:104770744-104772452
## 2199	chr14	104771564	+	G	1 chr14:104770744-104772452

## 2200	chr14	104771565	+	C	1 chr14:104770744-104772452
## 2201	chr14	104771566	+	C	1 chr14:104770744-104772452
## 2202	chr14	104771567	+	T	1 chr14:104770744-104772452
## 2203	chr14	104771568	+	C	1 chr14:104770744-104772452
## 2204	chr14	104771569	+	A	1 chr14:104770744-104772452
## 2205	chr14	104771570	+	A	1 chr14:104770744-104772452
## 2206	chr14	104771571	+	G	1 chr14:104770744-104772452
## 2207	chr14	104771572	+	G	1 chr14:104770744-104772452
## 2208	chr14	104771573	+	C	1 chr14:104770744-104772452
## 2209	chr14	104771574	+	A	1 chr14:104770744-104772452
## 2210	chr14	104771575	+	G	1 chr14:104770744-104772452
## 2211	chr14	104771576	+	G	1 chr14:104770744-104772452
## 2212	chr14	104771577	+	A	1 chr14:104770744-104772452
## 2213	chr14	104771578	+	A	1 chr14:104770744-104772452
## 2214	chr14	104771578	-	A	1 chr14:104770744-104772452
## 2215	chr14	104771579	+	C	1 chr14:104770744-104772452
## 2216	chr14	104771579	-	C	1 chr14:104770744-104772452
## 2217	chr14	104771580	+	G	1 chr14:104770744-104772452
## 2218	chr14	104771580	-	G	1 chr14:104770744-104772452
## 2219	chr14	104771581	+	G	1 chr14:104770744-104772452
## 2220	chr14	104771581	-	G	1 chr14:104770744-104772452
## 2221	chr14	104771582	+	G	1 chr14:104770744-104772452
## 2222	chr14	104771582	-	G	1 chr14:104770744-104772452
## 2223	chr14	104771583	+	G	1 chr14:104770744-104772452
## 2224	chr14	104771583	-	G	1 chr14:104770744-104772452
## 2225	chr14	104771584	+	A	1 chr14:104770744-104772452
## 2226	chr14	104771584	-	A	1 chr14:104770744-104772452
## 2227	chr14	104771585	+	C	1 chr14:104770744-104772452
## 2228	chr14	104771585	-	C	1 chr14:104770744-104772452
## 2229	chr14	104771586	+	C	1 chr14:104770744-104772452
## 2230	chr14	104771586	-	C	1 chr14:104770744-104772452
## 2231	chr14	104771587	+	A	1 chr14:104770744-104772452
## 2232	chr14	104771587	-	A	1 chr14:104770744-104772452
## 2233	chr14	104771588	+	G	1 chr14:104770744-104772452
## 2234	chr14	104771588	-	G	1 chr14:104770744-104772452
## 2235	chr14	104771589	+	G	1 chr14:104770744-104772452
## 2236	chr14	104771589	-	G	1 chr14:104770744-104772452
## 2237	chr14	104771590	+	A	1 chr14:104770744-104772452
## 2238	chr14	104771590	-	A	1 chr14:104770744-104772452
## 2239	chr14	104771591	+	C	1 chr14:104770744-104772452
## 2240	chr14	104771591	-	C	1 chr14:104770744-104772452
## 2241	chr14	104771592	+	C	1 chr14:104770744-104772452
## 2242	chr14	104771592	-	C	1 chr14:104770744-104772452
## 2243	chr14	104771593	+	A	1 chr14:104770744-104772452
## 2244	chr14	104771593	-	A	1 chr14:104770744-104772452
## 2245	chr14	104771594	+	G	1 chr14:104770744-104772452
## 2246	chr14	104771594	-	G	1 chr14:104770744-104772452
## 2247	chr14	104771595	+	G	1 chr14:104770744-104772452
## 2248	chr14	104771595	-	G	1 chr14:104770744-104772452
## 2249	chr14	104771596	+	G	1 chr14:104770744-104772452
## 2250	chr14	104771596	-	G	1 chr14:104770744-104772452
## 2251	chr14	104771597	+	C	1 chr14:104770744-104772452
## 2252	chr14	104771597	-	C	1 chr14:104770744-104772452
## 2253	chr14	104771598	+	A	1 chr14:104770744-104772452

## 2254	chr14	104771598	-	A	1 chr14:104770744-104772452
## 2255	chr14	104771599	+	C	1 chr14:104770744-104772452
## 2256	chr14	104771599	-	C	1 chr14:104770744-104772452
## 2257	chr14	104771600	+	C	1 chr14:104770744-104772452
## 2258	chr14	104771600	-	C	1 chr14:104770744-104772452
## 2259	chr14	104771601	-	C	1 chr14:104770744-104772452
## 2260	chr14	104771602	-	T	1 chr14:104770744-104772452
## 2261	chr14	104771603	-	G	1 chr14:104770744-104772452
## 2262	chr14	104771604	-	T	1 chr14:104770744-104772452
## 2263	chr14	104771605	-	G	1 chr14:104770744-104772452
## 2264	chr14	104771606	-	T	1 chr14:104770744-104772452
## 2265	chr14	104771607	-	T	1 chr14:104770744-104772452
## 2266	chr14	104771608	-	A	1 chr14:104770744-104772452
## 2267	chr14	104771609	-	A	1 chr14:104770744-104772452
## 2268	chr14	104771610	-	T	1 chr14:104770744-104772452
## 2269	chr14	104771611	-	G	1 chr14:104770744-104772452
## 2270	chr14	104771612	-	G	1 chr14:104770744-104772452
## 2271	chr14	104771613	-	G	1 chr14:104770744-104772452
## 2272	chr14	104771614	-	A	1 chr14:104770744-104772452
## 2273	chr14	104771615	-	G	1 chr14:104770744-104772452
## 2274	chr14	104771616	-	A	1 chr14:104770744-104772452
## 2275	chr14	104771617	-	A	1 chr14:104770744-104772452
## 2276	chr14	104771618	-	C	1 chr14:104770744-104772452
## 2277	chr14	104771619	-	A	1 chr14:104770744-104772452
## 2278	chr14	104771620	-	G	1 chr14:104770744-104772452
## 2279	chr14	104771621	-	G	1 chr14:104770744-104772452
## 2280	chr14	104771622	-	T	1 chr14:104770744-104772452
## 2281	chr14	104771623	-	G	1 chr14:104770744-104772452
## 2282	chr14	104771624	-	C	1 chr14:104770744-104772452
## 2283	chr14	104771625	-	C	1 chr14:104770744-104772452
## 2284	chr14	104771626	-	C	1 chr14:104770744-104772452
## 2285	chr14	104771627	-	A	1 chr14:104770744-104772452
## 2286	chr14	104771628	-	G	1 chr14:104770744-104772452
## 2287	chr14	104771629	-	C	1 chr14:104770744-104772452
## 2288	chr14	104771630	-	T	1 chr14:104770744-104772452
## 2289	chr14	104771631	-	G	1 chr14:104770744-104772452
## 2290	chr14	104771632	-	G	1 chr14:104770744-104772452
## 2291	chr14	104771633	-	G	1 chr14:104770744-104772452
## 2292	chr14	104771634	-	T	1 chr14:104770744-104772452
## 2293	chr14	104771635	+	C	1 chr14:104770744-104772452
## 2294	chr14	104771635	-	C	1 chr14:104770744-104772452
## 2295	chr14	104771636	+	C	1 chr14:104770744-104772452
## 2296	chr14	104771636	-	C	1 chr14:104770744-104772452
## 2297	chr14	104771637	+	C	1 chr14:104770744-104772452
## 2298	chr14	104771637	-	C	1 chr14:104770744-104772452
## 2299	chr14	104771638	+	A	1 chr14:104770744-104772452
## 2300	chr14	104771638	-	A	1 chr14:104770744-104772452
## 2301	chr14	104771639	+	G	1 chr14:104770744-104772452
## 2302	chr14	104771639	-	G	1 chr14:104770744-104772452
## 2303	chr14	104771640	+	G	1 chr14:104770744-104772452
## 2304	chr14	104771640	-	G	1 chr14:104770744-104772452
## 2305	chr14	104771641	+	G	1 chr14:104770744-104772452
## 2306	chr14	104771641	-	G	1 chr14:104770744-104772452
## 2307	chr14	104771642	+	C	1 chr14:104770744-104772452

## 2308	chr14	104771642	-	C	1 chr14:104770744-104772452
## 2309	chr14	104771643	+	T	1 chr14:104770744-104772452
## 2310	chr14	104771643	-	T	1 chr14:104770744-104772452
## 2311	chr14	104771644	+	G	1 chr14:104770744-104772452
## 2312	chr14	104771644	-	G	1 chr14:104770744-104772452
## 2313	chr14	104771645	+	C	1 chr14:104770744-104772452
## 2314	chr14	104771645	-	C	1 chr14:104770744-104772452
## 2315	chr14	104771646	+	C	1 chr14:104770744-104772452
## 2316	chr14	104771646	-	C	1 chr14:104770744-104772452
## 2317	chr14	104771647	+	C	1 chr14:104770744-104772452
## 2318	chr14	104771647	-	C	1 chr14:104770744-104772452
## 2319	chr14	104771648	+	A	1 chr14:104770744-104772452
## 2320	chr14	104771648	-	A	1 chr14:104770744-104772452
## 2321	chr14	104771649	+	G	1 chr14:104770744-104772452
## 2322	chr14	104771649	-	G	1 chr14:104770744-104772452
## 2323	chr14	104771650	+	C	1 chr14:104770744-104772452
## 2324	chr14	104771650	-	C	1 chr14:104770744-104772452
## 2325	chr14	104771651	+	C	1 chr14:104770744-104772452
## 2326	chr14	104771651	-	C	1 chr14:104770744-104772452
## 2327	chr14	104771652	+	C	1 chr14:104770744-104772452
## 2328	chr14	104771652	-	C	1 chr14:104770744-104772452
## 2329	chr14	104771653	+	G	1 chr14:104770744-104772452
## 2330	chr14	104771654	+	A	1 chr14:104770744-104772452
## 2331	chr14	104771655	+	C	1 chr14:104770744-104772452
## 2332	chr14	104771656	+	C	1 chr14:104770744-104772452
## 2333	chr14	104771657	+	A	1 chr14:104770744-104772452
## 2334	chr14	104771658	+	G	1 chr14:104770744-104772452
## 2335	chr14	104771659	+	C	1 chr14:104770744-104772452
## 2336	chr14	104771660	+	T	1 chr14:104770744-104772452
## 2337	chr14	104771661	+	G	1 chr14:104770744-104772452
## 2338	chr14	104771662	+	C	1 chr14:104770744-104772452
## 2339	chr14	104771663	+	A	1 chr14:104770744-104772452
## 2340	chr14	104771664	+	C	1 chr14:104770744-104772452
## 2341	chr14	104771665	+	A	1 chr14:104770744-104772452
## 2342	chr14	104771666	+	C	1 chr14:104770744-104772452
## 2343	chr14	104771667	+	A	1 chr14:104770744-104772452
## 2344	chr14	104771668	+	G	1 chr14:104770744-104772452
## 2345	chr14	104771669	+	C	1 chr14:104770744-104772452
## 2346	chr14	104771670	+	C	1 chr14:104770744-104772452
## 2347	chr14	104771671	+	T	1 chr14:104770744-104772452
## 2348	chr14	104771672	+	A	1 chr14:104770744-104772452
## 2349	chr14	104771673	+	G	1 chr14:104770744-104772452
## 2350	chr14	104771674	+	G	1 chr14:104770744-104772452
## 2351	chr14	104771675	+	A	1 chr14:104770744-104772452
## 2352	chr14	104771676	+	C	1 chr14:104770744-104772452
## 2353	chr14	104771677	+	A	1 chr14:104770744-104772452
## 2354	chr14	104771678	+	G	1 chr14:104770744-104772452
## 2355	chr14	104771679	+	G	1 chr14:104770744-104772452
## 2356	chr14	104771680	+	C	1 chr14:104770744-104772452
## 2357	chr14	104771681	+	A	1 chr14:104770744-104772452
## 2358	chr14	104771682	+	T	1 chr14:104770744-104772452
## 2359	chr14	104771683	+	T	1 chr14:104770744-104772452
## 2360	chr14	104771684	+	C	1 chr14:104770744-104772452
## 2361	chr14	104771685	+	A	1 chr14:104770744-104772452

## 2362	chr14	104771686	+	G	1 chr14:104770744-104772452
## 2363	chr14	104771687	+	G	1 chr14:104770744-104772452
## 2364	chr14	104771688	+	G	1 chr14:104770744-104772452
## 2365	chr14	104771689	+	G	1 chr14:104770744-104772452
## 2366	chr14	104771690	+	A	1 chr14:104770744-104772452
## 2367	chr14	104771691	+	G	1 chr14:104770744-104772452
## 2368	chr14	104771692	+	G	1 chr14:104770744-104772452
## 2369	chr14	104771693	+	G	1 chr14:104770744-104772452
## 2370	chr14	104771694	+	G	1 chr14:104770744-104772452
## 2371	chr14	104771695	+	C	1 chr14:104770744-104772452
## 2372	chr14	104771696	+	A	1 chr14:104770744-104772452
## 2373	chr14	104771697	+	G	1 chr14:104770744-104772452
## 2374	chr14	104771698	+	G	1 chr14:104770744-104772452
## 2375	chr14	104771699	+	C	1 chr14:104770744-104772452
## 2376	chr14	104771700	+	T	1 chr14:104770744-104772452
## 2377	chr14	104771701	+	G	1 chr14:104770744-104772452
## 2378	chr14	104771702	+	G	1 chr14:104770744-104772452
## 2379	chr14	104771703	+	G	1 chr14:104770744-104772452
## 2380	chr14	104771704	+	A	1 chr14:104770744-104772452
## 2381	chr14	104771705	+	A	1 chr14:104770744-104772452
## 2382	chr14	104771706	+	C	1 chr14:104770744-104772452
## 2383	chr14	104771707	+	G	1 chr14:104770744-104772452
## 2384	chr14	104771708	+	G	1 chr14:104770744-104772452
## 2385	chr14	104771709	+	G	1 chr14:104770744-104772452
## 2386	chr14	104771751	-	T	1 chr14:104770744-104772452
## 2387	chr14	104771752	-	G	1 chr14:104770744-104772452
## 2388	chr14	104771753	-	C	1 chr14:104770744-104772452
## 2389	chr14	104771754	-	A	1 chr14:104770744-104772452
## 2390	chr14	104771755	-	G	1 chr14:104770744-104772452
## 2391	chr14	104771756	-	G	1 chr14:104770744-104772452
## 2392	chr14	104771757	-	C	1 chr14:104770744-104772452
## 2393	chr14	104771758	-	T	1 chr14:104770744-104772452
## 2394	chr14	104771759	-	T	1 chr14:104770744-104772452
## 2395	chr14	104771760	-	C	1 chr14:104770744-104772452
## 2396	chr14	104771761	-	C	1 chr14:104770744-104772452
## 2397	chr14	104771762	-	G	1 chr14:104770744-104772452
## 2398	chr14	104771763	-	A	1 chr14:104770744-104772452
## 2399	chr14	104771764	-	A	1 chr14:104770744-104772452
## 2400	chr14	104771765	-	C	1 chr14:104770744-104772452
## 2401	chr14	104771766	-	C	1 chr14:104770744-104772452
## 2402	chr14	104771767	-	C	1 chr14:104770744-104772452
## 2403	chr14	104771768	-	A	1 chr14:104770744-104772452
## 2404	chr14	104771769	-	G	1 chr14:104770744-104772452
## 2405	chr14	104771770	-	C	1 chr14:104770744-104772452
## 2406	chr14	104771771	-	T	1 chr14:104770744-104772452
## 2407	chr14	104771772	-	G	1 chr14:104770744-104772452
## 2408	chr14	104771773	-	G	1 chr14:104770744-104772452
## 2409	chr14	104771774	-	C	1 chr14:104770744-104772452
## 2410	chr14	104771775	-	A	1 chr14:104770744-104772452
## 2411	chr14	104771776	-	G	1 chr14:104770744-104772452
## 2412	chr14	104771777	-	A	1 chr14:104770744-104772452
## 2413	chr14	104771778	-	C	1 chr14:104770744-104772452
## 2414	chr14	104771779	-	C	1 chr14:104770744-104772452
## 2415	chr14	104771780	-	C	1 chr14:104770744-104772452

## 2416	chr14	104771781	-	C	1 chr14:104770744-104772452
## 2417	chr14	104771782	-	A	1 chr14:104770744-104772452
## 2418	chr14	104771783	-	T	1 chr14:104770744-104772452
## 2419	chr14	104771784	-	C	1 chr14:104770744-104772452
## 2420	chr14	104771785	-	A	1 chr14:104770744-104772452
## 2421	chr14	104771786	-	G	1 chr14:104770744-104772452
## 2422	chr14	104771787	-	C	1 chr14:104770744-104772452
## 2423	chr14	104771788	-	T	1 chr14:104770744-104772452
## 2424	chr14	104771789	-	G	1 chr14:104770744-104772452
## 2425	chr14	104771790	-	G	1 chr14:104770744-104772452
## 2426	chr14	104772004	+	G	1 chr14:104770744-104772452
## 2427	chr14	104772005	+	C	1 chr14:104770744-104772452
## 2428	chr14	104772006	+	A	1 chr14:104770744-104772452
## 2429	chr14	104772007	+	C	1 chr14:104770744-104772452
## 2430	chr14	104772008	+	C	1 chr14:104770744-104772452
## 2431	chr14	104772009	+	C	1 chr14:104770744-104772452
## 2432	chr14	104772010	+	C	1 chr14:104770744-104772452
## 2433	chr14	104772011	+	T	1 chr14:104770744-104772452
## 2434	chr14	104772012	+	G	1 chr14:104770744-104772452
## 2435	chr14	104772013	+	G	1 chr14:104770744-104772452
## 2436	chr14	104772014	+	T	1 chr14:104770744-104772452
## 2437	chr14	104772015	+	C	1 chr14:104770744-104772452
## 2438	chr14	104772016	+	C	1 chr14:104770744-104772452
## 2439	chr14	104772017	+	A	1 chr14:104770744-104772452
## 2440	chr14	104772018	+	C	1 chr14:104770744-104772452
## 2441	chr14	104772019	+	C	1 chr14:104770744-104772452
## 2442	chr14	104772020	+	A	1 chr14:104770744-104772452
## 2443	chr14	104772021	+	C	1 chr14:104770744-104772452
## 2444	chr14	104772022	+	C	1 chr14:104770744-104772452
## 2445	chr14	104772023	+	A	1 chr14:104770744-104772452
## 2446	chr14	104772024	+	G	1 chr14:104770744-104772452
## 2447	chr14	104772025	+	C	1 chr14:104770744-104772452
## 2448	chr14	104772026	+	C	1 chr14:104770744-104772452
## 2449	chr14	104772027	+	A	1 chr14:104770744-104772452
## 2450	chr14	104772028	+	G	1 chr14:104770744-104772452
## 2451	chr14	104772029	+	C	1 chr14:104770744-104772452
## 2452	chr14	104772030	+	C	1 chr14:104770744-104772452
## 2453	chr14	104772031	+	T	1 chr14:104770744-104772452
## 2454	chr14	104772032	+	T	1 chr14:104770744-104772452
## 2455	chr14	104772033	+	C	1 chr14:104770744-104772452
## 2456	chr14	104772034	+	A	1 chr14:104770744-104772452
## 2457	chr14	104772035	+	C	1 chr14:104770744-104772452
## 2458	chr14	104772036	+	T	1 chr14:104770744-104772452
## 2459	chr14	104772037	+	G	1 chr14:104770744-104772452
## 2460	chr14	104772038	+	C	1 chr14:104770744-104772452
## 2461	chr14	104772039	+	A	1 chr14:104770744-104772452
## 2462	chr14	104772040	+	C	1 chr14:104770744-104772452
## 2463	chr14	104772041	+	A	1 chr14:104770744-104772452
## 2464	chr14	104772042	+	G	1 chr14:104770744-104772452
## 2465	chr14	104772043	+	C	1 chr14:104770744-104772452
## 2466	chr14	104772044	+	G	1 chr14:104770744-104772452
## 2467	chr14	104772045	+	T	1 chr14:104770744-104772452
## 2468	chr14	104772046	+	C	1 chr14:104770744-104772452
## 2469	chr14	104772047	+	A	1 chr14:104770744-104772452

## 2470	chr14	104772048	+	G	1 chr14:104770744-104772452
## 2471	chr14	104772049	+	G	1 chr14:104770744-104772452
## 2472	chr14	104772050	+	G	1 chr14:104770744-104772452
## 2473	chr14	104772051	+	A	1 chr14:104770744-104772452
## 2474	chr14	104772052	+	A	1 chr14:104770744-104772452
## 2475	chr14	104772053	+	G	1 chr14:104770744-104772452
## 2476	chr14	104772054	+	G	1 chr14:104770744-104772452
## 2477	chr14	104772055	+	G	1 chr14:104770744-104772452
## 2478	chr14	104772056	+	A	1 chr14:104770744-104772452
## 2479	chr14	104772057	+	A	1 chr14:104770744-104772452
## 2480	chr14	104772058	+	C	1 chr14:104770744-104772452
## 2481	chr14	104772059	+	C	1 chr14:104770744-104772452
## 2482	chr14	104772060	+	C	1 chr14:104770744-104772452
## 2483	chr14	104772061	+	C	2 chr14:104770744-104772452
## 2484	chr14	104772062	+	A	2 chr14:104770744-104772452
## 2485	chr14	104772063	+	A	2 chr14:104770744-104772452
## 2486	chr14	104772064	+	G	2 chr14:104770744-104772452
## 2487	chr14	104772065	+	G	2 chr14:104770744-104772452
## 2488	chr14	104772066	+	C	2 chr14:104770744-104772452
## 2489	chr14	104772067	+	T	2 chr14:104770744-104772452
## 2490	chr14	104772068	+	G	2 chr14:104770744-104772452
## 2491	chr14	104772069	+	G	2 chr14:104770744-104772452
## 2492	chr14	104772070	+	C	2 chr14:104770744-104772452
## 2493	chr14	104772071	+	A	2 chr14:104770744-104772452
## 2494	chr14	104772072	+	C	2 chr14:104770744-104772452
## 2495	chr14	104772073	+	T	3 chr14:104770744-104772452
## 2496	chr14	104772074	+	C	3 chr14:104770744-104772452
## 2497	chr14	104772075	+	A	3 chr14:104770744-104772452
## 2498	chr14	104772076	+	G	3 chr14:104770744-104772452
## 2499	chr14	104772077	+	A	3 chr14:104770744-104772452
## 2500	chr14	104772078	+	G	4 chr14:104770744-104772452
## 2501	chr14	104772079	+	T	3 chr14:104770744-104772452
## 2502	chr14	104772080	+	G	3 chr14:104770744-104772452
## 2503	chr14	104772081	+	T	3 chr14:104770744-104772452
## 2504	chr14	104772082	+	G	3 chr14:104770744-104772452
## 2505	chr14	104772083	+	A	3 chr14:104770744-104772452
## 2506	chr14	104772084	+	C	3 chr14:104770744-104772452
## 2507	chr14	104772085	+	A	3 chr14:104770744-104772452
## 2508	chr14	104772086	+	C	3 chr14:104770744-104772452
## 2509	chr14	104772087	+	A	3 chr14:104770744-104772452
## 2510	chr14	104772088	+	C	4 chr14:104770744-104772452
## 2511	chr14	104772089	+	C	4 chr14:104770744-104772452
## 2512	chr14	104772090	+	T	4 chr14:104770744-104772452
## 2513	chr14	104772091	+	C	4 chr14:104770744-104772452
## 2514	chr14	104772092	+	C	4 chr14:104770744-104772452
## 2515	chr14	104772093	+	G	4 chr14:104770744-104772452
## 2516	chr14	104772094	+	A	4 chr14:104770744-104772452
## 2517	chr14	104772095	+	G	4 chr14:104770744-104772452
## 2518	chr14	104772096	+	G	4 chr14:104770744-104772452
## 2519	chr14	104772097	+	G	4 chr14:104770744-104772452
## 2520	chr14	104772098	+	G	4 chr14:104770744-104772452
## 2521	chr14	104772099	+	A	4 chr14:104770744-104772452
## 2522	chr14	104772100	+	G	4 chr14:104770744-104772452
## 2523	chr14	104772101	+	G	4 chr14:104770744-104772452

## 2524	chr14	104772102	+	A	4	chr14:104770744-104772452
## 2525	chr14	104772103	+	G	4	chr14:104770744-104772452
## 2526	chr14	104772104	+	G	4	chr14:104770744-104772452
## 2527	chr14	104772105	+	A	4	chr14:104770744-104772452
## 2528	chr14	104772106	+	A	4	chr14:104770744-104772452
## 2529	chr14	104772107	+	A	4	chr14:104770744-104772452
## 2530	chr14	104772108	+	C	5	chr14:104770744-104772452
## 2531	chr14	104772109	+	T	5	chr14:104770744-104772452
## 2532	chr14	104772110	+	C	5	chr14:104770744-104772452
## 2533	chr14	104772111	+	A	6	chr14:104770744-104772452
## 2534	chr14	104772112	+	G	6	chr14:104770744-104772452
## 2535	chr14	104772113	+	A	6	chr14:104770744-104772452
## 2536	chr14	104772114	+	G	6	chr14:104770744-104772452
## 2537	chr14	104772115	+	T	6	chr14:104770744-104772452
## 2538	chr14	104772116	+	G	6	chr14:104770744-104772452
## 2539	chr14	104772117	+	T	6	chr14:104770744-104772452
## 2540	chr14	104772118	+	G	6	chr14:104770744-104772452
## 2541	chr14	104772119	+	A	6	chr14:104770744-104772452
## 2542	chr14	104772120	+	C	6	chr14:104770744-104772452
## 2543	chr14	104772121	+	A	6	chr14:104770744-104772452
## 2544	chr14	104772122	+	C	8	chr14:104770744-104772452
## 2545	chr14	104772123	+	A	8	chr14:104770744-104772452
## 2546	chr14	104772124	+	C	8	chr14:104770744-104772452
## 2547	chr14	104772125	+	C	8	chr14:104770744-104772452
## 2548	chr14	104772126	+	T	8	chr14:104770744-104772452
## 2549	chr14	104772127	+	C	8	chr14:104770744-104772452
## 2550	chr14	104772128	+	C	8	chr14:104770744-104772452
## 2551	chr14	104772129	+	G	9	chr14:104770744-104772452
## 2552	chr14	104772130	+	A	9	chr14:104770744-104772452
## 2553	chr14	104772131	+	G	9	chr14:104770744-104772452
## 2554	chr14	104772132	+	G	9	chr14:104770744-104772452
## 2555	chr14	104772133	+	G	12	chr14:104770744-104772452
## 2556	chr14	104772134	+	G	13	chr14:104770744-104772452
## 2557	chr14	104772135	+	A	13	chr14:104770744-104772452
## 2558	chr14	104772136	+	G	12	chr14:104770744-104772452
## 2559	chr14	104772137	+	G	12	chr14:104770744-104772452
## 2560	chr14	104772138	+	A	12	chr14:104770744-104772452
## 2561	chr14	104772139	+	G	15	chr14:104770744-104772452
## 2562	chr14	104772140	+	G	15	chr14:104770744-104772452
## 2563	chr14	104772141	+	A	15	chr14:104770744-104772452
## 2564	chr14	104772142	+	A	15	chr14:104770744-104772452
## 2565	chr14	104772143	+	A	15	chr14:104770744-104772452
## 2566	chr14	104772144	+	T	15	chr14:104770744-104772452
## 2567	chr14	104772145	+	G	15	chr14:104770744-104772452
## 2568	chr14	104772146	+	A	16	chr14:104770744-104772452
## 2569	chr14	104772147	+	G	16	chr14:104770744-104772452
## 2570	chr14	104772148	+	G	15	chr14:104770744-104772452
## 2571	chr14	104772149	+	A	15	chr14:104770744-104772452
## 2572	chr14	104772150	+	C	15	chr14:104770744-104772452
## 2573	chr14	104772151	+	C	16	chr14:104770744-104772452
## 2574	chr14	104772152	+	A	16	chr14:104770744-104772452
## 2575	chr14	104772153	+	G	17	chr14:104770744-104772452
## 2576	chr14	104772154	+	G	17	chr14:104770744-104772452
## 2577	chr14	104772155	+	C	20	chr14:104770744-104772452

## 2578	chr14 104772156	+	C	20	chr14:104770744-104772452
## 2579	chr14 104772157	+	A	20	chr14:104770744-104772452
## 2580	chr14 104772158	+	G	21	chr14:104770744-104772452
## 2581	chr14 104772159	+	T	21	chr14:104770744-104772452
## 2582	chr14 104772160	+	T	22	chr14:104770744-104772452
## 2583	chr14 104772161	+	T	22	chr14:104770744-104772452
## 2584	chr14 104772162	+	C	22	chr14:104770744-104772452
## 2585	chr14 104772163	+	C	21	chr14:104770744-104772452
## 2586	chr14 104772164	+	T	21	chr14:104770744-104772452
## 2587	chr14 104772165	+	G	21	chr14:104770744-104772452
## 2588	chr14 104772166	+	G	24	chr14:104770744-104772452
## 2589	chr14 104772167	+	T	26	chr14:104770744-104772452
## 2590	chr14 104772168	+	G	26	chr14:104770744-104772452
## 2591	chr14 104772169	+	G	29	chr14:104770744-104772452
## 2592	chr14 104772170	+	A	31	chr14:104770744-104772452
## 2593	chr14 104772171	+	A	31	chr14:104770744-104772452
## 2594	chr14 104772172	+	C	31	chr14:104770744-104772452
## 2595	chr14 104772173	+	C	32	chr14:104770744-104772452
## 2596	chr14 104772174	+	C	32	chr14:104770744-104772452
## 2597	chr14 104772175	+	G	33	chr14:104770744-104772452
## 2598	chr14 104772176	+	G	33	chr14:104770744-104772452
## 2599	chr14 104772177	+	C	36	chr14:104770744-104772452
## 2600	chr14 104772178	+	A	36	chr14:104770744-104772452
## 2601	chr14 104772179	+	G	36	chr14:104770744-104772452
## 2602	chr14 104772180	+	T	38	chr14:104770744-104772452
## 2603	chr14 104772181	+	G	39	chr14:104770744-104772452
## 2604	chr14 104772182	+	C	41	chr14:104770744-104772452
## 2605	chr14 104772183	+	C	40	chr14:104770744-104772452
## 2606	chr14 104772184	+	A	48	chr14:104770744-104772452
## 2607	chr14 104772185	+	G	52	chr14:104770744-104772452
## 2608	chr14 104772186	+	A	56	chr14:104770744-104772452
## 2609	chr14 104772187	+	G	61	chr14:104770744-104772452
## 2610	chr14 104772188	+	C	66	chr14:104770744-104772452
## 2611	chr14 104772189	+	C	66	chr14:104770744-104772452
## 2612	chr14 104772190	+	T	72	chr14:104770744-104772452
## 2613	chr14 104772191	+	C	72	chr14:104770744-104772452
## 2614	chr14 104772192	+	T	73	chr14:104770744-104772452
## 2615	chr14 104772193	+	G	72	chr14:104770744-104772452
## 2616	chr14 104772194	+	A	73	chr14:104770744-104772452
## 2617	chr14 104772195	+	G	77	chr14:104770744-104772452
## 2618	chr14 104772196	+	C	81	chr14:104770744-104772452
## 2619	chr14 104772197	+	A	79	chr14:104770744-104772452
## 2620	chr14 104772198	+	A	1	chr14:104770744-104772452
## 2621	chr14 104772198	+	C	83	chr14:104770744-104772452
## 2622	chr14 104772199	+	C	84	chr14:104770744-104772452
## 2623	chr14 104772200	+	A	87	chr14:104770744-104772452
## 2624	chr14 104772201	+	G	96	chr14:104770744-104772452
## 2625	chr14 104772202	+	G	96	chr14:104770744-104772452
## 2626	chr14 104772203	+	C	98	chr14:104770744-104772452
## 2627	chr14 104772204	+	G	99	chr14:104770744-104772452
## 2628	chr14 104772205	+	C	102	chr14:104770744-104772452
## 2629	chr14 104772206	+	T	103	chr14:104770744-104772452
## 2630	chr14 104772207	+	G	108	chr14:104770744-104772452
## 2631	chr14 104772208	+	A	107	chr14:104770744-104772452

## 2632	chr14	104772209	+	G	112	chr14:104770744-104772452
## 2633	chr14	104772210	+	A	1	chr14:104770744-104772452
## 2634	chr14	104772210	+	G	119	chr14:104770744-104772452
## 2635	chr14	104772211	+	T	121	chr14:104770744-104772452
## 2636	chr14	104772212	+	T	121	chr14:104770744-104772452
## 2637	chr14	104772213	+	G	121	chr14:104770744-104772452
## 2638	chr14	104772214	+	G	122	chr14:104770744-104772452
## 2639	chr14	104772215	+	T	123	chr14:104770744-104772452
## 2640	chr14	104772216	+	G	123	chr14:104770744-104772452
## 2641	chr14	104772217	+	C	130	chr14:104770744-104772452
## 2642	chr14	104772218	+	A	135	chr14:104770744-104772452
## 2643	chr14	104772219	+	G	140	chr14:104770744-104772452
## 2644	chr14	104772220	+	C	143	chr14:104770744-104772452
## 2645	chr14	104772221	+	A	147	chr14:104770744-104772452
## 2646	chr14	104772222	+	A	147	chr14:104770744-104772452
## 2647	chr14	104772223	+	G	150	chr14:104770744-104772452
## 2648	chr14	104772224	+	G	153	chr14:104770744-104772452
## 2649	chr14	104772225	+	C	161	chr14:104770744-104772452
## 2650	chr14	104772226	+	C	160	chr14:104770744-104772452
## 2651	chr14	104772227	+	A	1	chr14:104770744-104772452
## 2652	chr14	104772227	+	C	165	chr14:104770744-104772452
## 2653	chr14	104772228	+	T	170	chr14:104770744-104772452
## 2654	chr14	104772229	+	C	177	chr14:104770744-104772452
## 2655	chr14	104772230	+	C	179	chr14:104770744-104772452
## 2656	chr14	104772230	+	T	2	chr14:104770744-104772452
## 2657	chr14	104772231	+	T	185	chr14:104770744-104772452
## 2658	chr14	104772232	+	T	187	chr14:104770744-104772452
## 2659	chr14	104772233	+	G	190	chr14:104770744-104772452
## 2660	chr14	104772234	+	T	200	chr14:104770744-104772452
## 2661	chr14	104772235	+	A	204	chr14:104770744-104772452
## 2662	chr14	104772236	+	C	218	chr14:104770744-104772452
## 2663	chr14	104772237	+	C	221	chr14:104770744-104772452
## 2664	chr14	104772238	+	A	223	chr14:104770744-104772452
## 2665	chr14	104772239	+	G	227	chr14:104770744-104772452
## 2666	chr14	104772240	+	G	228	chr14:104770744-104772452
## 2667	chr14	104772241	+	A	230	chr14:104770744-104772452
## 2668	chr14	104772242	+	C	234	chr14:104770744-104772452
## 2669	chr14	104772242	-	C	1	chr14:104770744-104772452
## 2670	chr14	104772243	+	T	237	chr14:104770744-104772452
## 2671	chr14	104772243	-	T	1	chr14:104770744-104772452
## 2672	chr14	104772244	+	G	235	chr14:104770744-104772452
## 2673	chr14	104772244	-	G	1	chr14:104770744-104772452
## 2674	chr14	104772245	+	C	245	chr14:104770744-104772452
## 2675	chr14	104772245	-	C	1	chr14:104770744-104772452
## 2676	chr14	104772246	+	A	250	chr14:104770744-104772452
## 2677	chr14	104772246	-	A	1	chr14:104770744-104772452
## 2678	chr14	104772247	+	G	251	chr14:104770744-104772452
## 2679	chr14	104772247	-	G	1	chr14:104770744-104772452
## 2680	chr14	104772248	+	C	251	chr14:104770744-104772452
## 2681	chr14	104772248	-	C	1	chr14:104770744-104772452
## 2682	chr14	104772249	+	A	252	chr14:104770744-104772452
## 2683	chr14	104772249	-	A	1	chr14:104770744-104772452
## 2684	chr14	104772250	+	G	252	chr14:104770744-104772452
## 2685	chr14	104772250	-	G	1	chr14:104770744-104772452

## 2686	chr14	104772251	+	G	253	chr14:104770744-104772452
## 2687	chr14	104772251	-	G	1	chr14:104770744-104772452
## 2688	chr14	104772252	+	C	252	chr14:104770744-104772452
## 2689	chr14	104772252	-	C	1	chr14:104770744-104772452
## 2690	chr14	104772253	+	T	252	chr14:104770744-104772452
## 2691	chr14	104772253	-	T	1	chr14:104770744-104772452
## 2692	chr14	104772254	+	C	253	chr14:104770744-104772452
## 2693	chr14	104772254	-	C	1	chr14:104770744-104772452
## 2694	chr14	104772255	+	C	252	chr14:104770744-104772452
## 2695	chr14	104772255	-	C	1	chr14:104770744-104772452
## 2696	chr14	104772256	+	T	252	chr14:104770744-104772452
## 2697	chr14	104772256	-	T	1	chr14:104770744-104772452
## 2698	chr14	104772257	+	G	251	chr14:104770744-104772452
## 2699	chr14	104772257	-	G	1	chr14:104770744-104772452
## 2700	chr14	104772258	+	A	252	chr14:104770744-104772452
## 2701	chr14	104772258	-	A	1	chr14:104770744-104772452
## 2702	chr14	104772259	+	G	245	chr14:104770744-104772452
## 2703	chr14	104772259	-	G	1	chr14:104770744-104772452
## 2704	chr14	104772260	+	G	246	chr14:104770744-104772452
## 2705	chr14	104772260	-	G	1	chr14:104770744-104772452
## 2706	chr14	104772261	+	T	244	chr14:104770744-104772452
## 2707	chr14	104772261	-	T	1	chr14:104770744-104772452
## 2708	chr14	104772262	+	G	238	chr14:104770744-104772452
## 2709	chr14	104772262	-	G	2	chr14:104770744-104772452
## 2710	chr14	104772262	+	T	2	chr14:104770744-104772452
## 2711	chr14	104772263	+	A	243	chr14:104770744-104772452
## 2712	chr14	104772263	-	A	2	chr14:104770744-104772452
## 2713	chr14	104772263	+	G	1	chr14:104770744-104772452
## 2714	chr14	104772264	+	A	1	chr14:104770744-104772452
## 2715	chr14	104772264	+	G	243	chr14:104770744-104772452
## 2716	chr14	104772264	-	G	3	chr14:104770744-104772452
## 2717	chr14	104772265	+	G	242	chr14:104770744-104772452
## 2718	chr14	104772265	-	G	3	chr14:104770744-104772452
## 2719	chr14	104772266	+	G	248	chr14:104770744-104772452
## 2720	chr14	104772266	-	G	3	chr14:104770744-104772452
## 2721	chr14	104772267	+	C	245	chr14:104770744-104772452
## 2722	chr14	104772267	-	C	3	chr14:104770744-104772452
## 2723	chr14	104772267	+	T	2	chr14:104770744-104772452
## 2724	chr14	104772268	+	G	248	chr14:104770744-104772452
## 2725	chr14	104772268	-	G	3	chr14:104770744-104772452
## 2726	chr14	104772269	+	A	248	chr14:104770744-104772452
## 2727	chr14	104772269	-	A	3	chr14:104770744-104772452
## 2728	chr14	104772270	+	G	245	chr14:104770744-104772452
## 2729	chr14	104772270	-	G	3	chr14:104770744-104772452
## 2730	chr14	104772271	+	T	244	chr14:104770744-104772452
## 2731	chr14	104772271	-	T	3	chr14:104770744-104772452
## 2732	chr14	104772272	+	G	248	chr14:104770744-104772452
## 2733	chr14	104772272	-	G	3	chr14:104770744-104772452
## 2734	chr14	104772273	+	T	244	chr14:104770744-104772452
## 2735	chr14	104772273	-	T	3	chr14:104770744-104772452
## 2736	chr14	104772274	+	G	248	chr14:104770744-104772452
## 2737	chr14	104772274	-	G	3	chr14:104770744-104772452
## 2738	chr14	104772275	+	A	1	chr14:104770744-104772452
## 2739	chr14	104772275	+	T	245	chr14:104770744-104772452

## 2740	chr14 104772275	-	T	3	chr14:104770744-104772452
## 2741	chr14 104772276	+	G	239	chr14:104770744-104772452
## 2742	chr14 104772276	-	G	3	chr14:104770744-104772452
## 2743	chr14 104772277	+	G	244	chr14:104770744-104772452
## 2744	chr14 104772277	-	G	6	chr14:104770744-104772452
## 2745	chr14 104772278	+	G	243	chr14:104770744-104772452
## 2746	chr14 104772278	-	G	6	chr14:104770744-104772452
## 2747	chr14 104772279	+	A	243	chr14:104770744-104772452
## 2748	chr14 104772279	-	A	6	chr14:104770744-104772452
## 2749	chr14 104772280	+	A	242	chr14:104770744-104772452
## 2750	chr14 104772280	-	A	6	chr14:104770744-104772452
## 2751	chr14 104772281	+	A	244	chr14:104770744-104772452
## 2752	chr14 104772281	-	A	6	chr14:104770744-104772452
## 2753	chr14 104772282	+	T	240	chr14:104770744-104772452
## 2754	chr14 104772282	-	T	6	chr14:104770744-104772452
## 2755	chr14 104772283	+	C	243	chr14:104770744-104772452
## 2756	chr14 104772283	-	C	6	chr14:104770744-104772452
## 2757	chr14 104772284	+	T	239	chr14:104770744-104772452
## 2758	chr14 104772284	-	T	6	chr14:104770744-104772452
## 2759	chr14 104772285	+	G	235	chr14:104770744-104772452
## 2760	chr14 104772285	-	G	7	chr14:104770744-104772452
## 2761	chr14 104772285	+	T	1	chr14:104770744-104772452
## 2762	chr14 104772286	+	G	243	chr14:104770744-104772452
## 2763	chr14 104772286	-	G	7	chr14:104770744-104772452
## 2764	chr14 104772287	+	C	244	chr14:104770744-104772452
## 2765	chr14 104772287	-	C	7	chr14:104770744-104772452
## 2766	chr14 104772288	+	G	245	chr14:104770744-104772452
## 2767	chr14 104772288	-	G	7	chr14:104770744-104772452
## 2768	chr14 104772289	+	A	240	chr14:104770744-104772452
## 2769	chr14 104772289	-	A	7	chr14:104770744-104772452
## 2770	chr14 104772289	+	T	1	chr14:104770744-104772452
## 2771	chr14 104772290	+	G	243	chr14:104770744-104772452
## 2772	chr14 104772290	-	G	7	chr14:104770744-104772452
## 2773	chr14 104772291	+	C	241	chr14:104770744-104772452
## 2774	chr14 104772291	-	C	7	chr14:104770744-104772452
## 2775	chr14 104772291	+	T	3	chr14:104770744-104772452
## 2776	chr14 104772292	+	G	238	chr14:104770744-104772452
## 2777	chr14 104772292	-	G	7	chr14:104770744-104772452
## 2778	chr14 104772293	+	T	238	chr14:104770744-104772452
## 2779	chr14 104772293	-	T	7	chr14:104770744-104772452
## 2780	chr14 104772294	+	G	236	chr14:104770744-104772452
## 2781	chr14 104772294	-	G	10	chr14:104770744-104772452
## 2782	chr14 104772295	+	C	233	chr14:104770744-104772452
## 2783	chr14 104772295	-	C	11	chr14:104770744-104772452
## 2784	chr14 104772295	+	T	1	chr14:104770744-104772452
## 2785	chr14 104772296	+	C	235	chr14:104770744-104772452
## 2786	chr14 104772296	-	C	11	chr14:104770744-104772452
## 2787	chr14 104772297	+	A	240	chr14:104770744-104772452
## 2788	chr14 104772297	-	A	11	chr14:104770744-104772452
## 2789	chr14 104772298	+	C	236	chr14:104770744-104772452
## 2790	chr14 104772298	-	C	11	chr14:104770744-104772452
## 2791	chr14 104772298	+	T	2	chr14:104770744-104772452
## 2792	chr14 104772299	+	G	237	chr14:104770744-104772452
## 2793	chr14 104772299	-	G	11	chr14:104770744-104772452

## 2794	chr14 104772300	+	T	232	chr14:104770744-104772452
## 2795	chr14 104772300	-	T	11	chr14:104770744-104772452
## 2796	chr14 104772301	+	G	238	chr14:104770744-104772452
## 2797	chr14 104772301	-	G	12	chr14:104770744-104772452
## 2798	chr14 104772302	+	C	233	chr14:104770744-104772452
## 2799	chr14 104772302	-	C	12	chr14:104770744-104772452
## 2800	chr14 104772302	+	T	1	chr14:104770744-104772452
## 2801	chr14 104772303	+	A	234	chr14:104770744-104772452
## 2802	chr14 104772303	-	A	12	chr14:104770744-104772452
## 2803	chr14 104772304	+	T	232	chr14:104770744-104772452
## 2804	chr14 104772304	-	T	12	chr14:104770744-104772452
## 2805	chr14 104772305	+	G	230	chr14:104770744-104772452
## 2806	chr14 104772305	-	G	14	chr14:104770744-104772452
## 2807	chr14 104772306	+	C	233	chr14:104770744-104772452
## 2808	chr14 104772306	-	C	13	chr14:104770744-104772452
## 2809	chr14 104772306	-	T	1	chr14:104770744-104772452
## 2810	chr14 104772307	+	C	1	chr14:104770744-104772452
## 2811	chr14 104772307	+	G	233	chr14:104770744-104772452
## 2812	chr14 104772307	-	G	14	chr14:104770744-104772452
## 2813	chr14 104772308	+	T	234	chr14:104770744-104772452
## 2814	chr14 104772308	-	T	14	chr14:104770744-104772452
## 2815	chr14 104772309	+	G	227	chr14:104770744-104772452
## 2816	chr14 104772309	-	G	14	chr14:104770744-104772452
## 2817	chr14 104772310	+	A	232	chr14:104770744-104772452
## 2818	chr14 104772310	-	A	14	chr14:104770744-104772452
## 2819	chr14 104772311	+	G	222	chr14:104770744-104772452
## 2820	chr14 104772311	-	G	14	chr14:104770744-104772452
## 2821	chr14 104772312	+	T	232	chr14:104770744-104772452
## 2822	chr14 104772312	-	T	17	chr14:104770744-104772452
## 2823	chr14 104772313	+	G	232	chr14:104770744-104772452
## 2824	chr14 104772313	-	G	17	chr14:104770744-104772452
## 2825	chr14 104772314	+	T	230	chr14:104770744-104772452
## 2826	chr14 104772314	-	T	17	chr14:104770744-104772452
## 2827	chr14 104772315	+	A	1	chr14:104770744-104772452
## 2828	chr14 104772315	+	G	232	chr14:104770744-104772452
## 2829	chr14 104772315	-	G	17	chr14:104770744-104772452
## 2830	chr14 104772316	+	G	228	chr14:104770744-104772452
## 2831	chr14 104772316	-	G	17	chr14:104770744-104772452
## 2832	chr14 104772317	+	A	229	chr14:104770744-104772452
## 2833	chr14 104772317	-	A	16	chr14:104770744-104772452
## 2834	chr14 104772318	+	T	232	chr14:104770744-104772452
## 2835	chr14 104772318	-	T	16	chr14:104770744-104772452
## 2836	chr14 104772319	+	A	234	chr14:104770744-104772452
## 2837	chr14 104772319	-	A	16	chr14:104770744-104772452
## 2838	chr14 104772320	+	T	223	chr14:104770744-104772452
## 2839	chr14 104772320	-	T	16	chr14:104770744-104772452
## 2840	chr14 104772321	+	G	229	chr14:104770744-104772452
## 2841	chr14 104772321	-	G	16	chr14:104770744-104772452
## 2842	chr14 104772322	+	T	234	chr14:104770744-104772452
## 2843	chr14 104772322	-	T	16	chr14:104770744-104772452
## 2844	chr14 104772323	+	G	233	chr14:104770744-104772452
## 2845	chr14 104772323	-	G	16	chr14:104770744-104772452
## 2846	chr14 104772324	+	A	1	chr14:104770744-104772452
## 2847	chr14 104772324	+	G	233	chr14:104770744-104772452

## 2848	chr14 104772324	-	G	16	chr14:104770744-104772452
## 2849	chr14 104772325	+	G	234	chr14:104770744-104772452
## 2850	chr14 104772325	-	G	16	chr14:104770744-104772452
## 2851	chr14 104772326	+	G	230	chr14:104770744-104772452
## 2852	chr14 104772326	-	G	16	chr14:104770744-104772452
## 2853	chr14 104772327	+	A	235	chr14:104770744-104772452
## 2854	chr14 104772327	-	A	16	chr14:104770744-104772452
## 2855	chr14 104772328	+	G	236	chr14:104770744-104772452
## 2856	chr14 104772328	-	G	16	chr14:104770744-104772452
## 2857	chr14 104772329	+	C	236	chr14:104770744-104772452
## 2858	chr14 104772329	-	C	16	chr14:104770744-104772452
## 2859	chr14 104772330	+	A	236	chr14:104770744-104772452
## 2860	chr14 104772330	-	A	16	chr14:104770744-104772452
## 2861	chr14 104772331	+	T	236	chr14:104770744-104772452
## 2862	chr14 104772331	-	T	16	chr14:104770744-104772452
## 2863	chr14 104772332	+	G	236	chr14:104770744-104772452
## 2864	chr14 104772332	-	G	16	chr14:104770744-104772452
## 2865	chr14 104772333	+	C	236	chr14:104770744-104772452
## 2866	chr14 104772333	-	C	16	chr14:104770744-104772452
## 2867	chr14 104772334	+	G	236	chr14:104770744-104772452
## 2868	chr14 104772334	-	G	16	chr14:104770744-104772452
## 2869	chr14 104772335	+	T	232	chr14:104770744-104772452
## 2870	chr14 104772335	-	T	16	chr14:104770744-104772452
## 2871	chr14 104772336	+	C	1	chr14:104770744-104772452
## 2872	chr14 104772336	+	G	230	chr14:104770744-104772452
## 2873	chr14 104772336	-	G	16	chr14:104770744-104772452
## 2874	chr14 104772337	+	C	235	chr14:104770744-104772452
## 2875	chr14 104772337	-	C	15	chr14:104770744-104772452
## 2876	chr14 104772338	+	G	230	chr14:104770744-104772452
## 2877	chr14 104772338	-	G	15	chr14:104770744-104772452
## 2878	chr14 104772339	+	C	235	chr14:104770744-104772452
## 2879	chr14 104772339	-	C	14	chr14:104770744-104772452
## 2880	chr14 104772340	+	A	2	chr14:104770744-104772452
## 2881	chr14 104772340	+	G	232	chr14:104770744-104772452
## 2882	chr14 104772340	-	G	14	chr14:104770744-104772452
## 2883	chr14 104772341	+	T	231	chr14:104770744-104772452
## 2884	chr14 104772341	-	T	14	chr14:104770744-104772452
## 2885	chr14 104772342	+	G	236	chr14:104770744-104772452
## 2886	chr14 104772342	-	G	15	chr14:104770744-104772452
## 2887	chr14 104772343	+	A	236	chr14:104770744-104772452
## 2888	chr14 104772343	-	A	15	chr14:104770744-104772452
## 2889	chr14 104772344	+	A	235	chr14:104770744-104772452
## 2890	chr14 104772344	-	A	15	chr14:104770744-104772452
## 2891	chr14 104772345	+	T	235	chr14:104770744-104772452
## 2892	chr14 104772345	-	T	15	chr14:104770744-104772452
## 2893	chr14 104772346	+	A	233	chr14:104770744-104772452
## 2894	chr14 104772346	-	A	15	chr14:104770744-104772452
## 2895	chr14 104772347	+	T	233	chr14:104770744-104772452
## 2896	chr14 104772347	-	T	15	chr14:104770744-104772452
## 2897	chr14 104772348	+	G	235	chr14:104770744-104772452
## 2898	chr14 104772348	-	G	15	chr14:104770744-104772452
## 2899	chr14 104772349	+	C	232	chr14:104770744-104772452
## 2900	chr14 104772349	-	C	15	chr14:104770744-104772452
## 2901	chr14 104772350	+	G	232	chr14:104770744-104772452

## 2902	chr14	104772350	-	G	15	chr14:104770744-104772452
## 2903	chr14	104772351	+	G	234	chr14:104770744-104772452
## 2904	chr14	104772351	-	G	15	chr14:104770744-104772452
## 2905	chr14	104772352	+	G	231	chr14:104770744-104772452
## 2906	chr14	104772352	-	G	12	chr14:104770744-104772452
## 2907	chr14	104772353	+	G	237	chr14:104770744-104772452
## 2908	chr14	104772353	-	G	12	chr14:104770744-104772452
## 2909	chr14	104772353	+	T	1	chr14:104770744-104772452
## 2910	chr14	104772354	+	A	238	chr14:104770744-104772452
## 2911	chr14	104772354	-	A	12	chr14:104770744-104772452
## 2912	chr14	104772355	+	G	237	chr14:104770744-104772452
## 2913	chr14	104772355	-	G	12	chr14:104770744-104772452
## 2914	chr14	104772356	+	C	236	chr14:104770744-104772452
## 2915	chr14	104772356	-	C	12	chr14:104770744-104772452
## 2916	chr14	104772357	+	A	238	chr14:104770744-104772452
## 2917	chr14	104772357	-	A	12	chr14:104770744-104772452
## 2918	chr14	104772358	+	G	234	chr14:104770744-104772452
## 2919	chr14	104772358	-	G	12	chr14:104770744-104772452
## 2920	chr14	104772359	+	A	1	chr14:104770744-104772452
## 2921	chr14	104772359	+	C	236	chr14:104770744-104772452
## 2922	chr14	104772359	-	C	12	chr14:104770744-104772452
## 2923	chr14	104772360	+	C	234	chr14:104770744-104772452
## 2924	chr14	104772360	-	C	11	chr14:104770744-104772452
## 2925	chr14	104772361	+	G	233	chr14:104770744-104772452
## 2926	chr14	104772361	-	G	11	chr14:104770744-104772452
## 2927	chr14	104772362	+	C	239	chr14:104770744-104772452
## 2928	chr14	104772362	-	C	11	chr14:104770744-104772452
## 2929	chr14	104772363	+	A	239	chr14:104770744-104772452
## 2930	chr14	104772363	-	A	11	chr14:104770744-104772452
## 2931	chr14	104772364	+	C	239	chr14:104770744-104772452
## 2932	chr14	104772364	-	C	11	chr14:104770744-104772452
## 2933	chr14	104772365	+	A	1	chr14:104770744-104772452
## 2934	chr14	104772365	+	C	236	chr14:104770744-104772452
## 2935	chr14	104772365	-	C	11	chr14:104770744-104772452
## 2936	chr14	104772366	+	T	239	chr14:104770744-104772452
## 2937	chr14	104772366	-	T	11	chr14:104770744-104772452
## 2938	chr14	104772367	+	T	238	chr14:104770744-104772452
## 2939	chr14	104772367	-	T	11	chr14:104770744-104772452
## 2940	chr14	104772368	+	C	234	chr14:104770744-104772452
## 2941	chr14	104772368	-	C	11	chr14:104770744-104772452
## 2942	chr14	104772369	+	T	236	chr14:104770744-104772452
## 2943	chr14	104772369	-	T	8	chr14:104770744-104772452
## 2944	chr14	104772370	+	T	242	chr14:104770744-104772452
## 2945	chr14	104772370	-	T	7	chr14:104770744-104772452
## 2946	chr14	104772371	+	C	239	chr14:104770744-104772452
## 2947	chr14	104772371	-	C	7	chr14:104770744-104772452
## 2948	chr14	104772372	+	T	240	chr14:104770744-104772452
## 2949	chr14	104772372	-	T	7	chr14:104770744-104772452
## 2950	chr14	104772373	+	C	242	chr14:104770744-104772452
## 2951	chr14	104772373	-	C	7	chr14:104770744-104772452
## 2952	chr14	104772373	+	T	1	chr14:104770744-104772452
## 2953	chr14	104772374	+	G	243	chr14:104770744-104772452
## 2954	chr14	104772374	-	G	7	chr14:104770744-104772452
## 2955	chr14	104772375	+	T	241	chr14:104770744-104772452

## 2956	chr14 104772375	-	T	6	chr14:104770744-104772452
## 2957	chr14 104772376	+	A	238	chr14:104770744-104772452
## 2958	chr14 104772376	-	A	6	chr14:104770744-104772452
## 2959	chr14 104772377	+	C	241	chr14:104770744-104772452
## 2960	chr14 104772377	-	C	9	chr14:104770744-104772452
## 2961	chr14 104772378	+	A	237	chr14:104770744-104772452
## 2962	chr14 104772378	-	A	9	chr14:104770744-104772452
## 2963	chr14 104772379	+	C	237	chr14:104770744-104772452
## 2964	chr14 104772379	-	C	9	chr14:104770744-104772452
## 2965	chr14 104772380	+	G	236	chr14:104770744-104772452
## 2966	chr14 104772380	-	G	7	chr14:104770744-104772452
## 2967	chr14 104772381	+	T	238	chr14:104770744-104772452
## 2968	chr14 104772381	-	T	7	chr14:104770744-104772452
## 2969	chr14 104772382	+	G	240	chr14:104770744-104772452
## 2970	chr14 104772382	-	G	7	chr14:104770744-104772452
## 2971	chr14 104772383	+	C	240	chr14:104770744-104772452
## 2972	chr14 104772383	-	C	7	chr14:104770744-104772452
## 2973	chr14 104772383	+	T	1	chr14:104770744-104772452
## 2974	chr14 104772384	+	T	241	chr14:104770744-104772452
## 2975	chr14 104772384	-	T	7	chr14:104770744-104772452
## 2976	chr14 104772385	+	G	237	chr14:104770744-104772452
## 2977	chr14 104772385	-	G	7	chr14:104770744-104772452
## 2978	chr14 104772386	+	C	233	chr14:104770744-104772452
## 2979	chr14 104772386	-	C	13	chr14:104770744-104772452
## 2980	chr14 104772387	+	C	226	chr14:104770744-104772452
## 2981	chr14 104772387	-	C	10	chr14:104770744-104772452
## 2982	chr14 104772388	+	A	227	chr14:104770744-104772452
## 2983	chr14 104772388	-	A	19	chr14:104770744-104772452
## 2984	chr14 104772388	-	C	1	chr14:104770744-104772452
## 2985	chr14 104772389	+	C	228	chr14:104770744-104772452
## 2986	chr14 104772389	-	C	19	chr14:104770744-104772452
## 2987	chr14 104772389	+	T	1	chr14:104770744-104772452
## 2988	chr14 104772389	-	T	1	chr14:104770744-104772452
## 2989	chr14 104772390	+	A	227	chr14:104770744-104772452
## 2990	chr14 104772390	-	A	20	chr14:104770744-104772452
## 2991	chr14 104772391	+	C	230	chr14:104770744-104772452
## 2992	chr14 104772391	-	C	20	chr14:104770744-104772452
## 2993	chr14 104772392	+	A	1	chr14:104770744-104772452
## 2994	chr14 104772392	+	G	224	chr14:104770744-104772452
## 2995	chr14 104772392	-	G	20	chr14:104770744-104772452
## 2996	chr14 104772393	+	A	225	chr14:104770744-104772452
## 2997	chr14 104772393	-	A	20	chr14:104770744-104772452
## 2998	chr14 104772394	+	G	1	chr14:104770744-104772452
## 2999	chr14 104772394	+	T	227	chr14:104770744-104772452
## 3000	chr14 104772394	-	T	20	chr14:104770744-104772452
## 3001	chr14 104772395	+	A	229	chr14:104770744-104772452
## 3002	chr14 104772395	-	A	20	chr14:104770744-104772452
## 3003	chr14 104772396	+	C	219	chr14:104770744-104772452
## 3004	chr14 104772396	-	C	20	chr14:104770744-104772452
## 3005	chr14 104772397	+	C	225	chr14:104770744-104772452
## 3006	chr14 104772397	-	C	20	chr14:104770744-104772452
## 3007	chr14 104772397	+	T	1	chr14:104770744-104772452
## 3008	chr14 104772398	+	G	230	chr14:104770744-104772452
## 3009	chr14 104772398	-	G	20	chr14:104770744-104772452

## 3010	chr14 104772399	+	G	228	chr14:104770744-104772452
## 3011	chr14 104772399	-	G	20	chr14:104770744-104772452
## 3012	chr14 104772400	+	C	230	chr14:104770744-104772452
## 3013	chr14 104772400	-	C	20	chr14:104770744-104772452
## 3014	chr14 104772401	+	A	229	chr14:104770744-104772452
## 3015	chr14 104772401	-	A	20	chr14:104770744-104772452
## 3016	chr14 104772401	+	G	1	chr14:104770744-104772452
## 3017	chr14 104772402	+	A	226	chr14:104770744-104772452
## 3018	chr14 104772402	-	A	20	chr14:104770744-104772452
## 3019	chr14 104772403	+	A	228	chr14:104770744-104772452
## 3020	chr14 104772403	-	A	22	chr14:104770744-104772452
## 3021	chr14 104772404	+	G	228	chr14:104770744-104772452
## 3022	chr14 104772404	-	G	22	chr14:104770744-104772452
## 3023	chr14 104772405	+	A	228	chr14:104770744-104772452
## 3024	chr14 104772405	-	A	22	chr14:104770744-104772452
## 3025	chr14 104772406	+	A	228	chr14:104770744-104772452
## 3026	chr14 104772406	-	A	22	chr14:104770744-104772452
## 3027	chr14 104772407	+	G	228	chr14:104770744-104772452
## 3028	chr14 104772407	-	G	22	chr14:104770744-104772452
## 3029	chr14 104772408	+	A	1	chr14:104770744-104772452
## 3030	chr14 104772408	+	C	227	chr14:104770744-104772452
## 3031	chr14 104772408	-	C	22	chr14:104770744-104772452
## 3032	chr14 104772409	+	G	228	chr14:104770744-104772452
## 3033	chr14 104772409	-	G	22	chr14:104770744-104772452
## 3034	chr14 104772410	+	A	228	chr14:104770744-104772452
## 3035	chr14 104772410	-	A	22	chr14:104770744-104772452
## 3036	chr14 104772411	+	T	226	chr14:104770744-104772452
## 3037	chr14 104772411	-	T	22	chr14:104770744-104772452
## 3038	chr14 104772412	+	G	222	chr14:104770744-104772452
## 3039	chr14 104772412	-	G	25	chr14:104770744-104772452
## 3040	chr14 104772413	+	C	225	chr14:104770744-104772452
## 3041	chr14 104772413	-	C	25	chr14:104770744-104772452
## 3042	chr14 104772414	+	T	220	chr14:104770744-104772452
## 3043	chr14 104772414	-	T	25	chr14:104770744-104772452
## 3044	chr14 104772415	+	G	223	chr14:104770744-104772452
## 3045	chr14 104772415	-	G	26	chr14:104770744-104772452
## 3046	chr14 104772416	+	C	222	chr14:104770744-104772452
## 3047	chr14 104772416	-	C	26	chr14:104770744-104772452
## 3048	chr14 104772417	+	A	220	chr14:104770744-104772452
## 3049	chr14 104772417	-	A	25	chr14:104770744-104772452
## 3050	chr14 104772418	+	T	219	chr14:104770744-104772452
## 3051	chr14 104772418	-	T	31	chr14:104770744-104772452
## 3052	chr14 104772419	+	G	219	chr14:104770744-104772452
## 3053	chr14 104772419	-	G	31	chr14:104770744-104772452
## 3054	chr14 104772420	+	A	219	chr14:104770744-104772452
## 3055	chr14 104772420	-	A	31	chr14:104770744-104772452
## 3056	chr14 104772421	+	T	219	chr14:104770744-104772452
## 3057	chr14 104772421	-	T	31	chr14:104770744-104772452
## 3058	chr14 104772422	+	C	217	chr14:104770744-104772452
## 3059	chr14 104772422	-	C	31	chr14:104770744-104772452
## 3060	chr14 104772423	+	T	217	chr14:104770744-104772452
## 3061	chr14 104772423	-	T	31	chr14:104770744-104772452
## 3062	chr14 104772424	+	C	219	chr14:104770744-104772452
## 3063	chr14 104772424	-	C	31	chr14:104770744-104772452

## 3064	chr14	104772425	+	C	215	chr14:104770744-104772452
## 3065	chr14	104772425	-	C	32	chr14:104770744-104772452
## 3066	chr14	104772426	+	T	211	chr14:104770744-104772452
## 3067	chr14	104772426	-	T	36	chr14:104770744-104772452
## 3068	chr14	104772427	+	T	210	chr14:104770744-104772452
## 3069	chr14	104772427	-	T	39	chr14:104770744-104772452
## 3070	chr14	104772428	+	G	204	chr14:104770744-104772452
## 3071	chr14	104772428	-	G	39	chr14:104770744-104772452
## 3072	chr14	104772429	+	G	210	chr14:104770744-104772452
## 3073	chr14	104772429	-	G	40	chr14:104770744-104772452
## 3074	chr14	104772430	+	C	209	chr14:104770744-104772452
## 3075	chr14	104772430	-	C	40	chr14:104770744-104772452
## 3076	chr14	104772431	+	A	1	chr14:104770744-104772452
## 3077	chr14	104772431	+	G	208	chr14:104770744-104772452
## 3078	chr14	104772431	-	G	40	chr14:104770744-104772452
## 3079	chr14	104772432	+	T	208	chr14:104770744-104772452
## 3080	chr14	104772432	-	T	41	chr14:104770744-104772452
## 3081	chr14	104772433	+	C	208	chr14:104770744-104772452
## 3082	chr14	104772433	-	C	42	chr14:104770744-104772452
## 3083	chr14	104772434	+	C	204	chr14:104770744-104772452
## 3084	chr14	104772434	-	C	42	chr14:104770744-104772452
## 3085	chr14	104772435	+	G	1	chr14:104770744-104772452
## 3086	chr14	104772435	+	T	202	chr14:104770744-104772452
## 3087	chr14	104772435	-	T	46	chr14:104770744-104772452
## 3088	chr14	104772436	+	C	197	chr14:104770744-104772452
## 3089	chr14	104772436	-	C	48	chr14:104770744-104772452
## 3090	chr14	104772437	+	G	194	chr14:104770744-104772452
## 3091	chr14	104772437	-	G	50	chr14:104770744-104772452
## 3092	chr14	104772438	+	G	197	chr14:104770744-104772452
## 3093	chr14	104772438	-	G	53	chr14:104770744-104772452
## 3094	chr14	104772439	+	A	196	chr14:104770744-104772452
## 3095	chr14	104772439	-	A	53	chr14:104770744-104772452
## 3096	chr14	104772439	+	C	1	chr14:104770744-104772452
## 3097	chr14	104772440	+	G	197	chr14:104770744-104772452
## 3098	chr14	104772440	-	G	53	chr14:104770744-104772452
## 3099	chr14	104772441	+	C	195	chr14:104770744-104772452
## 3100	chr14	104772441	-	C	53	chr14:104770744-104772452
## 3101	chr14	104772442	+	A	1	chr14:104770744-104772452
## 3102	chr14	104772442	+	C	193	chr14:104770744-104772452
## 3103	chr14	104772442	-	C	56	chr14:104770744-104772452
## 3104	chr14	104772443	+	C	191	chr14:104770744-104772452
## 3105	chr14	104772443	-	C	57	chr14:104770744-104772452
## 3106	chr14	104772444	+	C	186	chr14:104770744-104772452
## 3107	chr14	104772444	-	C	59	chr14:104770744-104772452
## 3108	chr14	104772445	+	C	179	chr14:104770744-104772452
## 3109	chr14	104772445	-	C	64	chr14:104770744-104772452
## 3110	chr14	104772445	-	T	1	chr14:104770744-104772452
## 3111	chr14	104772446	+	G	177	chr14:104770744-104772452
## 3112	chr14	104772446	-	G	70	chr14:104770744-104772452
## 3113	chr14	104772447	+	C	172	chr14:104770744-104772452
## 3114	chr14	104772447	-	C	74	chr14:104770744-104772452
## 3115	chr14	104772448	+	C	169	chr14:104770744-104772452
## 3116	chr14	104772448	-	C	77	chr14:104770744-104772452
## 3117	chr14	104772448	-	T	1	chr14:104770744-104772452

## 3118	chr14 104772449	+	A	169	chr14:104770744-104772452
## 3119	chr14 104772449	-	A	81	chr14:104770744-104772452
## 3120	chr14 104772450	+	A	167	chr14:104770744-104772452
## 3121	chr14 104772450	-	A	82	chr14:104770744-104772452
## 3122	chr14 104772451	+	G	164	chr14:104770744-104772452
## 3123	chr14 104772451	-	G	84	chr14:104770744-104772452
## 3124	chr14 104772452	+	C	160	chr14:104770744-104772452
## 3125	chr14 104772452	-	C	84	chr14:104770744-104772452
## 3126	chr14 104772877	+	C	178	chr14:104772877-104773092
## 3127	chr14 104772877	-	C	113	chr14:104772877-104773092
## 3128	chr14 104772878	+	C	178	chr14:104772877-104773092
## 3129	chr14 104772878	-	C	112	chr14:104772877-104773092
## 3130	chr14 104772879	+	T	171	chr14:104772877-104773092
## 3131	chr14 104772879	-	T	111	chr14:104772877-104773092
## 3132	chr14 104772880	-	A	1	chr14:104772877-104773092
## 3133	chr14 104772880	+	C	170	chr14:104772877-104773092
## 3134	chr14 104772880	-	C	110	chr14:104772877-104773092
## 3135	chr14 104772881	+	T	164	chr14:104772877-104773092
## 3136	chr14 104772881	-	T	110	chr14:104772877-104773092
## 3137	chr14 104772882	+	G	164	chr14:104772877-104773092
## 3138	chr14 104772882	-	G	109	chr14:104772877-104773092
## 3139	chr14 104772883	+	C	161	chr14:104772877-104773092
## 3140	chr14 104772883	-	C	102	chr14:104772877-104773092
## 3141	chr14 104772884	+	T	158	chr14:104772877-104773092
## 3142	chr14 104772884	-	T	101	chr14:104772877-104773092
## 3143	chr14 104772885	+	T	153	chr14:104772877-104773092
## 3144	chr14 104772885	-	T	97	chr14:104772877-104773092
## 3145	chr14 104772886	+	A	1	chr14:104772877-104773092
## 3146	chr14 104772886	+	G	151	chr14:104772877-104773092
## 3147	chr14 104772886	-	G	95	chr14:104772877-104773092
## 3148	chr14 104772887	+	G	154	chr14:104772877-104773092
## 3149	chr14 104772887	-	G	90	chr14:104772877-104773092
## 3150	chr14 104772888	+	G	158	chr14:104772877-104773092
## 3151	chr14 104772888	-	G	88	chr14:104772877-104773092
## 3152	chr14 104772889	+	G	153	chr14:104772877-104773092
## 3153	chr14 104772889	-	G	89	chr14:104772877-104773092
## 3154	chr14 104772890	+	T	155	chr14:104772877-104773092
## 3155	chr14 104772890	-	T	81	chr14:104772877-104773092
## 3156	chr14 104772891	+	C	154	chr14:104772877-104773092
## 3157	chr14 104772891	-	C	80	chr14:104772877-104773092
## 3158	chr14 104772892	+	C	153	chr14:104772877-104773092
## 3159	chr14 104772892	-	C	74	chr14:104772877-104773092
## 3160	chr14 104772893	+	T	160	chr14:104772877-104773092
## 3161	chr14 104772893	-	T	76	chr14:104772877-104773092
## 3162	chr14 104772894	+	T	154	chr14:104772877-104773092
## 3163	chr14 104772894	-	T	71	chr14:104772877-104773092
## 3164	chr14 104772895	+	C	152	chr14:104772877-104773092
## 3165	chr14 104772895	-	C	70	chr14:104772877-104773092
## 3166	chr14 104772896	+	T	151	chr14:104772877-104773092
## 3167	chr14 104772896	-	T	67	chr14:104772877-104773092
## 3168	chr14 104772897	+	T	147	chr14:104772877-104773092
## 3169	chr14 104772897	-	T	70	chr14:104772877-104773092
## 3170	chr14 104772898	+	G	152	chr14:104772877-104773092
## 3171	chr14 104772898	-	G	66	chr14:104772877-104773092

## 3172	chr14	104772899	+	A	153	chr14:104772877-104773092
## 3173	chr14	104772899	-	A	66	chr14:104772877-104773092
## 3174	chr14	104772900	+	G	158	chr14:104772877-104773092
## 3175	chr14	104772900	-	G	70	chr14:104772877-104773092
## 3176	chr14	104772901	+	A	1	chr14:104772877-104773092
## 3177	chr14	104772901	-	A	1	chr14:104772877-104773092
## 3178	chr14	104772901	+	C	153	chr14:104772877-104773092
## 3179	chr14	104772901	-	C	67	chr14:104772877-104773092
## 3180	chr14	104772902	+	A	152	chr14:104772877-104773092
## 3181	chr14	104772902	-	A	64	chr14:104772877-104773092
## 3182	chr14	104772903	+	G	153	chr14:104772877-104773092
## 3183	chr14	104772903	-	G	61	chr14:104772877-104773092
## 3184	chr14	104772904	+	C	152	chr14:104772877-104773092
## 3185	chr14	104772904	-	C	62	chr14:104772877-104773092
## 3186	chr14	104772905	+	C	161	chr14:104772877-104773092
## 3187	chr14	104772905	-	C	58	chr14:104772877-104773092
## 3188	chr14	104772906	+	C	159	chr14:104772877-104773092
## 3189	chr14	104772906	-	C	59	chr14:104772877-104773092
## 3190	chr14	104772907	+	T	161	chr14:104772877-104773092
## 3191	chr14	104772907	-	T	55	chr14:104772877-104773092
## 3192	chr14	104772908	+	G	168	chr14:104772877-104773092
## 3193	chr14	104772908	-	G	55	chr14:104772877-104773092
## 3194	chr14	104772909	+	A	179	chr14:104772877-104773092
## 3195	chr14	104772909	-	A	54	chr14:104772877-104773092
## 3196	chr14	104772910	+	A	178	chr14:104772877-104773092
## 3197	chr14	104772910	-	A	52	chr14:104772877-104773092
## 3198	chr14	104772911	+	A	185	chr14:104772877-104773092
## 3199	chr14	104772911	-	A	50	chr14:104772877-104773092
## 3200	chr14	104772912	+	G	196	chr14:104772877-104773092
## 3201	chr14	104772912	-	G	47	chr14:104772877-104773092
## 3202	chr14	104772913	+	C	203	chr14:104772877-104773092
## 3203	chr14	104772913	-	C	47	chr14:104772877-104773092
## 3204	chr14	104772914	+	A	203	chr14:104772877-104773092
## 3205	chr14	104772914	-	A	47	chr14:104772877-104773092
## 3206	chr14	104772915	+	A	203	chr14:104772877-104773092
## 3207	chr14	104772915	-	A	47	chr14:104772877-104773092
## 3208	chr14	104772916	+	G	203	chr14:104772877-104773092
## 3209	chr14	104772916	-	G	47	chr14:104772877-104773092
## 3210	chr14	104772917	+	G	204	chr14:104772877-104773092
## 3211	chr14	104772917	-	G	47	chr14:104772877-104773092
## 3212	chr14	104772918	+	A	204	chr14:104772877-104773092
## 3213	chr14	104772918	-	A	47	chr14:104772877-104773092
## 3214	chr14	104772919	+	C	203	chr14:104772877-104773092
## 3215	chr14	104772919	-	C	47	chr14:104772877-104773092
## 3216	chr14	104772919	+	G	1	chr14:104772877-104773092
## 3217	chr14	104772920	+	T	204	chr14:104772877-104773092
## 3218	chr14	104772920	-	T	47	chr14:104772877-104773092
## 3219	chr14	104772921	+	T	204	chr14:104772877-104773092
## 3220	chr14	104772921	-	T	47	chr14:104772877-104773092
## 3221	chr14	104772922	+	G	201	chr14:104772877-104773092
## 3222	chr14	104772922	-	G	47	chr14:104772877-104773092
## 3223	chr14	104772922	+	T	3	chr14:104772877-104773092
## 3224	chr14	104772923	+	A	1	chr14:104772877-104773092
## 3225	chr14	104772923	+	G	203	chr14:104772877-104773092

## 3226	chr14 104772923	-	G	47	chr14:104772877-104773092
## 3227	chr14 104772923	+	T	1	chr14:104772877-104773092
## 3228	chr14 104772924	+	C	205	chr14:104772877-104773092
## 3229	chr14 104772924	-	C	47	chr14:104772877-104773092
## 3230	chr14 104772925	+	C	205	chr14:104772877-104773092
## 3231	chr14 104772925	-	C	47	chr14:104772877-104773092
## 3232	chr14 104772926	+	T	205	chr14:104772877-104773092
## 3233	chr14 104772926	-	T	47	chr14:104772877-104773092
## 3234	chr14 104772927	+	C	204	chr14:104772877-104773092
## 3235	chr14 104772927	-	C	47	chr14:104772877-104773092
## 3236	chr14 104772927	+	T	1	chr14:104772877-104773092
## 3237	chr14 104772928	+	G	204	chr14:104772877-104773092
## 3238	chr14 104772928	-	G	47	chr14:104772877-104773092
## 3239	chr14 104772928	+	T	1	chr14:104772877-104773092
## 3240	chr14 104772929	+	G	205	chr14:104772877-104773092
## 3241	chr14 104772929	-	G	47	chr14:104772877-104773092
## 3242	chr14 104772930	-	A	1	chr14:104772877-104773092
## 3243	chr14 104772930	+	G	205	chr14:104772877-104773092
## 3244	chr14 104772930	-	G	46	chr14:104772877-104773092
## 3245	chr14 104772931	+	A	205	chr14:104772877-104773092
## 3246	chr14 104772931	-	A	47	chr14:104772877-104773092
## 3247	chr14 104772932	+	C	205	chr14:104772877-104773092
## 3248	chr14 104772932	-	C	47	chr14:104772877-104773092
## 3249	chr14 104772933	+	C	205	chr14:104772877-104773092
## 3250	chr14 104772933	-	C	47	chr14:104772877-104773092
## 3251	chr14 104772934	+	A	205	chr14:104772877-104773092
## 3252	chr14 104772934	-	A	47	chr14:104772877-104773092
## 3253	chr14 104772935	+	A	206	chr14:104772877-104773092
## 3254	chr14 104772935	-	A	47	chr14:104772877-104773092
## 3255	chr14 104772936	-	A	2	chr14:104772877-104773092
## 3256	chr14 104772936	+	G	206	chr14:104772877-104773092
## 3257	chr14 104772936	-	G	45	chr14:104772877-104773092
## 3258	chr14 104772937	+	C	206	chr14:104772877-104773092
## 3259	chr14 104772937	-	C	47	chr14:104772877-104773092
## 3260	chr14 104772938	+	A	1	chr14:104772877-104773092
## 3261	chr14 104772938	+	G	205	chr14:104772877-104773092
## 3262	chr14 104772938	-	G	47	chr14:104772877-104773092
## 3263	chr14 104772939	+	T	206	chr14:104772877-104773092
## 3264	chr14 104772939	-	T	47	chr14:104772877-104773092
## 3265	chr14 104772940	+	G	206	chr14:104772877-104773092
## 3266	chr14 104772940	-	G	47	chr14:104772877-104773092
## 3267	chr14 104772941	+	C	206	chr14:104772877-104773092
## 3268	chr14 104772941	-	C	47	chr14:104772877-104773092
## 3269	chr14 104772942	+	G	206	chr14:104772877-104773092
## 3270	chr14 104772942	-	G	47	chr14:104772877-104773092
## 3271	chr14 104772943	+	C	205	chr14:104772877-104773092
## 3272	chr14 104772943	-	C	47	chr14:104772877-104773092
## 3273	chr14 104772943	+	T	1	chr14:104772877-104773092
## 3274	chr14 104772944	+	G	206	chr14:104772877-104773092
## 3275	chr14 104772944	-	G	47	chr14:104772877-104773092
## 3276	chr14 104772945	+	G	206	chr14:104772877-104773092
## 3277	chr14 104772945	-	G	47	chr14:104772877-104773092
## 3278	chr14 104772946	+	G	206	chr14:104772877-104773092
## 3279	chr14 104772946	-	G	47	chr14:104772877-104773092

## 3280	chr14 104772947	+	A	206	chr14:104772877-104773092
## 3281	chr14 104772947	-	A	47	chr14:104772877-104773092
## 3282	chr14 104772948	+	A	206	chr14:104772877-104773092
## 3283	chr14 104772948	-	A	47	chr14:104772877-104773092
## 3284	chr14 104772949	+	G	206	chr14:104772877-104773092
## 3285	chr14 104772949	-	G	47	chr14:104772877-104773092
## 3286	chr14 104772950	+	C	206	chr14:104772877-104773092
## 3287	chr14 104772950	-	C	47	chr14:104772877-104773092
## 3288	chr14 104772951	+	G	206	chr14:104772877-104773092
## 3289	chr14 104772951	-	G	47	chr14:104772877-104773092
## 3290	chr14 104772952	+	G	206	chr14:104772877-104773092
## 3291	chr14 104772952	-	G	47	chr14:104772877-104773092
## 3292	chr14 104772953	+	A	205	chr14:104772877-104773092
## 3293	chr14 104772953	-	A	47	chr14:104772877-104773092
## 3294	chr14 104772954	+	T	205	chr14:104772877-104773092
## 3295	chr14 104772954	-	T	47	chr14:104772877-104773092
## 3296	chr14 104772955	+	C	205	chr14:104772877-104773092
## 3297	chr14 104772955	-	C	47	chr14:104772877-104773092
## 3298	chr14 104772956	+	T	205	chr14:104772877-104773092
## 3299	chr14 104772956	-	T	47	chr14:104772877-104773092
## 3300	chr14 104772957	+	C	205	chr14:104772877-104773092
## 3301	chr14 104772957	-	C	47	chr14:104772877-104773092
## 3302	chr14 104772958	+	C	205	chr14:104772877-104773092
## 3303	chr14 104772958	-	C	45	chr14:104772877-104773092
## 3304	chr14 104772959	+	T	205	chr14:104772877-104773092
## 3305	chr14 104772959	-	T	45	chr14:104772877-104773092
## 3306	chr14 104772960	+	C	206	chr14:104772877-104773092
## 3307	chr14 104772960	-	C	45	chr14:104772877-104773092
## 3308	chr14 104772961	+	C	206	chr14:104772877-104773092
## 3309	chr14 104772961	-	C	45	chr14:104772877-104773092
## 3310	chr14 104772962	+	A	201	chr14:104772877-104773092
## 3311	chr14 104772962	-	A	45	chr14:104772877-104773092
## 3312	chr14 104772962	+	T	1	chr14:104772877-104773092
## 3313	chr14 104772963	+	A	1	chr14:104772877-104773092
## 3314	chr14 104772963	+	T	198	chr14:104772877-104773092
## 3315	chr14 104772963	-	T	45	chr14:104772877-104773092
## 3316	chr14 104772964	+	G	204	chr14:104772877-104773092
## 3317	chr14 104772964	-	G	43	chr14:104772877-104773092
## 3318	chr14 104772965	+	A	202	chr14:104772877-104773092
## 3319	chr14 104772965	-	A	43	chr14:104772877-104773092
## 3320	chr14 104772966	+	G	207	chr14:104772877-104773092
## 3321	chr14 104772966	-	G	43	chr14:104772877-104773092
## 3322	chr14 104772967	-	A	1	chr14:104772877-104773092
## 3323	chr14 104772967	+	G	206	chr14:104772877-104773092
## 3324	chr14 104772967	-	G	40	chr14:104772877-104773092
## 3325	chr14 104772968	+	A	196	chr14:104772877-104773092
## 3326	chr14 104772968	-	A	37	chr14:104772877-104773092
## 3327	chr14 104772969	+	T	205	chr14:104772877-104773092
## 3328	chr14 104772969	-	T	39	chr14:104772877-104773092
## 3329	chr14 104772970	+	G	210	chr14:104772877-104773092
## 3330	chr14 104772970	-	G	39	chr14:104772877-104773092
## 3331	chr14 104772971	+	A	210	chr14:104772877-104773092
## 3332	chr14 104772971	-	A	39	chr14:104772877-104773092
## 3333	chr14 104772972	-	A	1	chr14:104772877-104773092

## 3334	chr14 104772972	+	G	210	chr14:104772877-104773092
## 3335	chr14 104772972	-	G	34	chr14:104772877-104773092
## 3336	chr14 104772973	+	C	205	chr14:104772877-104773092
## 3337	chr14 104772973	-	C	31	chr14:104772877-104773092
## 3338	chr14 104772974	+	T	212	chr14:104772877-104773092
## 3339	chr14 104772974	-	T	34	chr14:104772877-104773092
## 3340	chr14 104772975	+	A	1	chr14:104772877-104773092
## 3341	chr14 104772975	+	C	209	chr14:104772877-104773092
## 3342	chr14 104772975	-	C	29	chr14:104772877-104773092
## 3343	chr14 104772976	+	A	218	chr14:104772877-104773092
## 3344	chr14 104772976	-	A	28	chr14:104772877-104773092
## 3345	chr14 104772977	+	A	223	chr14:104772877-104773092
## 3346	chr14 104772977	-	A	27	chr14:104772877-104773092
## 3347	chr14 104772978	+	A	220	chr14:104772877-104773092
## 3348	chr14 104772978	-	A	26	chr14:104772877-104773092
## 3349	chr14 104772979	+	A	223	chr14:104772877-104773092
## 3350	chr14 104772979	-	A	25	chr14:104772877-104773092
## 3351	chr14 104772980	+	A	212	chr14:104772877-104773092
## 3352	chr14 104772980	-	A	23	chr14:104772877-104773092
## 3353	chr14 104772980	+	C	1	chr14:104772877-104773092
## 3354	chr14 104772981	+	C	1	chr14:104772877-104773092
## 3355	chr14 104772981	+	G	212	chr14:104772877-104773092
## 3356	chr14 104772981	-	G	31	chr14:104772877-104773092
## 3357	chr14 104772981	+	T	2	chr14:104772877-104773092
## 3358	chr14 104772982	+	C	214	chr14:104772877-104773092
## 3359	chr14 104772982	-	C	28	chr14:104772877-104773092
## 3360	chr14 104772983	+	T	216	chr14:104772877-104773092
## 3361	chr14 104772983	-	T	25	chr14:104772877-104773092
## 3362	chr14 104772984	+	T	213	chr14:104772877-104773092
## 3363	chr14 104772984	-	T	24	chr14:104772877-104773092
## 3364	chr14 104772985	+	C	212	chr14:104772877-104773092
## 3365	chr14 104772985	-	C	30	chr14:104772877-104773092
## 3366	chr14 104772986	+	A	1	chr14:104772877-104773092
## 3367	chr14 104772986	+	T	210	chr14:104772877-104773092
## 3368	chr14 104772986	-	T	30	chr14:104772877-104773092
## 3369	chr14 104772987	+	A	1	chr14:104772877-104773092
## 3370	chr14 104772987	+	C	205	chr14:104772877-104773092
## 3371	chr14 104772987	-	C	29	chr14:104772877-104773092
## 3372	chr14 104772988	+	A	201	chr14:104772877-104773092
## 3373	chr14 104772988	-	A	42	chr14:104772877-104773092
## 3374	chr14 104772989	+	T	208	chr14:104772877-104773092
## 3375	chr14 104772989	-	T	42	chr14:104772877-104773092
## 3376	chr14 104772990	+	G	208	chr14:104772877-104773092
## 3377	chr14 104772990	-	G	42	chr14:104772877-104773092
## 3378	chr14 104772991	+	G	208	chr14:104772877-104773092
## 3379	chr14 104772991	-	G	42	chr14:104772877-104773092
## 3380	chr14 104772992	+	T	208	chr14:104772877-104773092
## 3381	chr14 104772992	-	T	42	chr14:104772877-104773092
## 3382	chr14 104772993	+	C	208	chr14:104772877-104773092
## 3383	chr14 104772993	-	C	42	chr14:104772877-104773092
## 3384	chr14 104772994	+	C	207	chr14:104772877-104773092
## 3385	chr14 104772994	-	C	42	chr14:104772877-104773092
## 3386	chr14 104772994	+	G	1	chr14:104772877-104773092
## 3387	chr14 104772995	+	A	1	chr14:104772877-104773092

## 3388	chr14	104772995	+	T	207	chr14:104772877-104773092
## 3389	chr14	104772995	-	T	42	chr14:104772877-104773092
## 3390	chr14	104772996	+	G	208	chr14:104772877-104773092
## 3391	chr14	104772996	-	G	42	chr14:104772877-104773092
## 3392	chr14	104772997	+	G	208	chr14:104772877-104773092
## 3393	chr14	104772997	-	G	42	chr14:104772877-104773092
## 3394	chr14	104772998	+	C	1	chr14:104772877-104773092
## 3395	chr14	104772998	+	T	207	chr14:104772877-104773092
## 3396	chr14	104772998	-	T	42	chr14:104772877-104773092
## 3397	chr14	104772999	+	T	208	chr14:104772877-104773092
## 3398	chr14	104772999	-	T	42	chr14:104772877-104773092
## 3399	chr14	104773000	+	G	208	chr14:104772877-104773092
## 3400	chr14	104773000	-	G	42	chr14:104772877-104773092
## 3401	chr14	104773001	+	T	208	chr14:104772877-104773092
## 3402	chr14	104773001	-	T	42	chr14:104772877-104773092
## 3403	chr14	104773002	+	A	208	chr14:104772877-104773092
## 3404	chr14	104773002	-	A	42	chr14:104772877-104773092
## 3405	chr14	104773003	+	G	208	chr14:104772877-104773092
## 3406	chr14	104773003	-	G	42	chr14:104772877-104773092
## 3407	chr14	104773004	+	A	208	chr14:104772877-104773092
## 3408	chr14	104773004	-	A	42	chr14:104772877-104773092
## 3409	chr14	104773005	+	A	208	chr14:104772877-104773092
## 3410	chr14	104773005	-	A	42	chr14:104772877-104773092
## 3411	chr14	104773006	+	G	208	chr14:104772877-104773092
## 3412	chr14	104773006	-	G	42	chr14:104772877-104773092
## 3413	chr14	104773007	+	G	208	chr14:104772877-104773092
## 3414	chr14	104773007	-	G	42	chr14:104772877-104773092
## 3415	chr14	104773008	+	G	208	chr14:104772877-104773092
## 3416	chr14	104773008	-	G	42	chr14:104772877-104773092
## 3417	chr14	104773009	+	C	208	chr14:104772877-104773092
## 3418	chr14	104773009	-	C	42	chr14:104772877-104773092
## 3419	chr14	104773010	+	A	207	chr14:104772877-104773092
## 3420	chr14	104773010	-	A	42	chr14:104772877-104773092
## 3421	chr14	104773010	+	C	1	chr14:104772877-104773092
## 3422	chr14	104773011	+	G	208	chr14:104772877-104773092
## 3423	chr14	104773011	-	G	42	chr14:104772877-104773092
## 3424	chr14	104773012	+	G	208	chr14:104772877-104773092
## 3425	chr14	104773012	-	G	42	chr14:104772877-104773092
## 3426	chr14	104773013	+	C	208	chr14:104772877-104773092
## 3427	chr14	104773013	-	C	41	chr14:104772877-104773092
## 3428	chr14	104773014	+	G	208	chr14:104772877-104773092
## 3429	chr14	104773014	-	G	41	chr14:104772877-104773092
## 3430	chr14	104773015	+	A	207	chr14:104772877-104773092
## 3431	chr14	104773015	-	A	41	chr14:104772877-104773092
## 3432	chr14	104773015	+	C	2	chr14:104772877-104773092
## 3433	chr14	104773016	+	C	209	chr14:104772877-104773092
## 3434	chr14	104773016	-	C	41	chr14:104772877-104773092
## 3435	chr14	104773017	+	C	208	chr14:104772877-104773092
## 3436	chr14	104773017	-	C	41	chr14:104772877-104773092
## 3437	chr14	104773018	+	A	1	chr14:104772877-104773092
## 3438	chr14	104773018	+	G	208	chr14:104772877-104773092
## 3439	chr14	104773018	-	G	41	chr14:104772877-104773092
## 3440	chr14	104773019	+	C	209	chr14:104772877-104773092
## 3441	chr14	104773019	-	C	41	chr14:104772877-104773092

## 3442	chr14	104773020	+	A	209	chr14:104772877-104773092
## 3443	chr14	104773020	-	A	41	chr14:104772877-104773092
## 3444	chr14	104773021	+	C	209	chr14:104772877-104773092
## 3445	chr14	104773021	-	C	41	chr14:104772877-104773092
## 3446	chr14	104773022	+	A	208	chr14:104772877-104773092
## 3447	chr14	104773022	-	A	41	chr14:104772877-104773092
## 3448	chr14	104773023	+	T	209	chr14:104772877-104773092
## 3449	chr14	104773023	-	T	41	chr14:104772877-104773092
## 3450	chr14	104773024	+	C	209	chr14:104772877-104773092
## 3451	chr14	104773024	-	C	41	chr14:104772877-104773092
## 3452	chr14	104773025	+	A	208	chr14:104772877-104773092
## 3453	chr14	104773025	-	A	41	chr14:104772877-104773092
## 3454	chr14	104773025	+	C	1	chr14:104772877-104773092
## 3455	chr14	104773026	+	T	209	chr14:104772877-104773092
## 3456	chr14	104773026	-	T	41	chr14:104772877-104773092
## 3457	chr14	104773027	+	C	209	chr14:104772877-104773092
## 3458	chr14	104773027	-	C	41	chr14:104772877-104773092
## 3459	chr14	104773028	+	T	209	chr14:104772877-104773092
## 3460	chr14	104773028	-	T	41	chr14:104772877-104773092
## 3461	chr14	104773029	+	C	210	chr14:104772877-104773092
## 3462	chr14	104773029	-	C	39	chr14:104772877-104773092
## 3463	chr14	104773029	-	T	2	chr14:104772877-104773092
## 3464	chr14	104773030	+	G	210	chr14:104772877-104773092
## 3465	chr14	104773030	-	G	41	chr14:104772877-104773092
## 3466	chr14	104773031	+	T	210	chr14:104772877-104773092
## 3467	chr14	104773031	-	T	41	chr14:104772877-104773092
## 3468	chr14	104773032	+	A	210	chr14:104772877-104773092
## 3469	chr14	104773032	-	A	40	chr14:104772877-104773092
## 3470	chr14	104773032	-	T	1	chr14:104772877-104773092
## 3471	chr14	104773033	+	C	210	chr14:104772877-104773092
## 3472	chr14	104773033	-	C	41	chr14:104772877-104773092
## 3473	chr14	104773034	+	A	210	chr14:104772877-104773092
## 3474	chr14	104773034	-	A	41	chr14:104772877-104773092
## 3475	chr14	104773035	+	T	210	chr14:104772877-104773092
## 3476	chr14	104773035	-	T	41	chr14:104772877-104773092
## 3477	chr14	104773036	+	G	209	chr14:104772877-104773092
## 3478	chr14	104773036	-	G	41	chr14:104772877-104773092
## 3479	chr14	104773037	+	A	209	chr14:104772877-104773092
## 3480	chr14	104773037	-	A	41	chr14:104772877-104773092
## 3481	chr14	104773038	+	C	206	chr14:104772877-104773092
## 3482	chr14	104773038	-	C	41	chr14:104772877-104773092
## 3483	chr14	104773039	+	C	204	chr14:104772877-104773092
## 3484	chr14	104773039	-	C	39	chr14:104772877-104773092
## 3485	chr14	104773040	+	A	208	chr14:104772877-104773092
## 3486	chr14	104773040	-	A	39	chr14:104772877-104773092
## 3487	chr14	104773041	+	C	207	chr14:104772877-104773092
## 3488	chr14	104773041	-	C	39	chr14:104772877-104773092
## 3489	chr14	104773042	+	G	211	chr14:104772877-104773092
## 3490	chr14	104773042	-	G	39	chr14:104772877-104773092
## 3491	chr14	104773043	+	C	208	chr14:104772877-104773092
## 3492	chr14	104773043	-	C	39	chr14:104772877-104773092
## 3493	chr14	104773044	+	C	200	chr14:104772877-104773092
## 3494	chr14	104773044	-	C	32	chr14:104772877-104773092
## 3495	chr14	104773044	+	T	1	chr14:104772877-104773092

## 3496	chr14 104773045	+	C	212	chr14:104772877-104773092
## 3497	chr14 104773045	-	C	32	chr14:104772877-104773092
## 3498	chr14 104773046	+	A	216	chr14:104772877-104773092
## 3499	chr14 104773046	-	A	32	chr14:104772877-104773092
## 3500	chr14 104773047	+	G	218	chr14:104772877-104773092
## 3501	chr14 104773047	-	G	32	chr14:104772877-104773092
## 3502	chr14 104773048	+	C	213	chr14:104772877-104773092
## 3503	chr14 104773048	-	C	32	chr14:104772877-104773092
## 3504	chr14 104773049	+	C	207	chr14:104772877-104773092
## 3505	chr14 104773049	-	C	33	chr14:104772877-104773092
## 3506	chr14 104773050	+	C	210	chr14:104772877-104773092
## 3507	chr14 104773050	-	C	36	chr14:104772877-104773092
## 3508	chr14 104773051	+	C	203	chr14:104772877-104773092
## 3509	chr14 104773051	-	C	36	chr14:104772877-104773092
## 3510	chr14 104773052	+	C	202	chr14:104772877-104773092
## 3511	chr14 104773052	-	C	41	chr14:104772877-104773092
## 3512	chr14 104773052	+	G	1	chr14:104772877-104773092
## 3513	chr14 104773052	+	T	2	chr14:104772877-104773092
## 3514	chr14 104773053	+	A	206	chr14:104772877-104773092
## 3515	chr14 104773053	-	A	42	chr14:104772877-104773092
## 3516	chr14 104773054	+	C	205	chr14:104772877-104773092
## 3517	chr14 104773054	-	C	42	chr14:104772877-104773092
## 3518	chr14 104773054	+	T	1	chr14:104772877-104773092
## 3519	chr14 104773055	+	C	206	chr14:104772877-104773092
## 3520	chr14 104773055	-	C	42	chr14:104772877-104773092
## 3521	chr14 104773056	+	A	199	chr14:104772877-104773092
## 3522	chr14 104773056	-	A	35	chr14:104772877-104773092
## 3523	chr14 104773057	+	G	212	chr14:104772877-104773092
## 3524	chr14 104773057	-	G	35	chr14:104772877-104773092
## 3525	chr14 104773058	+	C	1	chr14:104772877-104773092
## 3526	chr14 104773058	+	T	206	chr14:104772877-104773092
## 3527	chr14 104773058	-	T	35	chr14:104772877-104773092
## 3528	chr14 104773059	+	C	206	chr14:104772877-104773092
## 3529	chr14 104773059	-	C	35	chr14:104772877-104773092
## 3530	chr14 104773060	+	C	206	chr14:104772877-104773092
## 3531	chr14 104773060	-	C	32	chr14:104772877-104773092
## 3532	chr14 104773061	+	A	199	chr14:104772877-104773092
## 3533	chr14 104773061	-	A	40	chr14:104772877-104773092
## 3534	chr14 104773061	+	T	1	chr14:104772877-104773092
## 3535	chr14 104773062	+	C	199	chr14:104772877-104773092
## 3536	chr14 104773062	-	C	44	chr14:104772877-104773092
## 3537	chr14 104773063	+	A	1	chr14:104772877-104773092
## 3538	chr14 104773063	+	T	200	chr14:104772877-104773092
## 3539	chr14 104773063	-	T	34	chr14:104772877-104773092
## 3540	chr14 104773064	+	G	195	chr14:104772877-104773092
## 3541	chr14 104773064	-	G	47	chr14:104772877-104773092
## 3542	chr14 104773064	-	T	1	chr14:104772877-104773092
## 3543	chr14 104773065	+	C	196	chr14:104772877-104773092
## 3544	chr14 104773065	-	C	54	chr14:104772877-104773092
## 3545	chr14 104773066	+	A	195	chr14:104772877-104773092
## 3546	chr14 104773066	-	A	54	chr14:104772877-104773092
## 3547	chr14 104773067	+	C	197	chr14:104772877-104773092
## 3548	chr14 104773067	-	C	54	chr14:104772877-104773092
## 3549	chr14 104773068	+	G	196	chr14:104772877-104773092

## 3550	chr14 104773068	-	G	54	chr14:104772877-104773092
## 3551	chr14 104773068	+	T	1	chr14:104772877-104773092
## 3552	chr14 104773069	+	G	197	chr14:104772877-104773092
## 3553	chr14 104773069	-	G	54	chr14:104772877-104773092
## 3554	chr14 104773070	+	C	197	chr14:104772877-104773092
## 3555	chr14 104773070	-	C	54	chr14:104772877-104773092
## 3556	chr14 104773071	+	C	197	chr14:104772877-104773092
## 3557	chr14 104773071	-	C	54	chr14:104772877-104773092
## 3558	chr14 104773072	+	G	197	chr14:104772877-104773092
## 3559	chr14 104773072	-	G	54	chr14:104772877-104773092
## 3560	chr14 104773073	+	G	1	chr14:104772877-104773092
## 3561	chr14 104773073	+	T	196	chr14:104772877-104773092
## 3562	chr14 104773073	-	T	54	chr14:104772877-104773092
## 3563	chr14 104773074	+	A	197	chr14:104772877-104773092
## 3564	chr14 104773074	-	A	54	chr14:104772877-104773092
## 3565	chr14 104773075	+	G	197	chr14:104772877-104773092
## 3566	chr14 104773075	-	G	54	chr14:104772877-104773092
## 3567	chr14 104773076	+	T	197	chr14:104772877-104773092
## 3568	chr14 104773076	-	T	54	chr14:104772877-104773092
## 3569	chr14 104773077	+	C	196	chr14:104772877-104773092
## 3570	chr14 104773077	-	C	54	chr14:104772877-104773092
## 3571	chr14 104773077	+	T	1	chr14:104772877-104773092
## 3572	chr14 104773078	+	A	197	chr14:104772877-104773092
## 3573	chr14 104773078	-	A	54	chr14:104772877-104773092
## 3574	chr14 104773079	+	T	197	chr14:104772877-104773092
## 3575	chr14 104773079	-	T	54	chr14:104772877-104773092
## 3576	chr14 104773080	+	T	197	chr14:104772877-104773092
## 3577	chr14 104773080	-	T	54	chr14:104772877-104773092
## 3578	chr14 104773081	+	G	197	chr14:104772877-104773092
## 3579	chr14 104773081	-	G	54	chr14:104772877-104773092
## 3580	chr14 104773082	+	T	197	chr14:104772877-104773092
## 3581	chr14 104773082	-	T	54	chr14:104772877-104773092
## 3582	chr14 104773083	+	C	197	chr14:104772877-104773092
## 3583	chr14 104773083	-	C	54	chr14:104772877-104773092
## 3584	chr14 104773084	+	A	3	chr14:104772877-104773092
## 3585	chr14 104773084	+	C	194	chr14:104772877-104773092
## 3586	chr14 104773084	-	C	54	chr14:104772877-104773092
## 3587	chr14 104773085	+	T	197	chr14:104772877-104773092
## 3588	chr14 104773085	-	T	54	chr14:104772877-104773092
## 3589	chr14 104773086	+	C	197	chr14:104772877-104773092
## 3590	chr14 104773086	-	C	54	chr14:104772877-104773092
## 3591	chr14 104773087	+	C	197	chr14:104772877-104773092
## 3592	chr14 104773087	-	C	54	chr14:104772877-104773092
## 3593	chr14 104773088	+	A	197	chr14:104772877-104773092
## 3594	chr14 104773088	-	A	54	chr14:104772877-104773092
## 3595	chr14 104773089	+	G	196	chr14:104772877-104773092
## 3596	chr14 104773089	-	G	54	chr14:104772877-104773092
## 3597	chr14 104773090	+	C	195	chr14:104772877-104773092
## 3598	chr14 104773090	-	C	53	chr14:104772877-104773092
## 3599	chr14 104773091	+	A	196	chr14:104772877-104773092
## 3600	chr14 104773091	-	A	53	chr14:104772877-104773092
## 3601	chr14 104773092	+	C	197	chr14:104772877-104773092
## 3602	chr14 104773092	-	C	53	chr14:104772877-104773092
## 3603	chr14 104773250	+	C	238	chr14:104773250-104773379

## 3604	chr14	104773250	-	C	79	chr14:104773250-104773379
## 3605	chr14	104773251	+	C	229	chr14:104773250-104773379
## 3606	chr14	104773251	-	C	75	chr14:104773250-104773379
## 3607	chr14	104773252	+	T	210	chr14:104773250-104773379
## 3608	chr14	104773252	-	T	61	chr14:104773250-104773379
## 3609	chr14	104773253	+	C	196	chr14:104773250-104773379
## 3610	chr14	104773253	-	C	50	chr14:104773250-104773379
## 3611	chr14	104773254	+	G	172	chr14:104773250-104773379
## 3612	chr14	104773254	-	G	45	chr14:104773250-104773379
## 3613	chr14	104773255	+	G	180	chr14:104773250-104773379
## 3614	chr14	104773255	-	G	57	chr14:104773250-104773379
## 3615	chr14	104773256	+	G	163	chr14:104773250-104773379
## 3616	chr14	104773256	-	G	44	chr14:104773250-104773379
## 3617	chr14	104773257	+	G	185	chr14:104773250-104773379
## 3618	chr14	104773257	-	G	39	chr14:104773250-104773379
## 3619	chr14	104773258	+	G	190	chr14:104773250-104773379
## 3620	chr14	104773258	-	G	37	chr14:104773250-104773379
## 3621	chr14	104773259	+	C	183	chr14:104773250-104773379
## 3622	chr14	104773259	-	C	31	chr14:104773250-104773379
## 3623	chr14	104773260	+	C	189	chr14:104773250-104773379
## 3624	chr14	104773260	-	C	48	chr14:104773250-104773379
## 3625	chr14	104773260	+	T	1	chr14:104773250-104773379
## 3626	chr14	104773261	+	A	200	chr14:104773250-104773379
## 3627	chr14	104773261	-	A	49	chr14:104773250-104773379
## 3628	chr14	104773262	-	A	3	chr14:104773250-104773379
## 3629	chr14	104773262	+	G	201	chr14:104773250-104773379
## 3630	chr14	104773262	-	G	46	chr14:104773250-104773379
## 3631	chr14	104773263	+	G	201	chr14:104773250-104773379
## 3632	chr14	104773263	-	G	49	chr14:104773250-104773379
## 3633	chr14	104773264	+	T	201	chr14:104773250-104773379
## 3634	chr14	104773264	-	T	49	chr14:104773250-104773379
## 3635	chr14	104773265	+	A	201	chr14:104773250-104773379
## 3636	chr14	104773265	-	A	48	chr14:104773250-104773379
## 3637	chr14	104773265	-	T	1	chr14:104773250-104773379
## 3638	chr14	104773266	+	C	201	chr14:104773250-104773379
## 3639	chr14	104773266	-	C	49	chr14:104773250-104773379
## 3640	chr14	104773267	+	T	201	chr14:104773250-104773379
## 3641	chr14	104773267	-	T	49	chr14:104773250-104773379
## 3642	chr14	104773268	+	C	201	chr14:104773250-104773379
## 3643	chr14	104773268	-	C	49	chr14:104773250-104773379
## 3644	chr14	104773269	+	A	201	chr14:104773250-104773379
## 3645	chr14	104773269	-	A	49	chr14:104773250-104773379
## 3646	chr14	104773270	+	G	201	chr14:104773250-104773379
## 3647	chr14	104773270	-	G	49	chr14:104773250-104773379
## 3648	chr14	104773271	+	G	201	chr14:104773250-104773379
## 3649	chr14	104773271	-	G	49	chr14:104773250-104773379
## 3650	chr14	104773272	+	T	201	chr14:104773250-104773379
## 3651	chr14	104773272	-	T	49	chr14:104773250-104773379
## 3652	chr14	104773273	-	A	3	chr14:104773250-104773379
## 3653	chr14	104773273	+	G	201	chr14:104773250-104773379
## 3654	chr14	104773273	-	G	46	chr14:104773250-104773379
## 3655	chr14	104773274	+	T	201	chr14:104773250-104773379
## 3656	chr14	104773274	-	T	49	chr14:104773250-104773379
## 3657	chr14	104773275	+	G	201	chr14:104773250-104773379

## 3658	chr14 104773275	-	G	49	chr14:104773250-104773379
## 3659	chr14 104773276	+	C	200	chr14:104773250-104773379
## 3660	chr14 104773276	-	C	49	chr14:104773250-104773379
## 3661	chr14 104773276	+	T	1	chr14:104773250-104773379
## 3662	chr14 104773277	+	C	201	chr14:104773250-104773379
## 3663	chr14 104773277	-	C	49	chr14:104773250-104773379
## 3664	chr14 104773278	-	A	8	chr14:104773250-104773379
## 3665	chr14 104773278	+	G	201	chr14:104773250-104773379
## 3666	chr14 104773278	-	G	41	chr14:104773250-104773379
## 3667	chr14 104773279	+	C	201	chr14:104773250-104773379
## 3668	chr14 104773279	-	C	49	chr14:104773250-104773379
## 3669	chr14 104773280	+	A	201	chr14:104773250-104773379
## 3670	chr14 104773280	-	A	49	chr14:104773250-104773379
## 3671	chr14 104773281	+	A	201	chr14:104773250-104773379
## 3672	chr14 104773281	-	A	49	chr14:104773250-104773379
## 3673	chr14 104773282	+	A	201	chr14:104773250-104773379
## 3674	chr14 104773282	-	A	49	chr14:104773250-104773379
## 3675	chr14 104773283	+	A	201	chr14:104773250-104773379
## 3676	chr14 104773283	-	A	49	chr14:104773250-104773379
## 3677	chr14 104773284	+	G	201	chr14:104773250-104773379
## 3678	chr14 104773284	-	G	49	chr14:104773250-104773379
## 3679	chr14 104773285	+	G	201	chr14:104773250-104773379
## 3680	chr14 104773285	-	G	49	chr14:104773250-104773379
## 3681	chr14 104773286	+	T	201	chr14:104773250-104773379
## 3682	chr14 104773286	-	T	49	chr14:104773250-104773379
## 3683	chr14 104773287	+	C	201	chr14:104773250-104773379
## 3684	chr14 104773287	-	C	49	chr14:104773250-104773379
## 3685	chr14 104773288	+	T	201	chr14:104773250-104773379
## 3686	chr14 104773288	-	T	49	chr14:104773250-104773379
## 3687	chr14 104773289	+	T	201	chr14:104773250-104773379
## 3688	chr14 104773289	-	T	49	chr14:104773250-104773379
## 3689	chr14 104773290	+	C	201	chr14:104773250-104773379
## 3690	chr14 104773290	-	C	49	chr14:104773250-104773379
## 3691	chr14 104773291	+	A	201	chr14:104773250-104773379
## 3692	chr14 104773291	-	A	49	chr14:104773250-104773379
## 3693	chr14 104773292	+	T	200	chr14:104773250-104773379
## 3694	chr14 104773292	-	T	49	chr14:104773250-104773379
## 3695	chr14 104773293	+	G	201	chr14:104773250-104773379
## 3696	chr14 104773293	-	G	49	chr14:104773250-104773379
## 3697	chr14 104773294	+	G	201	chr14:104773250-104773379
## 3698	chr14 104773294	-	G	49	chr14:104773250-104773379
## 3699	chr14 104773295	+	T	201	chr14:104773250-104773379
## 3700	chr14 104773295	-	T	49	chr14:104773250-104773379
## 3701	chr14 104773296	+	G	201	chr14:104773250-104773379
## 3702	chr14 104773296	-	G	49	chr14:104773250-104773379
## 3703	chr14 104773297	+	G	201	chr14:104773250-104773379
## 3704	chr14 104773297	-	G	49	chr14:104773250-104773379
## 3705	chr14 104773298	+	C	201	chr14:104773250-104773379
## 3706	chr14 104773298	-	C	49	chr14:104773250-104773379
## 3707	chr14 104773299	+	A	200	chr14:104773250-104773379
## 3708	chr14 104773299	-	A	49	chr14:104773250-104773379
## 3709	chr14 104773300	+	C	202	chr14:104773250-104773379
## 3710	chr14 104773300	-	C	49	chr14:104773250-104773379
## 3711	chr14 104773301	+	C	202	chr14:104773250-104773379

## 3712	chr14	104773301	-	C	49	chr14:104773250-104773379
## 3713	chr14	104773302	+	G	202	chr14:104773250-104773379
## 3714	chr14	104773302	-	G	49	chr14:104773250-104773379
## 3715	chr14	104773303	+	A	1	chr14:104773250-104773379
## 3716	chr14	104773303	+	T	201	chr14:104773250-104773379
## 3717	chr14	104773303	-	T	49	chr14:104773250-104773379
## 3718	chr14	104773304	+	C	202	chr14:104773250-104773379
## 3719	chr14	104773304	-	C	49	chr14:104773250-104773379
## 3720	chr14	104773305	+	C	202	chr14:104773250-104773379
## 3721	chr14	104773305	-	C	49	chr14:104773250-104773379
## 3722	chr14	104773306	+	T	202	chr14:104773250-104773379
## 3723	chr14	104773306	-	T	49	chr14:104773250-104773379
## 3724	chr14	104773307	+	T	202	chr14:104773250-104773379
## 3725	chr14	104773307	-	T	49	chr14:104773250-104773379
## 3726	chr14	104773308	+	G	202	chr14:104773250-104773379
## 3727	chr14	104773308	-	G	49	chr14:104773250-104773379
## 3728	chr14	104773309	+	A	202	chr14:104773250-104773379
## 3729	chr14	104773309	-	A	49	chr14:104773250-104773379
## 3730	chr14	104773310	+	T	202	chr14:104773250-104773379
## 3731	chr14	104773310	-	T	49	chr14:104773250-104773379
## 3732	chr14	104773311	+	C	201	chr14:104773250-104773379
## 3733	chr14	104773311	-	C	49	chr14:104773250-104773379
## 3734	chr14	104773312	+	C	201	chr14:104773250-104773379
## 3735	chr14	104773312	-	C	49	chr14:104773250-104773379
## 3736	chr14	104773313	+	C	201	chr14:104773250-104773379
## 3737	chr14	104773313	-	C	49	chr14:104773250-104773379
## 3738	chr14	104773314	+	C	201	chr14:104773250-104773379
## 3739	chr14	104773314	-	C	49	chr14:104773250-104773379
## 3740	chr14	104773315	+	T	202	chr14:104773250-104773379
## 3741	chr14	104773315	-	T	49	chr14:104773250-104773379
## 3742	chr14	104773316	+	C	202	chr14:104773250-104773379
## 3743	chr14	104773316	-	C	49	chr14:104773250-104773379
## 3744	chr14	104773317	+	C	201	chr14:104773250-104773379
## 3745	chr14	104773317	-	C	49	chr14:104773250-104773379
## 3746	chr14	104773318	+	T	201	chr14:104773250-104773379
## 3747	chr14	104773318	-	T	49	chr14:104773250-104773379
## 3748	chr14	104773319	+	T	201	chr14:104773250-104773379
## 3749	chr14	104773319	-	T	49	chr14:104773250-104773379
## 3750	chr14	104773320	+	A	2	chr14:104773250-104773379
## 3751	chr14	104773320	+	G	199	chr14:104773250-104773379
## 3752	chr14	104773320	-	G	49	chr14:104773250-104773379
## 3753	chr14	104773321	+	C	201	chr14:104773250-104773379
## 3754	chr14	104773321	-	C	49	chr14:104773250-104773379
## 3755	chr14	104773322	+	A	201	chr14:104773250-104773379
## 3756	chr14	104773322	-	A	49	chr14:104773250-104773379
## 3757	chr14	104773323	+	C	201	chr14:104773250-104773379
## 3758	chr14	104773323	-	C	49	chr14:104773250-104773379
## 3759	chr14	104773324	+	A	199	chr14:104773250-104773379
## 3760	chr14	104773324	-	A	49	chr14:104773250-104773379
## 3761	chr14	104773324	+	C	1	chr14:104773250-104773379
## 3762	chr14	104773325	+	G	201	chr14:104773250-104773379
## 3763	chr14	104773325	-	G	49	chr14:104773250-104773379
## 3764	chr14	104773326	+	C	201	chr14:104773250-104773379
## 3765	chr14	104773326	-	C	49	chr14:104773250-104773379

## 3766	chr14 104773327	+	C	201	chr14:104773250-104773379
## 3767	chr14 104773327	-	C	49	chr14:104773250-104773379
## 3768	chr14 104773328	+	C	201	chr14:104773250-104773379
## 3769	chr14 104773328	-	C	49	chr14:104773250-104773379
## 3770	chr14 104773329	+	G	202	chr14:104773250-104773379
## 3771	chr14 104773329	-	G	44	chr14:104773250-104773379
## 3772	chr14 104773330	+	A	187	chr14:104773250-104773379
## 3773	chr14 104773330	-	A	31	chr14:104773250-104773379
## 3774	chr14 104773331	+	A	206	chr14:104773250-104773379
## 3775	chr14 104773331	-	A	31	chr14:104773250-104773379
## 3776	chr14 104773332	+	G	186	chr14:104773250-104773379
## 3777	chr14 104773332	-	G	26	chr14:104773250-104773379
## 3778	chr14 104773333	+	T	205	chr14:104773250-104773379
## 3779	chr14 104773333	-	T	18	chr14:104773250-104773379
## 3780	chr14 104773334	+	C	185	chr14:104773250-104773379
## 3781	chr14 104773334	-	C	39	chr14:104773250-104773379
## 3782	chr14 104773334	+	T	4	chr14:104773250-104773379
## 3783	chr14 104773335	+	T	198	chr14:104773250-104773379
## 3784	chr14 104773335	-	T	28	chr14:104773250-104773379
## 3785	chr14 104773336	+	G	199	chr14:104773250-104773379
## 3786	chr14 104773336	-	G	40	chr14:104773250-104773379
## 3787	chr14 104773337	+	T	209	chr14:104773250-104773379
## 3788	chr14 104773337	-	T	40	chr14:104773250-104773379
## 3789	chr14 104773338	+	G	210	chr14:104773250-104773379
## 3790	chr14 104773338	-	G	40	chr14:104773250-104773379
## 3791	chr14 104773339	+	A	210	chr14:104773250-104773379
## 3792	chr14 104773339	-	A	40	chr14:104773250-104773379
## 3793	chr14 104773340	+	T	210	chr14:104773250-104773379
## 3794	chr14 104773340	-	T	40	chr14:104773250-104773379
## 3795	chr14 104773341	+	C	207	chr14:104773250-104773379
## 3796	chr14 104773341	-	C	40	chr14:104773250-104773379
## 3797	chr14 104773341	+	T	3	chr14:104773250-104773379
## 3798	chr14 104773342	+	C	1	chr14:104773250-104773379
## 3799	chr14 104773342	+	T	209	chr14:104773250-104773379
## 3800	chr14 104773342	-	T	40	chr14:104773250-104773379
## 3801	chr14 104773343	+	T	210	chr14:104773250-104773379
## 3802	chr14 104773343	-	T	40	chr14:104773250-104773379
## 3803	chr14 104773344	+	A	210	chr14:104773250-104773379
## 3804	chr14 104773344	-	A	40	chr14:104773250-104773379
## 3805	chr14 104773345	+	A	210	chr14:104773250-104773379
## 3806	chr14 104773345	-	A	40	chr14:104773250-104773379
## 3807	chr14 104773346	+	T	210	chr14:104773250-104773379
## 3808	chr14 104773346	-	T	40	chr14:104773250-104773379
## 3809	chr14 104773347	+	G	210	chr14:104773250-104773379
## 3810	chr14 104773347	-	G	40	chr14:104773250-104773379
## 3811	chr14 104773348	+	G	1	chr14:104773250-104773379
## 3812	chr14 104773348	+	T	209	chr14:104773250-104773379
## 3813	chr14 104773348	-	T	40	chr14:104773250-104773379
## 3814	chr14 104773349	+	G	210	chr14:104773250-104773379
## 3815	chr14 104773349	-	G	40	chr14:104773250-104773379
## 3816	chr14 104773350	+	A	1	chr14:104773250-104773379
## 3817	chr14 104773350	+	C	209	chr14:104773250-104773379
## 3818	chr14 104773350	-	C	40	chr14:104773250-104773379
## 3819	chr14 104773351	+	C	209	chr14:104773250-104773379

## 3820	chr14	104773351	-	C	40	chr14:104773250-104773379
## 3821	chr14	104773351	+	G	1	chr14:104773250-104773379
## 3822	chr14	104773352	+	A	1	chr14:104773250-104773379
## 3823	chr14	104773352	+	C	208	chr14:104773250-104773379
## 3824	chr14	104773352	-	C	40	chr14:104773250-104773379
## 3825	chr14	104773352	+	T	1	chr14:104773250-104773379
## 3826	chr14	104773353	+	-	1	chr14:104773250-104773379
## 3827	chr14	104773353	+	G	208	chr14:104773250-104773379
## 3828	chr14	104773353	-	G	40	chr14:104773250-104773379
## 3829	chr14	104773353	+	T	1	chr14:104773250-104773379
## 3830	chr14	104773354	+	T	210	chr14:104773250-104773379
## 3831	chr14	104773354	-	T	40	chr14:104773250-104773379
## 3832	chr14	104773355	+	A	1	chr14:104773250-104773379
## 3833	chr14	104773355	+	C	209	chr14:104773250-104773379
## 3834	chr14	104773355	-	C	40	chr14:104773250-104773379
## 3835	chr14	104773356	+	C	209	chr14:104773250-104773379
## 3836	chr14	104773356	-	C	40	chr14:104773250-104773379
## 3837	chr14	104773356	+	T	1	chr14:104773250-104773379
## 3838	chr14	104773357	+	T	210	chr14:104773250-104773379
## 3839	chr14	104773357	-	T	40	chr14:104773250-104773379
## 3840	chr14	104773358	+	T	210	chr14:104773250-104773379
## 3841	chr14	104773358	-	T	40	chr14:104773250-104773379
## 3842	chr14	104773359	+	G	210	chr14:104773250-104773379
## 3843	chr14	104773359	-	G	40	chr14:104773250-104773379
## 3844	chr14	104773360	+	T	210	chr14:104773250-104773379
## 3845	chr14	104773360	-	T	40	chr14:104773250-104773379
## 3846	chr14	104773361	+	C	210	chr14:104773250-104773379
## 3847	chr14	104773361	-	C	40	chr14:104773250-104773379
## 3848	chr14	104773362	+	C	210	chr14:104773250-104773379
## 3849	chr14	104773362	-	C	40	chr14:104773250-104773379
## 3850	chr14	104773363	+	A	209	chr14:104773250-104773379
## 3851	chr14	104773363	-	A	40	chr14:104773250-104773379
## 3852	chr14	104773364	+	G	211	chr14:104773250-104773379
## 3853	chr14	104773364	-	G	40	chr14:104773250-104773379
## 3854	chr14	104773365	+	C	211	chr14:104773250-104773379
## 3855	chr14	104773365	-	C	40	chr14:104773250-104773379
## 3856	chr14	104773366	+	A	211	chr14:104773250-104773379
## 3857	chr14	104773366	-	A	40	chr14:104773250-104773379
## 3858	chr14	104773367	+	T	211	chr14:104773250-104773379
## 3859	chr14	104773367	-	T	40	chr14:104773250-104773379
## 3860	chr14	104773368	+	G	210	chr14:104773250-104773379
## 3861	chr14	104773368	-	G	40	chr14:104773250-104773379
## 3862	chr14	104773369	+	A	210	chr14:104773250-104773379
## 3863	chr14	104773369	-	A	39	chr14:104773250-104773379
## 3864	chr14	104773369	-	G	1	chr14:104773250-104773379
## 3865	chr14	104773370	+	G	210	chr14:104773250-104773379
## 3866	chr14	104773370	-	G	40	chr14:104773250-104773379
## 3867	chr14	104773371	+	G	210	chr14:104773250-104773379
## 3868	chr14	104773371	-	G	40	chr14:104773250-104773379
## 3869	chr14	104773372	+	T	210	chr14:104773250-104773379
## 3870	chr14	104773372	-	T	40	chr14:104773250-104773379
## 3871	chr14	104773373	+	T	210	chr14:104773250-104773379
## 3872	chr14	104773373	-	T	40	chr14:104773250-104773379
## 3873	chr14	104773374	+	C	210	chr14:104773250-104773379

## 3874	chr14	104773374	-	C	40	chr14:104773250-104773379
## 3875	chr14	104773375	+	T	209	chr14:104773250-104773379
## 3876	chr14	104773375	-	T	40	chr14:104773250-104773379
## 3877	chr14	104773376	+	C	210	chr14:104773250-104773379
## 3878	chr14	104773376	-	C	40	chr14:104773250-104773379
## 3879	chr14	104773377	+	C	210	chr14:104773250-104773379
## 3880	chr14	104773377	-	C	40	chr14:104773250-104773379
## 3881	chr14	104773378	+	A	211	chr14:104773250-104773379
## 3882	chr14	104773378	-	A	40	chr14:104773250-104773379
## 3883	chr14	104773379	+	G	210	chr14:104773250-104773379
## 3884	chr14	104773379	-	G	40	chr14:104773250-104773379
## 3885	chr14	104773454	+	C	199	chr14:104773454-104773580
## 3886	chr14	104773454	-	C	122	chr14:104773454-104773580
## 3887	chr14	104773455	+	C	166	chr14:104773454-104773580
## 3888	chr14	104773455	-	C	66	chr14:104773454-104773580
## 3889	chr14	104773455	-	G	1	chr14:104773454-104773580
## 3890	chr14	104773456	+	T	149	chr14:104773454-104773580
## 3891	chr14	104773456	-	T	45	chr14:104773454-104773580
## 3892	chr14	104773457	+	T	166	chr14:104773454-104773580
## 3893	chr14	104773457	-	T	58	chr14:104773454-104773580
## 3894	chr14	104773458	+	G	170	chr14:104773454-104773580
## 3895	chr14	104773458	-	G	53	chr14:104773454-104773580
## 3896	chr14	104773459	+	A	163	chr14:104773454-104773580
## 3897	chr14	104773459	-	A	33	chr14:104773454-104773580
## 3898	chr14	104773459	+	C	1	chr14:104773454-104773580
## 3899	chr14	104773460	-	A	1	chr14:104773454-104773580
## 3900	chr14	104773460	+	G	206	chr14:104773454-104773580
## 3901	chr14	104773460	-	G	43	chr14:104773454-104773580
## 3902	chr14	104773461	+	G	206	chr14:104773454-104773580
## 3903	chr14	104773461	-	G	44	chr14:104773454-104773580
## 3904	chr14	104773462	+	T	206	chr14:104773454-104773580
## 3905	chr14	104773462	-	T	44	chr14:104773454-104773580
## 3906	chr14	104773463	+	C	206	chr14:104773454-104773580
## 3907	chr14	104773463	-	C	44	chr14:104773454-104773580
## 3908	chr14	104773464	+	C	206	chr14:104773454-104773580
## 3909	chr14	104773464	-	C	44	chr14:104773454-104773580
## 3910	chr14	104773465	+	C	206	chr14:104773454-104773580
## 3911	chr14	104773465	-	C	44	chr14:104773454-104773580
## 3912	chr14	104773466	+	A	1	chr14:104773454-104773580
## 3913	chr14	104773466	+	G	205	chr14:104773454-104773580
## 3914	chr14	104773466	-	G	44	chr14:104773454-104773580
## 3915	chr14	104773467	+	G	205	chr14:104773454-104773580
## 3916	chr14	104773467	-	G	44	chr14:104773454-104773580
## 3917	chr14	104773468	+	C	1	chr14:104773454-104773580
## 3918	chr14	104773468	+	T	204	chr14:104773454-104773580
## 3919	chr14	104773468	-	T	44	chr14:104773454-104773580
## 3920	chr14	104773469	+	A	205	chr14:104773454-104773580
## 3921	chr14	104773469	-	A	44	chr14:104773454-104773580
## 3922	chr14	104773470	+	C	207	chr14:104773454-104773580
## 3923	chr14	104773470	-	C	44	chr14:104773454-104773580
## 3924	chr14	104773471	+	A	206	chr14:104773454-104773580
## 3925	chr14	104773471	-	A	44	chr14:104773454-104773580
## 3926	chr14	104773472	+	C	207	chr14:104773454-104773580
## 3927	chr14	104773472	-	C	44	chr14:104773454-104773580

## 3928	chr14 104773473	+	C	204	chr14:104773454-104773580
## 3929	chr14 104773473	-	C	44	chr14:104773454-104773580
## 3930	chr14 104773474	+	A	204	chr14:104773454-104773580
## 3931	chr14 104773474	-	A	44	chr14:104773454-104773580
## 3932	chr14 104773475	+	C	207	chr14:104773454-104773580
## 3933	chr14 104773475	-	C	44	chr14:104773454-104773580
## 3934	chr14 104773476	+	G	207	chr14:104773454-104773580
## 3935	chr14 104773476	-	G	44	chr14:104773454-104773580
## 3936	chr14 104773477	-	C	1	chr14:104773454-104773580
## 3937	chr14 104773477	+	T	207	chr14:104773454-104773580
## 3938	chr14 104773477	-	T	43	chr14:104773454-104773580
## 3939	chr14 104773478	+	T	208	chr14:104773454-104773580
## 3940	chr14 104773478	-	T	44	chr14:104773454-104773580
## 3941	chr14 104773479	+	C	207	chr14:104773454-104773580
## 3942	chr14 104773479	-	C	44	chr14:104773454-104773580
## 3943	chr14 104773479	+	T	1	chr14:104773454-104773580
## 3944	chr14 104773480	+	G	1	chr14:104773454-104773580
## 3945	chr14 104773480	+	T	207	chr14:104773454-104773580
## 3946	chr14 104773480	-	T	44	chr14:104773454-104773580
## 3947	chr14 104773481	+	T	209	chr14:104773454-104773580
## 3948	chr14 104773481	-	T	44	chr14:104773454-104773580
## 3949	chr14 104773482	+	C	208	chr14:104773454-104773580
## 3950	chr14 104773482	-	C	44	chr14:104773454-104773580
## 3951	chr14 104773482	+	G	1	chr14:104773454-104773580
## 3952	chr14 104773483	+	T	210	chr14:104773454-104773580
## 3953	chr14 104773483	-	T	44	chr14:104773454-104773580
## 3954	chr14 104773484	+	C	204	chr14:104773454-104773580
## 3955	chr14 104773484	-	C	43	chr14:104773454-104773580
## 3956	chr14 104773484	+	T	6	chr14:104773454-104773580
## 3957	chr14 104773484	-	T	1	chr14:104773454-104773580
## 3958	chr14 104773485	+	C	211	chr14:104773454-104773580
## 3959	chr14 104773485	-	C	44	chr14:104773454-104773580
## 3960	chr14 104773486	+	G	211	chr14:104773454-104773580
## 3961	chr14 104773486	-	G	44	chr14:104773454-104773580
## 3962	chr14 104773487	+	A	211	chr14:104773454-104773580
## 3963	chr14 104773487	-	A	44	chr14:104773454-104773580
## 3964	chr14 104773487	+	G	1	chr14:104773454-104773580
## 3965	chr14 104773488	+	G	212	chr14:104773454-104773580
## 3966	chr14 104773488	-	G	44	chr14:104773454-104773580
## 3967	chr14 104773489	+	T	212	chr14:104773454-104773580
## 3968	chr14 104773489	-	T	44	chr14:104773454-104773580
## 3969	chr14 104773490	+	G	213	chr14:104773454-104773580
## 3970	chr14 104773490	-	G	44	chr14:104773454-104773580
## 3971	chr14 104773491	+	C	214	chr14:104773454-104773580
## 3972	chr14 104773491	-	C	44	chr14:104773454-104773580
## 3973	chr14 104773492	+	A	214	chr14:104773454-104773580
## 3974	chr14 104773492	-	A	44	chr14:104773454-104773580
## 3975	chr14 104773493	+	G	213	chr14:104773454-104773580
## 3976	chr14 104773493	-	G	44	chr14:104773454-104773580
## 3977	chr14 104773493	+	T	1	chr14:104773454-104773580
## 3978	chr14 104773494	+	G	214	chr14:104773454-104773580
## 3979	chr14 104773494	-	G	44	chr14:104773454-104773580
## 3980	chr14 104773495	+	A	1	chr14:104773454-104773580
## 3981	chr14 104773495	+	C	1	chr14:104773454-104773580

## 3982	chr14	104773495	+	T	211	chr14:104773454-104773580
## 3983	chr14	104773495	-	T	44	chr14:104773454-104773580
## 3984	chr14	104773496	+	A	213	chr14:104773454-104773580
## 3985	chr14	104773496	-	A	44	chr14:104773454-104773580
## 3986	chr14	104773496	+	G	1	chr14:104773454-104773580
## 3987	chr14	104773497	+	A	1	chr14:104773454-104773580
## 3988	chr14	104773497	+	G	213	chr14:104773454-104773580
## 3989	chr14	104773497	-	G	44	chr14:104773454-104773580
## 3990	chr14	104773498	+	T	214	chr14:104773454-104773580
## 3991	chr14	104773498	-	T	44	chr14:104773454-104773580
## 3992	chr14	104773499	+	C	213	chr14:104773454-104773580
## 3993	chr14	104773499	-	C	44	chr14:104773454-104773580
## 3994	chr14	104773499	+	T	1	chr14:104773454-104773580
## 3995	chr14	104773500	+	C	214	chr14:104773454-104773580
## 3996	chr14	104773500	-	C	44	chr14:104773454-104773580
## 3997	chr14	104773501	+	A	214	chr14:104773454-104773580
## 3998	chr14	104773501	-	A	44	chr14:104773454-104773580
## 3999	chr14	104773502	+	G	215	chr14:104773454-104773580
## 4000	chr14	104773502	-	G	44	chr14:104773454-104773580
## 4001	chr14	104773503	+	G	215	chr14:104773454-104773580
## 4002	chr14	104773503	-	G	44	chr14:104773454-104773580
## 4003	chr14	104773504	+	G	215	chr14:104773454-104773580
## 4004	chr14	104773504	-	G	44	chr14:104773454-104773580
## 4005	chr14	104773505	+	A	1	chr14:104773454-104773580
## 4006	chr14	104773505	+	C	214	chr14:104773454-104773580
## 4007	chr14	104773505	-	C	44	chr14:104773454-104773580
## 4008	chr14	104773506	+	T	216	chr14:104773454-104773580
## 4009	chr14	104773506	-	T	44	chr14:104773454-104773580
## 4010	chr14	104773507	+	G	216	chr14:104773454-104773580
## 4011	chr14	104773507	-	G	44	chr14:104773454-104773580
## 4012	chr14	104773508	+	A	215	chr14:104773454-104773580
## 4013	chr14	104773508	-	A	44	chr14:104773454-104773580
## 4014	chr14	104773508	+	C	1	chr14:104773454-104773580
## 4015	chr14	104773509	+	C	216	chr14:104773454-104773580
## 4016	chr14	104773509	-	C	44	chr14:104773454-104773580
## 4017	chr14	104773510	+	A	215	chr14:104773454-104773580
## 4018	chr14	104773510	-	A	44	chr14:104773454-104773580
## 4019	chr14	104773511	+	C	216	chr14:104773454-104773580
## 4020	chr14	104773511	-	C	44	chr14:104773454-104773580
## 4021	chr14	104773512	+	A	214	chr14:104773454-104773580
## 4022	chr14	104773512	-	A	43	chr14:104773454-104773580
## 4023	chr14	104773512	-	G	1	chr14:104773454-104773580
## 4024	chr14	104773513	+	A	213	chr14:104773454-104773580
## 4025	chr14	104773513	-	A	44	chr14:104773454-104773580
## 4026	chr14	104773514	+	T	213	chr14:104773454-104773580
## 4027	chr14	104773514	-	T	44	chr14:104773454-104773580
## 4028	chr14	104773515	+	A	1	chr14:104773454-104773580
## 4029	chr14	104773515	+	C	212	chr14:104773454-104773580
## 4030	chr14	104773515	-	C	44	chr14:104773454-104773580
## 4031	chr14	104773516	+	T	213	chr14:104773454-104773580
## 4032	chr14	104773516	-	T	44	chr14:104773454-104773580
## 4033	chr14	104773517	+	A	1	chr14:104773454-104773580
## 4034	chr14	104773517	+	C	212	chr14:104773454-104773580
## 4035	chr14	104773517	-	C	44	chr14:104773454-104773580

## 4036	chr14	104773518	+	A	213	chr14:104773454-104773580
## 4037	chr14	104773518	-	A	44	chr14:104773454-104773580
## 4038	chr14	104773519	+	G	213	chr14:104773454-104773580
## 4039	chr14	104773519	-	G	44	chr14:104773454-104773580
## 4040	chr14	104773520	+	C	213	chr14:104773454-104773580
## 4041	chr14	104773520	-	C	44	chr14:104773454-104773580
## 4042	chr14	104773521	+	G	213	chr14:104773454-104773580
## 4043	chr14	104773521	-	G	44	chr14:104773454-104773580
## 4044	chr14	104773522	+	C	213	chr14:104773454-104773580
## 4045	chr14	104773522	-	C	44	chr14:104773454-104773580
## 4046	chr14	104773523	+	C	213	chr14:104773454-104773580
## 4047	chr14	104773523	-	C	44	chr14:104773454-104773580
## 4048	chr14	104773524	+	A	212	chr14:104773454-104773580
## 4049	chr14	104773524	-	A	45	chr14:104773454-104773580
## 4050	chr14	104773525	+	T	212	chr14:104773454-104773580
## 4051	chr14	104773525	-	T	45	chr14:104773454-104773580
## 4052	chr14	104773526	+	A	211	chr14:104773454-104773580
## 4053	chr14	104773526	-	A	45	chr14:104773454-104773580
## 4054	chr14	104773527	+	G	211	chr14:104773454-104773580
## 4055	chr14	104773527	-	G	45	chr14:104773454-104773580
## 4056	chr14	104773528	+	A	211	chr14:104773454-104773580
## 4057	chr14	104773528	-	A	45	chr14:104773454-104773580
## 4058	chr14	104773529	+	A	211	chr14:104773454-104773580
## 4059	chr14	104773529	-	A	45	chr14:104773454-104773580
## 4060	chr14	104773530	+	G	211	chr14:104773454-104773580
## 4061	chr14	104773530	-	G	45	chr14:104773454-104773580
## 4062	chr14	104773531	+	C	194	chr14:104773454-104773580
## 4063	chr14	104773531	-	C	45	chr14:104773454-104773580
## 4064	chr14	104773532	+	G	173	chr14:104773454-104773580
## 4065	chr14	104773532	-	G	21	chr14:104773454-104773580
## 4066	chr14	104773533	+	G	154	chr14:104773454-104773580
## 4067	chr14	104773533	-	G	61	chr14:104773454-104773580
## 4068	chr14	104773534	+	G	128	chr14:104773454-104773580
## 4069	chr14	104773534	-	G	91	chr14:104773454-104773580
## 4070	chr14	104773535	+	C	89	chr14:104773454-104773580
## 4071	chr14	104773535	-	C	108	chr14:104773454-104773580
## 4072	chr14	104773536	+	C	89	chr14:104773454-104773580
## 4073	chr14	104773536	-	C	134	chr14:104773454-104773580
## 4074	chr14	104773536	-	G	1	chr14:104773454-104773580
## 4075	chr14	104773537	+	C	90	chr14:104773454-104773580
## 4076	chr14	104773537	-	C	160	chr14:104773454-104773580
## 4077	chr14	104773538	+	G	90	chr14:104773454-104773580
## 4078	chr14	104773538	-	G	160	chr14:104773454-104773580
## 4079	chr14	104773539	+	G	90	chr14:104773454-104773580
## 4080	chr14	104773539	-	G	160	chr14:104773454-104773580
## 4081	chr14	104773540	-	A	1	chr14:104773454-104773580
## 4082	chr14	104773540	-	G	1	chr14:104773454-104773580
## 4083	chr14	104773540	+	T	90	chr14:104773454-104773580
## 4084	chr14	104773540	-	T	158	chr14:104773454-104773580
## 4085	chr14	104773541	+	C	89	chr14:104773454-104773580
## 4086	chr14	104773541	-	C	160	chr14:104773454-104773580
## 4087	chr14	104773541	+	T	1	chr14:104773454-104773580
## 4088	chr14	104773542	+	C	90	chr14:104773454-104773580
## 4089	chr14	104773542	-	C	160	chr14:104773454-104773580

## 4090	chr14	104773543	+	T	89	chr14:104773454-104773580
## 4091	chr14	104773543	-	T	160	chr14:104773454-104773580
## 4092	chr14	104773544	+	C	87	chr14:104773454-104773580
## 4093	chr14	104773544	-	C	162	chr14:104773454-104773580
## 4094	chr14	104773545	+	G	87	chr14:104773454-104773580
## 4095	chr14	104773545	-	G	162	chr14:104773454-104773580
## 4096	chr14	104773546	+	G	88	chr14:104773454-104773580
## 4097	chr14	104773546	-	G	162	chr14:104773454-104773580
## 4098	chr14	104773547	+	A	88	chr14:104773454-104773580
## 4099	chr14	104773547	-	A	161	chr14:104773454-104773580
## 4100	chr14	104773547	-	T	1	chr14:104773454-104773580
## 4101	chr14	104773548	+	G	87	chr14:104773454-104773580
## 4102	chr14	104773548	-	G	163	chr14:104773454-104773580
## 4103	chr14	104773549	+	A	85	chr14:104773454-104773580
## 4104	chr14	104773549	-	A	163	chr14:104773454-104773580
## 4105	chr14	104773550	+	A	85	chr14:104773454-104773580
## 4106	chr14	104773550	-	A	163	chr14:104773454-104773580
## 4107	chr14	104773551	+	C	87	chr14:104773454-104773580
## 4108	chr14	104773551	-	C	163	chr14:104773454-104773580
## 4109	chr14	104773552	+	A	87	chr14:104773454-104773580
## 4110	chr14	104773552	-	A	163	chr14:104773454-104773580
## 4111	chr14	104773553	-	A	4	chr14:104773454-104773580
## 4112	chr14	104773553	+	C	87	chr14:104773454-104773580
## 4113	chr14	104773553	-	C	159	chr14:104773454-104773580
## 4114	chr14	104773554	+	A	87	chr14:104773454-104773580
## 4115	chr14	104773554	-	A	163	chr14:104773454-104773580
## 4116	chr14	104773555	+	C	87	chr14:104773454-104773580
## 4117	chr14	104773555	-	C	163	chr14:104773454-104773580
## 4118	chr14	104773556	+	G	87	chr14:104773454-104773580
## 4119	chr14	104773556	-	G	163	chr14:104773454-104773580
## 4120	chr14	104773557	+	C	86	chr14:104773454-104773580
## 4121	chr14	104773557	-	C	164	chr14:104773454-104773580
## 4122	chr14	104773558	+	T	85	chr14:104773454-104773580
## 4123	chr14	104773558	-	T	165	chr14:104773454-104773580
## 4124	chr14	104773559	+	C	85	chr14:104773454-104773580
## 4125	chr14	104773559	-	C	165	chr14:104773454-104773580
## 4126	chr14	104773560	+	C	85	chr14:104773454-104773580
## 4127	chr14	104773560	-	C	165	chr14:104773454-104773580
## 4128	chr14	104773561	+	C	84	chr14:104773454-104773580
## 4129	chr14	104773561	-	C	166	chr14:104773454-104773580
## 4130	chr14	104773562	+	G	84	chr14:104773454-104773580
## 4131	chr14	104773562	-	G	166	chr14:104773454-104773580
## 4132	chr14	104773563	+	G	83	chr14:104773454-104773580
## 4133	chr14	104773563	-	G	167	chr14:104773454-104773580
## 4134	chr14	104773564	+	C	1	chr14:104773454-104773580
## 4135	chr14	104773564	+	G	81	chr14:104773454-104773580
## 4136	chr14	104773564	-	G	168	chr14:104773454-104773580
## 4137	chr14	104773565	+	A	81	chr14:104773454-104773580
## 4138	chr14	104773565	-	A	169	chr14:104773454-104773580
## 4139	chr14	104773566	+	C	80	chr14:104773454-104773580
## 4140	chr14	104773566	-	C	170	chr14:104773454-104773580
## 4141	chr14	104773567	+	A	79	chr14:104773454-104773580
## 4142	chr14	104773567	-	A	171	chr14:104773454-104773580
## 4143	chr14	104773568	+	G	78	chr14:104773454-104773580

## 4144	chr14	104773568	-	G	172	chr14:104773454-104773580
## 4145	chr14	104773569	+	G	77	chr14:104773454-104773580
## 4146	chr14	104773569	-	G	173	chr14:104773454-104773580
## 4147	chr14	104773570	+	T	76	chr14:104773454-104773580
## 4148	chr14	104773570	-	T	174	chr14:104773454-104773580
## 4149	chr14	104773571	+	G	75	chr14:104773454-104773580
## 4150	chr14	104773571	-	G	175	chr14:104773454-104773580
## 4151	chr14	104773572	+	G	74	chr14:104773454-104773580
## 4152	chr14	104773572	-	G	176	chr14:104773454-104773580
## 4153	chr14	104773573	+	A	73	chr14:104773454-104773580
## 4154	chr14	104773573	-	A	177	chr14:104773454-104773580
## 4155	chr14	104773574	+	A	72	chr14:104773454-104773580
## 4156	chr14	104773574	-	A	178	chr14:104773454-104773580
## 4157	chr14	104773575	+	G	71	chr14:104773454-104773580
## 4158	chr14	104773575	-	G	179	chr14:104773454-104773580
## 4159	chr14	104773576	+	A	70	chr14:104773454-104773580
## 4160	chr14	104773576	-	A	180	chr14:104773454-104773580
## 4161	chr14	104773577	+	A	68	chr14:104773454-104773580
## 4162	chr14	104773577	-	A	181	chr14:104773454-104773580
## 4163	chr14	104773577	+	T	1	chr14:104773454-104773580
## 4164	chr14	104773578	+	C	68	chr14:104773454-104773580
## 4165	chr14	104773578	-	C	182	chr14:104773454-104773580
## 4166	chr14	104773579	+	A	67	chr14:104773454-104773580
## 4167	chr14	104773579	-	A	183	chr14:104773454-104773580
## 4168	chr14	104773580	+	G	66	chr14:104773454-104773580
## 4169	chr14	104773580	-	G	184	chr14:104773454-104773580
## 4170	chr14	104773911	+	C	267	chr14:104773911-104773980
## 4171	chr14	104773911	-	C	23	chr14:104773911-104773980
## 4172	chr14	104773912	+	C	264	chr14:104773911-104773980
## 4173	chr14	104773912	-	C	23	chr14:104773911-104773980
## 4174	chr14	104773913	+	A	3	chr14:104773911-104773980
## 4175	chr14	104773913	+	T	250	chr14:104773911-104773980
## 4176	chr14	104773913	-	T	23	chr14:104773911-104773980
## 4177	chr14	104773914	+	A	1	chr14:104773911-104773980
## 4178	chr14	104773914	+	C	252	chr14:104773911-104773980
## 4179	chr14	104773914	-	C	22	chr14:104773911-104773980
## 4180	chr14	104773914	-	T	1	chr14:104773911-104773980
## 4181	chr14	104773915	+	G	251	chr14:104773911-104773980
## 4182	chr14	104773915	-	G	23	chr14:104773911-104773980
## 4183	chr14	104773916	+	C	250	chr14:104773911-104773980
## 4184	chr14	104773916	-	C	22	chr14:104773911-104773980
## 4185	chr14	104773917	+	C	247	chr14:104773911-104773980
## 4186	chr14	104773917	-	C	22	chr14:104773911-104773980
## 4187	chr14	104773918	+	C	248	chr14:104773911-104773980
## 4188	chr14	104773918	-	C	22	chr14:104773911-104773980
## 4189	chr14	104773919	+	C	244	chr14:104773911-104773980
## 4190	chr14	104773919	-	C	22	chr14:104773911-104773980
## 4191	chr14	104773920	+	A	1	chr14:104773911-104773980
## 4192	chr14	104773920	+	C	239	chr14:104773911-104773980
## 4193	chr14	104773920	-	C	22	chr14:104773911-104773980
## 4194	chr14	104773921	+	G	231	chr14:104773911-104773980
## 4195	chr14	104773921	-	G	22	chr14:104773911-104773980
## 4196	chr14	104773922	+	G	4	chr14:104773911-104773980
## 4197	chr14	104773922	+	T	219	chr14:104773911-104773980

## 4198	chr14 104773922	-	T	22	chr14:104773911-104773980
## 4199	chr14 104773923	+	T	227	chr14:104773911-104773980
## 4200	chr14 104773923	-	T	22	chr14:104773911-104773980
## 4201	chr14 104773924	+	G	221	chr14:104773911-104773980
## 4202	chr14 104773924	-	G	22	chr14:104773911-104773980
## 4203	chr14 104773924	+	T	1	chr14:104773911-104773980
## 4204	chr14 104773925	+	G	228	chr14:104773911-104773980
## 4205	chr14 104773925	-	G	22	chr14:104773911-104773980
## 4206	chr14 104773926	+	C	220	chr14:104773911-104773980
## 4207	chr14 104773926	-	C	22	chr14:104773911-104773980
## 4208	chr14 104773926	+	G	1	chr14:104773911-104773980
## 4209	chr14 104773927	+	A	1	chr14:104773911-104773980
## 4210	chr14 104773927	+	G	217	chr14:104773911-104773980
## 4211	chr14 104773927	-	G	22	chr14:104773911-104773980
## 4212	chr14 104773928	+	G	1	chr14:104773911-104773980
## 4213	chr14 104773928	+	T	198	chr14:104773911-104773980
## 4214	chr14 104773928	-	T	21	chr14:104773911-104773980
## 4215	chr14 104773929	+	A	209	chr14:104773911-104773980
## 4216	chr14 104773929	-	A	32	chr14:104773911-104773980
## 4217	chr14 104773930	+	C	215	chr14:104773911-104773980
## 4218	chr14 104773930	-	C	28	chr14:104773911-104773980
## 4219	chr14 104773931	+	C	1	chr14:104773911-104773980
## 4220	chr14 104773931	+	G	1	chr14:104773911-104773980
## 4221	chr14 104773931	+	T	190	chr14:104773911-104773980
## 4222	chr14 104773931	-	T	27	chr14:104773911-104773980
## 4223	chr14 104773932	+	A	1	chr14:104773911-104773980
## 4224	chr14 104773932	+	C	193	chr14:104773911-104773980
## 4225	chr14 104773932	-	C	40	chr14:104773911-104773980
## 4226	chr14 104773933	+	C	204	chr14:104773911-104773980
## 4227	chr14 104773933	-	C	43	chr14:104773911-104773980
## 4228	chr14 104773934	+	A	205	chr14:104773911-104773980
## 4229	chr14 104773934	-	A	43	chr14:104773911-104773980
## 4230	chr14 104773935	+	T	205	chr14:104773911-104773980
## 4231	chr14 104773935	-	T	43	chr14:104773911-104773980
## 4232	chr14 104773936	+	G	206	chr14:104773911-104773980
## 4233	chr14 104773936	-	G	43	chr14:104773911-104773980
## 4234	chr14 104773937	+	A	198	chr14:104773911-104773980
## 4235	chr14 104773937	-	A	43	chr14:104773911-104773980
## 4236	chr14 104773937	+	C	1	chr14:104773911-104773980
## 4237	chr14 104773938	+	C	208	chr14:104773911-104773980
## 4238	chr14 104773938	-	C	40	chr14:104773911-104773980
## 4239	chr14 104773939	+	A	207	chr14:104773911-104773980
## 4240	chr14 104773939	-	A	37	chr14:104773911-104773980
## 4241	chr14 104773940	+	A	209	chr14:104773911-104773980
## 4242	chr14 104773940	-	A	37	chr14:104773911-104773980
## 4243	chr14 104773941	+	A	203	chr14:104773911-104773980
## 4244	chr14 104773941	-	A	36	chr14:104773911-104773980
## 4245	chr14 104773942	-	A	1	chr14:104773911-104773980
## 4246	chr14 104773942	+	G	208	chr14:104773911-104773980
## 4247	chr14 104773942	-	G	34	chr14:104773911-104773980
## 4248	chr14 104773943	+	C	210	chr14:104773911-104773980
## 4249	chr14 104773943	-	C	34	chr14:104773911-104773980
## 4250	chr14 104773944	+	A	209	chr14:104773911-104773980
## 4251	chr14 104773944	-	A	34	chr14:104773911-104773980

## 4252	chr14	104773945	+	G	214	chr14:104773911-104773980
## 4253	chr14	104773945	-	G	30	chr14:104773911-104773980
## 4254	chr14	104773946	+	A	218	chr14:104773911-104773980
## 4255	chr14	104773946	-	A	30	chr14:104773911-104773980
## 4256	chr14	104773947	+	G	217	chr14:104773911-104773980
## 4257	chr14	104773947	-	G	30	chr14:104773911-104773980
## 4258	chr14	104773948	+	G	220	chr14:104773911-104773980
## 4259	chr14	104773948	-	G	30	chr14:104773911-104773980
## 4260	chr14	104773949	+	C	219	chr14:104773911-104773980
## 4261	chr14	104773949	-	C	30	chr14:104773911-104773980
## 4262	chr14	104773949	+	T	1	chr14:104773911-104773980
## 4263	chr14	104773950	+	G	220	chr14:104773911-104773980
## 4264	chr14	104773950	-	G	30	chr14:104773911-104773980
## 4265	chr14	104773951	+	G	221	chr14:104773911-104773980
## 4266	chr14	104773951	-	G	30	chr14:104773911-104773980
## 4267	chr14	104773952	+	T	222	chr14:104773911-104773980
## 4268	chr14	104773952	-	T	30	chr14:104773911-104773980
## 4269	chr14	104773953	+	C	222	chr14:104773911-104773980
## 4270	chr14	104773953	-	C	30	chr14:104773911-104773980
## 4271	chr14	104773954	+	G	222	chr14:104773911-104773980
## 4272	chr14	104773954	-	G	30	chr14:104773911-104773980
## 4273	chr14	104773955	+	T	222	chr14:104773911-104773980
## 4274	chr14	104773955	-	T	30	chr14:104773911-104773980
## 4275	chr14	104773956	+	G	223	chr14:104773911-104773980
## 4276	chr14	104773956	-	G	30	chr14:104773911-104773980
## 4277	chr14	104773957	+	G	223	chr14:104773911-104773980
## 4278	chr14	104773957	-	G	30	chr14:104773911-104773980
## 4279	chr14	104773958	+	G	223	chr14:104773911-104773980
## 4280	chr14	104773958	-	G	30	chr14:104773911-104773980
## 4281	chr14	104773959	+	A	1	chr14:104773911-104773980
## 4282	chr14	104773959	+	T	222	chr14:104773911-104773980
## 4283	chr14	104773959	-	T	30	chr14:104773911-104773980
## 4284	chr14	104773960	+	C	223	chr14:104773911-104773980
## 4285	chr14	104773960	-	C	30	chr14:104773911-104773980
## 4286	chr14	104773961	+	T	224	chr14:104773911-104773980
## 4287	chr14	104773961	-	T	30	chr14:104773911-104773980
## 4288	chr14	104773962	+	G	224	chr14:104773911-104773980
## 4289	chr14	104773962	-	G	30	chr14:104773911-104773980
## 4290	chr14	104773963	+	G	224	chr14:104773911-104773980
## 4291	chr14	104773963	-	G	30	chr14:104773911-104773980
## 4292	chr14	104773964	+	A	223	chr14:104773911-104773980
## 4293	chr14	104773964	-	A	30	chr14:104773911-104773980
## 4294	chr14	104773965	+	A	223	chr14:104773911-104773980
## 4295	chr14	104773965	-	A	30	chr14:104773911-104773980
## 4296	chr14	104773966	+	A	223	chr14:104773911-104773980
## 4297	chr14	104773966	-	A	30	chr14:104773911-104773980
## 4298	chr14	104773967	+	G	223	chr14:104773911-104773980
## 4299	chr14	104773967	-	G	30	chr14:104773911-104773980
## 4300	chr14	104773968	+	A	222	chr14:104773911-104773980
## 4301	chr14	104773968	-	A	30	chr14:104773911-104773980
## 4302	chr14	104773969	+	G	223	chr14:104773911-104773980
## 4303	chr14	104773969	-	G	30	chr14:104773911-104773980
## 4304	chr14	104773970	+	T	223	chr14:104773911-104773980
## 4305	chr14	104773970	-	T	30	chr14:104773911-104773980

## 4306	chr14	104773971	+	A	223	chr14:104773911-104773980
## 4307	chr14	104773971	-	A	30	chr14:104773911-104773980
## 4308	chr14	104773972	+	C	223	chr14:104773911-104773980
## 4309	chr14	104773972	-	C	30	chr14:104773911-104773980
## 4310	chr14	104773973	+	T	223	chr14:104773911-104773980
## 4311	chr14	104773973	-	T	30	chr14:104773911-104773980
## 4312	chr14	104773974	+	T	223	chr14:104773911-104773980
## 4313	chr14	104773974	-	T	30	chr14:104773911-104773980
## 4314	chr14	104773975	+	A	1	chr14:104773911-104773980
## 4315	chr14	104773975	+	C	223	chr14:104773911-104773980
## 4316	chr14	104773975	-	C	30	chr14:104773911-104773980
## 4317	chr14	104773976	+	A	224	chr14:104773911-104773980
## 4318	chr14	104773976	-	A	30	chr14:104773911-104773980
## 4319	chr14	104773977	+	G	224	chr14:104773911-104773980
## 4320	chr14	104773977	-	G	30	chr14:104773911-104773980
## 4321	chr14	104773978	+	G	224	chr14:104773911-104773980
## 4322	chr14	104773978	-	G	30	chr14:104773911-104773980
## 4323	chr14	104773979	+	G	224	chr14:104773911-104773980
## 4324	chr14	104773979	-	G	30	chr14:104773911-104773980
## 4325	chr14	104773980	+	C	223	chr14:104773911-104773980
## 4326	chr14	104773980	-	C	30	chr14:104773911-104773980
## 4327	chr14	104773980	+	T	1	chr14:104773911-104773980
## 4328	chr14	104774937	+	C	146	chr14:104774937-104775003
## 4329	chr14	104774937	-	C	150	chr14:104774937-104775003
## 4330	chr14	104774938	+	T	143	chr14:104774937-104775003
## 4331	chr14	104774938	-	T	143	chr14:104774937-104775003
## 4332	chr14	104774939	-	A	3	chr14:104774937-104775003
## 4333	chr14	104774939	+	G	143	chr14:104774937-104775003
## 4334	chr14	104774939	-	G	133	chr14:104774937-104775003
## 4335	chr14	104774940	+	T	140	chr14:104774937-104775003
## 4336	chr14	104774940	-	T	128	chr14:104774937-104775003
## 4337	chr14	104774941	+	G	140	chr14:104774937-104775003
## 4338	chr14	104774941	-	G	123	chr14:104774937-104775003
## 4339	chr14	104774942	+	A	134	chr14:104774937-104775003
## 4340	chr14	104774942	-	A	114	chr14:104774937-104775003
## 4341	chr14	104774943	-	A	3	chr14:104774937-104775003
## 4342	chr14	104774943	+	G	135	chr14:104774937-104775003
## 4343	chr14	104774943	-	G	106	chr14:104774937-104775003
## 4344	chr14	104774944	+	G	137	chr14:104774937-104775003
## 4345	chr14	104774944	-	G	106	chr14:104774937-104775003
## 4346	chr14	104774945	+	A	137	chr14:104774937-104775003
## 4347	chr14	104774945	-	A	105	chr14:104774937-104775003
## 4348	chr14	104774946	+	A	138	chr14:104774937-104775003
## 4349	chr14	104774946	-	A	104	chr14:104774937-104775003
## 4350	chr14	104774947	+	G	144	chr14:104774937-104775003
## 4351	chr14	104774947	-	G	101	chr14:104774937-104775003
## 4352	chr14	104774948	+	G	140	chr14:104774937-104775003
## 4353	chr14	104774948	-	G	99	chr14:104774937-104775003
## 4354	chr14	104774949	+	C	1	chr14:104774937-104775003
## 4355	chr14	104774949	+	G	147	chr14:104774937-104775003
## 4356	chr14	104774949	-	G	95	chr14:104774937-104775003
## 4357	chr14	104774950	+	G	150	chr14:104774937-104775003
## 4358	chr14	104774950	-	G	96	chr14:104774937-104775003
## 4359	chr14	104774951	+	T	151	chr14:104774937-104775003

## 4360	chr14 104774951	-	T	87	chr14:104774937-104775003
## 4361	chr14 104774952	+	G	144	chr14:104774937-104775003
## 4362	chr14 104774952	-	G	88	chr14:104774937-104775003
## 4363	chr14 104774953	+	C	144	chr14:104774937-104775003
## 4364	chr14 104774953	-	C	81	chr14:104774937-104775003
## 4365	chr14 104774954	+	C	137	chr14:104774937-104775003
## 4366	chr14 104774954	-	C	89	chr14:104774937-104775003
## 4367	chr14 104774955	+	T	143	chr14:104774937-104775003
## 4368	chr14 104774955	-	T	94	chr14:104774937-104775003
## 4369	chr14 104774956	+	-	3	chr14:104774937-104775003
## 4370	chr14 104774956	+	C	1	chr14:104774937-104775003
## 4371	chr14 104774956	+	G	139	chr14:104774937-104775003
## 4372	chr14 104774956	-	G	97	chr14:104774937-104775003
## 4373	chr14 104774957	+	G	152	chr14:104774937-104775003
## 4374	chr14 104774957	-	G	96	chr14:104774937-104775003
## 4375	chr14 104774958	+	A	153	chr14:104774937-104775003
## 4376	chr14 104774958	-	A	87	chr14:104774937-104775003
## 4377	chr14 104774959	+	G	154	chr14:104774937-104775003
## 4378	chr14 104774959	-	G	83	chr14:104774937-104775003
## 4379	chr14 104774959	+	T	1	chr14:104774937-104775003
## 4380	chr14 104774959	-	T	1	chr14:104774937-104775003
## 4381	chr14 104774960	+	T	165	chr14:104774937-104775003
## 4382	chr14 104774960	-	T	75	chr14:104774937-104775003
## 4383	chr14 104774961	-	G	1	chr14:104774937-104775003
## 4384	chr14 104774961	+	T	162	chr14:104774937-104775003
## 4385	chr14 104774961	-	T	74	chr14:104774937-104775003
## 4386	chr14 104774962	+	C	161	chr14:104774937-104775003
## 4387	chr14 104774962	-	C	78	chr14:104774937-104775003
## 4388	chr14 104774963	+	T	165	chr14:104774937-104775003
## 4389	chr14 104774963	-	T	75	chr14:104774937-104775003
## 4390	chr14 104774964	+	G	163	chr14:104774937-104775003
## 4391	chr14 104774964	-	G	72	chr14:104774937-104775003
## 4392	chr14 104774965	+	C	173	chr14:104774937-104775003
## 4393	chr14 104774965	-	C	73	chr14:104774937-104775003
## 4394	chr14 104774966	+	A	171	chr14:104774937-104775003
## 4395	chr14 104774966	-	A	72	chr14:104774937-104775003
## 4396	chr14 104774967	+	G	176	chr14:104774937-104775003
## 4397	chr14 104774967	-	G	71	chr14:104774937-104775003
## 4398	chr14 104774968	+	G	179	chr14:104774937-104775003
## 4399	chr14 104774968	-	G	71	chr14:104774937-104775003
## 4400	chr14 104774969	+	A	179	chr14:104774937-104775003
## 4401	chr14 104774969	-	A	71	chr14:104774937-104775003
## 4402	chr14 104774970	-	A	1	chr14:104774937-104775003
## 4403	chr14 104774970	+	C	179	chr14:104774937-104775003
## 4404	chr14 104774970	-	C	70	chr14:104774937-104775003
## 4405	chr14 104774971	-	A	2	chr14:104774937-104775003
## 4406	chr14 104774971	+	G	179	chr14:104774937-104775003
## 4407	chr14 104774971	-	G	69	chr14:104774937-104775003
## 4408	chr14 104774972	+	C	179	chr14:104774937-104775003
## 4409	chr14 104774972	-	C	71	chr14:104774937-104775003
## 4410	chr14 104774973	+	G	179	chr14:104774937-104775003
## 4411	chr14 104774973	-	G	71	chr14:104774937-104775003
## 4412	chr14 104774974	+	G	179	chr14:104774937-104775003
## 4413	chr14 104774974	-	G	71	chr14:104774937-104775003

## 4414	chr14	104774975	-	G	1	chr14:104774937-104775003
## 4415	chr14	104774975	+	T	179	chr14:104774937-104775003
## 4416	chr14	104774975	-	T	70	chr14:104774937-104775003
## 4417	chr14	104774976	+	T	179	chr14:104774937-104775003
## 4418	chr14	104774976	-	T	71	chr14:104774937-104775003
## 4419	chr14	104774977	+	C	179	chr14:104774937-104775003
## 4420	chr14	104774977	-	C	71	chr14:104774937-104775003
## 4421	chr14	104774978	+	T	179	chr14:104774937-104775003
## 4422	chr14	104774978	-	T	71	chr14:104774937-104775003
## 4423	chr14	104774979	+	C	179	chr14:104774937-104775003
## 4424	chr14	104774979	-	C	70	chr14:104774937-104775003
## 4425	chr14	104774979	-	T	1	chr14:104774937-104775003
## 4426	chr14	104774980	+	A	1	chr14:104774937-104775003
## 4427	chr14	104774980	+	G	178	chr14:104774937-104775003
## 4428	chr14	104774980	-	G	71	chr14:104774937-104775003
## 4429	chr14	104774981	+	G	179	chr14:104774937-104775003
## 4430	chr14	104774981	-	G	71	chr14:104774937-104775003
## 4431	chr14	104774982	-	G	1	chr14:104774937-104775003
## 4432	chr14	104774982	+	T	179	chr14:104774937-104775003
## 4433	chr14	104774982	-	T	70	chr14:104774937-104775003
## 4434	chr14	104774983	+	G	179	chr14:104774937-104775003
## 4435	chr14	104774983	-	G	71	chr14:104774937-104775003
## 4436	chr14	104774984	+	A	179	chr14:104774937-104775003
## 4437	chr14	104774984	-	A	71	chr14:104774937-104775003
## 4438	chr14	104774985	+	G	179	chr14:104774937-104775003
## 4439	chr14	104774985	-	G	71	chr14:104774937-104775003
## 4440	chr14	104774986	+	T	179	chr14:104774937-104775003
## 4441	chr14	104774986	-	T	71	chr14:104774937-104775003
## 4442	chr14	104774987	+	G	179	chr14:104774937-104775003
## 4443	chr14	104774987	-	G	71	chr14:104774937-104775003
## 4444	chr14	104774988	+	T	179	chr14:104774937-104775003
## 4445	chr14	104774988	-	T	71	chr14:104774937-104775003
## 4446	chr14	104774989	+	G	179	chr14:104774937-104775003
## 4447	chr14	104774989	-	G	71	chr14:104774937-104775003
## 4448	chr14	104774990	+	T	179	chr14:104774937-104775003
## 4449	chr14	104774990	-	T	71	chr14:104774937-104775003
## 4450	chr14	104774991	+	G	179	chr14:104774937-104775003
## 4451	chr14	104774991	-	G	71	chr14:104774937-104775003
## 4452	chr14	104774992	-	C	1	chr14:104774937-104775003
## 4453	chr14	104774992	+	G	179	chr14:104774937-104775003
## 4454	chr14	104774992	-	G	70	chr14:104774937-104775003
## 4455	chr14	104774993	+	G	179	chr14:104774937-104775003
## 4456	chr14	104774993	-	G	71	chr14:104774937-104775003
## 4457	chr14	104774994	+	C	179	chr14:104774937-104775003
## 4458	chr14	104774994	-	C	71	chr14:104774937-104775003
## 4459	chr14	104774995	+	C	179	chr14:104774937-104775003
## 4460	chr14	104774995	-	C	71	chr14:104774937-104775003
## 4461	chr14	104774996	+	A	176	chr14:104774937-104775003
## 4462	chr14	104774996	-	A	71	chr14:104774937-104775003
## 4463	chr14	104774996	+	C	2	chr14:104774937-104775003
## 4464	chr14	104774996	+	G	1	chr14:104774937-104775003
## 4465	chr14	104774997	+	C	180	chr14:104774937-104775003
## 4466	chr14	104774997	-	C	70	chr14:104774937-104775003
## 4467	chr14	104774998	+	A	1	chr14:104774937-104775003

## 4468	chr14	104774998	+	C	179	chr14:104774937-104775003
## 4469	chr14	104774998	-	C	70	chr14:104774937-104775003
## 4470	chr14	104774999	+	T	179	chr14:104774937-104775003
## 4471	chr14	104774999	-	T	70	chr14:104774937-104775003
## 4472	chr14	104775000	+	C	179	chr14:104774937-104775003
## 4473	chr14	104775000	-	C	71	chr14:104774937-104775003
## 4474	chr14	104775001	+	A	1	chr14:104774937-104775003
## 4475	chr14	104775001	-	A	1	chr14:104774937-104775003
## 4476	chr14	104775001	+	G	178	chr14:104774937-104775003
## 4477	chr14	104775001	-	G	70	chr14:104774937-104775003
## 4478	chr14	104775002	-	A	1	chr14:104774937-104775003
## 4479	chr14	104775002	+	T	179	chr14:104774937-104775003
## 4480	chr14	104775002	-	T	70	chr14:104774937-104775003
## 4481	chr14	104775003	+	C	179	chr14:104774937-104775003
## 4482	chr14	104775003	-	C	70	chr14:104774937-104775003
## 4483	chr14	104775075	+	C	184	chr14:104775075-104775207
## 4484	chr14	104775075	-	C	110	chr14:104775075-104775207
## 4485	chr14	104775076	+	C	174	chr14:104775075-104775207
## 4486	chr14	104775076	-	C	105	chr14:104775075-104775207
## 4487	chr14	104775077	+	A	2	chr14:104775075-104775207
## 4488	chr14	104775077	+	C	1	chr14:104775075-104775207
## 4489	chr14	104775077	+	G	34	chr14:104775075-104775207
## 4490	chr14	104775077	+	T	102	chr14:104775075-104775207
## 4491	chr14	104775077	-	T	99	chr14:104775075-104775207
## 4492	chr14	104775078	+	T	144	chr14:104775075-104775207
## 4493	chr14	104775078	-	T	104	chr14:104775075-104775207
## 4494	chr14	104775079	+	G	141	chr14:104775075-104775207
## 4495	chr14	104775079	-	G	102	chr14:104775075-104775207
## 4496	chr14	104775079	+	T	1	chr14:104775075-104775207
## 4497	chr14	104775080	+	G	143	chr14:104775075-104775207
## 4498	chr14	104775080	-	G	98	chr14:104775075-104775207
## 4499	chr14	104775081	+	C	130	chr14:104775075-104775207
## 4500	chr14	104775081	-	C	98	chr14:104775075-104775207
## 4501	chr14	104775081	+	G	4	chr14:104775075-104775207
## 4502	chr14	104775082	+	C	153	chr14:104775075-104775207
## 4503	chr14	104775082	-	C	95	chr14:104775075-104775207
## 4504	chr14	104775083	+	A	125	chr14:104775075-104775207
## 4505	chr14	104775083	-	A	94	chr14:104775075-104775207
## 4506	chr14	104775083	+	C	14	chr14:104775075-104775207
## 4507	chr14	104775084	+	C	156	chr14:104775075-104775207
## 4508	chr14	104775084	-	C	91	chr14:104775075-104775207
## 4509	chr14	104775084	-	T	1	chr14:104775075-104775207
## 4510	chr14	104775085	-	A	1	chr14:104775075-104775207
## 4511	chr14	104775085	+	G	130	chr14:104775075-104775207
## 4512	chr14	104775085	-	G	87	chr14:104775075-104775207
## 4513	chr14	104775086	+	A	128	chr14:104775075-104775207
## 4514	chr14	104775086	-	A	92	chr14:104775075-104775207
## 4515	chr14	104775086	+	C	3	chr14:104775075-104775207
## 4516	chr14	104775087	+	A	1	chr14:104775075-104775207
## 4517	chr14	104775087	+	T	145	chr14:104775075-104775207
## 4518	chr14	104775087	-	T	97	chr14:104775075-104775207
## 4519	chr14	104775088	+	G	154	chr14:104775075-104775207
## 4520	chr14	104775088	-	G	96	chr14:104775075-104775207
## 4521	chr14	104775089	+	A	137	chr14:104775075-104775207

## 4522	chr14	104775089	-	A	95	chr14:104775075-104775207
## 4523	chr14	104775089	+	C	2	chr14:104775075-104775207
## 4524	chr14	104775090	+	C	155	chr14:104775075-104775207
## 4525	chr14	104775090	-	C	92	chr14:104775075-104775207
## 4526	chr14	104775090	+	T	1	chr14:104775075-104775207
## 4527	chr14	104775091	+	A	1	chr14:104775075-104775207
## 4528	chr14	104775091	+	G	1	chr14:104775075-104775207
## 4529	chr14	104775091	+	T	156	chr14:104775075-104775207
## 4530	chr14	104775091	-	T	83	chr14:104775075-104775207
## 4531	chr14	104775092	+	T	168	chr14:104775075-104775207
## 4532	chr14	104775092	-	T	78	chr14:104775075-104775207
## 4533	chr14	104775093	+	C	167	chr14:104775075-104775207
## 4534	chr14	104775093	-	C	80	chr14:104775075-104775207
## 4535	chr14	104775094	+	C	171	chr14:104775075-104775207
## 4536	chr14	104775094	-	C	73	chr14:104775075-104775207
## 4537	chr14	104775095	-	C	1	chr14:104775075-104775207
## 4538	chr14	104775095	+	G	2	chr14:104775075-104775207
## 4539	chr14	104775095	+	T	176	chr14:104775075-104775207
## 4540	chr14	104775095	-	T	65	chr14:104775075-104775207
## 4541	chr14	104775096	+	T	185	chr14:104775075-104775207
## 4542	chr14	104775096	-	T	66	chr14:104775075-104775207
## 4543	chr14	104775097	+	C	185	chr14:104775075-104775207
## 4544	chr14	104775097	-	C	61	chr14:104775075-104775207
## 4545	chr14	104775098	+	T	190	chr14:104775075-104775207
## 4546	chr14	104775098	-	T	55	chr14:104775075-104775207
## 4547	chr14	104775099	+	A	1	chr14:104775075-104775207
## 4548	chr14	104775099	+	T	195	chr14:104775075-104775207
## 4549	chr14	104775099	-	T	47	chr14:104775075-104775207
## 4550	chr14	104775100	+	G	203	chr14:104775075-104775207
## 4551	chr14	104775100	-	G	45	chr14:104775075-104775207
## 4552	chr14	104775101	+	A	206	chr14:104775075-104775207
## 4553	chr14	104775101	-	A	43	chr14:104775075-104775207
## 4554	chr14	104775102	+	G	207	chr14:104775075-104775207
## 4555	chr14	104775102	-	G	43	chr14:104775075-104775207
## 4556	chr14	104775103	+	G	208	chr14:104775075-104775207
## 4557	chr14	104775103	-	G	40	chr14:104775075-104775207
## 4558	chr14	104775104	+	A	209	chr14:104775075-104775207
## 4559	chr14	104775104	-	A	40	chr14:104775075-104775207
## 4560	chr14	104775104	+	T	1	chr14:104775075-104775207
## 4561	chr14	104775105	+	T	211	chr14:104775075-104775207
## 4562	chr14	104775105	-	T	38	chr14:104775075-104775207
## 4563	chr14	104775106	+	C	212	chr14:104775075-104775207
## 4564	chr14	104775106	-	C	28	chr14:104775075-104775207
## 4565	chr14	104775106	+	T	1	chr14:104775075-104775207
## 4566	chr14	104775107	+	T	221	chr14:104775075-104775207
## 4567	chr14	104775107	-	T	28	chr14:104775075-104775207
## 4568	chr14	104775108	+	T	223	chr14:104775075-104775207
## 4569	chr14	104775108	-	T	28	chr14:104775075-104775207
## 4570	chr14	104775109	+	C	224	chr14:104775075-104775207
## 4571	chr14	104775109	-	C	28	chr14:104775075-104775207
## 4572	chr14	104775110	+	A	225	chr14:104775075-104775207
## 4573	chr14	104775110	-	A	28	chr14:104775075-104775207
## 4574	chr14	104775111	+	T	225	chr14:104775075-104775207
## 4575	chr14	104775111	-	T	28	chr14:104775075-104775207

## 4576	chr14 104775112	+	G	226	chr14:104775075-104775207
## 4577	chr14 104775112	-	G	28	chr14:104775075-104775207
## 4578	chr14 104775113	+	G	227	chr14:104775075-104775207
## 4579	chr14 104775113	-	G	28	chr14:104775075-104775207
## 4580	chr14 104775114	+	C	226	chr14:104775075-104775207
## 4581	chr14 104775114	-	C	28	chr14:104775075-104775207
## 4582	chr14 104775114	+	G	1	chr14:104775075-104775207
## 4583	chr14 104775115	-	A	1	chr14:104775075-104775207
## 4584	chr14 104775115	+	G	228	chr14:104775075-104775207
## 4585	chr14 104775115	-	G	27	chr14:104775075-104775207
## 4586	chr14 104775116	+	T	229	chr14:104775075-104775207
## 4587	chr14 104775116	-	T	28	chr14:104775075-104775207
## 4588	chr14 104775117	+	A	229	chr14:104775075-104775207
## 4589	chr14 104775117	-	A	28	chr14:104775075-104775207
## 4590	chr14 104775118	+	G	230	chr14:104775075-104775207
## 4591	chr14 104775118	-	G	28	chr14:104775075-104775207
## 4592	chr14 104775119	+	A	1	chr14:104775075-104775207
## 4593	chr14 104775119	+	T	230	chr14:104775075-104775207
## 4594	chr14 104775119	-	T	28	chr14:104775075-104775207
## 4595	chr14 104775120	+	A	232	chr14:104775075-104775207
## 4596	chr14 104775120	-	A	28	chr14:104775075-104775207
## 4597	chr14 104775121	+	G	233	chr14:104775075-104775207
## 4598	chr14 104775121	-	G	28	chr14:104775075-104775207
## 4599	chr14 104775122	+	C	234	chr14:104775075-104775207
## 4600	chr14 104775122	-	C	28	chr14:104775075-104775207
## 4601	chr14 104775123	+	G	234	chr14:104775075-104775207
## 4602	chr14 104775123	-	G	28	chr14:104775075-104775207
## 4603	chr14 104775124	+	G	235	chr14:104775075-104775207
## 4604	chr14 104775124	-	G	28	chr14:104775075-104775207
## 4605	chr14 104775125	+	C	233	chr14:104775075-104775207
## 4606	chr14 104775125	-	C	28	chr14:104775075-104775207
## 4607	chr14 104775125	+	T	1	chr14:104775075-104775207
## 4608	chr14 104775126	+	C	235	chr14:104775075-104775207
## 4609	chr14 104775126	-	C	28	chr14:104775075-104775207
## 4610	chr14 104775127	-	G	1	chr14:104775075-104775207
## 4611	chr14 104775127	+	T	235	chr14:104775075-104775207
## 4612	chr14 104775127	-	T	27	chr14:104775075-104775207
## 4613	chr14 104775128	+	G	236	chr14:104775075-104775207
## 4614	chr14 104775128	-	G	28	chr14:104775075-104775207
## 4615	chr14 104775129	+	T	236	chr14:104775075-104775207
## 4616	chr14 104775129	-	T	28	chr14:104775075-104775207
## 4617	chr14 104775130	+	G	236	chr14:104775075-104775207
## 4618	chr14 104775130	-	G	28	chr14:104775075-104775207
## 4619	chr14 104775131	+	G	236	chr14:104775075-104775207
## 4620	chr14 104775131	-	G	28	chr14:104775075-104775207
## 4621	chr14 104775132	+	C	236	chr14:104775075-104775207
## 4622	chr14 104775132	-	C	28	chr14:104775075-104775207
## 4623	chr14 104775133	+	C	237	chr14:104775075-104775207
## 4624	chr14 104775133	-	C	28	chr14:104775075-104775207
## 4625	chr14 104775134	+	T	237	chr14:104775075-104775207
## 4626	chr14 104775134	-	T	28	chr14:104775075-104775207
## 4627	chr14 104775135	+	T	237	chr14:104775075-104775207
## 4628	chr14 104775135	-	T	28	chr14:104775075-104775207
## 4629	chr14 104775136	+	C	237	chr14:104775075-104775207

## 4630	chr14 104775136	-	C	28	chr14:104775075-104775207
## 4631	chr14 104775137	+	T	237	chr14:104775075-104775207
## 4632	chr14 104775137	-	T	28	chr14:104775075-104775207
## 4633	chr14 104775138	+	C	237	chr14:104775075-104775207
## 4634	chr14 104775138	-	C	28	chr14:104775075-104775207
## 4635	chr14 104775139	+	C	237	chr14:104775075-104775207
## 4636	chr14 104775139	-	C	28	chr14:104775075-104775207
## 4637	chr14 104775140	+	C	1	chr14:104775075-104775207
## 4638	chr14 104775140	+	T	236	chr14:104775075-104775207
## 4639	chr14 104775140	-	T	28	chr14:104775075-104775207
## 4640	chr14 104775141	+	T	237	chr14:104775075-104775207
## 4641	chr14 104775141	-	T	28	chr14:104775075-104775207
## 4642	chr14 104775142	+	C	237	chr14:104775075-104775207
## 4643	chr14 104775142	-	C	28	chr14:104775075-104775207
## 4644	chr14 104775143	+	A	237	chr14:104775075-104775207
## 4645	chr14 104775143	-	A	28	chr14:104775075-104775207
## 4646	chr14 104775144	+	C	237	chr14:104775075-104775207
## 4647	chr14 104775144	-	C	28	chr14:104775075-104775207
## 4648	chr14 104775145	+	A	2	chr14:104775075-104775207
## 4649	chr14 104775145	+	C	235	chr14:104775075-104775207
## 4650	chr14 104775145	-	C	28	chr14:104775075-104775207
## 4651	chr14 104775146	+	A	236	chr14:104775075-104775207
## 4652	chr14 104775146	-	A	28	chr14:104775075-104775207
## 4653	chr14 104775146	+	G	1	chr14:104775075-104775207
## 4654	chr14 104775147	+	G	236	chr14:104775075-104775207
## 4655	chr14 104775147	-	G	28	chr14:104775075-104775207
## 4656	chr14 104775148	+	G	235	chr14:104775075-104775207
## 4657	chr14 104775148	-	G	28	chr14:104775075-104775207
## 4658	chr14 104775149	+	A	235	chr14:104775075-104775207
## 4659	chr14 104775149	-	A	28	chr14:104775075-104775207
## 4660	chr14 104775150	+	T	235	chr14:104775075-104775207
## 4661	chr14 104775150	-	T	28	chr14:104775075-104775207
## 4662	chr14 104775151	+	C	235	chr14:104775075-104775207
## 4663	chr14 104775151	-	C	28	chr14:104775075-104775207
## 4664	chr14 104775152	+	A	235	chr14:104775075-104775207
## 4665	chr14 104775152	-	A	28	chr14:104775075-104775207
## 4666	chr14 104775153	+	C	232	chr14:104775075-104775207
## 4667	chr14 104775153	-	C	20	chr14:104775075-104775207
## 4668	chr14 104775154	+	C	230	chr14:104775075-104775207
## 4669	chr14 104775154	-	C	20	chr14:104775075-104775207
## 4670	chr14 104775155	+	T	223	chr14:104775075-104775207
## 4671	chr14 104775155	-	T	21	chr14:104775075-104775207
## 4672	chr14 104775156	+	T	215	chr14:104775075-104775207
## 4673	chr14 104775156	-	T	26	chr14:104775075-104775207
## 4674	chr14 104775157	+	G	196	chr14:104775075-104775207
## 4675	chr14 104775157	-	G	36	chr14:104775075-104775207
## 4676	chr14 104775158	+	C	195	chr14:104775075-104775207
## 4677	chr14 104775158	-	C	36	chr14:104775075-104775207
## 4678	chr14 104775159	+	C	177	chr14:104775075-104775207
## 4679	chr14 104775159	-	C	50	chr14:104775075-104775207
## 4680	chr14 104775160	+	G	176	chr14:104775075-104775207
## 4681	chr14 104775160	-	G	71	chr14:104775075-104775207
## 4682	chr14 104775161	+	A	168	chr14:104775075-104775207
## 4683	chr14 104775161	-	A	65	chr14:104775075-104775207

## 4684	chr14	104775161	+	G	1	chr14:104775075-104775207
## 4685	chr14	104775162	+	A	152	chr14:104775075-104775207
## 4686	chr14	104775162	-	A	64	chr14:104775075-104775207
## 4687	chr14	104775163	+	A	145	chr14:104775075-104775207
## 4688	chr14	104775163	-	A	72	chr14:104775075-104775207
## 4689	chr14	104775164	+	G	146	chr14:104775075-104775207
## 4690	chr14	104775164	-	G	86	chr14:104775075-104775207
## 4691	chr14	104775165	+	T	132	chr14:104775075-104775207
## 4692	chr14	104775165	-	T	101	chr14:104775075-104775207
## 4693	chr14	104775166	+	G	129	chr14:104775075-104775207
## 4694	chr14	104775166	-	G	119	chr14:104775075-104775207
## 4695	chr14	104775167	+	C	119	chr14:104775075-104775207
## 4696	chr14	104775167	-	C	122	chr14:104775075-104775207
## 4697	chr14	104775168	+	C	119	chr14:104775075-104775207
## 4698	chr14	104775168	-	C	127	chr14:104775075-104775207
## 4699	chr14	104775169	+	C	115	chr14:104775075-104775207
## 4700	chr14	104775169	-	C	132	chr14:104775075-104775207
## 4701	chr14	104775170	-	C	1	chr14:104775075-104775207
## 4702	chr14	104775170	+	T	112	chr14:104775075-104775207
## 4703	chr14	104775170	-	T	132	chr14:104775075-104775207
## 4704	chr14	104775171	+	T	105	chr14:104775075-104775207
## 4705	chr14	104775171	-	T	139	chr14:104775075-104775207
## 4706	chr14	104775172	+	G	104	chr14:104775075-104775207
## 4707	chr14	104775172	-	G	146	chr14:104775075-104775207
## 4708	chr14	104775173	+	C	99	chr14:104775075-104775207
## 4709	chr14	104775173	-	C	147	chr14:104775075-104775207
## 4710	chr14	104775174	+	C	92	chr14:104775075-104775207
## 4711	chr14	104775174	-	C	152	chr14:104775075-104775207
## 4712	chr14	104775175	-	A	1	chr14:104775075-104775207
## 4713	chr14	104775175	+	C	85	chr14:104775075-104775207
## 4714	chr14	104775175	-	C	157	chr14:104775075-104775207
## 4715	chr14	104775175	-	T	1	chr14:104775075-104775207
## 4716	chr14	104775176	+	A	84	chr14:104775075-104775207
## 4717	chr14	104775176	-	A	165	chr14:104775075-104775207
## 4718	chr14	104775177	+	G	82	chr14:104775075-104775207
## 4719	chr14	104775177	-	G	167	chr14:104775075-104775207
## 4720	chr14	104775178	+	C	81	chr14:104775075-104775207
## 4721	chr14	104775178	-	C	169	chr14:104775075-104775207
## 4722	chr14	104775179	+	A	79	chr14:104775075-104775207
## 4723	chr14	104775179	-	A	169	chr14:104775075-104775207
## 4724	chr14	104775180	+	G	79	chr14:104775075-104775207
## 4725	chr14	104775180	-	G	171	chr14:104775075-104775207
## 4726	chr14	104775181	+	C	77	chr14:104775075-104775207
## 4727	chr14	104775181	-	C	172	chr14:104775075-104775207
## 4728	chr14	104775182	+	T	66	chr14:104775075-104775207
## 4729	chr14	104775182	-	T	174	chr14:104775075-104775207
## 4730	chr14	104775183	+	T	64	chr14:104775075-104775207
## 4731	chr14	104775183	-	T	185	chr14:104775075-104775207
## 4732	chr14	104775184	+	C	63	chr14:104775075-104775207
## 4733	chr14	104775184	-	C	187	chr14:104775075-104775207
## 4734	chr14	104775185	+	A	62	chr14:104775075-104775207
## 4735	chr14	104775185	-	A	188	chr14:104775075-104775207
## 4736	chr14	104775186	+	G	61	chr14:104775075-104775207
## 4737	chr14	104775186	-	G	189	chr14:104775075-104775207

## 4738	chr14 104775187	+	G	61	chr14:104775075-104775207
## 4739	chr14 104775187	-	G	189	chr14:104775075-104775207
## 4740	chr14 104775188	+	T	61	chr14:104775075-104775207
## 4741	chr14 104775188	-	T	189	chr14:104775075-104775207
## 4742	chr14 104775189	+	A	60	chr14:104775075-104775207
## 4743	chr14 104775189	-	A	190	chr14:104775075-104775207
## 4744	chr14 104775190	+	C	59	chr14:104775075-104775207
## 4745	chr14 104775190	-	C	191	chr14:104775075-104775207
## 4746	chr14 104775191	+	T	59	chr14:104775075-104775207
## 4747	chr14 104775191	-	T	192	chr14:104775075-104775207
## 4748	chr14 104775192	+	C	58	chr14:104775075-104775207
## 4749	chr14 104775192	-	C	193	chr14:104775075-104775207
## 4750	chr14 104775193	+	A	57	chr14:104775075-104775207
## 4751	chr14 104775193	-	A	194	chr14:104775075-104775207
## 4752	chr14 104775194	+	A	55	chr14:104775075-104775207
## 4753	chr14 104775194	-	A	195	chr14:104775075-104775207
## 4754	chr14 104775195	+	A	54	chr14:104775075-104775207
## 4755	chr14 104775195	-	A	196	chr14:104775075-104775207
## 4756	chr14 104775196	+	C	54	chr14:104775075-104775207
## 4757	chr14 104775196	-	C	196	chr14:104775075-104775207
## 4758	chr14 104775196	-	T	1	chr14:104775075-104775207
## 4759	chr14 104775197	+	T	53	chr14:104775075-104775207
## 4760	chr14 104775197	-	T	198	chr14:104775075-104775207
## 4761	chr14 104775198	+	C	52	chr14:104775075-104775207
## 4762	chr14 104775198	-	C	199	chr14:104775075-104775207
## 4763	chr14 104775199	+	G	51	chr14:104775075-104775207
## 4764	chr14 104775199	-	G	200	chr14:104775075-104775207
## 4765	chr14 104775200	+	T	50	chr14:104775075-104775207
## 4766	chr14 104775200	-	T	201	chr14:104775075-104775207
## 4767	chr14 104775201	+	T	49	chr14:104775075-104775207
## 4768	chr14 104775201	-	T	202	chr14:104775075-104775207
## 4769	chr14 104775202	+	C	48	chr14:104775075-104775207
## 4770	chr14 104775202	-	C	203	chr14:104775075-104775207
## 4771	chr14 104775203	+	A	47	chr14:104775075-104775207
## 4772	chr14 104775203	-	A	204	chr14:104775075-104775207
## 4773	chr14 104775204	+	T	46	chr14:104775075-104775207
## 4774	chr14 104775204	-	T	205	chr14:104775075-104775207
## 4775	chr14 104775205	+	G	45	chr14:104775075-104775207
## 4776	chr14 104775205	-	G	204	chr14:104775075-104775207
## 4777	chr14 104775205	-	T	2	chr14:104775075-104775207
## 4778	chr14 104775206	+	G	43	chr14:104775075-104775207
## 4779	chr14 104775206	-	G	207	chr14:104775075-104775207
## 4780	chr14 104775207	+	T	43	chr14:104775075-104775207
## 4781	chr14 104775207	-	T	208	chr14:104775075-104775207
## 4782	chr14 104775651	+	C	289	chr14:104775651-104775799
## 4783	chr14 104775651	-	C	6	chr14:104775651-104775799
## 4784	chr14 104775652	+	C	289	chr14:104775651-104775799
## 4785	chr14 104775652	-	C	6	chr14:104775651-104775799
## 4786	chr14 104775653	+	A	289	chr14:104775651-104775799
## 4787	chr14 104775653	-	A	6	chr14:104775651-104775799
## 4788	chr14 104775654	+	C	290	chr14:104775651-104775799
## 4789	chr14 104775654	-	C	6	chr14:104775651-104775799
## 4790	chr14 104775655	+	G	289	chr14:104775651-104775799
## 4791	chr14 104775655	-	G	6	chr14:104775651-104775799

## 4792	chr14	104775656	+	C	284	chr14:104775651-104775799
## 4793	chr14	104775656	-	C	6	chr14:104775651-104775799
## 4794	chr14	104775656	+	T	2	chr14:104775651-104775799
## 4795	chr14	104775657	+	G	284	chr14:104775651-104775799
## 4796	chr14	104775657	-	G	6	chr14:104775651-104775799
## 4797	chr14	104775658	+	C	1	chr14:104775651-104775799
## 4798	chr14	104775658	+	G	283	chr14:104775651-104775799
## 4799	chr14	104775658	-	G	6	chr14:104775651-104775799
## 4800	chr14	104775659	+	T	273	chr14:104775651-104775799
## 4801	chr14	104775659	-	T	6	chr14:104775651-104775799
## 4802	chr14	104775660	+	G	268	chr14:104775651-104775799
## 4803	chr14	104775660	-	G	6	chr14:104775651-104775799
## 4804	chr14	104775661	+	C	267	chr14:104775651-104775799
## 4805	chr14	104775661	-	C	6	chr14:104775651-104775799
## 4806	chr14	104775662	+	A	1	chr14:104775651-104775799
## 4807	chr14	104775662	+	T	262	chr14:104775651-104775799
## 4808	chr14	104775662	-	T	6	chr14:104775651-104775799
## 4809	chr14	104775663	+	T	258	chr14:104775651-104775799
## 4810	chr14	104775663	-	T	3	chr14:104775651-104775799
## 4811	chr14	104775664	+	G	250	chr14:104775651-104775799
## 4812	chr14	104775664	-	G	3	chr14:104775651-104775799
## 4813	chr14	104775665	+	G	251	chr14:104775651-104775799
## 4814	chr14	104775665	-	G	3	chr14:104775651-104775799
## 4815	chr14	104775666	+	C	1	chr14:104775651-104775799
## 4816	chr14	104775666	+	G	244	chr14:104775651-104775799
## 4817	chr14	104775666	-	G	3	chr14:104775651-104775799
## 4818	chr14	104775667	+	C	237	chr14:104775651-104775799
## 4819	chr14	104775667	-	C	3	chr14:104775651-104775799
## 4820	chr14	104775668	+	T	229	chr14:104775651-104775799
## 4821	chr14	104775668	-	T	6	chr14:104775651-104775799
## 4822	chr14	104775669	+	T	237	chr14:104775651-104775799
## 4823	chr14	104775669	-	T	10	chr14:104775651-104775799
## 4824	chr14	104775670	+	G	220	chr14:104775651-104775799
## 4825	chr14	104775670	-	G	10	chr14:104775651-104775799
## 4826	chr14	104775671	+	G	230	chr14:104775651-104775799
## 4827	chr14	104775671	-	G	10	chr14:104775651-104775799
## 4828	chr14	104775672	+	C	234	chr14:104775651-104775799
## 4829	chr14	104775672	-	C	12	chr14:104775651-104775799
## 4830	chr14	104775673	+	C	228	chr14:104775651-104775799
## 4831	chr14	104775673	-	C	12	chr14:104775651-104775799
## 4832	chr14	104775674	+	A	224	chr14:104775651-104775799
## 4833	chr14	104775674	-	A	12	chr14:104775651-104775799
## 4834	chr14	104775675	+	G	235	chr14:104775651-104775799
## 4835	chr14	104775675	-	G	12	chr14:104775651-104775799
## 4836	chr14	104775676	+	G	230	chr14:104775651-104775799
## 4837	chr14	104775676	-	G	12	chr14:104775651-104775799
## 4838	chr14	104775676	+	T	1	chr14:104775651-104775799
## 4839	chr14	104775677	+	C	1	chr14:104775651-104775799
## 4840	chr14	104775677	+	G	220	chr14:104775651-104775799
## 4841	chr14	104775677	-	G	12	chr14:104775651-104775799
## 4842	chr14	104775678	+	A	217	chr14:104775651-104775799
## 4843	chr14	104775678	-	A	16	chr14:104775651-104775799
## 4844	chr14	104775678	+	C	2	chr14:104775651-104775799
## 4845	chr14	104775678	-	C	1	chr14:104775651-104775799

## 4846	chr14	104775678	+	T	1	chr14:104775651-104775799
## 4847	chr14	104775679	-	A	1	chr14:104775651-104775799
## 4848	chr14	104775679	+	C	228	chr14:104775651-104775799
## 4849	chr14	104775679	-	C	16	chr14:104775651-104775799
## 4850	chr14	104775680	+	A	217	chr14:104775651-104775799
## 4851	chr14	104775680	-	A	16	chr14:104775651-104775799
## 4852	chr14	104775681	+	A	1	chr14:104775651-104775799
## 4853	chr14	104775681	+	C	207	chr14:104775651-104775799
## 4854	chr14	104775681	-	C	15	chr14:104775651-104775799
## 4855	chr14	104775682	+	A	2	chr14:104775651-104775799
## 4856	chr14	104775682	+	C	232	chr14:104775651-104775799
## 4857	chr14	104775682	-	C	15	chr14:104775651-104775799
## 4858	chr14	104775682	+	T	1	chr14:104775651-104775799
## 4859	chr14	104775683	+	T	235	chr14:104775651-104775799
## 4860	chr14	104775683	-	T	15	chr14:104775651-104775799
## 4861	chr14	104775684	+	C	235	chr14:104775651-104775799
## 4862	chr14	104775684	-	C	15	chr14:104775651-104775799
## 4863	chr14	104775685	+	C	235	chr14:104775651-104775799
## 4864	chr14	104775685	-	C	15	chr14:104775651-104775799
## 4865	chr14	104775686	+	A	235	chr14:104775651-104775799
## 4866	chr14	104775686	-	A	15	chr14:104775651-104775799
## 4867	chr14	104775687	+	T	235	chr14:104775651-104775799
## 4868	chr14	104775687	-	T	15	chr14:104775651-104775799
## 4869	chr14	104775688	+	C	235	chr14:104775651-104775799
## 4870	chr14	104775688	-	C	15	chr14:104775651-104775799
## 4871	chr14	104775689	+	T	235	chr14:104775651-104775799
## 4872	chr14	104775689	-	T	15	chr14:104775651-104775799
## 4873	chr14	104775690	+	C	235	chr14:104775651-104775799
## 4874	chr14	104775690	-	C	15	chr14:104775651-104775799
## 4875	chr14	104775691	+	T	235	chr14:104775651-104775799
## 4876	chr14	104775691	-	T	15	chr14:104775651-104775799
## 4877	chr14	104775692	+	T	235	chr14:104775651-104775799
## 4878	chr14	104775692	-	T	15	chr14:104775651-104775799
## 4879	chr14	104775693	+	C	235	chr14:104775651-104775799
## 4880	chr14	104775693	-	C	15	chr14:104775651-104775799
## 4881	chr14	104775694	+	A	235	chr14:104775651-104775799
## 4882	chr14	104775694	-	A	15	chr14:104775651-104775799
## 4883	chr14	104775695	-	A	1	chr14:104775651-104775799
## 4884	chr14	104775695	+	G	235	chr14:104775651-104775799
## 4885	chr14	104775695	-	G	14	chr14:104775651-104775799
## 4886	chr14	104775696	+	C	235	chr14:104775651-104775799
## 4887	chr14	104775696	-	C	15	chr14:104775651-104775799
## 4888	chr14	104775697	+	C	235	chr14:104775651-104775799
## 4889	chr14	104775697	-	C	15	chr14:104775651-104775799
## 4890	chr14	104775698	+	C	236	chr14:104775651-104775799
## 4891	chr14	104775698	-	C	15	chr14:104775651-104775799
## 4892	chr14	104775699	+	A	1	chr14:104775651-104775799
## 4893	chr14	104775699	+	C	235	chr14:104775651-104775799
## 4894	chr14	104775699	-	C	15	chr14:104775651-104775799
## 4895	chr14	104775700	+	T	236	chr14:104775651-104775799
## 4896	chr14	104775700	-	T	15	chr14:104775651-104775799
## 4897	chr14	104775701	+	G	236	chr14:104775651-104775799
## 4898	chr14	104775701	-	G	15	chr14:104775651-104775799
## 4899	chr14	104775702	+	A	236	chr14:104775651-104775799

## 4900	chr14	104775702	-	A	15	chr14:104775651-104775799
## 4901	chr14	104775703	+	G	236	chr14:104775651-104775799
## 4902	chr14	104775703	-	G	15	chr14:104775651-104775799
## 4903	chr14	104775704	+	T	236	chr14:104775651-104775799
## 4904	chr14	104775704	-	T	15	chr14:104775651-104775799
## 4905	chr14	104775705	+	C	1	chr14:104775651-104775799
## 4906	chr14	104775705	+	T	235	chr14:104775651-104775799
## 4907	chr14	104775705	-	T	15	chr14:104775651-104775799
## 4908	chr14	104775706	+	G	235	chr14:104775651-104775799
## 4909	chr14	104775706	-	G	15	chr14:104775651-104775799
## 4910	chr14	104775706	+	T	1	chr14:104775651-104775799
## 4911	chr14	104775707	+	T	236	chr14:104775651-104775799
## 4912	chr14	104775707	-	T	15	chr14:104775651-104775799
## 4913	chr14	104775708	+	C	236	chr14:104775651-104775799
## 4914	chr14	104775708	-	C	15	chr14:104775651-104775799
## 4915	chr14	104775709	+	A	235	chr14:104775651-104775799
## 4916	chr14	104775709	-	A	15	chr14:104775651-104775799
## 4917	chr14	104775710	+	C	236	chr14:104775651-104775799
## 4918	chr14	104775710	-	C	15	chr14:104775651-104775799
## 4919	chr14	104775711	+	T	237	chr14:104775651-104775799
## 4920	chr14	104775711	-	T	15	chr14:104775651-104775799
## 4921	chr14	104775712	+	G	234	chr14:104775651-104775799
## 4922	chr14	104775712	-	G	15	chr14:104775651-104775799
## 4923	chr14	104775712	+	T	3	chr14:104775651-104775799
## 4924	chr14	104775713	+	G	236	chr14:104775651-104775799
## 4925	chr14	104775713	-	G	15	chr14:104775651-104775799
## 4926	chr14	104775714	+	G	236	chr14:104775651-104775799
## 4927	chr14	104775714	-	G	15	chr14:104775651-104775799
## 4928	chr14	104775715	+	T	235	chr14:104775651-104775799
## 4929	chr14	104775715	-	T	15	chr14:104775651-104775799
## 4930	chr14	104775716	+	G	235	chr14:104775651-104775799
## 4931	chr14	104775716	-	G	15	chr14:104775651-104775799
## 4932	chr14	104775717	+	A	235	chr14:104775651-104775799
## 4933	chr14	104775717	-	A	15	chr14:104775651-104775799
## 4934	chr14	104775718	+	G	235	chr14:104775651-104775799
## 4935	chr14	104775718	-	G	15	chr14:104775651-104775799
## 4936	chr14	104775719	+	-	1	chr14:104775651-104775799
## 4937	chr14	104775719	+	C	234	chr14:104775651-104775799
## 4938	chr14	104775719	-	C	15	chr14:104775651-104775799
## 4939	chr14	104775720	+	C	235	chr14:104775651-104775799
## 4940	chr14	104775720	-	C	15	chr14:104775651-104775799
## 4941	chr14	104775721	+	C	235	chr14:104775651-104775799
## 4942	chr14	104775721	-	C	15	chr14:104775651-104775799
## 4943	chr14	104775722	+	G	234	chr14:104775651-104775799
## 4944	chr14	104775722	-	G	15	chr14:104775651-104775799
## 4945	chr14	104775723	+	A	232	chr14:104775651-104775799
## 4946	chr14	104775723	-	A	13	chr14:104775651-104775799
## 4947	chr14	104775723	+	C	2	chr14:104775651-104775799
## 4948	chr14	104775724	+	C	236	chr14:104775651-104775799
## 4949	chr14	104775724	-	C	13	chr14:104775651-104775799
## 4950	chr14	104775724	+	T	1	chr14:104775651-104775799
## 4951	chr14	104775725	+	C	236	chr14:104775651-104775799
## 4952	chr14	104775725	-	C	13	chr14:104775651-104775799
## 4953	chr14	104775725	+	T	1	chr14:104775651-104775799

## 4954	chr14	104775726	+	G	236	chr14:104775651-104775799
## 4955	chr14	104775726	-	G	13	chr14:104775651-104775799
## 4956	chr14	104775726	+	T	1	chr14:104775651-104775799
## 4957	chr14	104775727	+	G	237	chr14:104775651-104775799
## 4958	chr14	104775727	-	G	13	chr14:104775651-104775799
## 4959	chr14	104775728	+	A	238	chr14:104775651-104775799
## 4960	chr14	104775728	-	A	13	chr14:104775651-104775799
## 4961	chr14	104775729	+	A	238	chr14:104775651-104775799
## 4962	chr14	104775729	-	A	13	chr14:104775651-104775799
## 4963	chr14	104775730	+	G	238	chr14:104775651-104775799
## 4964	chr14	104775730	-	G	13	chr14:104775651-104775799
## 4965	chr14	104775731	+	T	238	chr14:104775651-104775799
## 4966	chr14	104775731	-	T	13	chr14:104775651-104775799
## 4967	chr14	104775732	+	C	238	chr14:104775651-104775799
## 4968	chr14	104775732	-	C	13	chr14:104775651-104775799
## 4969	chr14	104775733	+	C	238	chr14:104775651-104775799
## 4970	chr14	104775733	-	C	13	chr14:104775651-104775799
## 4971	chr14	104775734	+	A	238	chr14:104775651-104775799
## 4972	chr14	104775734	-	A	13	chr14:104775651-104775799
## 4973	chr14	104775735	+	T	238	chr14:104775651-104775799
## 4974	chr14	104775735	-	T	13	chr14:104775651-104775799
## 4975	chr14	104775736	+	C	238	chr14:104775651-104775799
## 4976	chr14	104775736	-	C	13	chr14:104775651-104775799
## 4977	chr14	104775737	+	T	237	chr14:104775651-104775799
## 4978	chr14	104775737	-	T	13	chr14:104775651-104775799
## 4979	chr14	104775738	+	C	238	chr14:104775651-104775799
## 4980	chr14	104775738	-	C	13	chr14:104775651-104775799
## 4981	chr14	104775739	+	C	238	chr14:104775651-104775799
## 4982	chr14	104775739	-	C	13	chr14:104775651-104775799
## 4983	chr14	104775740	+	T	238	chr14:104775651-104775799
## 4984	chr14	104775740	-	T	13	chr14:104775651-104775799
## 4985	chr14	104775741	+	A	1	chr14:104775651-104775799
## 4986	chr14	104775741	+	C	236	chr14:104775651-104775799
## 4987	chr14	104775741	-	C	13	chr14:104775651-104775799
## 4988	chr14	104775741	+	T	1	chr14:104775651-104775799
## 4989	chr14	104775742	+	A	4	chr14:104775651-104775799
## 4990	chr14	104775742	+	C	232	chr14:104775651-104775799
## 4991	chr14	104775742	-	C	13	chr14:104775651-104775799
## 4992	chr14	104775743	+	A	2	chr14:104775651-104775799
## 4993	chr14	104775743	+	T	228	chr14:104775651-104775799
## 4994	chr14	104775743	-	T	9	chr14:104775651-104775799
## 4995	chr14	104775744	+	C	222	chr14:104775651-104775799
## 4996	chr14	104775744	-	C	7	chr14:104775651-104775799
## 4997	chr14	104775745	+	C	228	chr14:104775651-104775799
## 4998	chr14	104775745	-	C	19	chr14:104775651-104775799
## 4999	chr14	104775746	+	T	210	chr14:104775651-104775799
## 5000	chr14	104775746	-	T	19	chr14:104775651-104775799
## 5001	chr14	104775747	+	A	1	chr14:104775651-104775799
## 5002	chr14	104775747	+	C	208	chr14:104775651-104775799
## 5003	chr14	104775747	-	C	31	chr14:104775651-104775799
## 5004	chr14	104775747	+	G	1	chr14:104775651-104775799
## 5005	chr14	104775748	+	C	212	chr14:104775651-104775799
## 5006	chr14	104775748	-	C	31	chr14:104775651-104775799
## 5007	chr14	104775748	+	G	2	chr14:104775651-104775799

## 5008	chr14	104775748	+	T	1	chr14:104775651-104775799
## 5009	chr14	104775749	+	A	2	chr14:104775651-104775799
## 5010	chr14	104775749	+	T	206	chr14:104775651-104775799
## 5011	chr14	104775749	-	T	31	chr14:104775651-104775799
## 5012	chr14	104775750	+	G	206	chr14:104775651-104775799
## 5013	chr14	104775750	-	G	31	chr14:104775651-104775799
## 5014	chr14	104775751	+	C	204	chr14:104775651-104775799
## 5015	chr14	104775751	-	C	40	chr14:104775651-104775799
## 5016	chr14	104775751	+	G	2	chr14:104775651-104775799
## 5017	chr14	104775752	+	G	2	chr14:104775651-104775799
## 5018	chr14	104775752	+	T	200	chr14:104775651-104775799
## 5019	chr14	104775752	-	T	40	chr14:104775651-104775799
## 5020	chr14	104775753	+	T	197	chr14:104775651-104775799
## 5021	chr14	104775753	-	T	40	chr14:104775651-104775799
## 5022	chr14	104775754	+	C	190	chr14:104775651-104775799
## 5023	chr14	104775754	-	C	47	chr14:104775651-104775799
## 5024	chr14	104775755	+	T	185	chr14:104775651-104775799
## 5025	chr14	104775755	-	T	54	chr14:104775651-104775799
## 5026	chr14	104775756	+	T	176	chr14:104775651-104775799
## 5027	chr14	104775756	-	T	59	chr14:104775651-104775799
## 5028	chr14	104775757	+	A	1	chr14:104775651-104775799
## 5029	chr14	104775757	+	G	155	chr14:104775651-104775799
## 5030	chr14	104775757	-	G	66	chr14:104775651-104775799
## 5031	chr14	104775758	+	A	166	chr14:104775651-104775799
## 5032	chr14	104775758	-	A	83	chr14:104775651-104775799
## 5033	chr14	104775758	+	G	1	chr14:104775651-104775799
## 5034	chr14	104775759	+	G	166	chr14:104775651-104775799
## 5035	chr14	104775759	-	G	83	chr14:104775651-104775799
## 5036	chr14	104775760	+	G	168	chr14:104775651-104775799
## 5037	chr14	104775760	-	G	83	chr14:104775651-104775799
## 5038	chr14	104775761	+	C	168	chr14:104775651-104775799
## 5039	chr14	104775761	-	C	83	chr14:104775651-104775799
## 5040	chr14	104775762	+	C	168	chr14:104775651-104775799
## 5041	chr14	104775762	-	C	83	chr14:104775651-104775799
## 5042	chr14	104775763	-	A	1	chr14:104775651-104775799
## 5043	chr14	104775763	+	G	167	chr14:104775651-104775799
## 5044	chr14	104775763	-	G	82	chr14:104775651-104775799
## 5045	chr14	104775764	-	G	1	chr14:104775651-104775799
## 5046	chr14	104775764	+	T	167	chr14:104775651-104775799
## 5047	chr14	104775764	-	T	82	chr14:104775651-104775799
## 5048	chr14	104775765	+	C	167	chr14:104775651-104775799
## 5049	chr14	104775765	-	C	83	chr14:104775651-104775799
## 5050	chr14	104775766	+	A	167	chr14:104775651-104775799
## 5051	chr14	104775766	-	A	83	chr14:104775651-104775799
## 5052	chr14	104775767	+	G	167	chr14:104775651-104775799
## 5053	chr14	104775767	-	G	82	chr14:104775651-104775799
## 5054	chr14	104775767	-	T	1	chr14:104775651-104775799
## 5055	chr14	104775768	+	C	167	chr14:104775651-104775799
## 5056	chr14	104775768	-	C	83	chr14:104775651-104775799
## 5057	chr14	104775769	+	C	167	chr14:104775651-104775799
## 5058	chr14	104775769	-	C	83	chr14:104775651-104775799
## 5059	chr14	104775770	+	A	166	chr14:104775651-104775799
## 5060	chr14	104775770	-	A	83	chr14:104775651-104775799
## 5061	chr14	104775771	+	C	168	chr14:104775651-104775799

## 5062	chr14 104775771	-	C	83	chr14:104775651-104775799
## 5063	chr14 104775772	+	A	168	chr14:104775651-104775799
## 5064	chr14 104775772	-	A	83	chr14:104775651-104775799
## 5065	chr14 104775773	+	G	168	chr14:104775651-104775799
## 5066	chr14 104775773	-	G	83	chr14:104775651-104775799
## 5067	chr14 104775774	+	T	168	chr14:104775651-104775799
## 5068	chr14 104775774	-	T	83	chr14:104775651-104775799
## 5069	chr14 104775775	+	C	168	chr14:104775651-104775799
## 5070	chr14 104775775	-	C	83	chr14:104775651-104775799
## 5071	chr14 104775776	+	T	168	chr14:104775651-104775799
## 5072	chr14 104775776	-	T	83	chr14:104775651-104775799
## 5073	chr14 104775777	+	G	168	chr14:104775651-104775799
## 5074	chr14 104775777	-	G	83	chr14:104775651-104775799
## 5075	chr14 104775777	+	T	1	chr14:104775651-104775799
## 5076	chr14 104775778	+	G	169	chr14:104775651-104775799
## 5077	chr14 104775778	-	G	83	chr14:104775651-104775799
## 5078	chr14 104775779	+	A	169	chr14:104775651-104775799
## 5079	chr14 104775779	-	A	83	chr14:104775651-104775799
## 5080	chr14 104775780	+	T	169	chr14:104775651-104775799
## 5081	chr14 104775780	-	T	83	chr14:104775651-104775799
## 5082	chr14 104775781	+	G	169	chr14:104775651-104775799
## 5083	chr14 104775781	-	G	83	chr14:104775651-104775799
## 5084	chr14 104775782	+	G	169	chr14:104775651-104775799
## 5085	chr14 104775782	-	G	83	chr14:104775651-104775799
## 5086	chr14 104775783	+	C	168	chr14:104775651-104775799
## 5087	chr14 104775783	-	C	83	chr14:104775651-104775799
## 5088	chr14 104775783	+	T	2	chr14:104775651-104775799
## 5089	chr14 104775784	+	G	170	chr14:104775651-104775799
## 5090	chr14 104775784	-	G	83	chr14:104775651-104775799
## 5091	chr14 104775785	+	G	170	chr14:104775651-104775799
## 5092	chr14 104775785	-	G	83	chr14:104775651-104775799
## 5093	chr14 104775786	+	A	1	chr14:104775651-104775799
## 5094	chr14 104775786	+	T	169	chr14:104775651-104775799
## 5095	chr14 104775786	-	T	83	chr14:104775651-104775799
## 5096	chr14 104775787	+	T	170	chr14:104775651-104775799
## 5097	chr14 104775787	-	T	83	chr14:104775651-104775799
## 5098	chr14 104775788	+	G	170	chr14:104775651-104775799
## 5099	chr14 104775788	-	G	83	chr14:104775651-104775799
## 5100	chr14 104775789	+	T	170	chr14:104775651-104775799
## 5101	chr14 104775789	-	T	83	chr14:104775651-104775799
## 5102	chr14 104775790	+	C	170	chr14:104775651-104775799
## 5103	chr14 104775790	-	C	83	chr14:104775651-104775799
## 5104	chr14 104775791	+	C	170	chr14:104775651-104775799
## 5105	chr14 104775791	-	C	83	chr14:104775651-104775799
## 5106	chr14 104775792	+	A	170	chr14:104775651-104775799
## 5107	chr14 104775792	-	A	83	chr14:104775651-104775799
## 5108	chr14 104775793	+	C	170	chr14:104775651-104775799
## 5109	chr14 104775793	-	C	83	chr14:104775651-104775799
## 5110	chr14 104775794	+	T	170	chr14:104775651-104775799
## 5111	chr14 104775794	-	T	83	chr14:104775651-104775799
## 5112	chr14 104775795	+	C	169	chr14:104775651-104775799
## 5113	chr14 104775795	-	C	82	chr14:104775651-104775799
## 5114	chr14 104775796	+	C	169	chr14:104775651-104775799
## 5115	chr14 104775796	-	C	82	chr14:104775651-104775799

## 5116	chr14	104775797	+	T	169	chr14:104775651-104775799
## 5117	chr14	104775797	-	T	82	chr14:104775651-104775799
## 5118	chr14	104775798	+	C	168	chr14:104775651-104775799
## 5119	chr14	104775798	-	C	82	chr14:104775651-104775799
## 5120	chr14	104775799	+	A	1	chr14:104775651-104775799
## 5121	chr14	104775799	-	A	2	chr14:104775651-104775799
## 5122	chr14	104775799	+	C	164	chr14:104775651-104775799
## 5123	chr14	104775799	-	C	80	chr14:104775651-104775799
## 5124	chr14	104776658	+	C	285	chr14:104776658-104776770
## 5125	chr14	104776658	-	C	32	chr14:104776658-104776770
## 5126	chr14	104776659	+	C	252	chr14:104776658-104776770
## 5127	chr14	104776659	-	C	26	chr14:104776658-104776770
## 5128	chr14	104776659	+	G	1	chr14:104776658-104776770
## 5129	chr14	104776659	+	T	1	chr14:104776658-104776770
## 5130	chr14	104776660	+	A	2	chr14:104776658-104776770
## 5131	chr14	104776660	-	A	1	chr14:104776658-104776770
## 5132	chr14	104776660	+	G	226	chr14:104776658-104776770
## 5133	chr14	104776660	-	G	23	chr14:104776658-104776770
## 5134	chr14	104776661	+	C	210	chr14:104776658-104776770
## 5135	chr14	104776661	-	C	24	chr14:104776658-104776770
## 5136	chr14	104776662	+	T	207	chr14:104776658-104776770
## 5137	chr14	104776662	-	T	22	chr14:104776658-104776770
## 5138	chr14	104776663	+	C	207	chr14:104776658-104776770
## 5139	chr14	104776663	-	C	20	chr14:104776658-104776770
## 5140	chr14	104776664	+	C	212	chr14:104776658-104776770
## 5141	chr14	104776664	-	C	22	chr14:104776658-104776770
## 5142	chr14	104776665	+	T	188	chr14:104776658-104776770
## 5143	chr14	104776665	-	T	19	chr14:104776658-104776770
## 5144	chr14	104776666	+	C	182	chr14:104776658-104776770
## 5145	chr14	104776666	-	C	29	chr14:104776658-104776770
## 5146	chr14	104776667	+	A	203	chr14:104776658-104776770
## 5147	chr14	104776667	-	A	30	chr14:104776658-104776770
## 5148	chr14	104776668	+	G	220	chr14:104776658-104776770
## 5149	chr14	104776668	-	G	30	chr14:104776658-104776770
## 5150	chr14	104776669	+	G	220	chr14:104776658-104776770
## 5151	chr14	104776669	-	G	30	chr14:104776658-104776770
## 5152	chr14	104776670	+	A	219	chr14:104776658-104776770
## 5153	chr14	104776670	-	A	30	chr14:104776658-104776770
## 5154	chr14	104776670	+	T	1	chr14:104776658-104776770
## 5155	chr14	104776671	+	G	220	chr14:104776658-104776770
## 5156	chr14	104776671	-	G	30	chr14:104776658-104776770
## 5157	chr14	104776672	+	T	219	chr14:104776658-104776770
## 5158	chr14	104776672	-	T	30	chr14:104776658-104776770
## 5159	chr14	104776673	+	C	221	chr14:104776658-104776770
## 5160	chr14	104776673	-	C	30	chr14:104776658-104776770
## 5161	chr14	104776674	+	T	221	chr14:104776658-104776770
## 5162	chr14	104776674	-	T	30	chr14:104776658-104776770
## 5163	chr14	104776675	+	C	221	chr14:104776658-104776770
## 5164	chr14	104776675	-	C	30	chr14:104776658-104776770
## 5165	chr14	104776676	+	C	221	chr14:104776658-104776770
## 5166	chr14	104776676	-	C	30	chr14:104776658-104776770
## 5167	chr14	104776677	+	A	220	chr14:104776658-104776770
## 5168	chr14	104776677	-	A	30	chr14:104776658-104776770
## 5169	chr14	104776677	+	C	1	chr14:104776658-104776770

## 5170	chr14	104776678	+	C	221	chr14:104776658-104776770
## 5171	chr14	104776678	-	C	30	chr14:104776658-104776770
## 5172	chr14	104776679	+	A	221	chr14:104776658-104776770
## 5173	chr14	104776679	-	A	30	chr14:104776658-104776770
## 5174	chr14	104776680	+	T	221	chr14:104776658-104776770
## 5175	chr14	104776680	-	T	30	chr14:104776658-104776770
## 5176	chr14	104776681	+	G	220	chr14:104776658-104776770
## 5177	chr14	104776681	-	G	30	chr14:104776658-104776770
## 5178	chr14	104776681	+	T	1	chr14:104776658-104776770
## 5179	chr14	104776682	+	G	221	chr14:104776658-104776770
## 5180	chr14	104776682	-	G	30	chr14:104776658-104776770
## 5181	chr14	104776683	+	A	221	chr14:104776658-104776770
## 5182	chr14	104776683	-	A	30	chr14:104776658-104776770
## 5183	chr14	104776684	+	A	221	chr14:104776658-104776770
## 5184	chr14	104776684	-	A	30	chr14:104776658-104776770
## 5185	chr14	104776685	+	G	221	chr14:104776658-104776770
## 5186	chr14	104776685	-	G	30	chr14:104776658-104776770
## 5187	chr14	104776686	+	G	221	chr14:104776658-104776770
## 5188	chr14	104776686	-	G	30	chr14:104776658-104776770
## 5189	chr14	104776687	+	T	221	chr14:104776658-104776770
## 5190	chr14	104776687	-	T	30	chr14:104776658-104776770
## 5191	chr14	104776688	+	G	221	chr14:104776658-104776770
## 5192	chr14	104776688	-	G	30	chr14:104776658-104776770
## 5193	chr14	104776689	+	C	221	chr14:104776658-104776770
## 5194	chr14	104776689	-	C	30	chr14:104776658-104776770
## 5195	chr14	104776690	+	G	221	chr14:104776658-104776770
## 5196	chr14	104776690	-	G	30	chr14:104776658-104776770
## 5197	chr14	104776691	+	T	221	chr14:104776658-104776770
## 5198	chr14	104776691	-	T	30	chr14:104776658-104776770
## 5199	chr14	104776692	+	T	221	chr14:104776658-104776770
## 5200	chr14	104776692	-	T	30	chr14:104776658-104776770
## 5201	chr14	104776693	+	A	1	chr14:104776658-104776770
## 5202	chr14	104776693	+	C	220	chr14:104776658-104776770
## 5203	chr14	104776693	-	C	30	chr14:104776658-104776770
## 5204	chr14	104776694	+	G	221	chr14:104776658-104776770
## 5205	chr14	104776694	-	G	30	chr14:104776658-104776770
## 5206	chr14	104776695	+	A	220	chr14:104776658-104776770
## 5207	chr14	104776695	-	A	30	chr14:104776658-104776770
## 5208	chr14	104776696	+	T	221	chr14:104776658-104776770
## 5209	chr14	104776696	-	T	30	chr14:104776658-104776770
## 5210	chr14	104776697	+	G	221	chr14:104776658-104776770
## 5211	chr14	104776697	-	G	30	chr14:104776658-104776770
## 5212	chr14	104776698	+	A	220	chr14:104776658-104776770
## 5213	chr14	104776698	-	A	30	chr14:104776658-104776770
## 5214	chr14	104776698	+	T	1	chr14:104776658-104776770
## 5215	chr14	104776699	+	C	221	chr14:104776658-104776770
## 5216	chr14	104776699	-	C	30	chr14:104776658-104776770
## 5217	chr14	104776700	+	A	221	chr14:104776658-104776770
## 5218	chr14	104776700	-	A	30	chr14:104776658-104776770
## 5219	chr14	104776701	+	G	221	chr14:104776658-104776770
## 5220	chr14	104776701	-	G	30	chr14:104776658-104776770
## 5221	chr14	104776702	+	T	221	chr14:104776658-104776770
## 5222	chr14	104776702	-	T	30	chr14:104776658-104776770
## 5223	chr14	104776703	+	G	221	chr14:104776658-104776770

## 5224	chr14	104776703	-	G	30	chr14:104776658-104776770
## 5225	chr14	104776704	+	G	221	chr14:104776658-104776770
## 5226	chr14	104776704	-	G	30	chr14:104776658-104776770
## 5227	chr14	104776705	+	T	221	chr14:104776658-104776770
## 5228	chr14	104776705	-	T	30	chr14:104776658-104776770
## 5229	chr14	104776706	+	C	221	chr14:104776658-104776770
## 5230	chr14	104776706	-	C	30	chr14:104776658-104776770
## 5231	chr14	104776707	+	C	220	chr14:104776658-104776770
## 5232	chr14	104776707	-	C	30	chr14:104776658-104776770
## 5233	chr14	104776708	+	A	220	chr14:104776658-104776770
## 5234	chr14	104776708	-	A	30	chr14:104776658-104776770
## 5235	chr14	104776709	+	C	220	chr14:104776658-104776770
## 5236	chr14	104776709	-	C	30	chr14:104776658-104776770
## 5237	chr14	104776710	+	T	220	chr14:104776658-104776770
## 5238	chr14	104776710	-	T	30	chr14:104776658-104776770
## 5239	chr14	104776711	+	G	220	chr14:104776658-104776770
## 5240	chr14	104776711	-	G	30	chr14:104776658-104776770
## 5241	chr14	104776712	+	C	220	chr14:104776658-104776770
## 5242	chr14	104776712	-	C	30	chr14:104776658-104776770
## 5243	chr14	104776713	+	A	220	chr14:104776658-104776770
## 5244	chr14	104776713	-	A	30	chr14:104776658-104776770
## 5245	chr14	104776714	+	G	220	chr14:104776658-104776770
## 5246	chr14	104776714	-	G	30	chr14:104776658-104776770
## 5247	chr14	104776715	+	G	220	chr14:104776658-104776770
## 5248	chr14	104776715	-	G	30	chr14:104776658-104776770
## 5249	chr14	104776716	+	C	220	chr14:104776658-104776770
## 5250	chr14	104776716	-	C	30	chr14:104776658-104776770
## 5251	chr14	104776717	+	A	220	chr14:104776658-104776770
## 5252	chr14	104776717	-	A	30	chr14:104776658-104776770
## 5253	chr14	104776718	+	G	219	chr14:104776658-104776770
## 5254	chr14	104776718	-	G	30	chr14:104776658-104776770
## 5255	chr14	104776718	+	T	1	chr14:104776658-104776770
## 5256	chr14	104776719	+	C	219	chr14:104776658-104776770
## 5257	chr14	104776719	-	C	30	chr14:104776658-104776770
## 5258	chr14	104776719	+	T	1	chr14:104776658-104776770
## 5259	chr14	104776720	+	G	220	chr14:104776658-104776770
## 5260	chr14	104776720	-	G	30	chr14:104776658-104776770
## 5261	chr14	104776721	+	G	219	chr14:104776658-104776770
## 5262	chr14	104776721	-	G	30	chr14:104776658-104776770
## 5263	chr14	104776722	+	A	220	chr14:104776658-104776770
## 5264	chr14	104776722	-	A	30	chr14:104776658-104776770
## 5265	chr14	104776723	+	T	220	chr14:104776658-104776770
## 5266	chr14	104776723	-	T	30	chr14:104776658-104776770
## 5267	chr14	104776724	+	G	220	chr14:104776658-104776770
## 5268	chr14	104776724	-	G	30	chr14:104776658-104776770
## 5269	chr14	104776725	+	A	220	chr14:104776658-104776770
## 5270	chr14	104776725	-	A	30	chr14:104776658-104776770
## 5271	chr14	104776726	+	T	220	chr14:104776658-104776770
## 5272	chr14	104776726	-	T	30	chr14:104776658-104776770
## 5273	chr14	104776727	+	G	220	chr14:104776658-104776770
## 5274	chr14	104776727	-	G	30	chr14:104776658-104776770
## 5275	chr14	104776728	+	A	220	chr14:104776658-104776770
## 5276	chr14	104776728	-	A	30	chr14:104776658-104776770
## 5277	chr14	104776729	+	A	220	chr14:104776658-104776770

## 5278	chr14	104776729	-	A	30	chr14:104776658-104776770
## 5279	chr14	104776730	+	G	220	chr14:104776658-104776770
## 5280	chr14	104776730	-	G	30	chr14:104776658-104776770
## 5281	chr14	104776731	+	G	220	chr14:104776658-104776770
## 5282	chr14	104776731	-	G	30	chr14:104776658-104776770
## 5283	chr14	104776732	+	T	219	chr14:104776658-104776770
## 5284	chr14	104776732	-	T	31	chr14:104776658-104776770
## 5285	chr14	104776733	+	G	219	chr14:104776658-104776770
## 5286	chr14	104776733	-	G	30	chr14:104776658-104776770
## 5287	chr14	104776734	+	T	219	chr14:104776658-104776770
## 5288	chr14	104776734	-	T	31	chr14:104776658-104776770
## 5289	chr14	104776735	+	T	218	chr14:104776658-104776770
## 5290	chr14	104776735	-	T	32	chr14:104776658-104776770
## 5291	chr14	104776736	+	A	1	chr14:104776658-104776770
## 5292	chr14	104776736	+	G	216	chr14:104776658-104776770
## 5293	chr14	104776736	-	G	33	chr14:104776658-104776770
## 5294	chr14	104776737	+	G	201	chr14:104776658-104776770
## 5295	chr14	104776737	-	G	33	chr14:104776658-104776770
## 5296	chr14	104776738	+	G	181	chr14:104776658-104776770
## 5297	chr14	104776738	-	G	50	chr14:104776658-104776770
## 5298	chr14	104776739	+	C	159	chr14:104776658-104776770
## 5299	chr14	104776739	-	C	68	chr14:104776658-104776770
## 5300	chr14	104776740	+	C	140	chr14:104776658-104776770
## 5301	chr14	104776740	-	C	91	chr14:104776658-104776770
## 5302	chr14	104776740	+	T	2	chr14:104776658-104776770
## 5303	chr14	104776741	+	G	125	chr14:104776658-104776770
## 5304	chr14	104776741	-	G	84	chr14:104776658-104776770
## 5305	chr14	104776742	+	G	85	chr14:104776658-104776770
## 5306	chr14	104776742	-	G	104	chr14:104776658-104776770
## 5307	chr14	104776743	+	G	67	chr14:104776658-104776770
## 5308	chr14	104776743	-	G	128	chr14:104776658-104776770
## 5309	chr14	104776744	+	G	66	chr14:104776658-104776770
## 5310	chr14	104776744	-	G	157	chr14:104776658-104776770
## 5311	chr14	104776745	+	C	65	chr14:104776658-104776770
## 5312	chr14	104776745	-	C	167	chr14:104776658-104776770
## 5313	chr14	104776746	+	C	64	chr14:104776658-104776770
## 5314	chr14	104776746	-	C	182	chr14:104776658-104776770
## 5315	chr14	104776747	-	A	4	chr14:104776658-104776770
## 5316	chr14	104776747	+	G	63	chr14:104776658-104776770
## 5317	chr14	104776747	-	G	183	chr14:104776658-104776770
## 5318	chr14	104776748	+	C	61	chr14:104776658-104776770
## 5319	chr14	104776748	-	C	188	chr14:104776658-104776770
## 5320	chr14	104776749	+	A	1	chr14:104776658-104776770
## 5321	chr14	104776749	+	T	59	chr14:104776658-104776770
## 5322	chr14	104776749	-	T	190	chr14:104776658-104776770
## 5323	chr14	104776750	+	C	59	chr14:104776658-104776770
## 5324	chr14	104776750	-	C	191	chr14:104776658-104776770
## 5325	chr14	104776751	+	C	58	chr14:104776658-104776770
## 5326	chr14	104776751	-	C	192	chr14:104776658-104776770
## 5327	chr14	104776752	+	G	57	chr14:104776658-104776770
## 5328	chr14	104776752	-	G	193	chr14:104776658-104776770
## 5329	chr14	104776753	+	T	56	chr14:104776658-104776770
## 5330	chr14	104776753	-	T	194	chr14:104776658-104776770
## 5331	chr14	104776754	+	C	55	chr14:104776658-104776770

## 5332	chr14	104776754	-	C	195	chr14:104776658-104776770
## 5333	chr14	104776755	+	T	54	chr14:104776658-104776770
## 5334	chr14	104776755	-	T	196	chr14:104776658-104776770
## 5335	chr14	104776756	+	T	53	chr14:104776658-104776770
## 5336	chr14	104776756	-	T	197	chr14:104776658-104776770
## 5337	chr14	104776757	+	C	52	chr14:104776658-104776770
## 5338	chr14	104776757	-	C	198	chr14:104776658-104776770
## 5339	chr14	104776758	+	A	51	chr14:104776658-104776770
## 5340	chr14	104776758	-	A	198	chr14:104776658-104776770
## 5341	chr14	104776758	-	T	1	chr14:104776658-104776770
## 5342	chr14	104776759	+	T	50	chr14:104776658-104776770
## 5343	chr14	104776759	-	T	200	chr14:104776658-104776770
## 5344	chr14	104776760	+	C	49	chr14:104776658-104776770
## 5345	chr14	104776760	-	C	201	chr14:104776658-104776770
## 5346	chr14	104776761	+	A	48	chr14:104776658-104776770
## 5347	chr14	104776761	-	A	202	chr14:104776658-104776770
## 5348	chr14	104776762	+	G	47	chr14:104776658-104776770
## 5349	chr14	104776762	-	G	203	chr14:104776658-104776770
## 5350	chr14	104776763	+	C	46	chr14:104776658-104776770
## 5351	chr14	104776763	-	C	204	chr14:104776658-104776770
## 5352	chr14	104776764	-	G	1	chr14:104776658-104776770
## 5353	chr14	104776764	+	T	45	chr14:104776658-104776770
## 5354	chr14	104776764	-	T	204	chr14:104776658-104776770
## 5355	chr14	104776765	+	G	44	chr14:104776658-104776770
## 5356	chr14	104776765	-	G	206	chr14:104776658-104776770
## 5357	chr14	104776766	+	G	43	chr14:104776658-104776770
## 5358	chr14	104776766	-	G	207	chr14:104776658-104776770
## 5359	chr14	104776767	+	C	42	chr14:104776658-104776770
## 5360	chr14	104776767	-	C	208	chr14:104776658-104776770
## 5361	chr14	104776768	+	A	39	chr14:104776658-104776770
## 5362	chr14	104776768	-	A	209	chr14:104776658-104776770
## 5363	chr14	104776769	+	C	39	chr14:104776658-104776770
## 5364	chr14	104776769	-	C	212	chr14:104776658-104776770
## 5365	chr14	104776770	+	T	38	chr14:104776658-104776770
## 5366	chr14	104776770	-	T	213	chr14:104776658-104776770
## 5367	chr14	104780087	+	C	276	chr14:104780087-104780216
## 5368	chr14	104780087	-	C	17	chr14:104780087-104780216
## 5369	chr14	104780088	+	G	253	chr14:104780087-104780216
## 5370	chr14	104780088	-	G	17	chr14:104780087-104780216
## 5371	chr14	104780088	+	T	1	chr14:104780087-104780216
## 5372	chr14	104780089	+	C	233	chr14:104780087-104780216
## 5373	chr14	104780089	-	C	17	chr14:104780087-104780216
## 5374	chr14	104780090	+	G	233	chr14:104780087-104780216
## 5375	chr14	104780090	-	G	17	chr14:104780087-104780216
## 5376	chr14	104780091	+	C	225	chr14:104780087-104780216
## 5377	chr14	104780091	-	C	17	chr14:104780087-104780216
## 5378	chr14	104780092	+	C	227	chr14:104780087-104780216
## 5379	chr14	104780092	-	C	17	chr14:104780087-104780216
## 5380	chr14	104780092	+	T	1	chr14:104780087-104780216
## 5381	chr14	104780093	+	A	229	chr14:104780087-104780216
## 5382	chr14	104780093	-	A	17	chr14:104780087-104780216
## 5383	chr14	104780094	+	A	1	chr14:104780087-104780216
## 5384	chr14	104780094	+	C	231	chr14:104780087-104780216
## 5385	chr14	104780094	-	C	17	chr14:104780087-104780216

## 5386	chr14 104780095	+	A	225	chr14:104780087-104780216
## 5387	chr14 104780095	-	A	17	chr14:104780087-104780216
## 5388	chr14 104780096	+	G	232	chr14:104780087-104780216
## 5389	chr14 104780096	-	G	18	chr14:104780087-104780216
## 5390	chr14 104780097	+	A	232	chr14:104780087-104780216
## 5391	chr14 104780097	-	A	18	chr14:104780087-104780216
## 5392	chr14 104780098	+	G	218	chr14:104780087-104780216
## 5393	chr14 104780098	-	G	18	chr14:104780087-104780216
## 5394	chr14 104780099	+	A	223	chr14:104780087-104780216
## 5395	chr14 104780099	-	A	24	chr14:104780087-104780216
## 5396	chr14 104780100	+	A	219	chr14:104780087-104780216
## 5397	chr14 104780100	-	A	24	chr14:104780087-104780216
## 5398	chr14 104780100	+	G	1	chr14:104780087-104780216
## 5399	chr14 104780101	+	G	220	chr14:104780087-104780216
## 5400	chr14 104780101	-	G	24	chr14:104780087-104780216
## 5401	chr14 104780102	+	T	215	chr14:104780087-104780216
## 5402	chr14 104780102	-	T	24	chr14:104780087-104780216
## 5403	chr14 104780103	+	T	211	chr14:104780087-104780216
## 5404	chr14 104780103	-	T	32	chr14:104780087-104780216
## 5405	chr14 104780104	+	G	211	chr14:104780087-104780216
## 5406	chr14 104780104	-	G	36	chr14:104780087-104780216
## 5407	chr14 104780105	+	T	212	chr14:104780087-104780216
## 5408	chr14 104780105	-	T	36	chr14:104780087-104780216
## 5409	chr14 104780106	+	T	207	chr14:104780087-104780216
## 5410	chr14 104780106	-	T	36	chr14:104780087-104780216
## 5411	chr14 104780107	+	G	195	chr14:104780087-104780216
## 5412	chr14 104780107	-	G	40	chr14:104780087-104780216
## 5413	chr14 104780108	+	A	183	chr14:104780087-104780216
## 5414	chr14 104780108	-	A	49	chr14:104780087-104780216
## 5415	chr14 104780108	+	C	1	chr14:104780087-104780216
## 5416	chr14 104780109	+	G	185	chr14:104780087-104780216
## 5417	chr14 104780109	-	G	52	chr14:104780087-104780216
## 5418	chr14 104780110	+	G	188	chr14:104780087-104780216
## 5419	chr14 104780110	-	G	59	chr14:104780087-104780216
## 5420	chr14 104780111	+	G	181	chr14:104780087-104780216
## 5421	chr14 104780111	-	G	57	chr14:104780087-104780216
## 5422	chr14 104780112	+	G	188	chr14:104780087-104780216
## 5423	chr14 104780112	-	G	56	chr14:104780087-104780216
## 5424	chr14 104780113	+	A	192	chr14:104780087-104780216
## 5425	chr14 104780113	-	A	56	chr14:104780087-104780216
## 5426	chr14 104780114	+	G	195	chr14:104780087-104780216
## 5427	chr14 104780114	-	G	56	chr14:104780087-104780216
## 5428	chr14 104780115	+	C	191	chr14:104780087-104780216
## 5429	chr14 104780115	-	C	54	chr14:104780087-104780216
## 5430	chr14 104780116	+	C	186	chr14:104780087-104780216
## 5431	chr14 104780116	-	C	58	chr14:104780087-104780216
## 5432	chr14 104780117	+	T	188	chr14:104780087-104780216
## 5433	chr14 104780117	-	T	57	chr14:104780087-104780216
## 5434	chr14 104780118	+	C	183	chr14:104780087-104780216
## 5435	chr14 104780118	-	C	51	chr14:104780087-104780216
## 5436	chr14 104780119	+	A	188	chr14:104780087-104780216
## 5437	chr14 104780119	-	A	56	chr14:104780087-104780216
## 5438	chr14 104780120	+	C	192	chr14:104780087-104780216
## 5439	chr14 104780120	-	C	58	chr14:104780087-104780216

## 5440	chr14 104780121	+	G	192	chr14:104780087-104780216
## 5441	chr14 104780121	-	G	58	chr14:104780087-104780216
## 5442	chr14 104780122	+	A	1	chr14:104780087-104780216
## 5443	chr14 104780122	+	T	191	chr14:104780087-104780216
## 5444	chr14 104780122	-	T	58	chr14:104780087-104780216
## 5445	chr14 104780123	+	T	192	chr14:104780087-104780216
## 5446	chr14 104780123	-	T	58	chr14:104780087-104780216
## 5447	chr14 104780124	+	G	192	chr14:104780087-104780216
## 5448	chr14 104780124	-	G	58	chr14:104780087-104780216
## 5449	chr14 104780125	+	G	192	chr14:104780087-104780216
## 5450	chr14 104780125	-	G	58	chr14:104780087-104780216
## 5451	chr14 104780126	+	T	192	chr14:104780087-104780216
## 5452	chr14 104780126	-	T	58	chr14:104780087-104780216
## 5453	chr14 104780127	+	C	193	chr14:104780087-104780216
## 5454	chr14 104780127	-	C	58	chr14:104780087-104780216
## 5455	chr14 104780128	+	C	193	chr14:104780087-104780216
## 5456	chr14 104780128	-	C	58	chr14:104780087-104780216
## 5457	chr14 104780129	+	A	192	chr14:104780087-104780216
## 5458	chr14 104780129	-	A	58	chr14:104780087-104780216
## 5459	chr14 104780130	+	C	193	chr14:104780087-104780216
## 5460	chr14 104780130	-	C	58	chr14:104780087-104780216
## 5461	chr14 104780131	+	A	193	chr14:104780087-104780216
## 5462	chr14 104780131	-	A	58	chr14:104780087-104780216
## 5463	chr14 104780132	+	T	193	chr14:104780087-104780216
## 5464	chr14 104780132	-	T	58	chr14:104780087-104780216
## 5465	chr14 104780133	-	A	1	chr14:104780087-104780216
## 5466	chr14 104780133	+	C	193	chr14:104780087-104780216
## 5467	chr14 104780133	-	C	57	chr14:104780087-104780216
## 5468	chr14 104780134	+	C	193	chr14:104780087-104780216
## 5469	chr14 104780134	-	C	57	chr14:104780087-104780216
## 5470	chr14 104780135	+	T	193	chr14:104780087-104780216
## 5471	chr14 104780135	-	T	57	chr14:104780087-104780216
## 5472	chr14 104780136	+	G	193	chr14:104780087-104780216
## 5473	chr14 104780136	-	G	57	chr14:104780087-104780216
## 5474	chr14 104780137	+	C	193	chr14:104780087-104780216
## 5475	chr14 104780137	-	C	57	chr14:104780087-104780216
## 5476	chr14 104780138	+	A	1	chr14:104780087-104780216
## 5477	chr14 104780138	+	G	192	chr14:104780087-104780216
## 5478	chr14 104780138	-	G	57	chr14:104780087-104780216
## 5479	chr14 104780139	+	G	193	chr14:104780087-104780216
## 5480	chr14 104780139	-	G	57	chr14:104780087-104780216
## 5481	chr14 104780140	+	C	192	chr14:104780087-104780216
## 5482	chr14 104780140	-	C	57	chr14:104780087-104780216
## 5483	chr14 104780140	+	G	1	chr14:104780087-104780216
## 5484	chr14 104780141	+	C	191	chr14:104780087-104780216
## 5485	chr14 104780141	-	C	57	chr14:104780087-104780216
## 5486	chr14 104780141	+	T	2	chr14:104780087-104780216
## 5487	chr14 104780142	+	G	193	chr14:104780087-104780216
## 5488	chr14 104780142	-	G	57	chr14:104780087-104780216
## 5489	chr14 104780143	+	C	194	chr14:104780087-104780216
## 5490	chr14 104780143	-	C	56	chr14:104780087-104780216
## 5491	chr14 104780143	-	T	1	chr14:104780087-104780216
## 5492	chr14 104780144	+	T	194	chr14:104780087-104780216
## 5493	chr14 104780144	-	T	57	chr14:104780087-104780216

## 5494	chr14 104780145	+	C	194	chr14:104780087-104780216
## 5495	chr14 104780145	-	C	57	chr14:104780087-104780216
## 5496	chr14 104780146	+	C	194	chr14:104780087-104780216
## 5497	chr14 104780146	-	C	57	chr14:104780087-104780216
## 5498	chr14 104780147	+	T	194	chr14:104780087-104780216
## 5499	chr14 104780147	-	T	57	chr14:104780087-104780216
## 5500	chr14 104780148	+	T	194	chr14:104780087-104780216
## 5501	chr14 104780148	-	T	57	chr14:104780087-104780216
## 5502	chr14 104780149	+	G	194	chr14:104780087-104780216
## 5503	chr14 104780149	-	G	57	chr14:104780087-104780216
## 5504	chr14 104780150	+	T	194	chr14:104780087-104780216
## 5505	chr14 104780150	-	T	57	chr14:104780087-104780216
## 5506	chr14 104780151	+	A	194	chr14:104780087-104780216
## 5507	chr14 104780151	-	A	57	chr14:104780087-104780216
## 5508	chr14 104780152	+	G	194	chr14:104780087-104780216
## 5509	chr14 104780152	-	G	57	chr14:104780087-104780216
## 5510	chr14 104780153	+	C	194	chr14:104780087-104780216
## 5511	chr14 104780153	-	C	57	chr14:104780087-104780216
## 5512	chr14 104780154	+	C	194	chr14:104780087-104780216
## 5513	chr14 104780154	-	C	57	chr14:104780087-104780216
## 5514	chr14 104780155	+	A	193	chr14:104780087-104780216
## 5515	chr14 104780155	-	A	57	chr14:104780087-104780216
## 5516	chr14 104780155	+	G	1	chr14:104780087-104780216
## 5517	chr14 104780156	+	A	194	chr14:104780087-104780216
## 5518	chr14 104780156	-	A	57	chr14:104780087-104780216
## 5519	chr14 104780157	+	T	194	chr14:104780087-104780216
## 5520	chr14 104780157	-	T	57	chr14:104780087-104780216
## 5521	chr14 104780158	+	G	194	chr14:104780087-104780216
## 5522	chr14 104780158	-	G	57	chr14:104780087-104780216
## 5523	chr14 104780159	+	A	194	chr14:104780087-104780216
## 5524	chr14 104780159	-	A	57	chr14:104780087-104780216
## 5525	chr14 104780160	+	A	194	chr14:104780087-104780216
## 5526	chr14 104780160	-	A	57	chr14:104780087-104780216
## 5527	chr14 104780161	+	G	194	chr14:104780087-104780216
## 5528	chr14 104780161	-	G	56	chr14:104780087-104780216
## 5529	chr14 104780162	+	G	194	chr14:104780087-104780216
## 5530	chr14 104780162	-	G	56	chr14:104780087-104780216
## 5531	chr14 104780163	-	A	1	chr14:104780087-104780216
## 5532	chr14 104780163	+	T	194	chr14:104780087-104780216
## 5533	chr14 104780163	-	T	55	chr14:104780087-104780216
## 5534	chr14 104780164	+	G	194	chr14:104780087-104780216
## 5535	chr14 104780164	-	G	56	chr14:104780087-104780216
## 5536	chr14 104780165	+	C	194	chr14:104780087-104780216
## 5537	chr14 104780165	-	C	56	chr14:104780087-104780216
## 5538	chr14 104780166	+	C	194	chr14:104780087-104780216
## 5539	chr14 104780166	-	C	56	chr14:104780087-104780216
## 5540	chr14 104780167	+	A	186	chr14:104780087-104780216
## 5541	chr14 104780167	-	A	56	chr14:104780087-104780216
## 5542	chr14 104780168	+	T	189	chr14:104780087-104780216
## 5543	chr14 104780168	-	T	56	chr14:104780087-104780216
## 5544	chr14 104780169	+	C	189	chr14:104780087-104780216
## 5545	chr14 104780169	-	C	57	chr14:104780087-104780216
## 5546	chr14 104780170	+	A	190	chr14:104780087-104780216
## 5547	chr14 104780170	-	A	55	chr14:104780087-104780216

## 5548	chr14 104780171	+	-	1	chr14:104780087-104780216
## 5549	chr14 104780171	+	T	187	chr14:104780087-104780216
## 5550	chr14 104780171	-	T	54	chr14:104780087-104780216
## 5551	chr14 104780172	+	T	196	chr14:104780087-104780216
## 5552	chr14 104780172	-	T	54	chr14:104780087-104780216
## 5553	chr14 104780173	+	C	196	chr14:104780087-104780216
## 5554	chr14 104780173	-	C	54	chr14:104780087-104780216
## 5555	chr14 104780174	+	T	187	chr14:104780087-104780216
## 5556	chr14 104780174	-	T	49	chr14:104780087-104780216
## 5557	chr14 104780175	+	T	184	chr14:104780087-104780216
## 5558	chr14 104780175	-	T	61	chr14:104780087-104780216
## 5559	chr14 104780176	+	A	1	chr14:104780087-104780216
## 5560	chr14 104780176	+	G	178	chr14:104780087-104780216
## 5561	chr14 104780176	-	G	65	chr14:104780087-104780216
## 5562	chr14 104780177	+	A	179	chr14:104780087-104780216
## 5563	chr14 104780177	-	A	65	chr14:104780087-104780216
## 5564	chr14 104780178	+	G	178	chr14:104780087-104780216
## 5565	chr14 104780178	-	G	60	chr14:104780087-104780216
## 5566	chr14 104780178	+	T	1	chr14:104780087-104780216
## 5567	chr14 104780179	+	G	188	chr14:104780087-104780216
## 5568	chr14 104780179	-	G	57	chr14:104780087-104780216
## 5569	chr14 104780180	+	A	190	chr14:104780087-104780216
## 5570	chr14 104780180	-	A	57	chr14:104780087-104780216
## 5571	chr14 104780181	-	A	2	chr14:104780087-104780216
## 5572	chr14 104780181	+	G	191	chr14:104780087-104780216
## 5573	chr14 104780181	-	G	55	chr14:104780087-104780216
## 5574	chr14 104780182	+	G	191	chr14:104780087-104780216
## 5575	chr14 104780182	-	G	53	chr14:104780087-104780216
## 5576	chr14 104780183	+	A	191	chr14:104780087-104780216
## 5577	chr14 104780183	-	A	47	chr14:104780087-104780216
## 5578	chr14 104780184	+	A	183	chr14:104780087-104780216
## 5579	chr14 104780184	-	A	55	chr14:104780087-104780216
## 5580	chr14 104780185	+	A	2	chr14:104780087-104780216
## 5581	chr14 104780185	+	G	177	chr14:104780087-104780216
## 5582	chr14 104780185	-	G	58	chr14:104780087-104780216
## 5583	chr14 104780186	+	T	182	chr14:104780087-104780216
## 5584	chr14 104780186	-	T	58	chr14:104780087-104780216
## 5585	chr14 104780187	+	A	167	chr14:104780087-104780216
## 5586	chr14 104780187	-	A	69	chr14:104780087-104780216
## 5587	chr14 104780187	+	C	2	chr14:104780087-104780216
## 5588	chr14 104780188	+	G	162	chr14:104780087-104780216
## 5589	chr14 104780188	-	G	78	chr14:104780087-104780216
## 5590	chr14 104780189	+	C	159	chr14:104780087-104780216
## 5591	chr14 104780189	-	C	89	chr14:104780087-104780216
## 5592	chr14 104780190	+	G	160	chr14:104780087-104780216
## 5593	chr14 104780190	-	G	90	chr14:104780087-104780216
## 5594	chr14 104780191	+	T	159	chr14:104780087-104780216
## 5595	chr14 104780191	-	T	86	chr14:104780087-104780216
## 5596	chr14 104780192	+	G	155	chr14:104780087-104780216
## 5597	chr14 104780192	-	G	89	chr14:104780087-104780216
## 5598	chr14 104780193	+	G	150	chr14:104780087-104780216
## 5599	chr14 104780193	-	G	95	chr14:104780087-104780216
## 5600	chr14 104780194	+	C	147	chr14:104780087-104780216
## 5601	chr14 104780194	-	C	94	chr14:104780087-104780216

## 5602	chr14 104780195	+	C	145	chr14:104780087-104780216
## 5603	chr14 104780195	-	C	99	chr14:104780087-104780216
## 5604	chr14 104780196	+	G	144	chr14:104780087-104780216
## 5605	chr14 104780196	-	G	104	chr14:104780087-104780216
## 5606	chr14 104780197	+	A	1	chr14:104780087-104780216
## 5607	chr14 104780197	+	C	143	chr14:104780087-104780216
## 5608	chr14 104780197	-	C	106	chr14:104780087-104780216
## 5609	chr14 104780198	+	C	144	chr14:104780087-104780216
## 5610	chr14 104780198	-	C	106	chr14:104780087-104780216
## 5611	chr14 104780199	+	A	144	chr14:104780087-104780216
## 5612	chr14 104780199	-	A	106	chr14:104780087-104780216
## 5613	chr14 104780200	-	A	1	chr14:104780087-104780216
## 5614	chr14 104780200	+	G	144	chr14:104780087-104780216
## 5615	chr14 104780200	-	G	105	chr14:104780087-104780216
## 5616	chr14 104780201	+	G	144	chr14:104780087-104780216
## 5617	chr14 104780201	-	G	106	chr14:104780087-104780216
## 5618	chr14 104780202	+	T	144	chr14:104780087-104780216
## 5619	chr14 104780202	-	T	106	chr14:104780087-104780216
## 5620	chr14 104780203	+	C	144	chr14:104780087-104780216
## 5621	chr14 104780203	-	C	106	chr14:104780087-104780216
## 5622	chr14 104780204	+	T	143	chr14:104780087-104780216
## 5623	chr14 104780204	-	T	107	chr14:104780087-104780216
## 5624	chr14 104780205	+	T	143	chr14:104780087-104780216
## 5625	chr14 104780205	-	T	107	chr14:104780087-104780216
## 5626	chr14 104780206	+	G	140	chr14:104780087-104780216
## 5627	chr14 104780206	-	G	107	chr14:104780087-104780216
## 5628	chr14 104780206	+	T	3	chr14:104780087-104780216
## 5629	chr14 104780207	+	A	142	chr14:104780087-104780216
## 5630	chr14 104780207	-	A	107	chr14:104780087-104780216
## 5631	chr14 104780207	+	G	1	chr14:104780087-104780216
## 5632	chr14 104780208	-	A	1	chr14:104780087-104780216
## 5633	chr14 104780208	+	T	143	chr14:104780087-104780216
## 5634	chr14 104780208	-	T	106	chr14:104780087-104780216
## 5635	chr14 104780209	+	G	143	chr14:104780087-104780216
## 5636	chr14 104780209	-	G	107	chr14:104780087-104780216
## 5637	chr14 104780210	+	T	143	chr14:104780087-104780216
## 5638	chr14 104780210	-	T	107	chr14:104780087-104780216
## 5639	chr14 104780211	+	A	143	chr14:104780087-104780216
## 5640	chr14 104780211	-	A	107	chr14:104780087-104780216
## 5641	chr14 104780212	+	C	143	chr14:104780087-104780216
## 5642	chr14 104780212	-	C	107	chr14:104780087-104780216
## 5643	chr14 104780213	+	T	142	chr14:104780087-104780216
## 5644	chr14 104780213	-	T	108	chr14:104780087-104780216
## 5645	chr14 104780214	+	C	141	chr14:104780087-104780216
## 5646	chr14 104780214	-	C	108	chr14:104780087-104780216
## 5647	chr14 104780215	+	C	140	chr14:104780087-104780216
## 5648	chr14 104780215	-	C	110	chr14:104780087-104780216
## 5649	chr14 104780216	+	C	139	chr14:104780087-104780216
## 5650	chr14 104780216	-	C	111	chr14:104780087-104780216
## 5651	chr14 104792597	+	C	290	chr14:104792597-104792722
## 5652	chr14 104792597	-	C	27	chr14:104792597-104792722
## 5653	chr14 104792598	+	C	263	chr14:104792597-104792722
## 5654	chr14 104792598	-	C	27	chr14:104792597-104792722
## 5655	chr14 104792599	+	T	235	chr14:104792597-104792722

## 5656	chr14	104792599	-	T	25	chr14:104792597-104792722
## 5657	chr14	104792600	+	C	206	chr14:104792597-104792722
## 5658	chr14	104792600	-	C	25	chr14:104792597-104792722
## 5659	chr14	104792601	+	G	214	chr14:104792597-104792722
## 5660	chr14	104792601	-	G	25	chr14:104792597-104792722
## 5661	chr14	104792602	+	T	202	chr14:104792597-104792722
## 5662	chr14	104792602	-	T	18	chr14:104792597-104792722
## 5663	chr14	104792603	+	T	192	chr14:104792597-104792722
## 5664	chr14	104792603	-	T	20	chr14:104792597-104792722
## 5665	chr14	104792604	+	T	179	chr14:104792597-104792722
## 5666	chr14	104792604	-	T	12	chr14:104792597-104792722
## 5667	chr14	104792605	+	G	188	chr14:104792597-104792722
## 5668	chr14	104792605	-	G	28	chr14:104792597-104792722
## 5669	chr14	104792606	-	G	2	chr14:104792597-104792722
## 5670	chr14	104792606	+	T	219	chr14:104792597-104792722
## 5671	chr14	104792606	-	T	27	chr14:104792597-104792722
## 5672	chr14	104792607	+	G	221	chr14:104792597-104792722
## 5673	chr14	104792607	-	G	29	chr14:104792597-104792722
## 5674	chr14	104792608	+	C	221	chr14:104792597-104792722
## 5675	chr14	104792608	-	C	29	chr14:104792597-104792722
## 5676	chr14	104792609	+	A	222	chr14:104792597-104792722
## 5677	chr14	104792609	-	A	29	chr14:104792597-104792722
## 5678	chr14	104792610	+	G	221	chr14:104792597-104792722
## 5679	chr14	104792610	-	G	29	chr14:104792597-104792722
## 5680	chr14	104792611	+	C	221	chr14:104792597-104792722
## 5681	chr14	104792611	-	C	29	chr14:104792597-104792722
## 5682	chr14	104792612	+	C	221	chr14:104792597-104792722
## 5683	chr14	104792612	-	C	29	chr14:104792597-104792722
## 5684	chr14	104792613	+	A	220	chr14:104792597-104792722
## 5685	chr14	104792613	-	A	29	chr14:104792597-104792722
## 5686	chr14	104792613	+	G	1	chr14:104792597-104792722
## 5687	chr14	104792614	+	A	219	chr14:104792597-104792722
## 5688	chr14	104792614	-	A	29	chr14:104792597-104792722
## 5689	chr14	104792614	+	C	1	chr14:104792597-104792722
## 5690	chr14	104792615	+	A	1	chr14:104792597-104792722
## 5691	chr14	104792615	+	C	221	chr14:104792597-104792722
## 5692	chr14	104792615	-	C	29	chr14:104792597-104792722
## 5693	chr14	104792616	+	C	221	chr14:104792597-104792722
## 5694	chr14	104792616	-	C	29	chr14:104792597-104792722
## 5695	chr14	104792616	+	T	1	chr14:104792597-104792722
## 5696	chr14	104792617	+	C	222	chr14:104792597-104792722
## 5697	chr14	104792617	-	C	29	chr14:104792597-104792722
## 5698	chr14	104792618	+	T	222	chr14:104792597-104792722
## 5699	chr14	104792618	-	T	29	chr14:104792597-104792722
## 5700	chr14	104792619	+	C	221	chr14:104792597-104792722
## 5701	chr14	104792619	-	C	29	chr14:104792597-104792722
## 5702	chr14	104792619	+	T	1	chr14:104792597-104792722
## 5703	chr14	104792620	+	C	222	chr14:104792597-104792722
## 5704	chr14	104792620	-	C	29	chr14:104792597-104792722
## 5705	chr14	104792621	+	G	1	chr14:104792597-104792722
## 5706	chr14	104792621	+	T	221	chr14:104792597-104792722
## 5707	chr14	104792621	-	T	29	chr14:104792597-104792722
## 5708	chr14	104792622	+	T	221	chr14:104792597-104792722
## 5709	chr14	104792622	-	T	29	chr14:104792597-104792722

## 5710	chr14 104792623	+	C	221	chr14:104792597-104792722
## 5711	chr14 104792623	-	C	29	chr14:104792597-104792722
## 5712	chr14 104792624	+	A	221	chr14:104792597-104792722
## 5713	chr14 104792624	-	A	29	chr14:104792597-104792722
## 5714	chr14 104792625	+	C	221	chr14:104792597-104792722
## 5715	chr14 104792625	-	C	29	chr14:104792597-104792722
## 5716	chr14 104792626	+	A	221	chr14:104792597-104792722
## 5717	chr14 104792626	-	A	29	chr14:104792597-104792722
## 5718	chr14 104792627	+	A	220	chr14:104792597-104792722
## 5719	chr14 104792627	-	A	29	chr14:104792597-104792722
## 5720	chr14 104792627	+	T	1	chr14:104792597-104792722
## 5721	chr14 104792628	+	A	1	chr14:104792597-104792722
## 5722	chr14 104792628	+	T	220	chr14:104792597-104792722
## 5723	chr14 104792628	-	T	29	chr14:104792597-104792722
## 5724	chr14 104792629	+	A	221	chr14:104792597-104792722
## 5725	chr14 104792629	-	A	28	chr14:104792597-104792722
## 5726	chr14 104792629	-	T	1	chr14:104792597-104792722
## 5727	chr14 104792630	+	G	221	chr14:104792597-104792722
## 5728	chr14 104792630	-	G	29	chr14:104792597-104792722
## 5729	chr14 104792631	+	C	221	chr14:104792597-104792722
## 5730	chr14 104792631	-	C	29	chr14:104792597-104792722
## 5731	chr14 104792632	+	C	221	chr14:104792597-104792722
## 5732	chr14 104792632	-	C	29	chr14:104792597-104792722
## 5733	chr14 104792633	+	A	221	chr14:104792597-104792722
## 5734	chr14 104792633	-	A	29	chr14:104792597-104792722
## 5735	chr14 104792634	+	C	221	chr14:104792597-104792722
## 5736	chr14 104792634	-	C	29	chr14:104792597-104792722
## 5737	chr14 104792635	+	G	221	chr14:104792597-104792722
## 5738	chr14 104792635	-	G	29	chr14:104792597-104792722
## 5739	chr14 104792636	+	T	221	chr14:104792597-104792722
## 5740	chr14 104792636	-	T	29	chr14:104792597-104792722
## 5741	chr14 104792637	+	-	1	chr14:104792597-104792722
## 5742	chr14 104792637	+	C	220	chr14:104792597-104792722
## 5743	chr14 104792637	-	C	29	chr14:104792597-104792722
## 5744	chr14 104792638	+	-	1	chr14:104792597-104792722
## 5745	chr14 104792638	+	G	219	chr14:104792597-104792722
## 5746	chr14 104792638	-	G	29	chr14:104792597-104792722
## 5747	chr14 104792638	+	T	1	chr14:104792597-104792722
## 5748	chr14 104792639	+	C	221	chr14:104792597-104792722
## 5749	chr14 104792639	-	C	29	chr14:104792597-104792722
## 5750	chr14 104792640	+	T	221	chr14:104792597-104792722
## 5751	chr14 104792640	-	T	29	chr14:104792597-104792722
## 5752	chr14 104792641	+	C	221	chr14:104792597-104792722
## 5753	chr14 104792641	-	C	29	chr14:104792597-104792722
## 5754	chr14 104792642	+	A	221	chr14:104792597-104792722
## 5755	chr14 104792642	-	A	29	chr14:104792597-104792722
## 5756	chr14 104792643	+	T	221	chr14:104792597-104792722
## 5757	chr14 104792643	-	T	29	chr14:104792597-104792722
## 5758	chr14 104792644	+	A	1	chr14:104792597-104792722
## 5759	chr14 104792644	+	G	220	chr14:104792597-104792722
## 5760	chr14 104792644	-	G	29	chr14:104792597-104792722
## 5761	chr14 104792645	+	G	221	chr14:104792597-104792722
## 5762	chr14 104792645	-	G	29	chr14:104792597-104792722
## 5763	chr14 104792646	+	T	220	chr14:104792597-104792722

## 5764	chr14 104792646	-	T	30	chr14:104792597-104792722
## 5765	chr14 104792647	+	G	220	chr14:104792597-104792722
## 5766	chr14 104792647	-	G	30	chr14:104792597-104792722
## 5767	chr14 104792648	+	C	220	chr14:104792597-104792722
## 5768	chr14 104792648	-	C	30	chr14:104792597-104792722
## 5769	chr14 104792649	+	C	219	chr14:104792597-104792722
## 5770	chr14 104792649	-	C	30	chr14:104792597-104792722
## 5771	chr14 104792650	+	C	219	chr14:104792597-104792722
## 5772	chr14 104792650	-	C	31	chr14:104792597-104792722
## 5773	chr14 104792651	+	C	1	chr14:104792597-104792722
## 5774	chr14 104792651	+	G	217	chr14:104792597-104792722
## 5775	chr14 104792651	-	G	31	chr14:104792597-104792722
## 5776	chr14 104792651	+	T	1	chr14:104792597-104792722
## 5777	chr14 104792652	+	A	219	chr14:104792597-104792722
## 5778	chr14 104792652	-	A	31	chr14:104792597-104792722
## 5779	chr14 104792653	+	G	218	chr14:104792597-104792722
## 5780	chr14 104792653	-	G	32	chr14:104792597-104792722
## 5781	chr14 104792654	+	G	219	chr14:104792597-104792722
## 5782	chr14 104792654	-	G	32	chr14:104792597-104792722
## 5783	chr14 104792655	+	C	218	chr14:104792597-104792722
## 5784	chr14 104792655	-	C	32	chr14:104792597-104792722
## 5785	chr14 104792656	+	T	218	chr14:104792597-104792722
## 5786	chr14 104792656	-	T	32	chr14:104792597-104792722
## 5787	chr14 104792657	+	C	218	chr14:104792597-104792722
## 5788	chr14 104792657	-	C	32	chr14:104792597-104792722
## 5789	chr14 104792658	+	C	218	chr14:104792597-104792722
## 5790	chr14 104792658	-	C	32	chr14:104792597-104792722
## 5791	chr14 104792659	+	C	218	chr14:104792597-104792722
## 5792	chr14 104792659	-	C	32	chr14:104792597-104792722
## 5793	chr14 104792660	+	G	218	chr14:104792597-104792722
## 5794	chr14 104792660	-	G	32	chr14:104792597-104792722
## 5795	chr14 104792661	+	C	218	chr14:104792597-104792722
## 5796	chr14 104792661	-	C	32	chr14:104792597-104792722
## 5797	chr14 104792662	+	G	218	chr14:104792597-104792722
## 5798	chr14 104792662	-	G	32	chr14:104792597-104792722
## 5799	chr14 104792663	+	A	218	chr14:104792597-104792722
## 5800	chr14 104792663	-	A	32	chr14:104792597-104792722
## 5801	chr14 104792664	+	C	218	chr14:104792597-104792722
## 5802	chr14 104792664	-	C	32	chr14:104792597-104792722
## 5803	chr14 104792665	+	G	218	chr14:104792597-104792722
## 5804	chr14 104792665	-	G	32	chr14:104792597-104792722
## 5805	chr14 104792666	+	C	218	chr14:104792597-104792722
## 5806	chr14 104792666	-	C	32	chr14:104792597-104792722
## 5807	chr14 104792667	+	T	218	chr14:104792597-104792722
## 5808	chr14 104792667	-	T	32	chr14:104792597-104792722
## 5809	chr14 104792668	+	A	1	chr14:104792597-104792722
## 5810	chr14 104792668	+	C	217	chr14:104792597-104792722
## 5811	chr14 104792668	-	C	32	chr14:104792597-104792722
## 5812	chr14 104792669	+	A	218	chr14:104792597-104792722
## 5813	chr14 104792669	-	A	32	chr14:104792597-104792722
## 5814	chr14 104792670	+	C	219	chr14:104792597-104792722
## 5815	chr14 104792670	-	C	32	chr14:104792597-104792722
## 5816	chr14 104792671	+	G	219	chr14:104792597-104792722
## 5817	chr14 104792671	-	G	32	chr14:104792597-104792722

## 5818	chr14	104792672	+	C	218	chr14:104792597-104792722
## 5819	chr14	104792672	-	C	32	chr14:104792597-104792722
## 5820	chr14	104792673	+	G	217	chr14:104792597-104792722
## 5821	chr14	104792673	-	G	32	chr14:104792597-104792722
## 5822	chr14	104792674	+	C	218	chr14:104792597-104792722
## 5823	chr14	104792674	-	C	32	chr14:104792597-104792722
## 5824	chr14	104792675	+	T	218	chr14:104792597-104792722
## 5825	chr14	104792675	-	T	32	chr14:104792597-104792722
## 5826	chr14	104792676	+	C	199	chr14:104792597-104792722
## 5827	chr14	104792676	-	C	33	chr14:104792597-104792722
## 5828	chr14	104792677	+	A	1	chr14:104792597-104792722
## 5829	chr14	104792677	+	C	186	chr14:104792597-104792722
## 5830	chr14	104792677	-	C	39	chr14:104792597-104792722
## 5831	chr14	104792678	+	T	164	chr14:104792597-104792722
## 5832	chr14	104792678	-	T	48	chr14:104792597-104792722
## 5833	chr14	104792679	+	C	125	chr14:104792597-104792722
## 5834	chr14	104792679	-	C	84	chr14:104792597-104792722
## 5835	chr14	104792679	+	T	1	chr14:104792597-104792722
## 5836	chr14	104792680	+	T	103	chr14:104792597-104792722
## 5837	chr14	104792680	-	T	76	chr14:104792597-104792722
## 5838	chr14	104792681	+	C	71	chr14:104792597-104792722
## 5839	chr14	104792681	-	C	94	chr14:104792597-104792722
## 5840	chr14	104792682	+	A	68	chr14:104792597-104792722
## 5841	chr14	104792682	-	A	117	chr14:104792597-104792722
## 5842	chr14	104792683	+	G	67	chr14:104792597-104792722
## 5843	chr14	104792683	-	G	140	chr14:104792597-104792722
## 5844	chr14	104792684	+	G	66	chr14:104792597-104792722
## 5845	chr14	104792684	-	G	179	chr14:104792597-104792722
## 5846	chr14	104792685	+	C	65	chr14:104792597-104792722
## 5847	chr14	104792685	-	C	185	chr14:104792597-104792722
## 5848	chr14	104792686	-	G	1	chr14:104792597-104792722
## 5849	chr14	104792686	+	T	65	chr14:104792597-104792722
## 5850	chr14	104792686	-	T	185	chr14:104792597-104792722
## 5851	chr14	104792687	+	G	64	chr14:104792597-104792722
## 5852	chr14	104792687	-	G	187	chr14:104792597-104792722
## 5853	chr14	104792688	+	G	63	chr14:104792597-104792722
## 5854	chr14	104792688	-	G	188	chr14:104792597-104792722
## 5855	chr14	104792689	+	C	61	chr14:104792597-104792722
## 5856	chr14	104792689	-	C	189	chr14:104792597-104792722
## 5857	chr14	104792689	+	T	1	chr14:104792597-104792722
## 5858	chr14	104792690	-	A	1	chr14:104792597-104792722
## 5859	chr14	104792690	+	G	60	chr14:104792597-104792722
## 5860	chr14	104792690	-	G	189	chr14:104792597-104792722
## 5861	chr14	104792691	+	C	59	chr14:104792597-104792722
## 5862	chr14	104792691	-	C	191	chr14:104792597-104792722
## 5863	chr14	104792692	-	C	1	chr14:104792597-104792722
## 5864	chr14	104792692	+	T	58	chr14:104792597-104792722
## 5865	chr14	104792692	-	T	191	chr14:104792597-104792722
## 5866	chr14	104792693	+	C	57	chr14:104792597-104792722
## 5867	chr14	104792693	-	C	193	chr14:104792597-104792722
## 5868	chr14	104792694	+	C	56	chr14:104792597-104792722
## 5869	chr14	104792694	-	C	194	chr14:104792597-104792722
## 5870	chr14	104792695	+	C	55	chr14:104792597-104792722
## 5871	chr14	104792695	-	C	195	chr14:104792597-104792722

## 5872	chr14	104792696	+	A	1	chr14:104792597-104792722
## 5873	chr14	104792696	+	C	53	chr14:104792597-104792722
## 5874	chr14	104792696	-	C	196	chr14:104792597-104792722
## 5875	chr14	104792697	+	G	53	chr14:104792597-104792722
## 5876	chr14	104792697	-	G	197	chr14:104792597-104792722
## 5877	chr14	104792698	+	A	51	chr14:104792597-104792722
## 5878	chr14	104792698	-	A	198	chr14:104792597-104792722
## 5879	chr14	104792699	+	G	51	chr14:104792597-104792722
## 5880	chr14	104792699	-	G	200	chr14:104792597-104792722
## 5881	chr14	104792700	+	C	50	chr14:104792597-104792722
## 5882	chr14	104792700	-	C	201	chr14:104792597-104792722
## 5883	chr14	104792701	+	C	49	chr14:104792597-104792722
## 5884	chr14	104792701	-	C	202	chr14:104792597-104792722
## 5885	chr14	104792702	+	C	48	chr14:104792597-104792722
## 5886	chr14	104792702	-	C	203	chr14:104792597-104792722
## 5887	chr14	104792703	+	A	47	chr14:104792597-104792722
## 5888	chr14	104792703	-	A	204	chr14:104792597-104792722
## 5889	chr14	104792704	+	G	46	chr14:104792597-104792722
## 5890	chr14	104792704	-	G	205	chr14:104792597-104792722
## 5891	chr14	104792705	+	C	45	chr14:104792597-104792722
## 5892	chr14	104792705	-	C	206	chr14:104792597-104792722
## 5893	chr14	104792706	-	C	1	chr14:104792597-104792722
## 5894	chr14	104792706	+	T	44	chr14:104792597-104792722
## 5895	chr14	104792706	-	T	205	chr14:104792597-104792722
## 5896	chr14	104792707	+	G	43	chr14:104792597-104792722
## 5897	chr14	104792707	-	G	207	chr14:104792597-104792722
## 5898	chr14	104792708	-	A	1	chr14:104792597-104792722
## 5899	chr14	104792708	+	G	42	chr14:104792597-104792722
## 5900	chr14	104792708	-	G	207	chr14:104792597-104792722
## 5901	chr14	104792709	+	C	41	chr14:104792597-104792722
## 5902	chr14	104792709	-	C	209	chr14:104792597-104792722
## 5903	chr14	104792710	+	C	40	chr14:104792597-104792722
## 5904	chr14	104792710	-	C	210	chr14:104792597-104792722
## 5905	chr14	104792711	+	T	39	chr14:104792597-104792722
## 5906	chr14	104792711	-	T	211	chr14:104792597-104792722
## 5907	chr14	104792712	-	A	1	chr14:104792597-104792722
## 5908	chr14	104792712	+	G	38	chr14:104792597-104792722
## 5909	chr14	104792712	-	G	211	chr14:104792597-104792722
## 5910	chr14	104792713	-	A	1	chr14:104792597-104792722
## 5911	chr14	104792713	+	G	37	chr14:104792597-104792722
## 5912	chr14	104792713	-	G	212	chr14:104792597-104792722
## 5913	chr14	104792714	+	C	36	chr14:104792597-104792722
## 5914	chr14	104792714	-	C	214	chr14:104792597-104792722
## 5915	chr14	104792715	+	C	35	chr14:104792597-104792722
## 5916	chr14	104792715	-	C	215	chr14:104792597-104792722
## 5917	chr14	104792716	+	A	34	chr14:104792597-104792722
## 5918	chr14	104792716	-	A	216	chr14:104792597-104792722
## 5919	chr14	104792717	+	C	33	chr14:104792597-104792722
## 5920	chr14	104792717	-	C	217	chr14:104792597-104792722
## 5921	chr14	104792718	+	A	31	chr14:104792597-104792722
## 5922	chr14	104792718	-	A	218	chr14:104792597-104792722
## 5923	chr14	104792719	+	G	31	chr14:104792597-104792722
## 5924	chr14	104792719	-	G	219	chr14:104792597-104792722
## 5925	chr14	104792719	-	T	1	chr14:104792597-104792722

## 5926	chr14	104792720	+	C	30	chr14:104792597-104792722
## 5927	chr14	104792720	-	C	221	chr14:104792597-104792722
## 5928	chr14	104792721	+	C	30	chr14:104792597-104792722
## 5929	chr14	104792721	-	C	221	chr14:104792597-104792722
## 5930	chr14	104792722	+	T	29	chr14:104792597-104792722
## 5931	chr14	104792722	-	T	222	chr14:104792597-104792722

##

\$AKT2

##	seqnames	pos	strand	nucleotide	count	which_label
## 1	chr19	40230316	-	G	1	chr19:40230316-40233951
## 2	chr19	40230317	-	T	1	chr19:40230316-40233951
## 3	chr19	40230318	-	A	1	chr19:40230316-40233951
## 4	chr19	40230319	-	C	1	chr19:40230316-40233951
## 5	chr19	40230320	-	A	1	chr19:40230316-40233951
## 6	chr19	40230321	-	G	1	chr19:40230316-40233951
## 7	chr19	40230322	-	A	1	chr19:40230316-40233951
## 8	chr19	40230323	-	T	1	chr19:40230316-40233951
## 9	chr19	40230324	-	G	1	chr19:40230316-40233951
## 10	chr19	40230325	-	G	1	chr19:40230316-40233951
## 11	chr19	40230326	-	A	1	chr19:40230316-40233951
## 12	chr19	40230327	-	T	1	chr19:40230316-40233951
## 13	chr19	40230328	-	A	1	chr19:40230316-40233951
## 14	chr19	40230329	-	G	1	chr19:40230316-40233951
## 15	chr19	40230330	-	C	1	chr19:40230316-40233951
## 16	chr19	40230331	-	T	1	chr19:40230316-40233951
## 17	chr19	40230332	-	A	1	chr19:40230316-40233951
## 18	chr19	40230333	-	G	1	chr19:40230316-40233951
## 19	chr19	40230334	-	T	1	chr19:40230316-40233951
## 20	chr19	40230372	+	G	2	chr19:40230316-40233951
## 21	chr19	40230373	+	T	2	chr19:40230316-40233951
## 22	chr19	40230374	+	C	2	chr19:40230316-40233951
## 23	chr19	40230375	+	A	2	chr19:40230316-40233951
## 24	chr19	40230376	+	A	2	chr19:40230316-40233951
## 25	chr19	40230377	+	T	2	chr19:40230316-40233951
## 26	chr19	40230378	+	T	2	chr19:40230316-40233951
## 27	chr19	40230379	+	C	2	chr19:40230316-40233951
## 28	chr19	40230380	+	C	2	chr19:40230316-40233951
## 29	chr19	40230381	+	T	2	chr19:40230316-40233951
## 30	chr19	40230382	+	G	2	chr19:40230316-40233951
## 31	chr19	40230383	+	T	2	chr19:40230316-40233951
## 32	chr19	40230384	+	T	2	chr19:40230316-40233951
## 33	chr19	40230385	+	A	2	chr19:40230316-40233951
## 34	chr19	40230386	+	A	2	chr19:40230316-40233951
## 35	chr19	40230387	+	C	2	chr19:40230316-40233951
## 36	chr19	40230388	+	G	2	chr19:40230316-40233951
## 37	chr19	40230389	+	G	2	chr19:40230316-40233951
## 38	chr19	40230390	+	G	2	chr19:40230316-40233951
## 39	chr19	40230391	+	G	2	chr19:40230316-40233951
## 40	chr19	40230392	+	C	2	chr19:40230316-40233951
## 41	chr19	40230393	+	A	2	chr19:40230316-40233951
## 42	chr19	40230394	+	G	2	chr19:40230316-40233951
## 43	chr19	40230395	+	C	2	chr19:40230316-40233951
## 44	chr19	40230396	+	T	2	chr19:40230316-40233951
## 45	chr19	40230397	+	G	2	chr19:40230316-40233951

## 46	chr19 40230398	+	A	2	chr19:40230316-40233951
## 47	chr19 40230399	+	A	2	chr19:40230316-40233951
## 48	chr19 40230400	+	G	2	chr19:40230316-40233951
## 49	chr19 40230401	+	C	2	chr19:40230316-40233951
## 50	chr19 40230402	+	G	2	chr19:40230316-40233951
## 51	chr19 40230403	+	G	2	chr19:40230316-40233951
## 52	chr19 40230404	+	T	2	chr19:40230316-40233951
## 53	chr19 40230405	+	T	2	chr19:40230316-40233951
## 54	chr19 40230406	+	G	2	chr19:40230316-40233951
## 55	chr19 40230407	+	A	2	chr19:40230316-40233951
## 56	chr19 40230408	+	G	2	chr19:40230316-40233951
## 57	chr19 40230409	+	G	2	chr19:40230316-40233951
## 58	chr19 40230410	+	G	2	chr19:40230316-40233951
## 59	chr19 40230411	+	G	2	chr19:40230316-40233951
## 60	chr19 40230412	+	T	2	chr19:40230316-40233951
## 61	chr19 40230413	+	C	2	chr19:40230316-40233951
## 62	chr19 40230414	+	T	2	chr19:40230316-40233951
## 63	chr19 40230415	+	A	2	chr19:40230316-40233951
## 64	chr19 40230416	+	C	2	chr19:40230316-40233951
## 65	chr19 40230417	+	C	2	chr19:40230316-40233951
## 66	chr19 40230418	+	C	2	chr19:40230316-40233951
## 67	chr19 40230419	+	C	2	chr19:40230316-40233951
## 68	chr19 40230420	+	A	2	chr19:40230316-40233951
## 69	chr19 40230421	+	T	2	chr19:40230316-40233951
## 70	chr19 40230422	+	G	2	chr19:40230316-40233951
## 71	chr19 40230423	+	G	2	chr19:40230316-40233951
## 72	chr19 40230424	+	A	2	chr19:40230316-40233951
## 73	chr19 40230425	+	A	2	chr19:40230316-40233951
## 74	chr19 40230426	+	C	2	chr19:40230316-40233951
## 75	chr19 40230427	+	C	2	chr19:40230316-40233951
## 76	chr19 40230428	+	C	2	chr19:40230316-40233951
## 77	chr19 40230429	+	C	2	chr19:40230316-40233951
## 78	chr19 40230430	+	A	2	chr19:40230316-40233951
## 79	chr19 40230431	+	G	2	chr19:40230316-40233951
## 80	chr19 40230432	+	G	2	chr19:40230316-40233951
## 81	chr19 40230433	+	A	2	chr19:40230316-40233951
## 82	chr19 40230434	+	A	2	chr19:40230316-40233951
## 83	chr19 40230435	+	G	2	chr19:40230316-40233951
## 84	chr19 40230436	+	C	2	chr19:40230316-40233951
## 85	chr19 40230437	+	A	2	chr19:40230316-40233951
## 86	chr19 40230438	+	G	2	chr19:40230316-40233951
## 87	chr19 40230439	+	C	2	chr19:40230316-40233951
## 88	chr19 40230440	+	T	2	chr19:40230316-40233951
## 89	chr19 40230441	+	G	2	chr19:40230316-40233951
## 90	chr19 40230442	+	G	2	chr19:40230316-40233951
## 91	chr19 40230443	+	A	2	chr19:40230316-40233951
## 92	chr19 40230444	+	A	2	chr19:40230316-40233951
## 93	chr19 40230445	+	A	2	chr19:40230316-40233951
## 94	chr19 40230446	+	G	1	chr19:40230316-40233951
## 95	chr19 40230513	-	C	2	chr19:40230316-40233951
## 96	chr19 40230514	-	A	2	chr19:40230316-40233951
## 97	chr19 40230515	-	G	2	chr19:40230316-40233951
## 98	chr19 40230516	-	T	2	chr19:40230316-40233951
## 99	chr19 40230517	-	G	2	chr19:40230316-40233951

## 100	chr19 40230518	-	C	2 chr19:40230316-40233951
## 101	chr19 40230519	-	A	2 chr19:40230316-40233951
## 102	chr19 40230520	-	C	2 chr19:40230316-40233951
## 103	chr19 40230521	-	G	2 chr19:40230316-40233951
## 104	chr19 40230522	-	A	2 chr19:40230316-40233951
## 105	chr19 40230523	-	G	2 chr19:40230316-40233951
## 106	chr19 40230524	-	G	2 chr19:40230316-40233951
## 107	chr19 40230525	-	G	2 chr19:40230316-40233951
## 108	chr19 40230526	-	C	2 chr19:40230316-40233951
## 109	chr19 40230527	-	A	2 chr19:40230316-40233951
## 110	chr19 40230528	-	G	2 chr19:40230316-40233951
## 111	chr19 40230529	-	C	2 chr19:40230316-40233951
## 112	chr19 40230530	-	C	2 chr19:40230316-40233951
## 113	chr19 40230531	-	C	2 chr19:40230316-40233951
## 114	chr19 40230532	-	C	2 chr19:40230316-40233951
## 115	chr19 40230533	-	C	2 chr19:40230316-40233951
## 116	chr19 40230534	-	A	2 chr19:40230316-40233951
## 117	chr19 40230535	-	G	2 chr19:40230316-40233951
## 118	chr19 40230536	-	A	2 chr19:40230316-40233951
## 119	chr19 40230537	-	G	2 chr19:40230316-40233951
## 120	chr19 40230538	-	G	2 chr19:40230316-40233951
## 121	chr19 40230539	-	C	2 chr19:40230316-40233951
## 122	chr19 40230540	-	T	2 chr19:40230316-40233951
## 123	chr19 40230541	-	T	2 chr19:40230316-40233951
## 124	chr19 40230542	-	C	2 chr19:40230316-40233951
## 125	chr19 40230543	-	A	2 chr19:40230316-40233951
## 126	chr19 40230544	-	C	2 chr19:40230316-40233951
## 127	chr19 40230545	-	A	2 chr19:40230316-40233951
## 128	chr19 40230546	-	T	2 chr19:40230316-40233951
## 129	chr19 40230547	-	T	2 chr19:40230316-40233951
## 130	chr19 40230548	-	A	2 chr19:40230316-40233951
## 131	chr19 40230549	-	A	2 chr19:40230316-40233951
## 132	chr19 40230550	-	C	2 chr19:40230316-40233951
## 133	chr19 40230551	-	T	2 chr19:40230316-40233951
## 134	chr19 40230552	-	G	2 chr19:40230316-40233951
## 135	chr19 40230553	-	G	2 chr19:40230316-40233951
## 136	chr19 40230554	-	A	2 chr19:40230316-40233951
## 137	chr19 40230555	-	A	2 chr19:40230316-40233951
## 138	chr19 40230556	-	A	2 chr19:40230316-40233951
## 139	chr19 40230557	-	A	2 chr19:40230316-40233951
## 140	chr19 40230558	-	G	2 chr19:40230316-40233951
## 141	chr19 40230559	-	A	2 chr19:40230316-40233951
## 142	chr19 40230560	-	T	2 chr19:40230316-40233951
## 143	chr19 40230561	-	T	2 chr19:40230316-40233951
## 144	chr19 40230562	-	A	2 chr19:40230316-40233951
## 145	chr19 40230563	-	C	2 chr19:40230316-40233951
## 146	chr19 40230564	-	A	2 chr19:40230316-40233951
## 147	chr19 40230565	-	C	2 chr19:40230316-40233951
## 148	chr19 40230566	-	A	2 chr19:40230316-40233951
## 149	chr19 40230567	-	A	2 chr19:40230316-40233951
## 150	chr19 40230568	-	A	2 chr19:40230316-40233951
## 151	chr19 40230569	-	A	2 chr19:40230316-40233951
## 152	chr19 40230570	-	A	2 chr19:40230316-40233951
## 153	chr19 40230571	-	G	2 chr19:40230316-40233951

## 154	chr19 40230572	-	A	2	chr19:40230316-40233951
## 155	chr19 40230573	-	G	2	chr19:40230316-40233951
## 156	chr19 40230574	-	C	2	chr19:40230316-40233951
## 157	chr19 40230575	-	A	2	chr19:40230316-40233951
## 158	chr19 40230576	-	G	2	chr19:40230316-40233951
## 159	chr19 40230577	-	G	2	chr19:40230316-40233951
## 160	chr19 40230578	-	A	2	chr19:40230316-40233951
## 161	chr19 40230579	-	A	2	chr19:40230316-40233951
## 162	chr19 40230580	-	A	2	chr19:40230316-40233951
## 163	chr19 40230581	-	C	2	chr19:40230316-40233951
## 164	chr19 40230582	-	T	2	chr19:40230316-40233951
## 165	chr19 40230583	-	A	2	chr19:40230316-40233951
## 166	chr19 40230584	-	C	2	chr19:40230316-40233951
## 167	chr19 40230585	-	C	2	chr19:40230316-40233951
## 168	chr19 40230586	-	A	2	chr19:40230316-40233951
## 169	chr19 40230587	-	A	2	chr19:40230316-40233951
## 170	chr19 40230628	+	C	1	chr19:40230316-40233951
## 171	chr19 40230629	+	A	1	chr19:40230316-40233951
## 172	chr19 40230630	+	A	1	chr19:40230316-40233951
## 173	chr19 40230631	+	A	1	chr19:40230316-40233951
## 174	chr19 40230632	+	A	1	chr19:40230316-40233951
## 175	chr19 40230633	+	T	1	chr19:40230316-40233951
## 176	chr19 40230634	+	G	1	chr19:40230316-40233951
## 177	chr19 40230635	+	A	1	chr19:40230316-40233951
## 178	chr19 40230636	+	G	1	chr19:40230316-40233951
## 179	chr19 40230637	+	T	1	chr19:40230316-40233951
## 180	chr19 40230638	+	A	1	chr19:40230316-40233951
## 181	chr19 40230639	+	C	1	chr19:40230316-40233951
## 182	chr19 40230640	+	T	1	chr19:40230316-40233951
## 183	chr19 40230641	+	C	1	chr19:40230316-40233951
## 184	chr19 40230642	+	A	1	chr19:40230316-40233951
## 185	chr19 40230643	+	A	1	chr19:40230316-40233951
## 186	chr19 40230644	+	G	1	chr19:40230316-40233951
## 187	chr19 40230645	+	G	1	chr19:40230316-40233951
## 188	chr19 40230646	+	C	1	chr19:40230316-40233951
## 189	chr19 40230647	+	C	1	chr19:40230316-40233951
## 190	chr19 40230648	+	C	1	chr19:40230316-40233951
## 191	chr19 40230649	+	T	1	chr19:40230316-40233951
## 192	chr19 40230650	+	G	1	chr19:40230316-40233951
## 193	chr19 40230651	+	C	1	chr19:40230316-40233951
## 194	chr19 40230652	+	G	1	chr19:40230316-40233951
## 195	chr19 40230653	+	A	1	chr19:40230316-40233951
## 196	chr19 40230654	+	C	1	chr19:40230316-40233951
## 197	chr19 40230655	+	C	1	chr19:40230316-40233951
## 198	chr19 40230656	+	T	1	chr19:40230316-40233951
## 199	chr19 40230657	+	C	1	chr19:40230316-40233951
## 200	chr19 40230658	+	G	1	chr19:40230316-40233951
## 201	chr19 40230659	+	G	1	chr19:40230316-40233951
## 202	chr19 40230660	+	G	1	chr19:40230316-40233951
## 203	chr19 40230661	+	T	1	chr19:40230316-40233951
## 204	chr19 40230662	+	G	1	chr19:40230316-40233951
## 205	chr19 40230663	+	A	1	chr19:40230316-40233951
## 206	chr19 40230664	+	A	1	chr19:40230316-40233951
## 207	chr19 40230665	+	T	1	chr19:40230316-40233951

## 208	chr19 40230666	+	T	1 chr19:40230316-40233951
## 209	chr19 40230667	+	T	1 chr19:40230316-40233951
## 210	chr19 40230668	+	C	1 chr19:40230316-40233951
## 211	chr19 40230669	+	C	1 chr19:40230316-40233951
## 212	chr19 40230670	+	T	1 chr19:40230316-40233951
## 213	chr19 40230671	+	T	1 chr19:40230316-40233951
## 214	chr19 40230672	+	T	1 chr19:40230316-40233951
## 215	chr19 40230673	+	C	1 chr19:40230316-40233951
## 216	chr19 40230674	+	T	1 chr19:40230316-40233951
## 217	chr19 40230675	+	T	1 chr19:40230316-40233951
## 218	chr19 40230676	+	A	1 chr19:40230316-40233951
## 219	chr19 40230677	+	T	1 chr19:40230316-40233951
## 220	chr19 40230678	+	A	1 chr19:40230316-40233951
## 221	chr19 40230679	+	C	1 chr19:40230316-40233951
## 222	chr19 40230680	+	T	1 chr19:40230316-40233951
## 223	chr19 40230681	+	C	1 chr19:40230316-40233951
## 224	chr19 40230682	+	C	1 chr19:40230316-40233951
## 225	chr19 40230683	+	T	1 chr19:40230316-40233951
## 226	chr19 40230684	+	G	1 chr19:40230316-40233951
## 227	chr19 40230685	+	C	1 chr19:40230316-40233951
## 228	chr19 40230686	+	T	1 chr19:40230316-40233951
## 229	chr19 40230687	+	T	1 chr19:40230316-40233951
## 230	chr19 40230688	+	T	1 chr19:40230316-40233951
## 231	chr19 40230689	+	G	1 chr19:40230316-40233951
## 232	chr19 40230690	+	C	1 chr19:40230316-40233951
## 233	chr19 40230691	+	T	1 chr19:40230316-40233951
## 234	chr19 40230692	+	G	1 chr19:40230316-40233951
## 235	chr19 40230693	+	T	1 chr19:40230316-40233951
## 236	chr19 40230694	+	C	1 chr19:40230316-40233951
## 237	chr19 40230695	+	T	1 chr19:40230316-40233951
## 238	chr19 40230696	+	T	1 chr19:40230316-40233951
## 239	chr19 40230697	+	T	1 chr19:40230316-40233951
## 240	chr19 40230698	+	T	1 chr19:40230316-40233951
## 241	chr19 40230699	+	T	1 chr19:40230316-40233951
## 242	chr19 40230700	+	T	1 chr19:40230316-40233951
## 243	chr19 40230701	+	A	1 chr19:40230316-40233951
## 244	chr19 40230702	+	A	1 chr19:40230316-40233951
## 245	chr19 40230723	-	T	1 chr19:40230316-40233951
## 246	chr19 40230724	-	T	1 chr19:40230316-40233951
## 247	chr19 40230725	-	T	1 chr19:40230316-40233951
## 248	chr19 40230726	-	T	1 chr19:40230316-40233951
## 249	chr19 40230727	-	T	1 chr19:40230316-40233951
## 250	chr19 40230728	-	T	1 chr19:40230316-40233951
## 251	chr19 40230729	-	T	1 chr19:40230316-40233951
## 252	chr19 40230730	-	T	1 chr19:40230316-40233951
## 253	chr19 40230731	-	A	1 chr19:40230316-40233951
## 254	chr19 40230732	-	T	1 chr19:40230316-40233951
## 255	chr19 40230733	-	T	1 chr19:40230316-40233951
## 256	chr19 40230734	-	T	1 chr19:40230316-40233951
## 257	chr19 40230735	-	T	1 chr19:40230316-40233951
## 258	chr19 40230736	-	T	1 chr19:40230316-40233951
## 259	chr19 40230737	-	A	1 chr19:40230316-40233951
## 260	chr19 40230738	-	G	1 chr19:40230316-40233951
## 261	chr19 40230739	-	A	1 chr19:40230316-40233951

## 262	chr19 40230740	-	G	1 chr19:40230316-40233951
## 263	chr19 40230741	-	A	1 chr19:40230316-40233951
## 264	chr19 40230742	-	C	1 chr19:40230316-40233951
## 265	chr19 40230743	-	A	1 chr19:40230316-40233951
## 266	chr19 40230744	-	C	1 chr19:40230316-40233951
## 267	chr19 40230745	-	A	1 chr19:40230316-40233951
## 268	chr19 40230746	-	G	1 chr19:40230316-40233951
## 269	chr19 40230747	-	T	1 chr19:40230316-40233951
## 270	chr19 40230748	-	C	1 chr19:40230316-40233951
## 271	chr19 40230749	-	T	1 chr19:40230316-40233951
## 272	chr19 40230750	-	C	1 chr19:40230316-40233951
## 273	chr19 40230751	-	A	1 chr19:40230316-40233951
## 274	chr19 40230752	-	T	1 chr19:40230316-40233951
## 275	chr19 40230753	-	T	1 chr19:40230316-40233951
## 276	chr19 40230754	-	G	1 chr19:40230316-40233951
## 277	chr19 40230755	-	T	1 chr19:40230316-40233951
## 278	chr19 40230756	-	C	1 chr19:40230316-40233951
## 279	chr19 40230757	-	C	1 chr19:40230316-40233951
## 280	chr19 40230758	-	C	1 chr19:40230316-40233951
## 281	chr19 40230759	-	A	1 chr19:40230316-40233951
## 282	chr19 40230760	-	G	1 chr19:40230316-40233951
## 283	chr19 40230761	-	G	1 chr19:40230316-40233951
## 284	chr19 40230762	-	C	1 chr19:40230316-40233951
## 285	chr19 40230763	-	T	1 chr19:40230316-40233951
## 286	chr19 40230764	-	G	1 chr19:40230316-40233951
## 287	chr19 40230765	-	C	1 chr19:40230316-40233951
## 288	chr19 40230766	-	A	1 chr19:40230316-40233951
## 289	chr19 40230767	-	G	1 chr19:40230316-40233951
## 290	chr19 40230768	-	T	1 chr19:40230316-40233951
## 291	chr19 40230769	-	G	1 chr19:40230316-40233951
## 292	chr19 40230770	-	C	1 chr19:40230316-40233951
## 293	chr19 40230771	-	A	1 chr19:40230316-40233951
## 294	chr19 40230772	-	G	1 chr19:40230316-40233951
## 295	chr19 40230773	-	T	1 chr19:40230316-40233951
## 296	chr19 40230774	-	G	1 chr19:40230316-40233951
## 297	chr19 40230775	-	C	1 chr19:40230316-40233951
## 298	chr19 40230776	-	C	1 chr19:40230316-40233951
## 299	chr19 40230777	-	G	1 chr19:40230316-40233951
## 300	chr19 40230778	-	C	1 chr19:40230316-40233951
## 301	chr19 40230779	-	A	1 chr19:40230316-40233951
## 302	chr19 40230780	-	A	1 chr19:40230316-40233951
## 303	chr19 40230781	-	T	1 chr19:40230316-40233951
## 304	chr19 40230782	-	C	1 chr19:40230316-40233951
## 305	chr19 40230783	-	A	1 chr19:40230316-40233951
## 306	chr19 40230784	-	T	1 chr19:40230316-40233951
## 307	chr19 40230785	-	A	1 chr19:40230316-40233951
## 308	chr19 40230786	-	G	1 chr19:40230316-40233951
## 309	chr19 40230787	-	C	1 chr19:40230316-40233951
## 310	chr19 40230788	-	T	1 chr19:40230316-40233951
## 311	chr19 40230789	-	C	1 chr19:40230316-40233951
## 312	chr19 40230790	-	A	1 chr19:40230316-40233951
## 313	chr19 40230791	-	C	1 chr19:40230316-40233951
## 314	chr19 40230792	-	T	1 chr19:40230316-40233951
## 315	chr19 40230793	-	G	1 chr19:40230316-40233951

## 316	chr19 40230794	-	C	1	chr19:40230316-40233951
## 317	chr19 40230795	-	A	1	chr19:40230316-40233951
## 318	chr19 40230796	-	G	1	chr19:40230316-40233951
## 319	chr19 40230797	-	C	1	chr19:40230316-40233951
## 320	chr19 40230852	+	G	1	chr19:40230316-40233951
## 321	chr19 40230853	+	C	1	chr19:40230316-40233951
## 322	chr19 40230854	+	T	1	chr19:40230316-40233951
## 323	chr19 40230855	+	G	1	chr19:40230316-40233951
## 324	chr19 40230856	+	G	1	chr19:40230316-40233951
## 325	chr19 40230857	+	G	1	chr19:40230316-40233951
## 326	chr19 40230858	+	A	1	chr19:40230316-40233951
## 327	chr19 40230859	+	T	1	chr19:40230316-40233951
## 328	chr19 40230860	+	T	1	chr19:40230316-40233951
## 329	chr19 40230861	+	G	1	chr19:40230316-40233951
## 330	chr19 40230862	+	C	1	chr19:40230316-40233951
## 331	chr19 40230863	+	A	1	chr19:40230316-40233951
## 332	chr19 40230864	+	G	1	chr19:40230316-40233951
## 333	chr19 40230865	+	G	1	chr19:40230316-40233951
## 334	chr19 40230866	+	C	1	chr19:40230316-40233951
## 335	chr19 40230867	+	A	1	chr19:40230316-40233951
## 336	chr19 40230868	+	T	1	chr19:40230316-40233951
## 337	chr19 40230869	+	G	1	chr19:40230316-40233951
## 338	chr19 40230870	+	C	1	chr19:40230316-40233951
## 339	chr19 40230871	+	A	1	chr19:40230316-40233951
## 340	chr19 40230872	+	C	1	chr19:40230316-40233951
## 341	chr19 40230873	+	C	1	chr19:40230316-40233951
## 342	chr19 40230874	+	A	1	chr19:40230316-40233951
## 343	chr19 40230875	+	C	1	chr19:40230316-40233951
## 344	chr19 40230876	+	C	1	chr19:40230316-40233951
## 345	chr19 40230877	+	A	1	chr19:40230316-40233951
## 346	chr19 40230878	+	T	3	chr19:40230316-40233951
## 347	chr19 40230879	+	G	3	chr19:40230316-40233951
## 348	chr19 40230880	+	C	3	chr19:40230316-40233951
## 349	chr19 40230881	+	C	3	chr19:40230316-40233951
## 350	chr19 40230882	+	C	3	chr19:40230316-40233951
## 351	chr19 40230883	+	A	3	chr19:40230316-40233951
## 352	chr19 40230884	+	G	4	chr19:40230316-40233951
## 353	chr19 40230885	+	C	4	chr19:40230316-40233951
## 354	chr19 40230886	+	T	4	chr19:40230316-40233951
## 355	chr19 40230887	+	A	4	chr19:40230316-40233951
## 356	chr19 40230888	+	A	4	chr19:40230316-40233951
## 357	chr19 40230889	+	T	4	chr19:40230316-40233951
## 358	chr19 40230890	+	T	4	chr19:40230316-40233951
## 359	chr19 40230891	+	T	4	chr19:40230316-40233951
## 360	chr19 40230892	+	T	4	chr19:40230316-40233951
## 361	chr19 40230893	+	T	4	chr19:40230316-40233951
## 362	chr19 40230894	+	G	4	chr19:40230316-40233951
## 363	chr19 40230895	+	T	4	chr19:40230316-40233951
## 364	chr19 40230896	+	A	4	chr19:40230316-40233951
## 365	chr19 40230897	+	T	4	chr19:40230316-40233951
## 366	chr19 40230898	+	T	4	chr19:40230316-40233951
## 367	chr19 40230899	+	T	4	chr19:40230316-40233951
## 368	chr19 40230900	+	T	4	chr19:40230316-40233951
## 369	chr19 40230901	+	T	4	chr19:40230316-40233951

## 370	chr19 40230902	+	T	4	chr19:40230316-40233951
## 371	chr19 40230903	+	G	4	chr19:40230316-40233951
## 372	chr19 40230904	+	T	4	chr19:40230316-40233951
## 373	chr19 40230905	+	A	4	chr19:40230316-40233951
## 374	chr19 40230906	+	G	4	chr19:40230316-40233951
## 375	chr19 40230907	+	A	4	chr19:40230316-40233951
## 376	chr19 40230908	+	G	4	chr19:40230316-40233951
## 377	chr19 40230909	+	A	4	chr19:40230316-40233951
## 378	chr19 40230910	+	T	4	chr19:40230316-40233951
## 379	chr19 40230911	+	G	4	chr19:40230316-40233951
## 380	chr19 40230912	+	A	4	chr19:40230316-40233951
## 381	chr19 40230913	+	A	4	chr19:40230316-40233951
## 382	chr19 40230914	+	G	4	chr19:40230316-40233951
## 383	chr19 40230915	+	G	4	chr19:40230316-40233951
## 384	chr19 40230916	+	T	4	chr19:40230316-40233951
## 385	chr19 40230917	+	C	4	chr19:40230316-40233951
## 386	chr19 40230918	+	T	4	chr19:40230316-40233951
## 387	chr19 40230919	+	C	4	chr19:40230316-40233951
## 388	chr19 40230920	+	C	4	chr19:40230316-40233951
## 389	chr19 40230921	+	C	4	chr19:40230316-40233951
## 390	chr19 40230922	+	T	4	chr19:40230316-40233951
## 391	chr19 40230923	+	A	4	chr19:40230316-40233951
## 392	chr19 40230924	+	T	4	chr19:40230316-40233951
## 393	chr19 40230925	+	G	4	chr19:40230316-40233951
## 394	chr19 40230926	+	A	4	chr19:40230316-40233951
## 395	chr19 40230927	+	T	3	chr19:40230316-40233951
## 396	chr19 40230928	+	G	3	chr19:40230316-40233951
## 397	chr19 40230929	+	C	3	chr19:40230316-40233951
## 398	chr19 40230930	+	C	3	chr19:40230316-40233951
## 399	chr19 40230931	+	C	3	chr19:40230316-40233951
## 400	chr19 40230932	+	A	3	chr19:40230316-40233951
## 401	chr19 40230933	+	G	3	chr19:40230316-40233951
## 402	chr19 40230934	+	G	3	chr19:40230316-40233951
## 403	chr19 40230935	+	C	3	chr19:40230316-40233951
## 404	chr19 40230936	+	T	3	chr19:40230316-40233951
## 405	chr19 40230937	+	G	3	chr19:40230316-40233951
## 406	chr19 40230938	+	G	3	chr19:40230316-40233951
## 407	chr19 40230939	+	T	3	chr19:40230316-40233951
## 408	chr19 40230940	+	C	3	chr19:40230316-40233951
## 409	chr19 40230941	+	T	3	chr19:40230316-40233951
## 410	chr19 40230942	+	C	3	chr19:40230316-40233951
## 411	chr19 40230943	+	G	3	chr19:40230316-40233951
## 412	chr19 40230944	+	A	3	chr19:40230316-40233951
## 413	chr19 40230945	+	A	3	chr19:40230316-40233951
## 414	chr19 40230946	+	C	3	chr19:40230316-40233951
## 415	chr19 40230947	+	C	3	chr19:40230316-40233951
## 416	chr19 40230948	+	C	3	chr19:40230316-40233951
## 417	chr19 40230949	+	C	3	chr19:40230316-40233951
## 418	chr19 40230949	-	C	1	chr19:40230316-40233951
## 419	chr19 40230950	+	T	3	chr19:40230316-40233951
## 420	chr19 40230950	-	T	1	chr19:40230316-40233951
## 421	chr19 40230951	+	G	3	chr19:40230316-40233951
## 422	chr19 40230951	-	G	1	chr19:40230316-40233951
## 423	chr19 40230952	+	G	3	chr19:40230316-40233951

## 424	chr19 40230952	-	G	1	chr19:40230316-40233951
## 425	chr19 40230953	+	C	1	chr19:40230316-40233951
## 426	chr19 40230953	-	C	1	chr19:40230316-40233951
## 427	chr19 40230954	+	C	1	chr19:40230316-40233951
## 428	chr19 40230954	-	C	1	chr19:40230316-40233951
## 429	chr19 40230955	+	T	1	chr19:40230316-40233951
## 430	chr19 40230955	-	T	1	chr19:40230316-40233951
## 431	chr19 40230956	+	C	1	chr19:40230316-40233951
## 432	chr19 40230956	-	C	1	chr19:40230316-40233951
## 433	chr19 40230957	+	A	1	chr19:40230316-40233951
## 434	chr19 40230957	-	A	1	chr19:40230316-40233951
## 435	chr19 40230958	+	A	1	chr19:40230316-40233951
## 436	chr19 40230958	-	A	1	chr19:40230316-40233951
## 437	chr19 40230959	-	G	1	chr19:40230316-40233951
## 438	chr19 40230960	-	A	1	chr19:40230316-40233951
## 439	chr19 40230961	-	G	1	chr19:40230316-40233951
## 440	chr19 40230962	-	A	1	chr19:40230316-40233951
## 441	chr19 40230963	-	C	1	chr19:40230316-40233951
## 442	chr19 40230964	-	C	1	chr19:40230316-40233951
## 443	chr19 40230965	-	C	1	chr19:40230316-40233951
## 444	chr19 40230966	-	G	1	chr19:40230316-40233951
## 445	chr19 40230967	-	C	1	chr19:40230316-40233951
## 446	chr19 40230968	-	C	1	chr19:40230316-40233951
## 447	chr19 40230969	-	C	1	chr19:40230316-40233951
## 448	chr19 40230970	-	G	1	chr19:40230316-40233951
## 449	chr19 40230971	-	C	1	chr19:40230316-40233951
## 450	chr19 40230972	-	C	1	chr19:40230316-40233951
## 451	chr19 40230973	-	T	1	chr19:40230316-40233951
## 452	chr19 40230974	-	C	1	chr19:40230316-40233951
## 453	chr19 40230975	-	G	1	chr19:40230316-40233951
## 454	chr19 40230976	-	G	1	chr19:40230316-40233951
## 455	chr19 40230977	-	C	1	chr19:40230316-40233951
## 456	chr19 40230978	-	C	1	chr19:40230316-40233951
## 457	chr19 40230979	-	T	1	chr19:40230316-40233951
## 458	chr19 40230980	-	C	1	chr19:40230316-40233951
## 459	chr19 40230981	-	C	1	chr19:40230316-40233951
## 460	chr19 40230982	-	C	1	chr19:40230316-40233951
## 461	chr19 40230983	-	A	1	chr19:40230316-40233951
## 462	chr19 40230984	-	A	1	chr19:40230316-40233951
## 463	chr19 40230985	-	A	1	chr19:40230316-40233951
## 464	chr19 40230986	-	T	1	chr19:40230316-40233951
## 465	chr19 40230987	-	T	1	chr19:40230316-40233951
## 466	chr19 40230988	-	G	1	chr19:40230316-40233951
## 467	chr19 40230989	-	C	1	chr19:40230316-40233951
## 468	chr19 40230990	-	T	1	chr19:40230316-40233951
## 469	chr19 40230991	-	G	1	chr19:40230316-40233951
## 470	chr19 40230992	-	G	1	chr19:40230316-40233951
## 471	chr19 40230993	-	G	1	chr19:40230316-40233951
## 472	chr19 40230994	-	A	1	chr19:40230316-40233951
## 473	chr19 40230995	-	T	2	chr19:40230316-40233951
## 474	chr19 40230996	-	T	2	chr19:40230316-40233951
## 475	chr19 40230997	-	A	2	chr19:40230316-40233951
## 476	chr19 40230998	-	C	2	chr19:40230316-40233951
## 477	chr19 40230999	-	A	2	chr19:40230316-40233951

## 478	chr19 40231000	-	G	2	chr19:40230316-40233951
## 479	chr19 40231001	-	G	2	chr19:40230316-40233951
## 480	chr19 40231002	-	C	2	chr19:40230316-40233951
## 481	chr19 40231003	-	A	2	chr19:40230316-40233951
## 482	chr19 40231004	-	T	2	chr19:40230316-40233951
## 483	chr19 40231005	-	G	2	chr19:40230316-40233951
## 484	chr19 40231006	-	A	2	chr19:40230316-40233951
## 485	chr19 40231007	-	G	2	chr19:40230316-40233951
## 486	chr19 40231008	-	C	2	chr19:40230316-40233951
## 487	chr19 40231009	-	C	2	chr19:40230316-40233951
## 488	chr19 40231010	-	A	2	chr19:40230316-40233951
## 489	chr19 40231011	-	C	2	chr19:40230316-40233951
## 490	chr19 40231012	-	T	2	chr19:40230316-40233951
## 491	chr19 40231013	-	G	2	chr19:40230316-40233951
## 492	chr19 40231014	-	T	2	chr19:40230316-40233951
## 493	chr19 40231015	-	G	2	chr19:40230316-40233951
## 494	chr19 40231016	-	C	2	chr19:40230316-40233951
## 495	chr19 40231017	-	C	2	chr19:40230316-40233951
## 496	chr19 40231018	-	C	1	chr19:40230316-40233951
## 497	chr19 40231019	-	A	1	chr19:40230316-40233951
## 498	chr19 40231020	-	G	1	chr19:40230316-40233951
## 499	chr19 40231021	-	T	1	chr19:40230316-40233951
## 500	chr19 40231022	-	C	1	chr19:40230316-40233951
## 501	chr19 40231023	-	A	1	chr19:40230316-40233951
## 502	chr19 40231024	-	C	1	chr19:40230316-40233951
## 503	chr19 40231025	-	T	1	chr19:40230316-40233951
## 504	chr19 40231026	-	G	1	chr19:40230316-40233951
## 505	chr19 40231027	-	T	1	chr19:40230316-40233951
## 506	chr19 40231028	-	T	1	chr19:40230316-40233951
## 507	chr19 40231029	-	C	1	chr19:40230316-40233951
## 508	chr19 40231030	-	T	3	chr19:40230316-40233951
## 509	chr19 40231031	-	T	3	chr19:40230316-40233951
## 510	chr19 40231032	-	T	3	chr19:40230316-40233951
## 511	chr19 40231033	-	A	3	chr19:40230316-40233951
## 512	chr19 40231034	-	T	3	chr19:40230316-40233951
## 513	chr19 40231035	-	A	3	chr19:40230316-40233951
## 514	chr19 40231036	-	T	3	chr19:40230316-40233951
## 515	chr19 40231037	+	A	1	chr19:40230316-40233951
## 516	chr19 40231037	-	A	3	chr19:40230316-40233951
## 517	chr19 40231038	+	C	1	chr19:40230316-40233951
## 518	chr19 40231038	-	C	3	chr19:40230316-40233951
## 519	chr19 40231039	+	A	1	chr19:40230316-40233951
## 520	chr19 40231039	-	A	3	chr19:40230316-40233951
## 521	chr19 40231040	+	A	1	chr19:40230316-40233951
## 522	chr19 40231040	-	A	3	chr19:40230316-40233951
## 523	chr19 40231041	+	A	1	chr19:40230316-40233951
## 524	chr19 40231041	-	A	3	chr19:40230316-40233951
## 525	chr19 40231042	+	A	1	chr19:40230316-40233951
## 526	chr19 40231042	-	A	3	chr19:40230316-40233951
## 527	chr19 40231043	+	A	1	chr19:40230316-40233951
## 528	chr19 40231043	-	A	3	chr19:40230316-40233951
## 529	chr19 40231044	+	A	1	chr19:40230316-40233951
## 530	chr19 40231044	-	A	3	chr19:40230316-40233951
## 531	chr19 40231045	+	G	1	chr19:40230316-40233951

## 532	chr19 40231045	-	G	3	chr19:40230316-40233951
## 533	chr19 40231046	+	A	1	chr19:40230316-40233951
## 534	chr19 40231046	-	A	3	chr19:40230316-40233951
## 535	chr19 40231047	+	A	1	chr19:40230316-40233951
## 536	chr19 40231047	-	A	3	chr19:40230316-40233951
## 537	chr19 40231048	+	T	1	chr19:40230316-40233951
## 538	chr19 40231048	-	T	3	chr19:40230316-40233951
## 539	chr19 40231049	+	G	1	chr19:40230316-40233951
## 540	chr19 40231049	-	G	3	chr19:40230316-40233951
## 541	chr19 40231050	+	T	1	chr19:40230316-40233951
## 542	chr19 40231050	-	T	3	chr19:40230316-40233951
## 543	chr19 40231051	+	G	1	chr19:40230316-40233951
## 544	chr19 40231051	-	G	3	chr19:40230316-40233951
## 545	chr19 40231052	+	T	1	chr19:40230316-40233951
## 546	chr19 40231052	-	T	3	chr19:40230316-40233951
## 547	chr19 40231053	+	G	1	chr19:40230316-40233951
## 548	chr19 40231053	-	G	3	chr19:40230316-40233951
## 549	chr19 40231054	+	A	1	chr19:40230316-40233951
## 550	chr19 40231054	-	A	3	chr19:40230316-40233951
## 551	chr19 40231055	+	A	1	chr19:40230316-40233951
## 552	chr19 40231055	-	A	3	chr19:40230316-40233951
## 553	chr19 40231056	+	A	1	chr19:40230316-40233951
## 554	chr19 40231056	-	A	3	chr19:40230316-40233951
## 555	chr19 40231057	+	T	1	chr19:40230316-40233951
## 556	chr19 40231057	-	T	3	chr19:40230316-40233951
## 557	chr19 40231058	+	T	1	chr19:40230316-40233951
## 558	chr19 40231058	-	T	3	chr19:40230316-40233951
## 559	chr19 40231059	+	T	1	chr19:40230316-40233951
## 560	chr19 40231059	-	T	3	chr19:40230316-40233951
## 561	chr19 40231060	+	T	1	chr19:40230316-40233951
## 562	chr19 40231060	-	T	3	chr19:40230316-40233951
## 563	chr19 40231061	+	T	1	chr19:40230316-40233951
## 564	chr19 40231061	-	T	3	chr19:40230316-40233951
## 565	chr19 40231062	+	A	1	chr19:40230316-40233951
## 566	chr19 40231062	-	A	3	chr19:40230316-40233951
## 567	chr19 40231063	+	A	1	chr19:40230316-40233951
## 568	chr19 40231063	-	A	3	chr19:40230316-40233951
## 569	chr19 40231064	+	A	1	chr19:40230316-40233951
## 570	chr19 40231064	-	A	3	chr19:40230316-40233951
## 571	chr19 40231065	+	A	1	chr19:40230316-40233951
## 572	chr19 40231065	-	A	3	chr19:40230316-40233951
## 573	chr19 40231066	+	T	1	chr19:40230316-40233951
## 574	chr19 40231066	-	T	3	chr19:40230316-40233951
## 575	chr19 40231067	+	G	1	chr19:40230316-40233951
## 576	chr19 40231067	-	G	3	chr19:40230316-40233951
## 577	chr19 40231068	+	T	1	chr19:40230316-40233951
## 578	chr19 40231068	-	T	3	chr19:40230316-40233951
## 579	chr19 40231069	+	A	1	chr19:40230316-40233951
## 580	chr19 40231069	-	A	3	chr19:40230316-40233951
## 581	chr19 40231070	+	C	1	chr19:40230316-40233951
## 582	chr19 40231070	-	C	2	chr19:40230316-40233951
## 583	chr19 40231071	+	A	1	chr19:40230316-40233951
## 584	chr19 40231071	-	A	2	chr19:40230316-40233951
## 585	chr19 40231072	+	T	1	chr19:40230316-40233951

## 586	chr19 40231072	-	T	2	chr19:40230316-40233951
## 587	chr19 40231073	+	T	1	chr19:40230316-40233951
## 588	chr19 40231073	-	T	2	chr19:40230316-40233951
## 589	chr19 40231074	+	G	1	chr19:40230316-40233951
## 590	chr19 40231074	-	G	2	chr19:40230316-40233951
## 591	chr19 40231075	+	C	1	chr19:40230316-40233951
## 592	chr19 40231075	-	C	2	chr19:40230316-40233951
## 593	chr19 40231076	+	A	1	chr19:40230316-40233951
## 594	chr19 40231076	-	A	2	chr19:40230316-40233951
## 595	chr19 40231077	+	A	1	chr19:40230316-40233951
## 596	chr19 40231077	-	A	2	chr19:40230316-40233951
## 597	chr19 40231078	+	A	1	chr19:40230316-40233951
## 598	chr19 40231078	-	A	2	chr19:40230316-40233951
## 599	chr19 40231079	+	A	1	chr19:40230316-40233951
## 600	chr19 40231079	-	A	2	chr19:40230316-40233951
## 601	chr19 40231080	+	G	1	chr19:40230316-40233951
## 602	chr19 40231080	-	G	2	chr19:40230316-40233951
## 603	chr19 40231081	+	A	1	chr19:40230316-40233951
## 604	chr19 40231081	-	A	2	chr19:40230316-40233951
## 605	chr19 40231082	+	C	1	chr19:40230316-40233951
## 606	chr19 40231082	-	C	2	chr19:40230316-40233951
## 607	chr19 40231083	+	G	1	chr19:40230316-40233951
## 608	chr19 40231083	-	G	2	chr19:40230316-40233951
## 609	chr19 40231084	+	A	1	chr19:40230316-40233951
## 610	chr19 40231084	-	A	2	chr19:40230316-40233951
## 611	chr19 40231085	+	T	1	chr19:40230316-40233951
## 612	chr19 40231085	-	T	2	chr19:40230316-40233951
## 613	chr19 40231086	+	T	1	chr19:40230316-40233951
## 614	chr19 40231086	-	T	2	chr19:40230316-40233951
## 615	chr19 40231087	+	A	1	chr19:40230316-40233951
## 616	chr19 40231087	-	A	2	chr19:40230316-40233951
## 617	chr19 40231088	+	T	1	chr19:40230316-40233951
## 618	chr19 40231088	-	T	2	chr19:40230316-40233951
## 619	chr19 40231089	+	T	1	chr19:40230316-40233951
## 620	chr19 40231089	-	T	2	chr19:40230316-40233951
## 621	chr19 40231090	+	C	1	chr19:40230316-40233951
## 622	chr19 40231090	-	C	2	chr19:40230316-40233951
## 623	chr19 40231091	+	T	1	chr19:40230316-40233951
## 624	chr19 40231091	-	T	2	chr19:40230316-40233951
## 625	chr19 40231092	+	A	1	chr19:40230316-40233951
## 626	chr19 40231092	-	A	2	chr19:40230316-40233951
## 627	chr19 40231093	+	C	1	chr19:40230316-40233951
## 628	chr19 40231093	-	C	2	chr19:40230316-40233951
## 629	chr19 40231094	+	T	1	chr19:40230316-40233951
## 630	chr19 40231094	-	T	2	chr19:40230316-40233951
## 631	chr19 40231095	+	C	1	chr19:40230316-40233951
## 632	chr19 40231095	-	C	2	chr19:40230316-40233951
## 633	chr19 40231096	+	A	1	chr19:40230316-40233951
## 634	chr19 40231096	-	A	2	chr19:40230316-40233951
## 635	chr19 40231097	+	A	1	chr19:40230316-40233951
## 636	chr19 40231097	-	A	2	chr19:40230316-40233951
## 637	chr19 40231098	+	A	1	chr19:40230316-40233951
## 638	chr19 40231098	-	A	2	chr19:40230316-40233951
## 639	chr19 40231099	+	A	1	chr19:40230316-40233951

## 640	chr19 40231099	-	A	2	chr19:40230316-40233951
## 641	chr19 40231100	+	T	1	chr19:40230316-40233951
## 642	chr19 40231100	-	T	2	chr19:40230316-40233951
## 643	chr19 40231101	+	T	1	chr19:40230316-40233951
## 644	chr19 40231101	-	T	2	chr19:40230316-40233951
## 645	chr19 40231102	+	T	1	chr19:40230316-40233951
## 646	chr19 40231102	-	T	2	chr19:40230316-40233951
## 647	chr19 40231103	+	A	1	chr19:40230316-40233951
## 648	chr19 40231103	-	A	2	chr19:40230316-40233951
## 649	chr19 40231104	+	T	1	chr19:40230316-40233951
## 650	chr19 40231104	-	T	2	chr19:40230316-40233951
## 651	chr19 40231105	+	T	1	chr19:40230316-40233951
## 652	chr19 40231106	+	T	1	chr19:40230316-40233951
## 653	chr19 40231107	+	G	1	chr19:40230316-40233951
## 654	chr19 40231108	+	G	1	chr19:40230316-40233951
## 655	chr19 40231109	+	T	1	chr19:40230316-40233951
## 656	chr19 40231110	+	A	1	chr19:40230316-40233951
## 657	chr19 40231111	+	A	1	chr19:40230316-40233951
## 658	chr19 40231143	-	T	1	chr19:40230316-40233951
## 659	chr19 40231144	-	T	1	chr19:40230316-40233951
## 660	chr19 40231145	-	C	1	chr19:40230316-40233951
## 661	chr19 40231146	-	T	1	chr19:40230316-40233951
## 662	chr19 40231147	-	T	1	chr19:40230316-40233951
## 663	chr19 40231148	-	G	1	chr19:40230316-40233951
## 664	chr19 40231149	-	G	1	chr19:40230316-40233951
## 665	chr19 40231150	-	G	1	chr19:40230316-40233951
## 666	chr19 40231151	-	A	1	chr19:40230316-40233951
## 667	chr19 40231152	-	A	1	chr19:40230316-40233951
## 668	chr19 40231153	-	A	1	chr19:40230316-40233951
## 669	chr19 40231154	-	A	1	chr19:40230316-40233951
## 670	chr19 40231155	-	G	1	chr19:40230316-40233951
## 671	chr19 40231156	-	C	1	chr19:40230316-40233951
## 672	chr19 40231157	-	T	1	chr19:40230316-40233951
## 673	chr19 40231158	-	C	1	chr19:40230316-40233951
## 674	chr19 40231159	-	T	1	chr19:40230316-40233951
## 675	chr19 40231160	-	A	1	chr19:40230316-40233951
## 676	chr19 40231161	-	C	1	chr19:40230316-40233951
## 677	chr19 40231162	-	A	1	chr19:40230316-40233951
## 678	chr19 40231163	-	G	1	chr19:40230316-40233951
## 679	chr19 40231164	-	G	1	chr19:40230316-40233951
## 680	chr19 40231165	-	A	1	chr19:40230316-40233951
## 681	chr19 40231166	-	T	1	chr19:40230316-40233951
## 682	chr19 40231167	-	A	1	chr19:40230316-40233951
## 683	chr19 40231168	-	A	1	chr19:40230316-40233951
## 684	chr19 40231169	-	C	1	chr19:40230316-40233951
## 685	chr19 40231170	-	C	1	chr19:40230316-40233951
## 686	chr19 40231171	-	A	1	chr19:40230316-40233951
## 687	chr19 40231172	-	C	1	chr19:40230316-40233951
## 688	chr19 40231173	-	A	1	chr19:40230316-40233951
## 689	chr19 40231174	-	C	1	chr19:40230316-40233951
## 690	chr19 40231175	-	A	1	chr19:40230316-40233951
## 691	chr19 40231176	-	T	1	chr19:40230316-40233951
## 692	chr19 40231177	-	G	1	chr19:40230316-40233951
## 693	chr19 40231178	-	C	1	chr19:40230316-40233951

## 694	chr19 40231179	-	T	1 chr19:40230316-40233951
## 695	chr19 40231180	-	C	1 chr19:40230316-40233951
## 696	chr19 40231181	-	A	1 chr19:40230316-40233951
## 697	chr19 40231182	-	A	1 chr19:40230316-40233951
## 698	chr19 40231183	-	C	1 chr19:40230316-40233951
## 699	chr19 40231184	-	T	1 chr19:40230316-40233951
## 700	chr19 40231185	-	A	1 chr19:40230316-40233951
## 701	chr19 40231186	-	C	1 chr19:40230316-40233951
## 702	chr19 40231187	-	G	1 chr19:40230316-40233951
## 703	chr19 40231188	-	G	1 chr19:40230316-40233951
## 704	chr19 40231189	-	G	1 chr19:40230316-40233951
## 705	chr19 40231190	-	G	1 chr19:40230316-40233951
## 706	chr19 40231191	-	C	1 chr19:40230316-40233951
## 707	chr19 40231192	-	C	1 chr19:40230316-40233951
## 708	chr19 40231193	-	A	1 chr19:40230316-40233951
## 709	chr19 40231194	-	G	1 chr19:40230316-40233951
## 710	chr19 40231195	-	C	1 chr19:40230316-40233951
## 711	chr19 40231196	-	T	1 chr19:40230316-40233951
## 712	chr19 40231197	-	G	1 chr19:40230316-40233951
## 713	chr19 40231198	-	C	1 chr19:40230316-40233951
## 714	chr19 40231199	-	T	1 chr19:40230316-40233951
## 715	chr19 40231200	-	G	1 chr19:40230316-40233951
## 716	chr19 40231201	-	C	1 chr19:40230316-40233951
## 717	chr19 40231202	-	A	1 chr19:40230316-40233951
## 718	chr19 40231203	-	G	1 chr19:40230316-40233951
## 719	chr19 40231204	-	C	1 chr19:40230316-40233951
## 720	chr19 40231205	-	T	1 chr19:40230316-40233951
## 721	chr19 40231206	-	G	1 chr19:40230316-40233951
## 722	chr19 40231207	-	T	1 chr19:40230316-40233951
## 723	chr19 40231208	-	G	1 chr19:40230316-40233951
## 724	chr19 40231209	-	G	1 chr19:40230316-40233951
## 725	chr19 40231210	-	G	1 chr19:40230316-40233951
## 726	chr19 40231211	-	A	1 chr19:40230316-40233951
## 727	chr19 40231212	-	C	1 chr19:40230316-40233951
## 728	chr19 40231213	-	C	1 chr19:40230316-40233951
## 729	chr19 40231214	-	C	1 chr19:40230316-40233951
## 730	chr19 40231215	-	C	1 chr19:40230316-40233951
## 731	chr19 40231216	-	A	1 chr19:40230316-40233951
## 732	chr19 40231217	-	T	1 chr19:40230316-40233951
## 733	chr19 40231717	-	G	1 chr19:40230316-40233951
## 734	chr19 40231718	-	G	1 chr19:40230316-40233951
## 735	chr19 40231719	-	A	1 chr19:40230316-40233951
## 736	chr19 40231720	-	A	1 chr19:40230316-40233951
## 737	chr19 40231721	-	G	1 chr19:40230316-40233951
## 738	chr19 40231722	-	T	1 chr19:40230316-40233951
## 739	chr19 40231723	-	G	1 chr19:40230316-40233951
## 740	chr19 40231724	-	C	1 chr19:40230316-40233951
## 741	chr19 40231725	-	A	1 chr19:40230316-40233951
## 742	chr19 40231726	-	G	1 chr19:40230316-40233951
## 743	chr19 40231727	-	G	1 chr19:40230316-40233951
## 744	chr19 40231728	-	G	1 chr19:40230316-40233951
## 745	chr19 40231729	-	G	1 chr19:40230316-40233951
## 746	chr19 40231730	-	C	1 chr19:40230316-40233951
## 747	chr19 40231731	-	C	1 chr19:40230316-40233951

## 748	chr19 40231732	-	C	1 chr19:40230316-40233951
## 749	chr19 40231733	-	A	1 chr19:40230316-40233951
## 750	chr19 40231734	-	G	1 chr19:40230316-40233951
## 751	chr19 40231735	-	A	1 chr19:40230316-40233951
## 752	chr19 40231736	-	C	1 chr19:40230316-40233951
## 753	chr19 40231737	-	A	1 chr19:40230316-40233951
## 754	chr19 40231738	-	C	1 chr19:40230316-40233951
## 755	chr19 40231739	-	A	1 chr19:40230316-40233951
## 756	chr19 40231740	-	T	1 chr19:40230316-40233951
## 757	chr19 40231741	-	C	1 chr19:40230316-40233951
## 758	chr19 40231742	-	C	1 chr19:40230316-40233951
## 759	chr19 40231743	-	A	1 chr19:40230316-40233951
## 760	chr19 40231744	-	G	1 chr19:40230316-40233951
## 761	chr19 40231745	-	G	1 chr19:40230316-40233951
## 762	chr19 40231746	-	C	1 chr19:40230316-40233951
## 763	chr19 40231747	-	T	1 chr19:40230316-40233951
## 764	chr19 40231748	-	A	1 chr19:40230316-40233951
## 765	chr19 40231749	-	A	1 chr19:40230316-40233951
## 766	chr19 40231750	-	A	1 chr19:40230316-40233951
## 767	chr19 40231751	-	G	1 chr19:40230316-40233951
## 768	chr19 40231752	-	G	1 chr19:40230316-40233951
## 769	chr19 40231753	-	G	1 chr19:40230316-40233951
## 770	chr19 40231754	-	C	1 chr19:40230316-40233951
## 771	chr19 40231755	-	A	1 chr19:40230316-40233951
## 772	chr19 40231756	-	G	1 chr19:40230316-40233951
## 773	chr19 40231757	-	T	1 chr19:40230316-40233951
## 774	chr19 40231758	-	G	1 chr19:40230316-40233951
## 775	chr19 40231759	-	A	1 chr19:40230316-40233951
## 776	chr19 40231760	-	C	1 chr19:40230316-40233951
## 777	chr19 40231761	-	T	1 chr19:40230316-40233951
## 778	chr19 40231762	-	A	1 chr19:40230316-40233951
## 779	chr19 40231763	-	G	1 chr19:40230316-40233951
## 780	chr19 40231764	-	G	1 chr19:40230316-40233951
## 781	chr19 40231765	-	G	1 chr19:40230316-40233951
## 782	chr19 40231766	-	G	1 chr19:40230316-40233951
## 783	chr19 40231767	-	A	1 chr19:40230316-40233951
## 784	chr19 40231768	-	G	1 chr19:40230316-40233951
## 785	chr19 40231769	-	G	1 chr19:40230316-40233951
## 786	chr19 40231770	-	G	1 chr19:40230316-40233951
## 787	chr19 40231771	-	C	1 chr19:40230316-40233951
## 788	chr19 40231772	-	T	1 chr19:40230316-40233951
## 789	chr19 40231773	-	G	1 chr19:40230316-40233951
## 790	chr19 40231774	-	A	1 chr19:40230316-40233951
## 791	chr19 40231775	-	C	1 chr19:40230316-40233951
## 792	chr19 40231776	-	C	1 chr19:40230316-40233951
## 793	chr19 40231777	-	C	1 chr19:40230316-40233951
## 794	chr19 40231778	-	C	1 chr19:40230316-40233951
## 795	chr19 40231779	-	A	1 chr19:40230316-40233951
## 796	chr19 40231780	-	A	1 chr19:40230316-40233951
## 797	chr19 40231781	-	G	1 chr19:40230316-40233951
## 798	chr19 40231782	-	C	1 chr19:40230316-40233951
## 799	chr19 40231783	-	T	1 chr19:40230316-40233951
## 800	chr19 40231784	-	G	1 chr19:40230316-40233951
## 801	chr19 40231785	-	A	1 chr19:40230316-40233951

## 802	chr19 40231786	-	A	1 chr19:40230316-40233951
## 803	chr19 40231787	-	C	1 chr19:40230316-40233951
## 804	chr19 40231788	-	A	1 chr19:40230316-40233951
## 805	chr19 40231789	-	G	1 chr19:40230316-40233951
## 806	chr19 40231790	-	G	1 chr19:40230316-40233951
## 807	chr19 40231791	-	G	1 chr19:40230316-40233951
## 808	chr19 40232977	+	T	1 chr19:40230316-40233951
## 809	chr19 40232978	+	C	1 chr19:40230316-40233951
## 810	chr19 40232979	+	C	1 chr19:40230316-40233951
## 811	chr19 40232980	+	G	1 chr19:40230316-40233951
## 812	chr19 40232981	+	G	1 chr19:40230316-40233951
## 813	chr19 40232982	+	T	1 chr19:40230316-40233951
## 814	chr19 40232983	+	G	1 chr19:40230316-40233951
## 815	chr19 40232984	+	T	1 chr19:40230316-40233951
## 816	chr19 40232985	+	A	1 chr19:40230316-40233951
## 817	chr19 40232986	+	A	1 chr19:40230316-40233951
## 818	chr19 40232987	+	G	1 chr19:40230316-40233951
## 819	chr19 40232988	+	A	1 chr19:40230316-40233951
## 820	chr19 40232989	+	T	1 chr19:40230316-40233951
## 821	chr19 40232990	+	T	1 chr19:40230316-40233951
## 822	chr19 40232991	+	G	1 chr19:40230316-40233951
## 823	chr19 40232992	+	T	1 chr19:40230316-40233951
## 824	chr19 40232993	+	A	1 chr19:40230316-40233951
## 825	chr19 40232994	+	A	1 chr19:40230316-40233951
## 826	chr19 40232995	+	C	1 chr19:40230316-40233951
## 827	chr19 40232996	+	A	1 chr19:40230316-40233951
## 828	chr19 40232997	+	G	1 chr19:40230316-40233951
## 829	chr19 40232998	+	C	1 chr19:40230316-40233951
## 830	chr19 40232999	+	C	1 chr19:40230316-40233951
## 831	chr19 40233000	+	A	1 chr19:40230316-40233951
## 832	chr19 40233001	+	A	1 chr19:40230316-40233951
## 833	chr19 40233002	+	G	1 chr19:40230316-40233951
## 834	chr19 40233003	+	G	1 chr19:40230316-40233951
## 835	chr19 40233004	+	C	1 chr19:40230316-40233951
## 836	chr19 40233005	+	T	1 chr19:40230316-40233951
## 837	chr19 40233006	+	G	1 chr19:40230316-40233951
## 838	chr19 40233007	+	G	1 chr19:40230316-40233951
## 839	chr19 40233008	+	T	1 chr19:40230316-40233951
## 840	chr19 40233009	+	G	1 chr19:40230316-40233951
## 841	chr19 40233010	+	G	1 chr19:40230316-40233951
## 842	chr19 40233011	+	C	1 chr19:40230316-40233951
## 843	chr19 40233012	+	C	1 chr19:40230316-40233951
## 844	chr19 40233013	+	C	1 chr19:40230316-40233951
## 845	chr19 40233014	+	T	1 chr19:40230316-40233951
## 846	chr19 40233015	+	C	1 chr19:40230316-40233951
## 847	chr19 40233016	+	C	1 chr19:40230316-40233951
## 848	chr19 40233017	+	A	1 chr19:40230316-40233951
## 849	chr19 40233018	+	C	1 chr19:40230316-40233951
## 850	chr19 40233019	+	C	1 chr19:40230316-40233951
## 851	chr19 40233020	+	C	1 chr19:40230316-40233951
## 852	chr19 40233021	+	C	1 chr19:40230316-40233951
## 853	chr19 40233022	+	C	1 chr19:40230316-40233951
## 854	chr19 40233023	+	G	1 chr19:40230316-40233951
## 855	chr19 40233024	+	C	1 chr19:40230316-40233951

## 856	chr19 40233025	+	A	1 chr19:40230316-40233951
## 857	chr19 40233026	+	G	1 chr19:40230316-40233951
## 858	chr19 40233027	+	A	1 chr19:40230316-40233951
## 859	chr19 40233028	+	G	1 chr19:40230316-40233951
## 860	chr19 40233029	+	G	1 chr19:40230316-40233951
## 861	chr19 40233030	+	A	1 chr19:40230316-40233951
## 862	chr19 40233031	+	G	1 chr19:40230316-40233951
## 863	chr19 40233032	+	A	1 chr19:40230316-40233951
## 864	chr19 40233033	+	G	1 chr19:40230316-40233951
## 865	chr19 40233034	+	G	1 chr19:40230316-40233951
## 866	chr19 40233035	+	G	1 chr19:40230316-40233951
## 867	chr19 40233036	+	T	1 chr19:40230316-40233951
## 868	chr19 40233037	+	G	1 chr19:40230316-40233951
## 869	chr19 40233038	+	A	1 chr19:40230316-40233951
## 870	chr19 40233039	+	G	1 chr19:40230316-40233951
## 871	chr19 40233040	+	C	1 chr19:40230316-40233951
## 872	chr19 40233041	+	C	1 chr19:40230316-40233951
## 873	chr19 40233042	+	C	1 chr19:40230316-40233951
## 874	chr19 40233043	+	A	1 chr19:40230316-40233951
## 875	chr19 40233044	+	G	1 chr19:40230316-40233951
## 876	chr19 40233045	+	C	1 chr19:40230316-40233951
## 877	chr19 40233046	+	C	1 chr19:40230316-40233951
## 878	chr19 40233047	+	C	1 chr19:40230316-40233951
## 879	chr19 40233048	+	A	1 chr19:40230316-40233951
## 880	chr19 40233049	+	T	1 chr19:40230316-40233951
## 881	chr19 40233050	+	A	1 chr19:40230316-40233951
## 882	chr19 40233051	+	G	1 chr19:40230316-40233951
## 883	chr19 40233154	-	C	1 chr19:40230316-40233951
## 884	chr19 40233155	-	C	1 chr19:40230316-40233951
## 885	chr19 40233156	-	A	1 chr19:40230316-40233951
## 886	chr19 40233157	-	A	1 chr19:40230316-40233951
## 887	chr19 40233158	-	A	1 chr19:40230316-40233951
## 888	chr19 40233159	-	T	1 chr19:40230316-40233951
## 889	chr19 40233160	-	G	1 chr19:40230316-40233951
## 890	chr19 40233161	-	T	1 chr19:40230316-40233951
## 891	chr19 40233162	-	T	1 chr19:40230316-40233951
## 892	chr19 40233163	-	C	1 chr19:40230316-40233951
## 893	chr19 40233164	-	C	1 chr19:40230316-40233951
## 894	chr19 40233165	-	T	1 chr19:40230316-40233951
## 895	chr19 40233166	-	C	1 chr19:40230316-40233951
## 896	chr19 40233167	-	C	1 chr19:40230316-40233951
## 897	chr19 40233168	-	T	1 chr19:40230316-40233951
## 898	chr19 40233169	-	G	1 chr19:40230316-40233951
## 899	chr19 40233170	-	C	1 chr19:40230316-40233951
## 900	chr19 40233171	-	C	1 chr19:40230316-40233951
## 901	chr19 40233172	-	T	1 chr19:40230316-40233951
## 902	chr19 40233173	-	C	1 chr19:40230316-40233951
## 903	chr19 40233174	-	A	1 chr19:40230316-40233951
## 904	chr19 40233175	-	T	1 chr19:40230316-40233951
## 905	chr19 40233176	-	C	1 chr19:40230316-40233951
## 906	chr19 40233177	-	C	1 chr19:40230316-40233951
## 907	chr19 40233178	-	A	1 chr19:40230316-40233951
## 908	chr19 40233179	-	T	1 chr19:40230316-40233951
## 909	chr19 40233180	-	A	1 chr19:40230316-40233951

## 910	chr19 40233181	-	G	1	chr19:40230316-40233951
## 911	chr19 40233182	-	G	1	chr19:40230316-40233951
## 912	chr19 40233183	-	G	1	chr19:40230316-40233951
## 913	chr19 40233184	-	T	1	chr19:40230316-40233951
## 914	chr19 40233185	-	G	1	chr19:40230316-40233951
## 915	chr19 40233186	-	A	1	chr19:40230316-40233951
## 916	chr19 40233187	-	G	1	chr19:40230316-40233951
## 917	chr19 40233188	-	G	1	chr19:40230316-40233951
## 918	chr19 40233189	-	A	1	chr19:40230316-40233951
## 919	chr19 40233190	-	C	1	chr19:40230316-40233951
## 920	chr19 40233191	+	A	1	chr19:40230316-40233951
## 921	chr19 40233191	-	A	1	chr19:40230316-40233951
## 922	chr19 40233192	+	G	1	chr19:40230316-40233951
## 923	chr19 40233192	-	G	1	chr19:40230316-40233951
## 924	chr19 40233193	+	T	1	chr19:40230316-40233951
## 925	chr19 40233193	-	T	1	chr19:40230316-40233951
## 926	chr19 40233194	+	T	1	chr19:40230316-40233951
## 927	chr19 40233194	-	T	1	chr19:40230316-40233951
## 928	chr19 40233195	+	T	1	chr19:40230316-40233951
## 929	chr19 40233195	-	T	1	chr19:40230316-40233951
## 930	chr19 40233196	+	G	1	chr19:40230316-40233951
## 931	chr19 40233196	-	G	1	chr19:40230316-40233951
## 932	chr19 40233197	+	G	1	chr19:40230316-40233951
## 933	chr19 40233197	-	G	1	chr19:40230316-40233951
## 934	chr19 40233198	+	T	1	chr19:40230316-40233951
## 935	chr19 40233198	-	T	1	chr19:40230316-40233951
## 936	chr19 40233199	+	G	1	chr19:40230316-40233951
## 937	chr19 40233199	-	G	1	chr19:40230316-40233951
## 938	chr19 40233200	+	G	1	chr19:40230316-40233951
## 939	chr19 40233200	-	G	1	chr19:40230316-40233951
## 940	chr19 40233201	+	G	1	chr19:40230316-40233951
## 941	chr19 40233201	-	G	1	chr19:40230316-40233951
## 942	chr19 40233202	+	G	1	chr19:40230316-40233951
## 943	chr19 40233202	-	G	1	chr19:40230316-40233951
## 944	chr19 40233203	+	A	1	chr19:40230316-40233951
## 945	chr19 40233203	-	A	1	chr19:40230316-40233951
## 946	chr19 40233204	+	G	4	chr19:40230316-40233951
## 947	chr19 40233204	-	G	1	chr19:40230316-40233951
## 948	chr19 40233205	+	G	4	chr19:40230316-40233951
## 949	chr19 40233205	-	G	1	chr19:40230316-40233951
## 950	chr19 40233206	+	A	4	chr19:40230316-40233951
## 951	chr19 40233206	-	A	1	chr19:40230316-40233951
## 952	chr19 40233207	+	G	4	chr19:40230316-40233951
## 953	chr19 40233207	-	G	1	chr19:40230316-40233951
## 954	chr19 40233208	+	G	5	chr19:40230316-40233951
## 955	chr19 40233208	-	G	1	chr19:40230316-40233951
## 956	chr19 40233209	+	C	5	chr19:40230316-40233951
## 957	chr19 40233209	-	C	1	chr19:40230316-40233951
## 958	chr19 40233210	+	C	4	chr19:40230316-40233951
## 959	chr19 40233210	-	C	1	chr19:40230316-40233951
## 960	chr19 40233210	+	G	1	chr19:40230316-40233951
## 961	chr19 40233211	+	G	5	chr19:40230316-40233951
## 962	chr19 40233211	-	G	1	chr19:40230316-40233951
## 963	chr19 40233212	+	G	5	chr19:40230316-40233951

## 964	chr19 40233212	-	G	1	chr19:40230316-40233951
## 965	chr19 40233213	+	A	5	chr19:40230316-40233951
## 966	chr19 40233213	-	A	1	chr19:40230316-40233951
## 967	chr19 40233214	+	C	5	chr19:40230316-40233951
## 968	chr19 40233214	-	C	1	chr19:40230316-40233951
## 969	chr19 40233215	+	C	5	chr19:40230316-40233951
## 970	chr19 40233215	-	C	1	chr19:40230316-40233951
## 971	chr19 40233216	+	A	5	chr19:40230316-40233951
## 972	chr19 40233216	-	A	1	chr19:40230316-40233951
## 973	chr19 40233217	+	G	5	chr19:40230316-40233951
## 974	chr19 40233217	-	G	1	chr19:40230316-40233951
## 975	chr19 40233218	+	G	5	chr19:40230316-40233951
## 976	chr19 40233218	-	G	1	chr19:40230316-40233951
## 977	chr19 40233219	+	A	5	chr19:40230316-40233951
## 978	chr19 40233219	-	A	1	chr19:40230316-40233951
## 979	chr19 40233220	+	G	5	chr19:40230316-40233951
## 980	chr19 40233220	-	G	1	chr19:40230316-40233951
## 981	chr19 40233221	+	G	5	chr19:40230316-40233951
## 982	chr19 40233221	-	G	1	chr19:40230316-40233951
## 983	chr19 40233222	+	C	5	chr19:40230316-40233951
## 984	chr19 40233222	-	C	1	chr19:40230316-40233951
## 985	chr19 40233223	+	G	5	chr19:40230316-40233951
## 986	chr19 40233223	-	G	1	chr19:40230316-40233951
## 987	chr19 40233224	+	G	5	chr19:40230316-40233951
## 988	chr19 40233224	-	G	1	chr19:40230316-40233951
## 989	chr19 40233225	+	C	5	chr19:40230316-40233951
## 990	chr19 40233225	-	C	1	chr19:40230316-40233951
## 991	chr19 40233226	+	A	5	chr19:40230316-40233951
## 992	chr19 40233226	-	A	1	chr19:40230316-40233951
## 993	chr19 40233227	+	C	5	chr19:40230316-40233951
## 994	chr19 40233227	-	C	1	chr19:40230316-40233951
## 995	chr19 40233228	+	C	5	chr19:40230316-40233951
## 996	chr19 40233228	-	C	1	chr19:40230316-40233951
## 997	chr19 40233229	+	C	5	chr19:40230316-40233951
## 998	chr19 40233230	+	A	5	chr19:40230316-40233951
## 999	chr19 40233231	+	G	5	chr19:40230316-40233951
## 1000	chr19 40233232	+	C	5	chr19:40230316-40233951
## 1001	chr19 40233233	+	C	5	chr19:40230316-40233951
## 1002	chr19 40233234	+	C	5	chr19:40230316-40233951
## 1003	chr19 40233235	+	G	5	chr19:40230316-40233951
## 1004	chr19 40233236	+	G	5	chr19:40230316-40233951
## 1005	chr19 40233237	+	C	5	chr19:40230316-40233951
## 1006	chr19 40233238	+	C	5	chr19:40230316-40233951
## 1007	chr19 40233239	+	A	5	chr19:40230316-40233951
## 1008	chr19 40233240	+	C	5	chr19:40230316-40233951
## 1009	chr19 40233241	+	T	6	chr19:40230316-40233951
## 1010	chr19 40233242	+	C	6	chr19:40230316-40233951
## 1011	chr19 40233243	+	C	6	chr19:40230316-40233951
## 1012	chr19 40233244	+	T	6	chr19:40230316-40233951
## 1013	chr19 40233245	+	G	7	chr19:40230316-40233951
## 1014	chr19 40233246	+	G	7	chr19:40230316-40233951
## 1015	chr19 40233247	+	T	7	chr19:40230316-40233951
## 1016	chr19 40233248	+	T	7	chr19:40230316-40233951
## 1017	chr19 40233249	+	C	7	chr19:40230316-40233951

## 1018	chr19 40233250	+	C	7 chr19:40230316-40233951
## 1019	chr19 40233251	+	C	7 chr19:40230316-40233951
## 1020	chr19 40233252	+	C	7 chr19:40230316-40233951
## 1021	chr19 40233253	+	A	7 chr19:40230316-40233951
## 1022	chr19 40233254	+	T	7 chr19:40230316-40233951
## 1023	chr19 40233255	+	G	7 chr19:40230316-40233951
## 1024	chr19 40233256	+	G	7 chr19:40230316-40233951
## 1025	chr19 40233257	+	T	7 chr19:40230316-40233951
## 1026	chr19 40233258	+	A	7 chr19:40230316-40233951
## 1027	chr19 40233259	+	C	7 chr19:40230316-40233951
## 1028	chr19 40233260	+	A	7 chr19:40230316-40233951
## 1029	chr19 40233261	+	G	7 chr19:40230316-40233951
## 1030	chr19 40233262	+	A	7 chr19:40230316-40233951
## 1031	chr19 40233263	+	T	7 chr19:40230316-40233951
## 1032	chr19 40233264	+	C	7 chr19:40230316-40233951
## 1033	chr19 40233265	+	C	7 chr19:40230316-40233951
## 1034	chr19 40233266	+	T	6 chr19:40230316-40233951
## 1035	chr19 40233267	+	A	6 chr19:40230316-40233951
## 1036	chr19 40233268	+	G	6 chr19:40230316-40233951
## 1037	chr19 40233269	+	G	6 chr19:40230316-40233951
## 1038	chr19 40233270	+	A	6 chr19:40230316-40233951
## 1039	chr19 40233271	+	T	6 chr19:40230316-40233951
## 1040	chr19 40233272	+	C	6 chr19:40230316-40233951
## 1041	chr19 40233273	+	T	6 chr19:40230316-40233951
## 1042	chr19 40233274	+	G	6 chr19:40230316-40233951
## 1043	chr19 40233275	+	A	6 chr19:40230316-40233951
## 1044	chr19 40233276	+	C	6 chr19:40230316-40233951
## 1045	chr19 40233277	+	T	6 chr19:40230316-40233951
## 1046	chr19 40233278	+	C	5 chr19:40230316-40233951
## 1047	chr19 40233279	+	C	3 chr19:40230316-40233951
## 1048	chr19 40233280	+	A	3 chr19:40230316-40233951
## 1049	chr19 40233281	+	T	3 chr19:40230316-40233951
## 1050	chr19 40233282	+	T	3 chr19:40230316-40233951
## 1051	chr19 40233283	+	C	2 chr19:40230316-40233951
## 1052	chr19 40233284	+	A	2 chr19:40230316-40233951
## 1053	chr19 40233285	+	C	2 chr19:40230316-40233951
## 1054	chr19 40233286	+	C	2 chr19:40230316-40233951
## 1055	chr19 40233287	+	A	2 chr19:40230316-40233951
## 1056	chr19 40233288	+	G	2 chr19:40230316-40233951
## 1057	chr19 40233289	+	G	2 chr19:40230316-40233951
## 1058	chr19 40233290	+	G	2 chr19:40230316-40233951
## 1059	chr19 40233291	+	A	2 chr19:40230316-40233951
## 1060	chr19 40233292	+	G	2 chr19:40230316-40233951
## 1061	chr19 40233293	+	C	2 chr19:40230316-40233951
## 1062	chr19 40233294	+	A	2 chr19:40230316-40233951
## 1063	chr19 40233295	+	G	2 chr19:40230316-40233951
## 1064	chr19 40233296	+	C	2 chr19:40230316-40233951
## 1065	chr19 40233297	+	C	2 chr19:40230316-40233951
## 1066	chr19 40233298	+	C	2 chr19:40230316-40233951
## 1067	chr19 40233299	+	T	2 chr19:40230316-40233951
## 1068	chr19 40233300	+	A	2 chr19:40230316-40233951
## 1069	chr19 40233301	+	A	2 chr19:40230316-40233951
## 1070	chr19 40233302	+	C	3 chr19:40230316-40233951
## 1071	chr19 40233303	+	C	3 chr19:40230316-40233951

## 1072	chr19 40233304	+	C	3	chr19:40230316-40233951
## 1073	chr19 40233305	+	C	3	chr19:40230316-40233951
## 1074	chr19 40233306	+	C	3	chr19:40230316-40233951
## 1075	chr19 40233307	+	A	3	chr19:40230316-40233951
## 1076	chr19 40233308	+	G	8	chr19:40230316-40233951
## 1077	chr19 40233309	+	C	9	chr19:40230316-40233951
## 1078	chr19 40233310	+	C	9	chr19:40230316-40233951
## 1079	chr19 40233311	+	C	9	chr19:40230316-40233951
## 1080	chr19 40233312	+	T	9	chr19:40230316-40233951
## 1081	chr19 40233313	+	G	12	chr19:40230316-40233951
## 1082	chr19 40233314	+	C	14	chr19:40230316-40233951
## 1083	chr19 40233315	+	A	14	chr19:40230316-40233951
## 1084	chr19 40233316	+	G	17	chr19:40230316-40233951
## 1085	chr19 40233317	+	C	19	chr19:40230316-40233951
## 1086	chr19 40233318	+	T	23	chr19:40230316-40233951
## 1087	chr19 40233319	+	C	21	chr19:40230316-40233951
## 1088	chr19 40233319	+	T	2	chr19:40230316-40233951
## 1089	chr19 40233320	+	C	22	chr19:40230316-40233951
## 1090	chr19 40233321	+	C	22	chr19:40230316-40233951
## 1091	chr19 40233322	+	A	23	chr19:40230316-40233951
## 1092	chr19 40233323	+	A	27	chr19:40230316-40233951
## 1093	chr19 40233324	+	G	27	chr19:40230316-40233951
## 1094	chr19 40233325	+	G	27	chr19:40230316-40233951
## 1095	chr19 40233326	+	G	27	chr19:40230316-40233951
## 1096	chr19 40233327	+	C	27	chr19:40230316-40233951
## 1097	chr19 40233328	+	C	27	chr19:40230316-40233951
## 1098	chr19 40233329	+	C	28	chr19:40230316-40233951
## 1099	chr19 40233330	+	C	28	chr19:40230316-40233951
## 1100	chr19 40233331	+	T	28	chr19:40230316-40233951
## 1101	chr19 40233332	+	G	29	chr19:40230316-40233951
## 1102	chr19 40233333	+	C	33	chr19:40230316-40233951
## 1103	chr19 40233334	+	C	36	chr19:40230316-40233951
## 1104	chr19 40233335	+	T	39	chr19:40230316-40233951
## 1105	chr19 40233336	+	G	40	chr19:40230316-40233951
## 1106	chr19 40233337	+	C	40	chr19:40230316-40233951
## 1107	chr19 40233338	+	C	42	chr19:40230316-40233951
## 1108	chr19 40233339	+	C	46	chr19:40230316-40233951
## 1109	chr19 40233340	+	C	46	chr19:40230316-40233951
## 1110	chr19 40233341	+	T	46	chr19:40230316-40233951
## 1111	chr19 40233342	+	-	1	chr19:40230316-40233951
## 1112	chr19 40233342	+	G	48	chr19:40230316-40233951
## 1113	chr19 40233343	+	-	1	chr19:40230316-40233951
## 1114	chr19 40233343	+	G	53	chr19:40230316-40233951
## 1115	chr19 40233344	+	A	55	chr19:40230316-40233951
## 1116	chr19 40233345	+	C	58	chr19:40230316-40233951
## 1117	chr19 40233346	+	A	63	chr19:40230316-40233951
## 1118	chr19 40233347	+	T	67	chr19:40230316-40233951
## 1119	chr19 40233348	+	T	75	chr19:40230316-40233951
## 1120	chr19 40233349	+	A	74	chr19:40230316-40233951
## 1121	chr19 40233349	+	T	1	chr19:40230316-40233951
## 1122	chr19 40233350	+	T	78	chr19:40230316-40233951
## 1123	chr19 40233351	+	T	78	chr19:40230316-40233951
## 1124	chr19 40233352	+	G	78	chr19:40230316-40233951
## 1125	chr19 40233353	+	C	80	chr19:40230316-40233951

## 1126	chr19 40233354	+	T	83	chr19:40230316-40233951
## 1127	chr19 40233355	+	T	84	chr19:40230316-40233951
## 1128	chr19 40233356	+	T	84	chr19:40230316-40233951
## 1129	chr19 40233357	+	T	84	chr19:40230316-40233951
## 1130	chr19 40233358	+	C	84	chr19:40230316-40233951
## 1131	chr19 40233359	+	T	85	chr19:40230316-40233951
## 1132	chr19 40233360	+	G	88	chr19:40230316-40233951
## 1133	chr19 40233361	+	C	92	chr19:40230316-40233951
## 1134	chr19 40233362	+	C	96	chr19:40230316-40233951
## 1135	chr19 40233363	+	C	97	chr19:40230316-40233951
## 1136	chr19 40233364	+	C	98	chr19:40230316-40233951
## 1137	chr19 40233365	+	C	99	chr19:40230316-40233951
## 1138	chr19 40233366	+	A	102	chr19:40230316-40233951
## 1139	chr19 40233367	+	T	109	chr19:40230316-40233951
## 1140	chr19 40233368	+	A	109	chr19:40230316-40233951
## 1141	chr19 40233369	+	G	112	chr19:40230316-40233951
## 1142	chr19 40233370	+	G	112	chr19:40230316-40233951
## 1143	chr19 40233371	+	G	116	chr19:40230316-40233951
## 1144	chr19 40233372	+	G	120	chr19:40230316-40233951
## 1145	chr19 40233373	+	G	122	chr19:40230316-40233951
## 1146	chr19 40233374	+	A	123	chr19:40230316-40233951
## 1147	chr19 40233375	+	C	128	chr19:40230316-40233951
## 1148	chr19 40233376	+	A	127	chr19:40230316-40233951
## 1149	chr19 40233377	+	G	131	chr19:40230316-40233951
## 1150	chr19 40233378	+	C	136	chr19:40230316-40233951
## 1151	chr19 40233379	+	G	145	chr19:40230316-40233951
## 1152	chr19 40233380	+	G	149	chr19:40230316-40233951
## 1153	chr19 40233381	+	G	153	chr19:40230316-40233951
## 1154	chr19 40233382	+	T	156	chr19:40230316-40233951
## 1155	chr19 40233383	+	G	153	chr19:40230316-40233951
## 1156	chr19 40233383	-	G	1	chr19:40230316-40233951
## 1157	chr19 40233384	+	G	167	chr19:40230316-40233951
## 1158	chr19 40233384	-	G	1	chr19:40230316-40233951
## 1159	chr19 40233385	+	G	177	chr19:40230316-40233951
## 1160	chr19 40233385	-	G	1	chr19:40230316-40233951
## 1161	chr19 40233386	+	G	196	chr19:40230316-40233951
## 1162	chr19 40233386	-	G	1	chr19:40230316-40233951
## 1163	chr19 40233387	+	G	199	chr19:40230316-40233951
## 1164	chr19 40233387	-	G	1	chr19:40230316-40233951
## 1165	chr19 40233388	+	A	197	chr19:40230316-40233951
## 1166	chr19 40233388	-	A	1	chr19:40230316-40233951
## 1167	chr19 40233389	+	T	197	chr19:40230316-40233951
## 1168	chr19 40233389	-	T	1	chr19:40230316-40233951
## 1169	chr19 40233390	+	T	197	chr19:40230316-40233951
## 1170	chr19 40233390	-	T	1	chr19:40230316-40233951
## 1171	chr19 40233391	+	G	196	chr19:40230316-40233951
## 1172	chr19 40233391	-	G	1	chr19:40230316-40233951
## 1173	chr19 40233392	+	C	1	chr19:40230316-40233951
## 1174	chr19 40233392	+	G	194	chr19:40230316-40233951
## 1175	chr19 40233392	-	G	1	chr19:40230316-40233951
## 1176	chr19 40233393	+	A	191	chr19:40230316-40233951
## 1177	chr19 40233393	-	A	1	chr19:40230316-40233951
## 1178	chr19 40233393	+	C	1	chr19:40230316-40233951
## 1179	chr19 40233394	+	C	197	chr19:40230316-40233951

## 1180	chr19 40233394	-	C	1	chr19:40230316-40233951
## 1181	chr19 40233395	+	C	194	chr19:40230316-40233951
## 1182	chr19 40233395	-	C	1	chr19:40230316-40233951
## 1183	chr19 40233395	+	T	3	chr19:40230316-40233951
## 1184	chr19 40233396	+	G	198	chr19:40230316-40233951
## 1185	chr19 40233396	-	G	1	chr19:40230316-40233951
## 1186	chr19 40233397	+	C	205	chr19:40230316-40233951
## 1187	chr19 40233397	-	C	1	chr19:40230316-40233951
## 1188	chr19 40233398	+	C	206	chr19:40230316-40233951
## 1189	chr19 40233398	-	C	1	chr19:40230316-40233951
## 1190	chr19 40233399	+	C	206	chr19:40230316-40233951
## 1191	chr19 40233399	-	C	1	chr19:40230316-40233951
## 1192	chr19 40233400	+	C	206	chr19:40230316-40233951
## 1193	chr19 40233400	-	C	1	chr19:40230316-40233951
## 1194	chr19 40233401	+	A	2	chr19:40230316-40233951
## 1195	chr19 40233401	+	G	212	chr19:40230316-40233951
## 1196	chr19 40233401	-	G	1	chr19:40230316-40233951
## 1197	chr19 40233402	+	T	218	chr19:40230316-40233951
## 1198	chr19 40233402	-	T	1	chr19:40230316-40233951
## 1199	chr19 40233403	+	G	225	chr19:40230316-40233951
## 1200	chr19 40233403	-	G	1	chr19:40230316-40233951
## 1201	chr19 40233404	+	C	229	chr19:40230316-40233951
## 1202	chr19 40233404	-	C	1	chr19:40230316-40233951
## 1203	chr19 40233405	+	C	233	chr19:40230316-40233951
## 1204	chr19 40233405	-	C	1	chr19:40230316-40233951
## 1205	chr19 40233406	+	T	235	chr19:40230316-40233951
## 1206	chr19 40233406	-	T	1	chr19:40230316-40233951
## 1207	chr19 40233407	+	G	236	chr19:40230316-40233951
## 1208	chr19 40233407	-	G	1	chr19:40230316-40233951
## 1209	chr19 40233408	+	G	233	chr19:40230316-40233951
## 1210	chr19 40233408	-	G	1	chr19:40230316-40233951
## 1211	chr19 40233409	+	C	233	chr19:40230316-40233951
## 1212	chr19 40233409	-	C	1	chr19:40230316-40233951
## 1213	chr19 40233410	+	C	230	chr19:40230316-40233951
## 1214	chr19 40233410	-	C	3	chr19:40230316-40233951
## 1215	chr19 40233411	+	A	233	chr19:40230316-40233951
## 1216	chr19 40233411	-	A	3	chr19:40230316-40233951
## 1217	chr19 40233411	+	T	1	chr19:40230316-40233951
## 1218	chr19 40233412	+	C	241	chr19:40230316-40233951
## 1219	chr19 40233412	-	C	3	chr19:40230316-40233951
## 1220	chr19 40233413	+	T	246	chr19:40230316-40233951
## 1221	chr19 40233413	-	T	3	chr19:40230316-40233951
## 1222	chr19 40233414	+	C	243	chr19:40230316-40233951
## 1223	chr19 40233414	-	C	3	chr19:40230316-40233951
## 1224	chr19 40233415	+	A	1	chr19:40230316-40233951
## 1225	chr19 40233415	+	C	247	chr19:40230316-40233951
## 1226	chr19 40233415	-	C	3	chr19:40230316-40233951
## 1227	chr19 40233416	+	G	249	chr19:40230316-40233951
## 1228	chr19 40233416	-	G	3	chr19:40230316-40233951
## 1229	chr19 40233417	+	A	245	chr19:40230316-40233951
## 1230	chr19 40233417	-	A	3	chr19:40230316-40233951
## 1231	chr19 40233417	+	C	1	chr19:40230316-40233951
## 1232	chr19 40233418	+	G	244	chr19:40230316-40233951
## 1233	chr19 40233418	-	G	3	chr19:40230316-40233951

## 1234	chr19 40233419	+	C	247	chr19:40230316-40233951
## 1235	chr19 40233419	-	C	3	chr19:40230316-40233951
## 1236	chr19 40233420	+	C	245	chr19:40230316-40233951
## 1237	chr19 40233420	-	C	3	chr19:40230316-40233951
## 1238	chr19 40233421	+	C	1	chr19:40230316-40233951
## 1239	chr19 40233421	-	C	1	chr19:40230316-40233951
## 1240	chr19 40233421	+	T	242	chr19:40230316-40233951
## 1241	chr19 40233421	-	T	2	chr19:40230316-40233951
## 1242	chr19 40233422	+	A	239	chr19:40230316-40233951
## 1243	chr19 40233422	-	A	3	chr19:40230316-40233951
## 1244	chr19 40233423	+	G	240	chr19:40230316-40233951
## 1245	chr19 40233423	-	G	3	chr19:40230316-40233951
## 1246	chr19 40233424	+	G	248	chr19:40230316-40233951
## 1247	chr19 40233424	-	G	3	chr19:40230316-40233951
## 1248	chr19 40233425	+	-	1	chr19:40230316-40233951
## 1249	chr19 40233425	+	C	245	chr19:40230316-40233951
## 1250	chr19 40233425	-	C	3	chr19:40230316-40233951
## 1251	chr19 40233426	+	C	248	chr19:40230316-40233951
## 1252	chr19 40233426	-	C	3	chr19:40230316-40233951
## 1253	chr19 40233427	+	A	247	chr19:40230316-40233951
## 1254	chr19 40233427	-	A	3	chr19:40230316-40233951
## 1255	chr19 40233427	+	G	1	chr19:40230316-40233951
## 1256	chr19 40233428	+	C	247	chr19:40230316-40233951
## 1257	chr19 40233428	-	C	3	chr19:40230316-40233951
## 1258	chr19 40233429	+	G	245	chr19:40230316-40233951
## 1259	chr19 40233429	-	G	3	chr19:40230316-40233951
## 1260	chr19 40233430	+	G	248	chr19:40230316-40233951
## 1261	chr19 40233430	-	G	3	chr19:40230316-40233951
## 1262	chr19 40233431	+	G	249	chr19:40230316-40233951
## 1263	chr19 40233431	-	G	3	chr19:40230316-40233951
## 1264	chr19 40233432	+	A	1	chr19:40230316-40233951
## 1265	chr19 40233432	+	G	249	chr19:40230316-40233951
## 1266	chr19 40233432	-	G	3	chr19:40230316-40233951
## 1267	chr19 40233433	+	C	251	chr19:40230316-40233951
## 1268	chr19 40233433	-	C	3	chr19:40230316-40233951
## 1269	chr19 40233434	+	C	251	chr19:40230316-40233951
## 1270	chr19 40233434	-	C	3	chr19:40230316-40233951
## 1271	chr19 40233435	+	T	248	chr19:40230316-40233951
## 1272	chr19 40233435	-	T	3	chr19:40230316-40233951
## 1273	chr19 40233436	+	G	245	chr19:40230316-40233951
## 1274	chr19 40233436	-	G	3	chr19:40230316-40233951
## 1275	chr19 40233437	+	G	244	chr19:40230316-40233951
## 1276	chr19 40233437	-	G	3	chr19:40230316-40233951
## 1277	chr19 40233438	+	A	246	chr19:40230316-40233951
## 1278	chr19 40233438	-	A	3	chr19:40230316-40233951
## 1279	chr19 40233438	+	G	1	chr19:40230316-40233951
## 1280	chr19 40233439	+	A	247	chr19:40230316-40233951
## 1281	chr19 40233439	-	A	3	chr19:40230316-40233951
## 1282	chr19 40233440	+	G	246	chr19:40230316-40233951
## 1283	chr19 40233440	-	G	3	chr19:40230316-40233951
## 1284	chr19 40233441	+	G	246	chr19:40230316-40233951
## 1285	chr19 40233441	-	G	3	chr19:40230316-40233951
## 1286	chr19 40233442	+	C	240	chr19:40230316-40233951
## 1287	chr19 40233442	-	C	3	chr19:40230316-40233951

## 1288	chr19 40233442	+	T	1	chr19:40230316-40233951
## 1289	chr19 40233443	+	A	245	chr19:40230316-40233951
## 1290	chr19 40233443	-	A	3	chr19:40230316-40233951
## 1291	chr19 40233444	+	G	246	chr19:40230316-40233951
## 1292	chr19 40233444	-	G	3	chr19:40230316-40233951
## 1293	chr19 40233445	+	C	247	chr19:40230316-40233951
## 1294	chr19 40233445	-	C	3	chr19:40230316-40233951
## 1295	chr19 40233446	+	A	241	chr19:40230316-40233951
## 1296	chr19 40233446	-	A	3	chr19:40230316-40233951
## 1297	chr19 40233446	+	G	1	chr19:40230316-40233951
## 1298	chr19 40233447	+	C	246	chr19:40230316-40233951
## 1299	chr19 40233447	-	C	3	chr19:40230316-40233951
## 1300	chr19 40233448	+	C	245	chr19:40230316-40233951
## 1301	chr19 40233448	-	C	3	chr19:40230316-40233951
## 1302	chr19 40233449	+	A	246	chr19:40230316-40233951
## 1303	chr19 40233449	-	A	3	chr19:40230316-40233951
## 1304	chr19 40233449	+	G	1	chr19:40230316-40233951
## 1305	chr19 40233450	+	C	243	chr19:40230316-40233951
## 1306	chr19 40233450	-	C	3	chr19:40230316-40233951
## 1307	chr19 40233451	+	T	248	chr19:40230316-40233951
## 1308	chr19 40233451	-	T	3	chr19:40230316-40233951
## 1309	chr19 40233452	+	G	245	chr19:40230316-40233951
## 1310	chr19 40233452	-	G	3	chr19:40230316-40233951
## 1311	chr19 40233453	+	T	243	chr19:40230316-40233951
## 1312	chr19 40233453	-	T	3	chr19:40230316-40233951
## 1313	chr19 40233454	+	C	239	chr19:40230316-40233951
## 1314	chr19 40233454	-	C	3	chr19:40230316-40233951
## 1315	chr19 40233455	+	T	244	chr19:40230316-40233951
## 1316	chr19 40233455	-	T	3	chr19:40230316-40233951
## 1317	chr19 40233456	+	G	244	chr19:40230316-40233951
## 1318	chr19 40233456	-	G	3	chr19:40230316-40233951
## 1319	chr19 40233457	+	C	244	chr19:40230316-40233951
## 1320	chr19 40233457	-	C	2	chr19:40230316-40233951
## 1321	chr19 40233458	+	C	247	chr19:40230316-40233951
## 1322	chr19 40233458	-	C	2	chr19:40230316-40233951
## 1323	chr19 40233458	+	T	2	chr19:40230316-40233951
## 1324	chr19 40233459	+	G	237	chr19:40230316-40233951
## 1325	chr19 40233459	-	G	2	chr19:40230316-40233951
## 1326	chr19 40233460	+	G	239	chr19:40230316-40233951
## 1327	chr19 40233460	-	G	2	chr19:40230316-40233951
## 1328	chr19 40233461	+	G	230	chr19:40230316-40233951
## 1329	chr19 40233461	-	G	2	chr19:40230316-40233951
## 1330	chr19 40233462	+	T	239	chr19:40230316-40233951
## 1331	chr19 40233462	-	T	3	chr19:40230316-40233951
## 1332	chr19 40233463	+	G	243	chr19:40230316-40233951
## 1333	chr19 40233463	-	G	4	chr19:40230316-40233951
## 1334	chr19 40233464	+	T	245	chr19:40230316-40233951
## 1335	chr19 40233464	-	T	4	chr19:40230316-40233951
## 1336	chr19 40233465	+	C	242	chr19:40230316-40233951
## 1337	chr19 40233465	-	C	6	chr19:40230316-40233951
## 1338	chr19 40233465	+	T	3	chr19:40230316-40233951
## 1339	chr19 40233466	+	G	243	chr19:40230316-40233951
## 1340	chr19 40233466	-	G	6	chr19:40230316-40233951
## 1341	chr19 40233467	+	C	244	chr19:40230316-40233951

## 1342	chr19 40233467	-	C	6	chr19:40230316-40233951
## 1343	chr19 40233468	+	G	244	chr19:40230316-40233951
## 1344	chr19 40233468	-	G	6	chr19:40230316-40233951
## 1345	chr19 40233469	+	G	1	chr19:40230316-40233951
## 1346	chr19 40233469	+	T	239	chr19:40230316-40233951
## 1347	chr19 40233469	-	T	6	chr19:40230316-40233951
## 1348	chr19 40233470	+	C	244	chr19:40230316-40233951
## 1349	chr19 40233470	-	C	6	chr19:40230316-40233951
## 1350	chr19 40233470	+	T	1	chr19:40230316-40233951
## 1351	chr19 40233471	+	C	245	chr19:40230316-40233951
## 1352	chr19 40233471	-	C	6	chr19:40230316-40233951
## 1353	chr19 40233472	+	C	239	chr19:40230316-40233951
## 1354	chr19 40233472	-	C	6	chr19:40230316-40233951
## 1355	chr19 40233473	+	A	238	chr19:40230316-40233951
## 1356	chr19 40233473	-	A	6	chr19:40230316-40233951
## 1357	chr19 40233473	+	C	1	chr19:40230316-40233951
## 1358	chr19 40233474	+	C	244	chr19:40230316-40233951
## 1359	chr19 40233474	-	C	6	chr19:40230316-40233951
## 1360	chr19 40233474	+	G	1	chr19:40230316-40233951
## 1361	chr19 40233475	+	C	246	chr19:40230316-40233951
## 1362	chr19 40233475	-	C	6	chr19:40230316-40233951
## 1363	chr19 40233476	+	A	238	chr19:40230316-40233951
## 1364	chr19 40233476	-	A	6	chr19:40230316-40233951
## 1365	chr19 40233477	+	G	238	chr19:40230316-40233951
## 1366	chr19 40233477	-	G	9	chr19:40230316-40233951
## 1367	chr19 40233478	+	A	232	chr19:40230316-40233951
## 1368	chr19 40233478	-	A	9	chr19:40230316-40233951
## 1369	chr19 40233478	+	C	1	chr19:40230316-40233951
## 1370	chr19 40233479	+	A	237	chr19:40230316-40233951
## 1371	chr19 40233479	-	A	9	chr19:40230316-40233951
## 1372	chr19 40233480	+	G	238	chr19:40230316-40233951
## 1373	chr19 40233480	-	G	9	chr19:40230316-40233951
## 1374	chr19 40233481	+	G	240	chr19:40230316-40233951
## 1375	chr19 40233481	-	G	9	chr19:40230316-40233951
## 1376	chr19 40233482	+	C	239	chr19:40230316-40233951
## 1377	chr19 40233482	-	C	9	chr19:40230316-40233951
## 1378	chr19 40233482	+	T	1	chr19:40230316-40233951
## 1379	chr19 40233483	+	A	241	chr19:40230316-40233951
## 1380	chr19 40233483	-	A	9	chr19:40230316-40233951
## 1381	chr19 40233484	+	G	240	chr19:40230316-40233951
## 1382	chr19 40233484	-	G	9	chr19:40230316-40233951
## 1383	chr19 40233485	+	C	241	chr19:40230316-40233951
## 1384	chr19 40233485	-	C	7	chr19:40230316-40233951
## 1385	chr19 40233486	+	C	239	chr19:40230316-40233951
## 1386	chr19 40233486	-	C	7	chr19:40230316-40233951
## 1387	chr19 40233487	+	T	237	chr19:40230316-40233951
## 1388	chr19 40233487	-	T	7	chr19:40230316-40233951
## 1389	chr19 40233488	+	T	238	chr19:40230316-40233951
## 1390	chr19 40233488	-	T	7	chr19:40230316-40233951
## 1391	chr19 40233489	+	C	242	chr19:40230316-40233951
## 1392	chr19 40233489	-	C	7	chr19:40230316-40233951
## 1393	chr19 40233489	+	T	1	chr19:40230316-40233951
## 1394	chr19 40233490	+	G	239	chr19:40230316-40233951
## 1395	chr19 40233490	-	G	7	chr19:40230316-40233951

## 1396	chr19 40233491	+	T	242	chr19:40230316-40233951
## 1397	chr19 40233491	-	T	7	chr19:40230316-40233951
## 1398	chr19 40233492	+	C	244	chr19:40230316-40233951
## 1399	chr19 40233492	-	C	7	chr19:40230316-40233951
## 1400	chr19 40233493	+	C	243	chr19:40230316-40233951
## 1401	chr19 40233493	-	C	7	chr19:40230316-40233951
## 1402	chr19 40233494	+	A	240	chr19:40230316-40233951
## 1403	chr19 40233494	-	A	7	chr19:40230316-40233951
## 1404	chr19 40233495	+	G	243	chr19:40230316-40233951
## 1405	chr19 40233495	-	G	7	chr19:40230316-40233951
## 1406	chr19 40233496	+	A	240	chr19:40230316-40233951
## 1407	chr19 40233496	-	A	7	chr19:40230316-40233951
## 1408	chr19 40233496	+	G	1	chr19:40230316-40233951
## 1409	chr19 40233497	+	T	244	chr19:40230316-40233951
## 1410	chr19 40233497	-	T	7	chr19:40230316-40233951
## 1411	chr19 40233498	+	G	237	chr19:40230316-40233951
## 1412	chr19 40233498	-	G	7	chr19:40230316-40233951
## 1413	chr19 40233499	+	C	236	chr19:40230316-40233951
## 1414	chr19 40233499	-	C	7	chr19:40230316-40233951
## 1415	chr19 40233500	+	A	243	chr19:40230316-40233951
## 1416	chr19 40233500	-	A	7	chr19:40230316-40233951
## 1417	chr19 40233501	+	G	242	chr19:40230316-40233951
## 1418	chr19 40233501	-	G	7	chr19:40230316-40233951
## 1419	chr19 40233502	+	C	243	chr19:40230316-40233951
## 1420	chr19 40233502	-	C	7	chr19:40230316-40233951
## 1421	chr19 40233503	+	A	243	chr19:40230316-40233951
## 1422	chr19 40233503	-	A	7	chr19:40230316-40233951
## 1423	chr19 40233504	+	G	243	chr19:40230316-40233951
## 1424	chr19 40233504	-	G	7	chr19:40230316-40233951
## 1425	chr19 40233505	+	C	241	chr19:40230316-40233951
## 1426	chr19 40233505	-	C	7	chr19:40230316-40233951
## 1427	chr19 40233506	+	G	243	chr19:40230316-40233951
## 1428	chr19 40233506	-	G	7	chr19:40230316-40233951
## 1429	chr19 40233507	+	C	240	chr19:40230316-40233951
## 1430	chr19 40233507	-	C	7	chr19:40230316-40233951
## 1431	chr19 40233507	+	T	3	chr19:40230316-40233951
## 1432	chr19 40233508	+	G	243	chr19:40230316-40233951
## 1433	chr19 40233508	-	G	7	chr19:40230316-40233951
## 1434	chr19 40233509	+	G	243	chr19:40230316-40233951
## 1435	chr19 40233509	-	G	7	chr19:40230316-40233951
## 1436	chr19 40233510	+	A	242	chr19:40230316-40233951
## 1437	chr19 40233510	-	A	7	chr19:40230316-40233951
## 1438	chr19 40233511	+	G	243	chr19:40230316-40233951
## 1439	chr19 40233511	-	G	7	chr19:40230316-40233951
## 1440	chr19 40233512	+	G	242	chr19:40230316-40233951
## 1441	chr19 40233512	-	G	7	chr19:40230316-40233951
## 1442	chr19 40233513	+	C	240	chr19:40230316-40233951
## 1443	chr19 40233513	-	C	7	chr19:40230316-40233951
## 1444	chr19 40233514	+	A	243	chr19:40230316-40233951
## 1445	chr19 40233514	-	A	7	chr19:40230316-40233951
## 1446	chr19 40233515	+	G	244	chr19:40230316-40233951
## 1447	chr19 40233515	-	G	7	chr19:40230316-40233951
## 1448	chr19 40233516	+	A	238	chr19:40230316-40233951
## 1449	chr19 40233516	-	A	7	chr19:40230316-40233951

## 1450	chr19 40233516	+	C	2	chr19:40230316-40233951
## 1451	chr19 40233517	+	C	244	chr19:40230316-40233951
## 1452	chr19 40233517	-	C	7	chr19:40230316-40233951
## 1453	chr19 40233518	+	A	239	chr19:40230316-40233951
## 1454	chr19 40233518	-	A	7	chr19:40230316-40233951
## 1455	chr19 40233518	+	T	1	chr19:40230316-40233951
## 1456	chr19 40233519	+	C	241	chr19:40230316-40233951
## 1457	chr19 40233519	-	C	7	chr19:40230316-40233951
## 1458	chr19 40233520	+	C	242	chr19:40230316-40233951
## 1459	chr19 40233520	-	C	7	chr19:40230316-40233951
## 1460	chr19 40233521	+	A	239	chr19:40230316-40233951
## 1461	chr19 40233521	-	A	7	chr19:40230316-40233951
## 1462	chr19 40233521	+	G	1	chr19:40230316-40233951
## 1463	chr19 40233522	+	G	241	chr19:40230316-40233951
## 1464	chr19 40233522	-	G	7	chr19:40230316-40233951
## 1465	chr19 40233523	+	C	243	chr19:40230316-40233951
## 1466	chr19 40233523	-	C	7	chr19:40230316-40233951
## 1467	chr19 40233524	+	A	240	chr19:40230316-40233951
## 1468	chr19 40233524	-	A	7	chr19:40230316-40233951
## 1469	chr19 40233525	+	C	243	chr19:40230316-40233951
## 1470	chr19 40233525	-	C	7	chr19:40230316-40233951
## 1471	chr19 40233526	+	G	238	chr19:40230316-40233951
## 1472	chr19 40233526	-	G	7	chr19:40230316-40233951
## 1473	chr19 40233527	+	A	242	chr19:40230316-40233951
## 1474	chr19 40233527	-	A	7	chr19:40230316-40233951
## 1475	chr19 40233528	+	C	242	chr19:40230316-40233951
## 1476	chr19 40233528	-	C	7	chr19:40230316-40233951
## 1477	chr19 40233529	+	A	236	chr19:40230316-40233951
## 1478	chr19 40233529	-	A	7	chr19:40230316-40233951
## 1479	chr19 40233529	+	C	2	chr19:40230316-40233951
## 1480	chr19 40233530	+	C	237	chr19:40230316-40233951
## 1481	chr19 40233530	-	C	7	chr19:40230316-40233951
## 1482	chr19 40233531	+	C	235	chr19:40230316-40233951
## 1483	chr19 40233531	-	C	11	chr19:40230316-40233951
## 1484	chr19 40233531	+	T	1	chr19:40230316-40233951
## 1485	chr19 40233532	+	C	234	chr19:40230316-40233951
## 1486	chr19 40233532	-	C	13	chr19:40230316-40233951
## 1487	chr19 40233533	+	A	233	chr19:40230316-40233951
## 1488	chr19 40233533	-	A	13	chr19:40230316-40233951
## 1489	chr19 40233534	+	G	236	chr19:40230316-40233951
## 1490	chr19 40233534	-	G	13	chr19:40230316-40233951
## 1491	chr19 40233535	+	G	227	chr19:40230316-40233951
## 1492	chr19 40233535	-	G	13	chr19:40230316-40233951
## 1493	chr19 40233536	+	C	228	chr19:40230316-40233951
## 1494	chr19 40233536	-	C	13	chr19:40230316-40233951
## 1495	chr19 40233537	+	C	218	chr19:40230316-40233951
## 1496	chr19 40233537	-	C	16	chr19:40230316-40233951
## 1497	chr19 40233538	+	A	216	chr19:40230316-40233951
## 1498	chr19 40233538	-	A	27	chr19:40230316-40233951
## 1499	chr19 40233539	+	G	213	chr19:40230316-40233951
## 1500	chr19 40233539	-	G	33	chr19:40230316-40233951
## 1501	chr19 40233540	+	A	213	chr19:40230316-40233951
## 1502	chr19 40233540	-	A	36	chr19:40230316-40233951
## 1503	chr19 40233541	+	A	213	chr19:40230316-40233951

## 1504	chr19 40233541	-	A	36	chr19:40230316-40233951
## 1505	chr19 40233542	+	A	213	chr19:40230316-40233951
## 1506	chr19 40233542	-	A	36	chr19:40230316-40233951
## 1507	chr19 40233543	+	C	215	chr19:40230316-40233951
## 1508	chr19 40233543	-	C	36	chr19:40230316-40233951
## 1509	chr19 40233544	+	T	215	chr19:40230316-40233951
## 1510	chr19 40233544	-	T	36	chr19:40230316-40233951
## 1511	chr19 40233545	+	A	2	chr19:40230316-40233951
## 1512	chr19 40233545	+	C	210	chr19:40230316-40233951
## 1513	chr19 40233545	-	C	36	chr19:40230316-40233951
## 1514	chr19 40233546	+	A	213	chr19:40230316-40233951
## 1515	chr19 40233546	-	A	36	chr19:40230316-40233951
## 1516	chr19 40233546	+	G	1	chr19:40230316-40233951
## 1517	chr19 40233547	+	A	1	chr19:40230316-40233951
## 1518	chr19 40233547	+	G	213	chr19:40230316-40233951
## 1519	chr19 40233547	-	G	36	chr19:40230316-40233951
## 1520	chr19 40233548	+	G	209	chr19:40230316-40233951
## 1521	chr19 40233548	-	G	36	chr19:40230316-40233951
## 1522	chr19 40233549	+	A	1	chr19:40230316-40233951
## 1523	chr19 40233549	+	C	204	chr19:40230316-40233951
## 1524	chr19 40233549	-	C	40	chr19:40230316-40233951
## 1525	chr19 40233550	+	A	210	chr19:40230316-40233951
## 1526	chr19 40233550	-	A	40	chr19:40230316-40233951
## 1527	chr19 40233551	+	G	208	chr19:40230316-40233951
## 1528	chr19 40233551	-	G	40	chr19:40230316-40233951
## 1529	chr19 40233552	+	G	208	chr19:40230316-40233951
## 1530	chr19 40233552	-	G	37	chr19:40230316-40233951
## 1531	chr19 40233553	+	C	209	chr19:40230316-40233951
## 1532	chr19 40233553	-	C	38	chr19:40230316-40233951
## 1533	chr19 40233554	+	C	202	chr19:40230316-40233951
## 1534	chr19 40233554	-	C	40	chr19:40230316-40233951
## 1535	chr19 40233555	+	C	203	chr19:40230316-40233951
## 1536	chr19 40233555	-	C	43	chr19:40230316-40233951
## 1537	chr19 40233556	+	C	201	chr19:40230316-40233951
## 1538	chr19 40233556	-	C	46	chr19:40230316-40233951
## 1539	chr19 40233557	+	A	203	chr19:40230316-40233951
## 1540	chr19 40233557	-	A	46	chr19:40230316-40233951
## 1541	chr19 40233558	+	G	203	chr19:40230316-40233951
## 1542	chr19 40233558	-	G	46	chr19:40230316-40233951
## 1543	chr19 40233559	+	G	204	chr19:40230316-40233951
## 1544	chr19 40233559	-	G	46	chr19:40230316-40233951
## 1545	chr19 40233560	+	C	203	chr19:40230316-40233951
## 1546	chr19 40233560	-	C	46	chr19:40230316-40233951
## 1547	chr19 40233561	+	G	202	chr19:40230316-40233951
## 1548	chr19 40233561	-	G	46	chr19:40230316-40233951
## 1549	chr19 40233562	+	C	199	chr19:40230316-40233951
## 1550	chr19 40233562	-	C	47	chr19:40230316-40233951
## 1551	chr19 40233563	+	C	197	chr19:40230316-40233951
## 1552	chr19 40233563	-	C	47	chr19:40230316-40233951
## 1553	chr19 40233564	+	A	193	chr19:40230316-40233951
## 1554	chr19 40233564	-	A	51	chr19:40230316-40233951
## 1555	chr19 40233565	+	T	200	chr19:40230316-40233951
## 1556	chr19 40233565	-	T	50	chr19:40230316-40233951
## 1557	chr19 40233566	+	G	196	chr19:40230316-40233951

## 1558	chr19 40233566	-	G	50	chr19:40230316-40233951
## 1559	chr19 40233567	+	C	199	chr19:40230316-40233951
## 1560	chr19 40233567	-	C	50	chr19:40230316-40233951
## 1561	chr19 40233568	+	T	200	chr19:40230316-40233951
## 1562	chr19 40233568	-	T	50	chr19:40230316-40233951
## 1563	chr19 40233569	+	T	200	chr19:40230316-40233951
## 1564	chr19 40233569	-	T	50	chr19:40230316-40233951
## 1565	chr19 40233570	+	C	197	chr19:40230316-40233951
## 1566	chr19 40233570	-	C	50	chr19:40230316-40233951
## 1567	chr19 40233571	+	A	199	chr19:40230316-40233951
## 1568	chr19 40233571	-	A	50	chr19:40230316-40233951
## 1569	chr19 40233572	+	C	199	chr19:40230316-40233951
## 1570	chr19 40233572	-	C	50	chr19:40230316-40233951
## 1571	chr19 40233573	+	C	200	chr19:40230316-40233951
## 1572	chr19 40233573	-	C	50	chr19:40230316-40233951
## 1573	chr19 40233574	+	C	194	chr19:40230316-40233951
## 1574	chr19 40233574	-	C	50	chr19:40230316-40233951
## 1575	chr19 40233575	+	C	195	chr19:40230316-40233951
## 1576	chr19 40233575	-	C	50	chr19:40230316-40233951
## 1577	chr19 40233576	+	T	197	chr19:40230316-40233951
## 1578	chr19 40233576	-	T	53	chr19:40230316-40233951
## 1579	chr19 40233577	+	C	196	chr19:40230316-40233951
## 1580	chr19 40233577	-	C	53	chr19:40230316-40233951
## 1581	chr19 40233578	+	A	197	chr19:40230316-40233951
## 1582	chr19 40233578	-	A	53	chr19:40230316-40233951
## 1583	chr19 40233579	+	C	197	chr19:40230316-40233951
## 1584	chr19 40233579	-	C	53	chr19:40230316-40233951
## 1585	chr19 40233580	+	T	197	chr19:40230316-40233951
## 1586	chr19 40233580	-	T	53	chr19:40230316-40233951
## 1587	chr19 40233581	+	G	194	chr19:40230316-40233951
## 1588	chr19 40233581	-	G	54	chr19:40230316-40233951
## 1589	chr19 40233582	+	A	1	chr19:40230316-40233951
## 1590	chr19 40233582	+	G	194	chr19:40230316-40233951
## 1591	chr19 40233582	-	G	54	chr19:40230316-40233951
## 1592	chr19 40233582	+	T	1	chr19:40230316-40233951
## 1593	chr19 40233583	+	G	196	chr19:40230316-40233951
## 1594	chr19 40233583	-	G	54	chr19:40230316-40233951
## 1595	chr19 40233584	+	G	196	chr19:40230316-40233951
## 1596	chr19 40233584	-	G	54	chr19:40230316-40233951
## 1597	chr19 40233585	+	C	195	chr19:40230316-40233951
## 1598	chr19 40233585	-	C	55	chr19:40230316-40233951
## 1599	chr19 40233586	+	T	194	chr19:40230316-40233951
## 1600	chr19 40233586	-	T	55	chr19:40230316-40233951
## 1601	chr19 40233587	-	-	1	chr19:40230316-40233951
## 1602	chr19 40233587	+	T	195	chr19:40230316-40233951
## 1603	chr19 40233587	-	T	54	chr19:40230316-40233951
## 1604	chr19 40233588	-	-	1	chr19:40230316-40233951
## 1605	chr19 40233588	+	G	193	chr19:40230316-40233951
## 1606	chr19 40233588	-	G	54	chr19:40230316-40233951
## 1607	chr19 40233589	+	T	193	chr19:40230316-40233951
## 1608	chr19 40233589	-	T	55	chr19:40230316-40233951
## 1609	chr19 40233590	+	G	194	chr19:40230316-40233951
## 1610	chr19 40233590	-	G	55	chr19:40230316-40233951
## 1611	chr19 40233591	+	T	194	chr19:40230316-40233951

## 1612	chr19 40233591	-	T	55	chr19:40230316-40233951
## 1613	chr19 40233592	+	G	191	chr19:40230316-40233951
## 1614	chr19 40233592	-	G	57	chr19:40230316-40233951
## 1615	chr19 40233593	+	G	193	chr19:40230316-40233951
## 1616	chr19 40233593	-	G	57	chr19:40230316-40233951
## 1617	chr19 40233594	+	A	190	chr19:40230316-40233951
## 1618	chr19 40233594	-	A	57	chr19:40230316-40233951
## 1619	chr19 40233595	+	T	189	chr19:40230316-40233951
## 1620	chr19 40233595	-	T	59	chr19:40230316-40233951
## 1621	chr19 40233596	+	T	187	chr19:40230316-40233951
## 1622	chr19 40233596	-	T	61	chr19:40230316-40233951
## 1623	chr19 40233597	+	A	184	chr19:40230316-40233951
## 1624	chr19 40233597	-	A	63	chr19:40230316-40233951
## 1625	chr19 40233598	+	A	184	chr19:40230316-40233951
## 1626	chr19 40233598	-	A	64	chr19:40230316-40233951
## 1627	chr19 40233599	+	A	185	chr19:40230316-40233951
## 1628	chr19 40233599	-	A	64	chr19:40230316-40233951
## 1629	chr19 40233600	+	A	182	chr19:40230316-40233951
## 1630	chr19 40233600	-	A	64	chr19:40230316-40233951
## 1631	chr19 40233600	+	C	1	chr19:40230316-40233951
## 1632	chr19 40233601	+	C	182	chr19:40230316-40233951
## 1633	chr19 40233601	-	C	68	chr19:40230316-40233951
## 1634	chr19 40233602	+	C	175	chr19:40230316-40233951
## 1635	chr19 40233602	-	C	69	chr19:40230316-40233951
## 1636	chr19 40233602	+	T	1	chr19:40230316-40233951
## 1637	chr19 40233603	+	T	175	chr19:40230316-40233951
## 1638	chr19 40233603	-	T	74	chr19:40230316-40233951
## 1639	chr19 40233604	+	G	175	chr19:40230316-40233951
## 1640	chr19 40233604	-	G	74	chr19:40230316-40233951
## 1641	chr19 40233605	+	A	171	chr19:40230316-40233951
## 1642	chr19 40233605	-	A	73	chr19:40230316-40233951
## 1643	chr19 40233606	+	A	169	chr19:40230316-40233951
## 1644	chr19 40233606	-	A	78	chr19:40230316-40233951
## 1645	chr19 40233607	+	T	170	chr19:40230316-40233951
## 1646	chr19 40233607	-	T	77	chr19:40230316-40233951
## 1647	chr19 40233608	+	C	168	chr19:40230316-40233951
## 1648	chr19 40233608	-	C	78	chr19:40230316-40233951
## 1649	chr19 40233608	+	G	1	chr19:40230316-40233951
## 1650	chr19 40233609	-	C	1	chr19:40230316-40233951
## 1651	chr19 40233609	+	T	167	chr19:40230316-40233951
## 1652	chr19 40233609	-	T	77	chr19:40230316-40233951
## 1653	chr19 40233610	+	C	165	chr19:40230316-40233951
## 1654	chr19 40233610	-	C	82	chr19:40230316-40233951
## 1655	chr19 40233611	+	C	158	chr19:40230316-40233951
## 1656	chr19 40233611	-	C	82	chr19:40230316-40233951
## 1657	chr19 40233612	+	A	156	chr19:40230316-40233951
## 1658	chr19 40233612	-	A	78	chr19:40230316-40233951
## 1659	chr19 40233613	+	A	160	chr19:40230316-40233951
## 1660	chr19 40233613	-	A	71	chr19:40230316-40233951
## 1661	chr19 40233614	+	C	166	chr19:40230316-40233951
## 1662	chr19 40233614	-	C	77	chr19:40230316-40233951
## 1663	chr19 40233615	+	C	165	chr19:40230316-40233951
## 1664	chr19 40233615	-	C	80	chr19:40230316-40233951
## 1665	chr19 40233615	+	T	1	chr19:40230316-40233951

## 1666	chr19 40233616	+	A	1	chr19:40230316-40233951
## 1667	chr19 40233616	-	A	1	chr19:40230316-40233951
## 1668	chr19 40233616	+	G	166	chr19:40230316-40233951
## 1669	chr19 40233616	-	G	81	chr19:40230316-40233951
## 1670	chr19 40233617	+	C	167	chr19:40230316-40233951
## 1671	chr19 40233617	-	C	82	chr19:40230316-40233951
## 1672	chr19 40233618	+	C	167	chr19:40230316-40233951
## 1673	chr19 40233618	-	C	82	chr19:40230316-40233951
## 1674	chr19 40233619	+	C	166	chr19:40230316-40233951
## 1675	chr19 40233619	-	C	82	chr19:40230316-40233951
## 1676	chr19 40233620	+	A	166	chr19:40230316-40233951
## 1677	chr19 40233620	-	A	82	chr19:40230316-40233951
## 1678	chr19 40233621	+	A	165	chr19:40230316-40233951
## 1679	chr19 40233621	-	A	84	chr19:40230316-40233951
## 1680	chr19 40233622	+	A	1	chr19:40230316-40233951
## 1681	chr19 40233622	+	C	165	chr19:40230316-40233951
## 1682	chr19 40233622	-	C	84	chr19:40230316-40233951
## 1683	chr19 40233623	+	A	164	chr19:40230316-40233951
## 1684	chr19 40233623	-	A	84	chr19:40230316-40233951
## 1685	chr19 40233623	+	C	1	chr19:40230316-40233951
## 1686	chr19 40233624	+	G	165	chr19:40230316-40233951
## 1687	chr19 40233624	-	G	80	chr19:40230316-40233951
## 1688	chr19 40233625	+	C	160	chr19:40230316-40233951
## 1689	chr19 40233625	-	C	86	chr19:40230316-40233951
## 1690	chr19 40233626	+	C	161	chr19:40230316-40233951
## 1691	chr19 40233626	-	C	88	chr19:40230316-40233951
## 1692	chr19 40233626	-	T	1	chr19:40230316-40233951
## 1693	chr19 40233627	+	A	1	chr19:40230316-40233951
## 1694	chr19 40233627	+	C	158	chr19:40230316-40233951
## 1695	chr19 40233627	-	C	89	chr19:40230316-40233951
## 1696	chr19 40233628	+	A	155	chr19:40230316-40233951
## 1697	chr19 40233628	-	A	89	chr19:40230316-40233951
## 1698	chr19 40233628	-	C	1	chr19:40230316-40233951
## 1699	chr19 40233629	-	A	1	chr19:40230316-40233951
## 1700	chr19 40233629	+	G	158	chr19:40230316-40233951
## 1701	chr19 40233629	-	G	88	chr19:40230316-40233951
## 1702	chr19 40233630	+	G	156	chr19:40230316-40233951
## 1703	chr19 40233630	-	G	86	chr19:40230316-40233951
## 1704	chr19 40233631	+	C	154	chr19:40230316-40233951
## 1705	chr19 40233631	-	C	86	chr19:40230316-40233951
## 1706	chr19 40233632	+	C	154	chr19:40230316-40233951
## 1707	chr19 40233632	-	C	94	chr19:40230316-40233951
## 1708	chr19 40233633	+	A	1	chr19:40230316-40233951
## 1709	chr19 40233633	+	T	152	chr19:40230316-40233951
## 1710	chr19 40233633	-	T	96	chr19:40230316-40233951
## 1711	chr19 40233634	+	G	151	chr19:40230316-40233951
## 1712	chr19 40233634	-	G	98	chr19:40230316-40233951
## 1713	chr19 40233635	+	A	1	chr19:40230316-40233951
## 1714	chr19 40233635	+	G	150	chr19:40230316-40233951
## 1715	chr19 40233635	-	G	99	chr19:40230316-40233951
## 1716	chr19 40233636	+	G	148	chr19:40230316-40233951
## 1717	chr19 40233636	-	G	100	chr19:40230316-40233951
## 1718	chr19 40233636	+	T	1	chr19:40230316-40233951
## 1719	chr19 40233637	+	C	148	chr19:40230316-40233951

## 1720	chr19 40233637	-	C	100	chr19:40230316-40233951
## 1721	chr19 40233638	+	A	1	chr19:40230316-40233951
## 1722	chr19 40233638	-	A	1	chr19:40230316-40233951
## 1723	chr19 40233638	+	G	140	chr19:40230316-40233951
## 1724	chr19 40233638	-	G	101	chr19:40230316-40233951
## 1725	chr19 40233639	+	G	138	chr19:40230316-40233951
## 1726	chr19 40233639	-	G	106	chr19:40230316-40233951
## 1727	chr19 40233640	+	G	132	chr19:40230316-40233951
## 1728	chr19 40233640	-	G	109	chr19:40230316-40233951
## 1729	chr19 40233641	+	A	133	chr19:40230316-40233951
## 1730	chr19 40233641	-	A	115	chr19:40230316-40233951
## 1731	chr19 40233641	+	C	1	chr19:40230316-40233951
## 1732	chr19 40233642	+	G	132	chr19:40230316-40233951
## 1733	chr19 40233642	-	G	115	chr19:40230316-40233951
## 1734	chr19 40233643	+	G	131	chr19:40230316-40233951
## 1735	chr19 40233643	-	G	118	chr19:40230316-40233951
## 1736	chr19 40233644	+	T	131	chr19:40230316-40233951
## 1737	chr19 40233644	-	T	119	chr19:40230316-40233951
## 1738	chr19 40233645	+	G	130	chr19:40230316-40233951
## 1739	chr19 40233645	-	G	120	chr19:40230316-40233951
## 1740	chr19 40233646	+	G	127	chr19:40230316-40233951
## 1741	chr19 40233646	-	G	120	chr19:40230316-40233951
## 1742	chr19 40233647	+	A	126	chr19:40230316-40233951
## 1743	chr19 40233647	-	A	123	chr19:40230316-40233951
## 1744	chr19 40233648	+	G	124	chr19:40230316-40233951
## 1745	chr19 40233648	-	G	125	chr19:40230316-40233951
## 1746	chr19 40233649	-	G	1	chr19:40230316-40233951
## 1747	chr19 40233649	+	T	122	chr19:40230316-40233951
## 1748	chr19 40233649	-	T	126	chr19:40230316-40233951
## 1749	chr19 40233650	+	C	118	chr19:40230316-40233951
## 1750	chr19 40233650	-	C	128	chr19:40230316-40233951
## 1751	chr19 40233651	+	T	115	chr19:40230316-40233951
## 1752	chr19 40233651	-	T	130	chr19:40230316-40233951
## 1753	chr19 40233652	+	A	1	chr19:40230316-40233951
## 1754	chr19 40233652	+	C	1	chr19:40230316-40233951
## 1755	chr19 40233652	+	T	112	chr19:40230316-40233951
## 1756	chr19 40233652	-	T	132	chr19:40230316-40233951
## 1757	chr19 40233653	+	C	112	chr19:40230316-40233951
## 1758	chr19 40233653	-	C	137	chr19:40230316-40233951
## 1759	chr19 40233654	-	A	1	chr19:40230316-40233951
## 1760	chr19 40233654	+	C	111	chr19:40230316-40233951
## 1761	chr19 40233654	-	C	138	chr19:40230316-40233951
## 1762	chr19 40233655	+	A	109	chr19:40230316-40233951
## 1763	chr19 40233655	-	A	140	chr19:40230316-40233951
## 1764	chr19 40233656	+	A	108	chr19:40230316-40233951
## 1765	chr19 40233656	-	A	141	chr19:40230316-40233951
## 1766	chr19 40233657	+	A	104	chr19:40230316-40233951
## 1767	chr19 40233657	-	A	143	chr19:40230316-40233951
## 1768	chr19 40233658	+	T	103	chr19:40230316-40233951
## 1769	chr19 40233658	-	T	147	chr19:40230316-40233951
## 1770	chr19 40233659	+	G	103	chr19:40230316-40233951
## 1771	chr19 40233659	-	G	146	chr19:40230316-40233951
## 1772	chr19 40233660	+	C	103	chr19:40230316-40233951
## 1773	chr19 40233660	-	C	146	chr19:40230316-40233951

## 1774	chr19 40233661	+	G	102	chr19:40230316-40233951
## 1775	chr19 40233661	-	G	148	chr19:40230316-40233951
## 1776	chr19 40233662	+	A	100	chr19:40230316-40233951
## 1777	chr19 40233662	-	A	147	chr19:40230316-40233951
## 1778	chr19 40233663	+	G	100	chr19:40230316-40233951
## 1779	chr19 40233663	-	G	150	chr19:40230316-40233951
## 1780	chr19 40233664	-	G	5	chr19:40230316-40233951
## 1781	chr19 40233664	+	T	98	chr19:40230316-40233951
## 1782	chr19 40233664	-	T	145	chr19:40230316-40233951
## 1783	chr19 40233665	+	C	95	chr19:40230316-40233951
## 1784	chr19 40233665	-	C	153	chr19:40230316-40233951
## 1785	chr19 40233666	-	G	1	chr19:40230316-40233951
## 1786	chr19 40233666	+	T	93	chr19:40230316-40233951
## 1787	chr19 40233666	-	T	154	chr19:40230316-40233951
## 1788	chr19 40233667	+	G	96	chr19:40230316-40233951
## 1789	chr19 40233667	-	G	154	chr19:40230316-40233951
## 1790	chr19 40233668	+	G	94	chr19:40230316-40233951
## 1791	chr19 40233668	-	G	154	chr19:40230316-40233951
## 1792	chr19 40233669	+	G	94	chr19:40230316-40233951
## 1793	chr19 40233669	-	G	157	chr19:40230316-40233951
## 1794	chr19 40233670	+	C	92	chr19:40230316-40233951
## 1795	chr19 40233670	-	C	157	chr19:40230316-40233951
## 1796	chr19 40233671	+	A	93	chr19:40230316-40233951
## 1797	chr19 40233671	-	A	154	chr19:40230316-40233951
## 1798	chr19 40233671	-	T	1	chr19:40230316-40233951
## 1799	chr19 40233672	+	C	95	chr19:40230316-40233951
## 1800	chr19 40233672	-	C	152	chr19:40230316-40233951
## 1801	chr19 40233673	+	A	93	chr19:40230316-40233951
## 1802	chr19 40233673	-	A	154	chr19:40230316-40233951
## 1803	chr19 40233674	+	A	91	chr19:40230316-40233951
## 1804	chr19 40233674	-	A	157	chr19:40230316-40233951
## 1805	chr19 40233675	+	A	92	chr19:40230316-40233951
## 1806	chr19 40233675	-	A	156	chr19:40230316-40233951
## 1807	chr19 40233676	+	G	95	chr19:40230316-40233951
## 1808	chr19 40233676	-	G	150	chr19:40230316-40233951
## 1809	chr19 40233677	+	G	99	chr19:40230316-40233951
## 1810	chr19 40233677	-	G	150	chr19:40230316-40233951
## 1811	chr19 40233678	-	A	1	chr19:40230316-40233951
## 1812	chr19 40233678	-	G	2	chr19:40230316-40233951
## 1813	chr19 40233678	+	T	97	chr19:40230316-40233951
## 1814	chr19 40233678	-	T	143	chr19:40230316-40233951
## 1815	chr19 40233679	+	A	1	chr19:40230316-40233951
## 1816	chr19 40233679	+	G	95	chr19:40230316-40233951
## 1817	chr19 40233679	-	G	153	chr19:40230316-40233951
## 1818	chr19 40233680	+	A	95	chr19:40230316-40233951
## 1819	chr19 40233680	-	A	155	chr19:40230316-40233951
## 1820	chr19 40233681	+	G	95	chr19:40230316-40233951
## 1821	chr19 40233681	-	G	149	chr19:40230316-40233951
## 1822	chr19 40233682	+	G	94	chr19:40230316-40233951
## 1823	chr19 40233682	-	G	148	chr19:40230316-40233951
## 1824	chr19 40233683	+	C	95	chr19:40230316-40233951
## 1825	chr19 40233683	-	C	146	chr19:40230316-40233951
## 1826	chr19 40233683	-	T	1	chr19:40230316-40233951
## 1827	chr19 40233684	-	A	1	chr19:40230316-40233951

## 1828	chr19 40233684	-	G	2	chr19:40230316-40233951
## 1829	chr19 40233684	+	T	92	chr19:40230316-40233951
## 1830	chr19 40233684	-	T	146	chr19:40230316-40233951
## 1831	chr19 40233685	+	G	94	chr19:40230316-40233951
## 1832	chr19 40233685	-	G	153	chr19:40230316-40233951
## 1833	chr19 40233686	+	G	94	chr19:40230316-40233951
## 1834	chr19 40233686	-	G	152	chr19:40230316-40233951
## 1835	chr19 40233687	+	A	94	chr19:40230316-40233951
## 1836	chr19 40233687	-	A	152	chr19:40230316-40233951
## 1837	chr19 40233688	+	G	91	chr19:40230316-40233951
## 1838	chr19 40233688	-	G	150	chr19:40230316-40233951
## 1839	chr19 40233689	+	G	85	chr19:40230316-40233951
## 1840	chr19 40233689	-	G	140	chr19:40230316-40233951
## 1841	chr19 40233690	+	C	89	chr19:40230316-40233951
## 1842	chr19 40233690	-	C	133	chr19:40230316-40233951
## 1843	chr19 40233690	-	T	1	chr19:40230316-40233951
## 1844	chr19 40233691	-	G	1	chr19:40230316-40233951
## 1845	chr19 40233691	+	T	86	chr19:40230316-40233951
## 1846	chr19 40233691	-	T	131	chr19:40230316-40233951
## 1847	chr19 40233692	+	G	89	chr19:40230316-40233951
## 1848	chr19 40233692	-	G	134	chr19:40230316-40233951
## 1849	chr19 40233692	-	T	1	chr19:40230316-40233951
## 1850	chr19 40233693	+	G	88	chr19:40230316-40233951
## 1851	chr19 40233693	-	G	135	chr19:40230316-40233951
## 1852	chr19 40233694	+	A	90	chr19:40230316-40233951
## 1853	chr19 40233694	-	A	135	chr19:40230316-40233951
## 1854	chr19 40233695	+	G	88	chr19:40230316-40233951
## 1855	chr19 40233695	-	G	144	chr19:40230316-40233951
## 1856	chr19 40233696	+	G	95	chr19:40230316-40233951
## 1857	chr19 40233696	-	G	142	chr19:40230316-40233951
## 1858	chr19 40233697	+	C	94	chr19:40230316-40233951
## 1859	chr19 40233697	-	C	143	chr19:40230316-40233951
## 1860	chr19 40233697	+	G	1	chr19:40230316-40233951
## 1861	chr19 40233698	+	A	98	chr19:40230316-40233951
## 1862	chr19 40233698	-	A	142	chr19:40230316-40233951
## 1863	chr19 40233698	+	G	1	chr19:40230316-40233951
## 1864	chr19 40233699	+	C	1	chr19:40230316-40233951
## 1865	chr19 40233699	+	G	96	chr19:40230316-40233951
## 1866	chr19 40233699	-	G	145	chr19:40230316-40233951
## 1867	chr19 40233700	+	G	99	chr19:40230316-40233951
## 1868	chr19 40233700	-	G	139	chr19:40230316-40233951
## 1869	chr19 40233700	-	T	1	chr19:40230316-40233951
## 1870	chr19 40233701	+	G	101	chr19:40230316-40233951
## 1871	chr19 40233701	-	G	137	chr19:40230316-40233951
## 1872	chr19 40233702	+	G	110	chr19:40230316-40233951
## 1873	chr19 40233702	-	G	135	chr19:40230316-40233951
## 1874	chr19 40233702	-	T	1	chr19:40230316-40233951
## 1875	chr19 40233703	+	C	113	chr19:40230316-40233951
## 1876	chr19 40233703	-	C	134	chr19:40230316-40233951
## 1877	chr19 40233703	+	T	1	chr19:40230316-40233951
## 1878	chr19 40233704	-	G	2	chr19:40230316-40233951
## 1879	chr19 40233704	+	T	111	chr19:40230316-40233951
## 1880	chr19 40233704	-	T	131	chr19:40230316-40233951
## 1881	chr19 40233705	+	G	111	chr19:40230316-40233951

## 1882	chr19 40233705	-	G	135	chr19:40230316-40233951
## 1883	chr19 40233706	+	C	115	chr19:40230316-40233951
## 1884	chr19 40233706	-	C	135	chr19:40230316-40233951
## 1885	chr19 40233707	+	A	112	chr19:40230316-40233951
## 1886	chr19 40233707	-	A	127	chr19:40230316-40233951
## 1887	chr19 40233708	+	G	114	chr19:40230316-40233951
## 1888	chr19 40233708	-	G	126	chr19:40230316-40233951
## 1889	chr19 40233709	+	G	119	chr19:40230316-40233951
## 1890	chr19 40233709	-	G	124	chr19:40230316-40233951
## 1891	chr19 40233710	-	A	1	chr19:40230316-40233951
## 1892	chr19 40233710	+	G	120	chr19:40230316-40233951
## 1893	chr19 40233710	-	G	123	chr19:40230316-40233951
## 1894	chr19 40233711	+	G	122	chr19:40230316-40233951
## 1895	chr19 40233711	-	G	123	chr19:40230316-40233951
## 1896	chr19 40233712	+	C	125	chr19:40230316-40233951
## 1897	chr19 40233712	-	C	122	chr19:40230316-40233951
## 1898	chr19 40233713	+	C	125	chr19:40230316-40233951
## 1899	chr19 40233713	-	C	121	chr19:40230316-40233951
## 1900	chr19 40233714	+	G	129	chr19:40230316-40233951
## 1901	chr19 40233714	-	G	114	chr19:40230316-40233951
## 1902	chr19 40233715	+	C	129	chr19:40230316-40233951
## 1903	chr19 40233715	-	C	111	chr19:40230316-40233951
## 1904	chr19 40233716	-	G	3	chr19:40230316-40233951
## 1905	chr19 40233716	+	T	129	chr19:40230316-40233951
## 1906	chr19 40233716	-	T	102	chr19:40230316-40233951
## 1907	chr19 40233717	+	G	134	chr19:40230316-40233951
## 1908	chr19 40233717	-	G	104	chr19:40230316-40233951
## 1909	chr19 40233717	-	T	1	chr19:40230316-40233951
## 1910	chr19 40233718	+	G	137	chr19:40230316-40233951
## 1911	chr19 40233718	-	G	102	chr19:40230316-40233951
## 1912	chr19 40233719	+	G	138	chr19:40230316-40233951
## 1913	chr19 40233719	-	G	101	chr19:40230316-40233951
## 1914	chr19 40233720	+	G	139	chr19:40230316-40233951
## 1915	chr19 40233720	-	G	99	chr19:40230316-40233951
## 1916	chr19 40233720	-	T	1	chr19:40230316-40233951
## 1917	chr19 40233721	-	G	3	chr19:40230316-40233951
## 1918	chr19 40233721	+	T	141	chr19:40230316-40233951
## 1919	chr19 40233721	-	T	97	chr19:40230316-40233951
## 1920	chr19 40233722	+	G	140	chr19:40230316-40233951
## 1921	chr19 40233722	-	G	96	chr19:40230316-40233951
## 1922	chr19 40233723	-	A	1	chr19:40230316-40233951
## 1923	chr19 40233723	+	C	145	chr19:40230316-40233951
## 1924	chr19 40233723	-	C	94	chr19:40230316-40233951
## 1925	chr19 40233723	+	T	1	chr19:40230316-40233951
## 1926	chr19 40233724	+	G	147	chr19:40230316-40233951
## 1927	chr19 40233724	-	G	95	chr19:40230316-40233951
## 1928	chr19 40233725	-	G	4	chr19:40230316-40233951
## 1929	chr19 40233725	+	T	153	chr19:40230316-40233951
## 1930	chr19 40233725	-	T	90	chr19:40230316-40233951
## 1931	chr19 40233726	+	C	153	chr19:40230316-40233951
## 1932	chr19 40233726	-	C	90	chr19:40230316-40233951
## 1933	chr19 40233727	+	T	157	chr19:40230316-40233951
## 1934	chr19 40233727	-	T	87	chr19:40230316-40233951
## 1935	chr19 40233728	+	C	1	chr19:40230316-40233951

## 1936	chr19 40233728	+	G	158	chr19:40230316-40233951
## 1937	chr19 40233728	-	G	84	chr19:40230316-40233951
## 1938	chr19 40233729	+	G	162	chr19:40230316-40233951
## 1939	chr19 40233729	-	G	80	chr19:40230316-40233951
## 1940	chr19 40233730	+	G	169	chr19:40230316-40233951
## 1941	chr19 40233730	-	G	78	chr19:40230316-40233951
## 1942	chr19 40233730	-	T	1	chr19:40230316-40233951
## 1943	chr19 40233731	+	A	172	chr19:40230316-40233951
## 1944	chr19 40233731	-	A	74	chr19:40230316-40233951
## 1945	chr19 40233732	+	G	177	chr19:40230316-40233951
## 1946	chr19 40233732	-	G	70	chr19:40230316-40233951
## 1947	chr19 40233733	+	G	181	chr19:40230316-40233951
## 1948	chr19 40233733	-	G	67	chr19:40230316-40233951
## 1949	chr19 40233734	+	G	181	chr19:40230316-40233951
## 1950	chr19 40233734	-	G	67	chr19:40230316-40233951
## 1951	chr19 40233735	+	A	1	chr19:40230316-40233951
## 1952	chr19 40233735	+	G	178	chr19:40230316-40233951
## 1953	chr19 40233735	-	G	64	chr19:40230316-40233951
## 1954	chr19 40233735	+	T	2	chr19:40230316-40233951
## 1955	chr19 40233736	+	C	187	chr19:40230316-40233951
## 1956	chr19 40233736	-	C	61	chr19:40230316-40233951
## 1957	chr19 40233737	+	C	187	chr19:40230316-40233951
## 1958	chr19 40233737	-	C	61	chr19:40230316-40233951
## 1959	chr19 40233738	+	T	189	chr19:40230316-40233951
## 1960	chr19 40233738	-	T	60	chr19:40230316-40233951
## 1961	chr19 40233739	+	G	190	chr19:40230316-40233951
## 1962	chr19 40233739	-	G	60	chr19:40230316-40233951
## 1963	chr19 40233740	+	A	191	chr19:40230316-40233951
## 1964	chr19 40233740	-	A	59	chr19:40230316-40233951
## 1965	chr19 40233741	+	A	192	chr19:40230316-40233951
## 1966	chr19 40233741	-	A	55	chr19:40230316-40233951
## 1967	chr19 40233742	-	C	1	chr19:40230316-40233951
## 1968	chr19 40233742	+	G	193	chr19:40230316-40233951
## 1969	chr19 40233742	-	G	54	chr19:40230316-40233951
## 1970	chr19 40233743	+	A	195	chr19:40230316-40233951
## 1971	chr19 40233743	-	A	55	chr19:40230316-40233951
## 1972	chr19 40233744	+	A	194	chr19:40230316-40233951
## 1973	chr19 40233744	-	A	52	chr19:40230316-40233951
## 1974	chr19 40233745	+	G	199	chr19:40230316-40233951
## 1975	chr19 40233745	-	G	50	chr19:40230316-40233951
## 1976	chr19 40233745	-	T	1	chr19:40230316-40233951
## 1977	chr19 40233746	+	A	198	chr19:40230316-40233951
## 1978	chr19 40233746	-	A	50	chr19:40230316-40233951
## 1979	chr19 40233747	+	A	199	chr19:40230316-40233951
## 1980	chr19 40233747	-	A	50	chr19:40230316-40233951
## 1981	chr19 40233748	+	C	200	chr19:40230316-40233951
## 1982	chr19 40233748	-	C	47	chr19:40230316-40233951
## 1983	chr19 40233749	+	T	203	chr19:40230316-40233951
## 1984	chr19 40233749	-	T	43	chr19:40230316-40233951
## 1985	chr19 40233750	-	A	2	chr19:40230316-40233951
## 1986	chr19 40233750	+	G	205	chr19:40230316-40233951
## 1987	chr19 40233750	-	G	40	chr19:40230316-40233951
## 1988	chr19 40233751	+	G	204	chr19:40230316-40233951
## 1989	chr19 40233751	-	G	41	chr19:40230316-40233951

## 1990	chr19 40233751	-	T	1	chr19:40230316-40233951
## 1991	chr19 40233752	+	A	205	chr19:40230316-40233951
## 1992	chr19 40233752	-	A	40	chr19:40230316-40233951
## 1993	chr19 40233753	+	A	211	chr19:40230316-40233951
## 1994	chr19 40233753	-	A	36	chr19:40230316-40233951
## 1995	chr19 40233754	+	A	215	chr19:40230316-40233951
## 1996	chr19 40233754	-	A	34	chr19:40230316-40233951
## 1997	chr19 40233754	-	C	1	chr19:40230316-40233951
## 1998	chr19 40233755	+	G	216	chr19:40230316-40233951
## 1999	chr19 40233755	-	G	33	chr19:40230316-40233951
## 2000	chr19 40233756	+	G	217	chr19:40230316-40233951
## 2001	chr19 40233756	-	G	32	chr19:40230316-40233951
## 2002	chr19 40233757	+	G	216	chr19:40230316-40233951
## 2003	chr19 40233757	-	G	32	chr19:40230316-40233951
## 2004	chr19 40233758	+	G	217	chr19:40230316-40233951
## 2005	chr19 40233758	-	G	31	chr19:40230316-40233951
## 2006	chr19 40233759	+	G	220	chr19:40230316-40233951
## 2007	chr19 40233759	-	G	29	chr19:40230316-40233951
## 2008	chr19 40233760	+	T	220	chr19:40230316-40233951
## 2009	chr19 40233760	-	T	23	chr19:40230316-40233951
## 2010	chr19 40233761	-	A	1	chr19:40230316-40233951
## 2011	chr19 40233761	+	G	221	chr19:40230316-40233951
## 2012	chr19 40233761	-	G	21	chr19:40230316-40233951
## 2013	chr19 40233762	+	A	228	chr19:40230316-40233951
## 2014	chr19 40233762	-	A	21	chr19:40230316-40233951
## 2015	chr19 40233763	+	G	226	chr19:40230316-40233951
## 2016	chr19 40233763	-	G	20	chr19:40230316-40233951
## 2017	chr19 40233764	+	A	1	chr19:40230316-40233951
## 2018	chr19 40233764	+	G	230	chr19:40230316-40233951
## 2019	chr19 40233764	-	G	20	chr19:40230316-40233951
## 2020	chr19 40233765	+	A	227	chr19:40230316-40233951
## 2021	chr19 40233765	-	A	20	chr19:40230316-40233951
## 2022	chr19 40233766	+	G	231	chr19:40230316-40233951
## 2023	chr19 40233766	-	G	16	chr19:40230316-40233951
## 2024	chr19 40233767	+	G	230	chr19:40230316-40233951
## 2025	chr19 40233767	-	G	13	chr19:40230316-40233951
## 2026	chr19 40233768	+	A	1	chr19:40230316-40233951
## 2027	chr19 40233768	+	C	1	chr19:40230316-40233951
## 2028	chr19 40233768	+	T	234	chr19:40230316-40233951
## 2029	chr19 40233768	-	T	11	chr19:40230316-40233951
## 2030	chr19 40233769	+	G	236	chr19:40230316-40233951
## 2031	chr19 40233769	-	G	9	chr19:40230316-40233951
## 2032	chr19 40233769	+	T	2	chr19:40230316-40233951
## 2033	chr19 40233770	+	G	242	chr19:40230316-40233951
## 2034	chr19 40233770	-	G	2	chr19:40230316-40233951
## 2035	chr19 40233771	+	G	242	chr19:40230316-40233951
## 2036	chr19 40233771	-	G	1	chr19:40230316-40233951
## 2037	chr19 40233772	+	G	248	chr19:40230316-40233951
## 2038	chr19 40233772	-	G	1	chr19:40230316-40233951
## 2039	chr19 40233773	+	G	244	chr19:40230316-40233951
## 2040	chr19 40233773	-	G	1	chr19:40230316-40233951
## 2041	chr19 40233773	+	T	1	chr19:40230316-40233951
## 2042	chr19 40233774	+	T	248	chr19:40230316-40233951
## 2043	chr19 40233775	+	G	250	chr19:40230316-40233951

## 2044	chr19 40233776	+	G	246	chr19:40230316-40233951
## 2045	chr19 40233776	+	T	1	chr19:40230316-40233951
## 2046	chr19 40233777	+	G	242	chr19:40230316-40233951
## 2047	chr19 40233778	+	G	241	chr19:40230316-40233951
## 2048	chr19 40233779	+	A	247	chr19:40230316-40233951
## 2049	chr19 40233780	+	A	1	chr19:40230316-40233951
## 2050	chr19 40233780	+	C	247	chr19:40230316-40233951
## 2051	chr19 40233781	+	A	247	chr19:40230316-40233951
## 2052	chr19 40233782	+	A	1	chr19:40230316-40233951
## 2053	chr19 40233782	+	C	250	chr19:40230316-40233951
## 2054	chr19 40233783	+	A	248	chr19:40230316-40233951
## 2055	chr19 40233784	+	A	244	chr19:40230316-40233951
## 2056	chr19 40233785	+	A	248	chr19:40230316-40233951
## 2057	chr19 40233786	+	C	248	chr19:40230316-40233951
## 2058	chr19 40233786	+	T	1	chr19:40230316-40233951
## 2059	chr19 40233787	+	A	1	chr19:40230316-40233951
## 2060	chr19 40233787	+	C	246	chr19:40230316-40233951
## 2061	chr19 40233788	+	A	251	chr19:40230316-40233951
## 2062	chr19 40233789	+	A	247	chr19:40230316-40233951
## 2063	chr19 40233790	+	A	249	chr19:40230316-40233951
## 2064	chr19 40233790	+	T	1	chr19:40230316-40233951
## 2065	chr19 40233791	+	A	248	chr19:40230316-40233951
## 2066	chr19 40233792	+	A	244	chr19:40230316-40233951
## 2067	chr19 40233793	+	G	247	chr19:40230316-40233951
## 2068	chr19 40233794	+	G	249	chr19:40230316-40233951
## 2069	chr19 40233795	+	C	249	chr19:40230316-40233951
## 2070	chr19 40233796	+	T	247	chr19:40230316-40233951
## 2071	chr19 40233797	+	A	250	chr19:40230316-40233951
## 2072	chr19 40233798	+	A	244	chr19:40230316-40233951
## 2073	chr19 40233799	+	G	248	chr19:40230316-40233951
## 2074	chr19 40233800	+	T	243	chr19:40230316-40233951
## 2075	chr19 40233801	+	A	251	chr19:40230316-40233951
## 2076	chr19 40233802	+	A	249	chr19:40230316-40233951
## 2077	chr19 40233803	+	A	251	chr19:40230316-40233951
## 2078	chr19 40233804	+	A	249	chr19:40230316-40233951
## 2079	chr19 40233805	+	A	244	chr19:40230316-40233951
## 2080	chr19 40233806	+	G	247	chr19:40230316-40233951
## 2081	chr19 40233806	+	T	1	chr19:40230316-40233951
## 2082	chr19 40233807	+	T	246	chr19:40230316-40233951
## 2083	chr19 40233808	+	T	246	chr19:40230316-40233951
## 2084	chr19 40233809	+	A	250	chr19:40230316-40233951
## 2085	chr19 40233810	+	G	248	chr19:40230316-40233951
## 2086	chr19 40233810	+	T	2	chr19:40230316-40233951
## 2087	chr19 40233811	+	G	245	chr19:40230316-40233951
## 2088	chr19 40233812	+	G	251	chr19:40230316-40233951
## 2089	chr19 40233813	+	G	249	chr19:40230316-40233951
## 2090	chr19 40233814	+	G	250	chr19:40230316-40233951
## 2091	chr19 40233815	+	-	2	chr19:40230316-40233951
## 2092	chr19 40233815	+	A	246	chr19:40230316-40233951
## 2093	chr19 40233816	+	A	250	chr19:40230316-40233951
## 2094	chr19 40233817	+	A	246	chr19:40230316-40233951
## 2095	chr19 40233817	+	G	1	chr19:40230316-40233951
## 2096	chr19 40233818	+	A	247	chr19:40230316-40233951
## 2097	chr19 40233818	+	G	1	chr19:40230316-40233951

## 2098	chr19 40233819	+	A	251	chr19:40230316-40233951
## 2099	chr19 40233820	+	A	246	chr19:40230316-40233951
## 2100	chr19 40233820	+	C	1	chr19:40230316-40233951
## 2101	chr19 40233821	+	C	250	chr19:40230316-40233951
## 2102	chr19 40233822	+	A	1	chr19:40230316-40233951
## 2103	chr19 40233822	+	C	247	chr19:40230316-40233951
## 2104	chr19 40233823	+	A	249	chr19:40230316-40233951
## 2105	chr19 40233823	-	A	1	chr19:40230316-40233951
## 2106	chr19 40233824	+	C	246	chr19:40230316-40233951
## 2107	chr19 40233824	-	C	1	chr19:40230316-40233951
## 2108	chr19 40233825	+	A	1	chr19:40230316-40233951
## 2109	chr19 40233825	+	C	245	chr19:40230316-40233951
## 2110	chr19 40233825	-	C	1	chr19:40230316-40233951
## 2111	chr19 40233825	+	T	1	chr19:40230316-40233951
## 2112	chr19 40233826	+	C	246	chr19:40230316-40233951
## 2113	chr19 40233826	-	C	1	chr19:40230316-40233951
## 2114	chr19 40233827	+	A	246	chr19:40230316-40233951
## 2115	chr19 40233827	-	A	3	chr19:40230316-40233951
## 2116	chr19 40233828	+	G	244	chr19:40230316-40233951
## 2117	chr19 40233828	-	G	3	chr19:40230316-40233951
## 2118	chr19 40233829	+	C	244	chr19:40230316-40233951
## 2119	chr19 40233829	-	C	3	chr19:40230316-40233951
## 2120	chr19 40233830	+	A	1	chr19:40230316-40233951
## 2121	chr19 40233830	+	G	246	chr19:40230316-40233951
## 2122	chr19 40233830	-	G	3	chr19:40230316-40233951
## 2123	chr19 40233831	+	G	245	chr19:40230316-40233951
## 2124	chr19 40233831	-	G	3	chr19:40230316-40233951
## 2125	chr19 40233832	+	T	246	chr19:40230316-40233951
## 2126	chr19 40233832	-	T	3	chr19:40230316-40233951
## 2127	chr19 40233833	+	G	245	chr19:40230316-40233951
## 2128	chr19 40233833	-	G	3	chr19:40230316-40233951
## 2129	chr19 40233834	+	A	244	chr19:40230316-40233951
## 2130	chr19 40233834	-	A	3	chr19:40230316-40233951
## 2131	chr19 40233835	+	T	247	chr19:40230316-40233951
## 2132	chr19 40233835	-	T	3	chr19:40230316-40233951
## 2133	chr19 40233836	+	G	247	chr19:40230316-40233951
## 2134	chr19 40233836	-	G	3	chr19:40230316-40233951
## 2135	chr19 40233837	+	G	241	chr19:40230316-40233951
## 2136	chr19 40233837	-	G	3	chr19:40230316-40233951
## 2137	chr19 40233838	+	C	245	chr19:40230316-40233951
## 2138	chr19 40233838	-	C	3	chr19:40230316-40233951
## 2139	chr19 40233838	+	T	1	chr19:40230316-40233951
## 2140	chr19 40233839	+	A	243	chr19:40230316-40233951
## 2141	chr19 40233839	-	A	3	chr19:40230316-40233951
## 2142	chr19 40233840	+	G	244	chr19:40230316-40233951
## 2143	chr19 40233840	-	G	6	chr19:40230316-40233951
## 2144	chr19 40233841	+	C	242	chr19:40230316-40233951
## 2145	chr19 40233841	-	C	6	chr19:40230316-40233951
## 2146	chr19 40233842	+	G	241	chr19:40230316-40233951
## 2147	chr19 40233842	-	G	6	chr19:40230316-40233951
## 2148	chr19 40233843	+	A	236	chr19:40230316-40233951
## 2149	chr19 40233843	-	A	6	chr19:40230316-40233951
## 2150	chr19 40233843	+	C	1	chr19:40230316-40233951
## 2151	chr19 40233843	+	G	1	chr19:40230316-40233951

## 2152	chr19 40233844	+	G	241	chr19:40230316-40233951
## 2153	chr19 40233844	-	G	6	chr19:40230316-40233951
## 2154	chr19 40233845	+	C	241	chr19:40230316-40233951
## 2155	chr19 40233845	-	C	6	chr19:40230316-40233951
## 2156	chr19 40233846	+	G	238	chr19:40230316-40233951
## 2157	chr19 40233846	-	G	6	chr19:40230316-40233951
## 2158	chr19 40233847	+	T	236	chr19:40230316-40233951
## 2159	chr19 40233847	-	T	6	chr19:40230316-40233951
## 2160	chr19 40233848	+	G	239	chr19:40230316-40233951
## 2161	chr19 40233848	-	G	9	chr19:40230316-40233951
## 2162	chr19 40233849	+	C	237	chr19:40230316-40233951
## 2163	chr19 40233849	-	C	9	chr19:40230316-40233951
## 2164	chr19 40233850	+	G	236	chr19:40230316-40233951
## 2165	chr19 40233850	-	G	12	chr19:40230316-40233951
## 2166	chr19 40233851	+	A	1	chr19:40230316-40233951
## 2167	chr19 40233851	+	T	237	chr19:40230316-40233951
## 2168	chr19 40233851	-	T	12	chr19:40230316-40233951
## 2169	chr19 40233852	+	C	236	chr19:40230316-40233951
## 2170	chr19 40233852	-	C	12	chr19:40230316-40233951
## 2171	chr19 40233853	+	C	236	chr19:40230316-40233951
## 2172	chr19 40233853	-	C	12	chr19:40230316-40233951
## 2173	chr19 40233854	+	T	228	chr19:40230316-40233951
## 2174	chr19 40233854	-	T	12	chr19:40230316-40233951
## 2175	chr19 40233855	+	C	234	chr19:40230316-40233951
## 2176	chr19 40233855	-	C	14	chr19:40230316-40233951
## 2177	chr19 40233856	+	T	235	chr19:40230316-40233951
## 2178	chr19 40233856	-	T	14	chr19:40230316-40233951
## 2179	chr19 40233857	+	G	233	chr19:40230316-40233951
## 2180	chr19 40233857	-	G	14	chr19:40230316-40233951
## 2181	chr19 40233858	+	C	236	chr19:40230316-40233951
## 2182	chr19 40233858	-	C	14	chr19:40230316-40233951
## 2183	chr19 40233859	+	G	234	chr19:40230316-40233951
## 2184	chr19 40233859	-	G	14	chr19:40230316-40233951
## 2185	chr19 40233860	+	T	230	chr19:40230316-40233951
## 2186	chr19 40233860	-	T	14	chr19:40230316-40233951
## 2187	chr19 40233861	+	G	232	chr19:40230316-40233951
## 2188	chr19 40233861	-	G	16	chr19:40230316-40233951
## 2189	chr19 40233862	+	A	1	chr19:40230316-40233951
## 2190	chr19 40233862	+	G	230	chr19:40230316-40233951
## 2191	chr19 40233862	-	G	19	chr19:40230316-40233951
## 2192	chr19 40233863	+	A	1	chr19:40230316-40233951
## 2193	chr19 40233863	+	G	227	chr19:40230316-40233951
## 2194	chr19 40233863	-	G	19	chr19:40230316-40233951
## 2195	chr19 40233864	+	C	231	chr19:40230316-40233951
## 2196	chr19 40233864	-	C	19	chr19:40230316-40233951
## 2197	chr19 40233865	+	A	228	chr19:40230316-40233951
## 2198	chr19 40233865	-	A	19	chr19:40230316-40233951
## 2199	chr19 40233866	+	G	231	chr19:40230316-40233951
## 2200	chr19 40233866	-	G	19	chr19:40230316-40233951
## 2201	chr19 40233867	+	A	227	chr19:40230316-40233951
## 2202	chr19 40233867	-	A	19	chr19:40230316-40233951
## 2203	chr19 40233868	+	C	226	chr19:40230316-40233951
## 2204	chr19 40233868	-	C	19	chr19:40230316-40233951
## 2205	chr19 40233869	+	T	228	chr19:40230316-40233951

## 2206	chr19 40233869	-	T	19	chr19:40230316-40233951
## 2207	chr19 40233870	+	G	230	chr19:40230316-40233951
## 2208	chr19 40233870	-	G	19	chr19:40230316-40233951
## 2209	chr19 40233871	+	C	230	chr19:40230316-40233951
## 2210	chr19 40233871	-	C	19	chr19:40230316-40233951
## 2211	chr19 40233871	+	T	1	chr19:40230316-40233951
## 2212	chr19 40233872	+	T	228	chr19:40230316-40233951
## 2213	chr19 40233872	-	T	19	chr19:40230316-40233951
## 2214	chr19 40233873	+	C	231	chr19:40230316-40233951
## 2215	chr19 40233873	-	C	19	chr19:40230316-40233951
## 2216	chr19 40233874	+	A	226	chr19:40230316-40233951
## 2217	chr19 40233874	-	A	19	chr19:40230316-40233951
## 2218	chr19 40233875	+	C	229	chr19:40230316-40233951
## 2219	chr19 40233875	-	C	19	chr19:40230316-40233951
## 2220	chr19 40233876	+	A	1	chr19:40230316-40233951
## 2221	chr19 40233876	+	T	223	chr19:40230316-40233951
## 2222	chr19 40233876	-	T	19	chr19:40230316-40233951
## 2223	chr19 40233877	+	C	225	chr19:40230316-40233951
## 2224	chr19 40233877	-	C	26	chr19:40230316-40233951
## 2225	chr19 40233878	-	C	1	chr19:40230316-40233951
## 2226	chr19 40233878	+	G	223	chr19:40230316-40233951
## 2227	chr19 40233878	-	G	25	chr19:40230316-40233951
## 2228	chr19 40233879	+	C	224	chr19:40230316-40233951
## 2229	chr19 40233879	-	C	26	chr19:40230316-40233951
## 2230	chr19 40233880	+	G	223	chr19:40230316-40233951
## 2231	chr19 40233880	-	G	26	chr19:40230316-40233951
## 2232	chr19 40233881	+	G	218	chr19:40230316-40233951
## 2233	chr19 40233881	-	G	26	chr19:40230316-40233951
## 2234	chr19 40233882	+	A	220	chr19:40230316-40233951
## 2235	chr19 40233882	-	A	27	chr19:40230316-40233951
## 2236	chr19 40233883	+	T	220	chr19:40230316-40233951
## 2237	chr19 40233883	-	T	27	chr19:40230316-40233951
## 2238	chr19 40233884	+	G	218	chr19:40230316-40233951
## 2239	chr19 40233884	-	G	28	chr19:40230316-40233951
## 2240	chr19 40233885	+	C	222	chr19:40230316-40233951
## 2241	chr19 40233885	-	C	28	chr19:40230316-40233951
## 2242	chr19 40233886	+	T	222	chr19:40230316-40233951
## 2243	chr19 40233886	-	T	28	chr19:40230316-40233951
## 2244	chr19 40233887	+	G	217	chr19:40230316-40233951
## 2245	chr19 40233887	-	G	28	chr19:40230316-40233951
## 2246	chr19 40233888	+	G	220	chr19:40230316-40233951
## 2247	chr19 40233888	-	G	30	chr19:40230316-40233951
## 2248	chr19 40233889	+	C	218	chr19:40230316-40233951
## 2249	chr19 40233889	-	C	30	chr19:40230316-40233951
## 2250	chr19 40233889	+	G	1	chr19:40230316-40233951
## 2251	chr19 40233890	+	C	220	chr19:40230316-40233951
## 2252	chr19 40233890	-	C	30	chr19:40230316-40233951
## 2253	chr19 40233891	+	G	218	chr19:40230316-40233951
## 2254	chr19 40233891	-	G	30	chr19:40230316-40233951
## 2255	chr19 40233892	+	A	220	chr19:40230316-40233951
## 2256	chr19 40233892	-	A	30	chr19:40230316-40233951
## 2257	chr19 40233893	+	G	216	chr19:40230316-40233951
## 2258	chr19 40233893	-	G	30	chr19:40230316-40233951
## 2259	chr19 40233893	+	T	1	chr19:40230316-40233951

## 2260	chr19 40233894	+	A	1	chr19:40230316-40233951
## 2261	chr19 40233894	+	T	217	chr19:40230316-40233951
## 2262	chr19 40233894	-	T	30	chr19:40230316-40233951
## 2263	chr19 40233895	+	A	219	chr19:40230316-40233951
## 2264	chr19 40233895	-	A	31	chr19:40230316-40233951
## 2265	chr19 40233896	+	G	216	chr19:40230316-40233951
## 2266	chr19 40233896	-	G	31	chr19:40230316-40233951
## 2267	chr19 40233897	+	G	219	chr19:40230316-40233951
## 2268	chr19 40233897	-	G	31	chr19:40230316-40233951
## 2269	chr19 40233898	+	A	217	chr19:40230316-40233951
## 2270	chr19 40233898	-	A	30	chr19:40230316-40233951
## 2271	chr19 40233898	+	G	1	chr19:40230316-40233951
## 2272	chr19 40233899	+	G	220	chr19:40230316-40233951
## 2273	chr19 40233899	-	G	30	chr19:40230316-40233951
## 2274	chr19 40233900	+	A	217	chr19:40230316-40233951
## 2275	chr19 40233900	-	A	30	chr19:40230316-40233951
## 2276	chr19 40233901	+	A	218	chr19:40230316-40233951
## 2277	chr19 40233901	-	A	30	chr19:40230316-40233951
## 2278	chr19 40233902	+	C	219	chr19:40230316-40233951
## 2279	chr19 40233902	-	C	28	chr19:40230316-40233951
## 2280	chr19 40233903	+	T	220	chr19:40230316-40233951
## 2281	chr19 40233903	-	T	28	chr19:40230316-40233951
## 2282	chr19 40233904	+	G	220	chr19:40230316-40233951
## 2283	chr19 40233904	-	G	28	chr19:40230316-40233951
## 2284	chr19 40233905	+	G	215	chr19:40230316-40233951
## 2285	chr19 40233905	-	G	30	chr19:40230316-40233951
## 2286	chr19 40233905	+	T	1	chr19:40230316-40233951
## 2287	chr19 40233906	+	G	219	chr19:40230316-40233951
## 2288	chr19 40233906	-	G	30	chr19:40230316-40233951
## 2289	chr19 40233907	+	G	219	chr19:40230316-40233951
## 2290	chr19 40233907	-	G	30	chr19:40230316-40233951
## 2291	chr19 40233908	+	A	1	chr19:40230316-40233951
## 2292	chr19 40233908	+	G	218	chr19:40230316-40233951
## 2293	chr19 40233908	-	G	30	chr19:40230316-40233951
## 2294	chr19 40233909	+	A	218	chr19:40230316-40233951
## 2295	chr19 40233909	-	A	30	chr19:40230316-40233951
## 2296	chr19 40233910	+	A	217	chr19:40230316-40233951
## 2297	chr19 40233910	-	A	30	chr19:40230316-40233951
## 2298	chr19 40233911	+	G	219	chr19:40230316-40233951
## 2299	chr19 40233911	-	G	31	chr19:40230316-40233951
## 2300	chr19 40233912	+	T	218	chr19:40230316-40233951
## 2301	chr19 40233912	-	T	31	chr19:40230316-40233951
## 2302	chr19 40233913	+	G	214	chr19:40230316-40233951
## 2303	chr19 40233913	-	G	31	chr19:40230316-40233951
## 2304	chr19 40233914	+	G	215	chr19:40230316-40233951
## 2305	chr19 40233914	-	G	34	chr19:40230316-40233951
## 2306	chr19 40233915	+	G	215	chr19:40230316-40233951
## 2307	chr19 40233915	-	G	31	chr19:40230316-40233951
## 2308	chr19 40233916	+	T	219	chr19:40230316-40233951
## 2309	chr19 40233916	-	T	31	chr19:40230316-40233951
## 2310	chr19 40233917	+	C	216	chr19:40230316-40233951
## 2311	chr19 40233917	-	C	32	chr19:40230316-40233951
## 2312	chr19 40233918	+	C	214	chr19:40230316-40233951
## 2313	chr19 40233918	-	C	32	chr19:40230316-40233951

## 2314	chr19 40233918	+	T	1	chr19:40230316-40233951
## 2315	chr19 40233919	+	G	212	chr19:40230316-40233951
## 2316	chr19 40233919	-	G	32	chr19:40230316-40233951
## 2317	chr19 40233920	+	C	215	chr19:40230316-40233951
## 2318	chr19 40233920	-	C	31	chr19:40230316-40233951
## 2319	chr19 40233920	-	G	1	chr19:40230316-40233951
## 2320	chr19 40233921	+	T	213	chr19:40230316-40233951
## 2321	chr19 40233921	-	T	33	chr19:40230316-40233951
## 2322	chr19 40233922	+	G	209	chr19:40230316-40233951
## 2323	chr19 40233922	-	G	34	chr19:40230316-40233951
## 2324	chr19 40233923	+	G	211	chr19:40230316-40233951
## 2325	chr19 40233923	-	G	33	chr19:40230316-40233951
## 2326	chr19 40233924	+	T	213	chr19:40230316-40233951
## 2327	chr19 40233924	-	T	34	chr19:40230316-40233951
## 2328	chr19 40233925	+	C	212	chr19:40230316-40233951
## 2329	chr19 40233925	-	C	35	chr19:40230316-40233951
## 2330	chr19 40233926	+	C	213	chr19:40230316-40233951
## 2331	chr19 40233926	-	C	34	chr19:40230316-40233951
## 2332	chr19 40233926	-	G	1	chr19:40230316-40233951
## 2333	chr19 40233927	+	A	214	chr19:40230316-40233951
## 2334	chr19 40233927	-	A	36	chr19:40230316-40233951
## 2335	chr19 40233928	+	G	212	chr19:40230316-40233951
## 2336	chr19 40233928	-	G	36	chr19:40230316-40233951
## 2337	chr19 40233929	+	C	212	chr19:40230316-40233951
## 2338	chr19 40233929	-	C	35	chr19:40230316-40233951
## 2339	chr19 40233930	-	G	1	chr19:40230316-40233951
## 2340	chr19 40233930	+	T	205	chr19:40230316-40233951
## 2341	chr19 40233930	-	T	35	chr19:40230316-40233951
## 2342	chr19 40233931	+	C	204	chr19:40230316-40233951
## 2343	chr19 40233931	-	C	40	chr19:40230316-40233951
## 2344	chr19 40233932	+	C	204	chr19:40230316-40233951
## 2345	chr19 40233932	-	C	45	chr19:40230316-40233951
## 2346	chr19 40233933	+	A	202	chr19:40230316-40233951
## 2347	chr19 40233933	-	A	45	chr19:40230316-40233951
## 2348	chr19 40233934	+	G	203	chr19:40230316-40233951
## 2349	chr19 40233934	-	G	47	chr19:40230316-40233951
## 2350	chr19 40233935	+	T	201	chr19:40230316-40233951
## 2351	chr19 40233935	-	T	45	chr19:40230316-40233951
## 2352	chr19 40233936	+	A	201	chr19:40230316-40233951
## 2353	chr19 40233936	-	A	45	chr19:40230316-40233951
## 2354	chr19 40233937	+	A	204	chr19:40230316-40233951
## 2355	chr19 40233937	-	A	42	chr19:40230316-40233951
## 2356	chr19 40233937	+	C	1	chr19:40230316-40233951
## 2357	chr19 40233937	+	G	1	chr19:40230316-40233951
## 2358	chr19 40233938	+	G	206	chr19:40230316-40233951
## 2359	chr19 40233938	-	G	44	chr19:40230316-40233951
## 2360	chr19 40233939	+	C	203	chr19:40230316-40233951
## 2361	chr19 40233939	-	C	44	chr19:40230316-40233951
## 2362	chr19 40233940	+	C	206	chr19:40230316-40233951
## 2363	chr19 40233940	-	C	44	chr19:40230316-40233951
## 2364	chr19 40233941	+	A	1	chr19:40230316-40233951
## 2365	chr19 40233941	+	C	202	chr19:40230316-40233951
## 2366	chr19 40233941	-	C	44	chr19:40230316-40233951
## 2367	chr19 40233942	+	A	206	chr19:40230316-40233951

## 2368	chr19 40233942	-	A	44	chr19:40230316-40233951
## 2369	chr19 40233943	+	G	202	chr19:40230316-40233951
## 2370	chr19 40233943	-	G	44	chr19:40230316-40233951
## 2371	chr19 40233944	+	G	198	chr19:40230316-40233951
## 2372	chr19 40233944	-	G	47	chr19:40230316-40233951
## 2373	chr19 40233945	+	C	198	chr19:40230316-40233951
## 2374	chr19 40233945	-	C	49	chr19:40230316-40233951
## 2375	chr19 40233946	+	T	200	chr19:40230316-40233951
## 2376	chr19 40233946	-	T	49	chr19:40230316-40233951
## 2377	chr19 40233947	+	G	201	chr19:40230316-40233951
## 2378	chr19 40233947	-	G	49	chr19:40230316-40233951
## 2379	chr19 40233948	+	T	198	chr19:40230316-40233951
## 2380	chr19 40233948	-	T	49	chr19:40230316-40233951
## 2381	chr19 40233949	+	C	201	chr19:40230316-40233951
## 2382	chr19 40233949	-	C	49	chr19:40230316-40233951
## 2383	chr19 40233950	+	A	196	chr19:40230316-40233951
## 2384	chr19 40233950	-	A	49	chr19:40230316-40233951
## 2385	chr19 40233951	+	T	199	chr19:40230316-40233951
## 2386	chr19 40233951	-	T	49	chr19:40230316-40233951
## 2387	chr19 40235044	+	C	221	chr19:40235044-40235147
## 2388	chr19 40235044	-	C	98	chr19:40235044-40235147
## 2389	chr19 40235045	+	A	208	chr19:40235044-40235147
## 2390	chr19 40235045	-	A	77	chr19:40235044-40235147
## 2391	chr19 40235046	+	G	185	chr19:40235044-40235147
## 2392	chr19 40235046	-	G	70	chr19:40235044-40235147
## 2393	chr19 40235046	+	T	1	chr19:40235044-40235147
## 2394	chr19 40235047	+	C	146	chr19:40235044-40235147
## 2395	chr19 40235047	-	C	37	chr19:40235044-40235147
## 2396	chr19 40235048	+	G	144	chr19:40235044-40235147
## 2397	chr19 40235048	-	G	44	chr19:40235044-40235147
## 2398	chr19 40235049	+	G	173	chr19:40235044-40235147
## 2399	chr19 40235049	-	G	48	chr19:40235044-40235147
## 2400	chr19 40235050	+	T	172	chr19:40235044-40235147
## 2401	chr19 40235050	-	T	48	chr19:40235044-40235147
## 2402	chr19 40235051	+	C	178	chr19:40235044-40235147
## 2403	chr19 40235051	-	C	55	chr19:40235044-40235147
## 2404	chr19 40235052	+	A	190	chr19:40235044-40235147
## 2405	chr19 40235052	-	A	60	chr19:40235044-40235147
## 2406	chr19 40235053	+	G	190	chr19:40235044-40235147
## 2407	chr19 40235053	-	G	60	chr19:40235044-40235147
## 2408	chr19 40235054	+	G	190	chr19:40235044-40235147
## 2409	chr19 40235054	-	G	60	chr19:40235044-40235147
## 2410	chr19 40235055	+	G	190	chr19:40235044-40235147
## 2411	chr19 40235055	-	G	60	chr19:40235044-40235147
## 2412	chr19 40235056	+	G	190	chr19:40235044-40235147
## 2413	chr19 40235056	-	G	60	chr19:40235044-40235147
## 2414	chr19 40235057	+	G	190	chr19:40235044-40235147
## 2415	chr19 40235057	-	G	60	chr19:40235044-40235147
## 2416	chr19 40235058	+	T	190	chr19:40235044-40235147
## 2417	chr19 40235058	-	T	60	chr19:40235044-40235147
## 2418	chr19 40235059	+	G	190	chr19:40235044-40235147
## 2419	chr19 40235059	-	G	60	chr19:40235044-40235147
## 2420	chr19 40235060	+	G	1	chr19:40235044-40235147
## 2421	chr19 40235060	+	T	189	chr19:40235044-40235147

## 2422	chr19 40235060	-	T	60	chr19:40235044-40235147
## 2423	chr19 40235061	+	G	184	chr19:40235044-40235147
## 2424	chr19 40235061	-	G	60	chr19:40235044-40235147
## 2425	chr19 40235061	+	T	6	chr19:40235044-40235147
## 2426	chr19 40235062	+	A	190	chr19:40235044-40235147
## 2427	chr19 40235062	-	A	60	chr19:40235044-40235147
## 2428	chr19 40235063	+	T	190	chr19:40235044-40235147
## 2429	chr19 40235063	-	T	60	chr19:40235044-40235147
## 2430	chr19 40235064	+	T	190	chr19:40235044-40235147
## 2431	chr19 40235064	-	T	60	chr19:40235044-40235147
## 2432	chr19 40235065	+	G	190	chr19:40235044-40235147
## 2433	chr19 40235065	-	G	60	chr19:40235044-40235147
## 2434	chr19 40235066	+	T	190	chr19:40235044-40235147
## 2435	chr19 40235066	-	T	60	chr19:40235044-40235147
## 2436	chr19 40235067	+	G	190	chr19:40235044-40235147
## 2437	chr19 40235067	-	G	60	chr19:40235044-40235147
## 2438	chr19 40235068	+	A	189	chr19:40235044-40235147
## 2439	chr19 40235068	-	A	60	chr19:40235044-40235147
## 2440	chr19 40235069	+	G	1	chr19:40235044-40235147
## 2441	chr19 40235069	+	T	189	chr19:40235044-40235147
## 2442	chr19 40235069	-	T	60	chr19:40235044-40235147
## 2443	chr19 40235070	-	A	1	chr19:40235044-40235147
## 2444	chr19 40235070	+	G	190	chr19:40235044-40235147
## 2445	chr19 40235070	-	G	59	chr19:40235044-40235147
## 2446	chr19 40235071	+	G	190	chr19:40235044-40235147
## 2447	chr19 40235071	-	G	60	chr19:40235044-40235147
## 2448	chr19 40235072	+	A	189	chr19:40235044-40235147
## 2449	chr19 40235072	-	A	60	chr19:40235044-40235147
## 2450	chr19 40235073	+	A	1	chr19:40235044-40235147
## 2451	chr19 40235073	+	C	190	chr19:40235044-40235147
## 2452	chr19 40235073	-	C	60	chr19:40235044-40235147
## 2453	chr19 40235074	+	T	191	chr19:40235044-40235147
## 2454	chr19 40235074	-	T	60	chr19:40235044-40235147
## 2455	chr19 40235075	+	G	191	chr19:40235044-40235147
## 2456	chr19 40235075	-	G	60	chr19:40235044-40235147
## 2457	chr19 40235076	+	G	191	chr19:40235044-40235147
## 2458	chr19 40235076	-	G	60	chr19:40235044-40235147
## 2459	chr19 40235077	+	G	191	chr19:40235044-40235147
## 2460	chr19 40235077	-	G	60	chr19:40235044-40235147
## 2461	chr19 40235078	+	C	188	chr19:40235044-40235147
## 2462	chr19 40235078	-	C	60	chr19:40235044-40235147
## 2463	chr19 40235078	+	T	3	chr19:40235044-40235147
## 2464	chr19 40235079	+	G	191	chr19:40235044-40235147
## 2465	chr19 40235079	-	G	60	chr19:40235044-40235147
## 2466	chr19 40235080	+	G	191	chr19:40235044-40235147
## 2467	chr19 40235080	-	G	60	chr19:40235044-40235147
## 2468	chr19 40235081	+	T	191	chr19:40235044-40235147
## 2469	chr19 40235081	-	T	60	chr19:40235044-40235147
## 2470	chr19 40235082	+	A	191	chr19:40235044-40235147
## 2471	chr19 40235082	-	A	60	chr19:40235044-40235147
## 2472	chr19 40235083	+	A	189	chr19:40235044-40235147
## 2473	chr19 40235083	-	A	60	chr19:40235044-40235147
## 2474	chr19 40235083	+	T	1	chr19:40235044-40235147
## 2475	chr19 40235084	+	A	190	chr19:40235044-40235147

## 2476	chr19 40235084	-	A	60	chr19:40235044-40235147
## 2477	chr19 40235085	+	T	190	chr19:40235044-40235147
## 2478	chr19 40235085	-	T	60	chr19:40235044-40235147
## 2479	chr19 40235086	+	T	190	chr19:40235044-40235147
## 2480	chr19 40235086	-	T	60	chr19:40235044-40235147
## 2481	chr19 40235087	+	C	190	chr19:40235044-40235147
## 2482	chr19 40235087	-	C	60	chr19:40235044-40235147
## 2483	chr19 40235088	+	A	190	chr19:40235044-40235147
## 2484	chr19 40235088	-	A	60	chr19:40235044-40235147
## 2485	chr19 40235089	+	T	190	chr19:40235044-40235147
## 2486	chr19 40235089	-	T	60	chr19:40235044-40235147
## 2487	chr19 40235090	+	C	191	chr19:40235044-40235147
## 2488	chr19 40235090	-	C	60	chr19:40235044-40235147
## 2489	chr19 40235091	+	A	191	chr19:40235044-40235147
## 2490	chr19 40235091	-	A	60	chr19:40235044-40235147
## 2491	chr19 40235092	+	T	191	chr19:40235044-40235147
## 2492	chr19 40235092	-	T	60	chr19:40235044-40235147
## 2493	chr19 40235093	+	C	191	chr19:40235044-40235147
## 2494	chr19 40235093	-	C	60	chr19:40235044-40235147
## 2495	chr19 40235094	+	G	191	chr19:40235044-40235147
## 2496	chr19 40235094	-	G	60	chr19:40235044-40235147
## 2497	chr19 40235095	+	A	190	chr19:40235044-40235147
## 2498	chr19 40235095	-	A	60	chr19:40235044-40235147
## 2499	chr19 40235096	+	A	190	chr19:40235044-40235147
## 2500	chr19 40235096	-	A	60	chr19:40235044-40235147
## 2501	chr19 40235097	+	G	190	chr19:40235044-40235147
## 2502	chr19 40235097	-	G	60	chr19:40235044-40235147
## 2503	chr19 40235098	+	T	190	chr19:40235044-40235147
## 2504	chr19 40235098	-	T	60	chr19:40235044-40235147
## 2505	chr19 40235099	+	A	190	chr19:40235044-40235147
## 2506	chr19 40235099	-	A	60	chr19:40235044-40235147
## 2507	chr19 40235100	+	C	190	chr19:40235044-40235147
## 2508	chr19 40235100	-	C	60	chr19:40235044-40235147
## 2509	chr19 40235101	+	C	190	chr19:40235044-40235147
## 2510	chr19 40235101	-	C	60	chr19:40235044-40235147
## 2511	chr19 40235102	+	T	190	chr19:40235044-40235147
## 2512	chr19 40235102	-	T	60	chr19:40235044-40235147
## 2513	chr19 40235103	+	T	190	chr19:40235044-40235147
## 2514	chr19 40235103	-	T	59	chr19:40235044-40235147
## 2515	chr19 40235104	+	G	191	chr19:40235044-40235147
## 2516	chr19 40235104	-	G	59	chr19:40235044-40235147
## 2517	chr19 40235105	+	T	191	chr19:40235044-40235147
## 2518	chr19 40235105	-	T	59	chr19:40235044-40235147
## 2519	chr19 40235106	+	G	190	chr19:40235044-40235147
## 2520	chr19 40235106	-	G	60	chr19:40235044-40235147
## 2521	chr19 40235107	+	T	190	chr19:40235044-40235147
## 2522	chr19 40235107	-	T	60	chr19:40235044-40235147
## 2523	chr19 40235108	+	C	190	chr19:40235044-40235147
## 2524	chr19 40235108	-	C	60	chr19:40235044-40235147
## 2525	chr19 40235109	-	A	1	chr19:40235044-40235147
## 2526	chr19 40235109	+	G	190	chr19:40235044-40235147
## 2527	chr19 40235109	-	G	58	chr19:40235044-40235147
## 2528	chr19 40235110	+	A	191	chr19:40235044-40235147
## 2529	chr19 40235110	-	A	59	chr19:40235044-40235147

## 2530	chr19 40235111	+	C	191	chr19:40235044-40235147
## 2531	chr19 40235111	-	C	59	chr19:40235044-40235147
## 2532	chr19 40235112	+	C	191	chr19:40235044-40235147
## 2533	chr19 40235112	-	C	59	chr19:40235044-40235147
## 2534	chr19 40235113	+	T	191	chr19:40235044-40235147
## 2535	chr19 40235113	-	T	59	chr19:40235044-40235147
## 2536	chr19 40235114	+	C	191	chr19:40235044-40235147
## 2537	chr19 40235114	-	C	59	chr19:40235044-40235147
## 2538	chr19 40235115	+	G	191	chr19:40235044-40235147
## 2539	chr19 40235115	-	G	59	chr19:40235044-40235147
## 2540	chr19 40235116	+	G	191	chr19:40235044-40235147
## 2541	chr19 40235116	-	G	59	chr19:40235044-40235147
## 2542	chr19 40235117	+	A	191	chr19:40235044-40235147
## 2543	chr19 40235117	-	A	59	chr19:40235044-40235147
## 2544	chr19 40235118	+	C	190	chr19:40235044-40235147
## 2545	chr19 40235118	-	C	59	chr19:40235044-40235147
## 2546	chr19 40235118	+	T	1	chr19:40235044-40235147
## 2547	chr19 40235119	+	G	191	chr19:40235044-40235147
## 2548	chr19 40235119	-	G	59	chr19:40235044-40235147
## 2549	chr19 40235120	+	T	191	chr19:40235044-40235147
## 2550	chr19 40235120	-	T	59	chr19:40235044-40235147
## 2551	chr19 40235121	+	G	190	chr19:40235044-40235147
## 2552	chr19 40235121	-	G	59	chr19:40235044-40235147
## 2553	chr19 40235122	+	A	189	chr19:40235044-40235147
## 2554	chr19 40235122	-	A	59	chr19:40235044-40235147
## 2555	chr19 40235122	+	G	1	chr19:40235044-40235147
## 2556	chr19 40235123	+	C	174	chr19:40235044-40235147
## 2557	chr19 40235123	-	C	37	chr19:40235044-40235147
## 2558	chr19 40235123	+	T	1	chr19:40235044-40235147
## 2559	chr19 40235124	+	C	131	chr19:40235044-40235147
## 2560	chr19 40235124	-	C	51	chr19:40235044-40235147
## 2561	chr19 40235125	+	T	149	chr19:40235044-40235147
## 2562	chr19 40235125	-	T	65	chr19:40235044-40235147
## 2563	chr19 40235126	+	G	137	chr19:40235044-40235147
## 2564	chr19 40235126	-	G	73	chr19:40235044-40235147
## 2565	chr19 40235127	+	A	145	chr19:40235044-40235147
## 2566	chr19 40235127	-	A	72	chr19:40235044-40235147
## 2567	chr19 40235128	+	G	170	chr19:40235044-40235147
## 2568	chr19 40235128	-	G	76	chr19:40235044-40235147
## 2569	chr19 40235129	+	G	174	chr19:40235044-40235147
## 2570	chr19 40235129	-	G	76	chr19:40235044-40235147
## 2571	chr19 40235130	-	G	1	chr19:40235044-40235147
## 2572	chr19 40235130	+	T	174	chr19:40235044-40235147
## 2573	chr19 40235130	-	T	75	chr19:40235044-40235147
## 2574	chr19 40235131	-	C	1	chr19:40235044-40235147
## 2575	chr19 40235131	+	T	174	chr19:40235044-40235147
## 2576	chr19 40235131	-	T	75	chr19:40235044-40235147
## 2577	chr19 40235132	+	A	2	chr19:40235044-40235147
## 2578	chr19 40235132	+	T	172	chr19:40235044-40235147
## 2579	chr19 40235132	-	T	76	chr19:40235044-40235147
## 2580	chr19 40235133	+	G	174	chr19:40235044-40235147
## 2581	chr19 40235133	-	G	76	chr19:40235044-40235147
## 2582	chr19 40235134	+	A	174	chr19:40235044-40235147
## 2583	chr19 40235134	-	A	76	chr19:40235044-40235147

## 2584	chr19 40235135	+	A	174	chr19:40235044-40235147
## 2585	chr19 40235135	-	A	76	chr19:40235044-40235147
## 2586	chr19 40235136	+	G	174	chr19:40235044-40235147
## 2587	chr19 40235136	-	G	76	chr19:40235044-40235147
## 2588	chr19 40235137	+	G	174	chr19:40235044-40235147
## 2589	chr19 40235137	-	G	76	chr19:40235044-40235147
## 2590	chr19 40235138	+	G	175	chr19:40235044-40235147
## 2591	chr19 40235138	-	G	76	chr19:40235044-40235147
## 2592	chr19 40235139	+	T	176	chr19:40235044-40235147
## 2593	chr19 40235139	-	T	76	chr19:40235044-40235147
## 2594	chr19 40235140	+	G	176	chr19:40235044-40235147
## 2595	chr19 40235140	-	G	76	chr19:40235044-40235147
## 2596	chr19 40235141	+	G	176	chr19:40235044-40235147
## 2597	chr19 40235141	-	G	76	chr19:40235044-40235147
## 2598	chr19 40235142	+	C	176	chr19:40235044-40235147
## 2599	chr19 40235142	-	C	76	chr19:40235044-40235147
## 2600	chr19 40235143	+	A	176	chr19:40235044-40235147
## 2601	chr19 40235143	-	A	75	chr19:40235044-40235147
## 2602	chr19 40235143	-	C	1	chr19:40235044-40235147
## 2603	chr19 40235144	+	G	175	chr19:40235044-40235147
## 2604	chr19 40235144	-	G	76	chr19:40235044-40235147
## 2605	chr19 40235145	+	G	175	chr19:40235044-40235147
## 2606	chr19 40235145	-	G	76	chr19:40235044-40235147
## 2607	chr19 40235146	+	A	175	chr19:40235044-40235147
## 2608	chr19 40235146	-	A	76	chr19:40235044-40235147
## 2609	chr19 40235147	+	G	174	chr19:40235044-40235147
## 2610	chr19 40235147	-	G	76	chr19:40235044-40235147
## 2611	chr19 40235262	+	C	198	chr19:40235262-40235350
## 2612	chr19 40235262	-	C	119	chr19:40235262-40235350
## 2613	chr19 40235263	+	C	182	chr19:40235262-40235350
## 2614	chr19 40235263	-	C	107	chr19:40235262-40235350
## 2615	chr19 40235264	+	T	176	chr19:40235262-40235350
## 2616	chr19 40235264	-	T	77	chr19:40235262-40235350
## 2617	chr19 40235265	+	G	1	chr19:40235262-40235350
## 2618	chr19 40235265	+	T	152	chr19:40235262-40235350
## 2619	chr19 40235265	-	T	71	chr19:40235262-40235350
## 2620	chr19 40235266	+	C	149	chr19:40235262-40235350
## 2621	chr19 40235266	-	C	64	chr19:40235262-40235350
## 2622	chr19 40235267	+	T	141	chr19:40235262-40235350
## 2623	chr19 40235267	-	T	83	chr19:40235262-40235350
## 2624	chr19 40235268	+	-	1	chr19:40235262-40235350
## 2625	chr19 40235268	+	T	146	chr19:40235262-40235350
## 2626	chr19 40235268	-	T	79	chr19:40235262-40235350
## 2627	chr19 40235269	+	-	1	chr19:40235262-40235350
## 2628	chr19 40235269	+	C	129	chr19:40235262-40235350
## 2629	chr19 40235269	-	C	85	chr19:40235262-40235350
## 2630	chr19 40235269	-	T	1	chr19:40235262-40235350
## 2631	chr19 40235270	+	T	121	chr19:40235262-40235350
## 2632	chr19 40235270	-	T	82	chr19:40235262-40235350
## 2633	chr19 40235271	+	G	119	chr19:40235262-40235350
## 2634	chr19 40235271	-	G	97	chr19:40235262-40235350
## 2635	chr19 40235272	+	G	129	chr19:40235262-40235350
## 2636	chr19 40235272	-	G	108	chr19:40235262-40235350
## 2637	chr19 40235273	+	A	138	chr19:40235262-40235350

## 2638	chr19 40235273	-	A	112	chr19:40235262-40235350
## 2639	chr19 40235274	+	C	138	chr19:40235262-40235350
## 2640	chr19 40235274	-	C	112	chr19:40235262-40235350
## 2641	chr19 40235275	+	C	138	chr19:40235262-40235350
## 2642	chr19 40235275	-	C	112	chr19:40235262-40235350
## 2643	chr19 40235276	+	A	138	chr19:40235262-40235350
## 2644	chr19 40235276	-	A	112	chr19:40235262-40235350
## 2645	chr19 40235277	+	C	137	chr19:40235262-40235350
## 2646	chr19 40235277	-	C	112	chr19:40235262-40235350
## 2647	chr19 40235277	+	T	1	chr19:40235262-40235350
## 2648	chr19 40235278	+	G	138	chr19:40235262-40235350
## 2649	chr19 40235278	-	G	112	chr19:40235262-40235350
## 2650	chr19 40235279	+	T	138	chr19:40235262-40235350
## 2651	chr19 40235279	-	T	112	chr19:40235262-40235350
## 2652	chr19 40235280	+	A	1	chr19:40235262-40235350
## 2653	chr19 40235280	+	C	137	chr19:40235262-40235350
## 2654	chr19 40235280	-	C	111	chr19:40235262-40235350
## 2655	chr19 40235280	-	G	1	chr19:40235262-40235350
## 2656	chr19 40235281	+	C	138	chr19:40235262-40235350
## 2657	chr19 40235281	-	C	112	chr19:40235262-40235350
## 2658	chr19 40235282	+	T	138	chr19:40235262-40235350
## 2659	chr19 40235282	-	T	112	chr19:40235262-40235350
## 2660	chr19 40235283	+	G	138	chr19:40235262-40235350
## 2661	chr19 40235283	-	G	112	chr19:40235262-40235350
## 2662	chr19 40235284	+	C	138	chr19:40235262-40235350
## 2663	chr19 40235284	-	C	112	chr19:40235262-40235350
## 2664	chr19 40235285	+	C	138	chr19:40235262-40235350
## 2665	chr19 40235285	-	C	112	chr19:40235262-40235350
## 2666	chr19 40235286	+	A	138	chr19:40235262-40235350
## 2667	chr19 40235286	-	A	112	chr19:40235262-40235350
## 2668	chr19 40235287	+	G	138	chr19:40235262-40235350
## 2669	chr19 40235287	-	G	112	chr19:40235262-40235350
## 2670	chr19 40235288	+	T	137	chr19:40235262-40235350
## 2671	chr19 40235288	-	T	112	chr19:40235262-40235350
## 2672	chr19 40235289	+	T	139	chr19:40235262-40235350
## 2673	chr19 40235289	-	T	112	chr19:40235262-40235350
## 2674	chr19 40235290	+	G	139	chr19:40235262-40235350
## 2675	chr19 40235290	-	G	112	chr19:40235262-40235350
## 2676	chr19 40235291	+	A	138	chr19:40235262-40235350
## 2677	chr19 40235291	-	A	112	chr19:40235262-40235350
## 2678	chr19 40235292	+	G	1	chr19:40235262-40235350
## 2679	chr19 40235292	+	T	138	chr19:40235262-40235350
## 2680	chr19 40235292	-	T	112	chr19:40235262-40235350
## 2681	chr19 40235293	+	G	139	chr19:40235262-40235350
## 2682	chr19 40235293	-	G	112	chr19:40235262-40235350
## 2683	chr19 40235294	+	C	139	chr19:40235262-40235350
## 2684	chr19 40235294	-	C	112	chr19:40235262-40235350
## 2685	chr19 40235295	+	T	139	chr19:40235262-40235350
## 2686	chr19 40235295	-	T	112	chr19:40235262-40235350
## 2687	chr19 40235296	+	G	138	chr19:40235262-40235350
## 2688	chr19 40235296	-	G	113	chr19:40235262-40235350
## 2689	chr19 40235297	+	A	138	chr19:40235262-40235350
## 2690	chr19 40235297	-	A	113	chr19:40235262-40235350
## 2691	chr19 40235298	+	G	138	chr19:40235262-40235350

## 2692	chr19 40235298	-	G 113	chr19:40235262-40235350
## 2693	chr19 40235299	+	G 138	chr19:40235262-40235350
## 2694	chr19 40235299	-	G 113	chr19:40235262-40235350
## 2695	chr19 40235300	+	A 138	chr19:40235262-40235350
## 2696	chr19 40235300	-	A 113	chr19:40235262-40235350
## 2697	chr19 40235301	+	A 138	chr19:40235262-40235350
## 2698	chr19 40235301	-	A 113	chr19:40235262-40235350
## 2699	chr19 40235302	+	G 137	chr19:40235262-40235350
## 2700	chr19 40235302	-	G 113	chr19:40235262-40235350
## 2701	chr19 40235303	+	A 135	chr19:40235262-40235350
## 2702	chr19 40235303	-	A 113	chr19:40235262-40235350
## 2703	chr19 40235304	+	A 137	chr19:40235262-40235350
## 2704	chr19 40235304	-	A 113	chr19:40235262-40235350
## 2705	chr19 40235305	+	C 137	chr19:40235262-40235350
## 2706	chr19 40235305	-	C 113	chr19:40235262-40235350
## 2707	chr19 40235306	+	C 136	chr19:40235262-40235350
## 2708	chr19 40235306	-	C 114	chr19:40235262-40235350
## 2709	chr19 40235307	+	T 137	chr19:40235262-40235350
## 2710	chr19 40235307	-	T 114	chr19:40235262-40235350
## 2711	chr19 40235308	+	G 137	chr19:40235262-40235350
## 2712	chr19 40235308	-	G 114	chr19:40235262-40235350
## 2713	chr19 40235309	+	T 137	chr19:40235262-40235350
## 2714	chr19 40235309	-	T 114	chr19:40235262-40235350
## 2715	chr19 40235310	+	G 137	chr19:40235262-40235350
## 2716	chr19 40235310	-	G 114	chr19:40235262-40235350
## 2717	chr19 40235311	+	C 136	chr19:40235262-40235350
## 2718	chr19 40235311	-	C 113	chr19:40235262-40235350
## 2719	chr19 40235312	+	T 137	chr19:40235262-40235350
## 2720	chr19 40235312	-	T 113	chr19:40235262-40235350
## 2721	chr19 40235313	+	A 1	chr19:40235262-40235350
## 2722	chr19 40235313	+	C 136	chr19:40235262-40235350
## 2723	chr19 40235313	-	C 113	chr19:40235262-40235350
## 2724	chr19 40235314	+	C 137	chr19:40235262-40235350
## 2725	chr19 40235314	-	C 113	chr19:40235262-40235350
## 2726	chr19 40235315	+	A 137	chr19:40235262-40235350
## 2727	chr19 40235315	-	A 113	chr19:40235262-40235350
## 2728	chr19 40235316	+	T 138	chr19:40235262-40235350
## 2729	chr19 40235316	-	T 113	chr19:40235262-40235350
## 2730	chr19 40235317	+	G 138	chr19:40235262-40235350
## 2731	chr19 40235317	-	G 113	chr19:40235262-40235350
## 2732	chr19 40235318	+	A 138	chr19:40235262-40235350
## 2733	chr19 40235318	-	A 113	chr19:40235262-40235350
## 2734	chr19 40235319	+	C 137	chr19:40235262-40235350
## 2735	chr19 40235319	-	C 113	chr19:40235262-40235350
## 2736	chr19 40235319	+	T 1	chr19:40235262-40235350
## 2737	chr19 40235320	+	C 138	chr19:40235262-40235350
## 2738	chr19 40235320	-	C 113	chr19:40235262-40235350
## 2739	chr19 40235321	+	T 138	chr19:40235262-40235350
## 2740	chr19 40235321	-	T 113	chr19:40235262-40235350
## 2741	chr19 40235322	+	C 138	chr19:40235262-40235350
## 2742	chr19 40235322	-	C 113	chr19:40235262-40235350
## 2743	chr19 40235323	+	C 138	chr19:40235262-40235350
## 2744	chr19 40235323	-	C 113	chr19:40235262-40235350
## 2745	chr19 40235324	+	T 138	chr19:40235262-40235350

## 2746	chr19 40235324	-	T	112	chr19:40235262-40235350
## 2747	chr19 40235325	+	T	138	chr19:40235262-40235350
## 2748	chr19 40235325	-	T	112	chr19:40235262-40235350
## 2749	chr19 40235326	-	A	1	chr19:40235262-40235350
## 2750	chr19 40235326	+	G	138	chr19:40235262-40235350
## 2751	chr19 40235326	-	G	111	chr19:40235262-40235350
## 2752	chr19 40235327	+	G	138	chr19:40235262-40235350
## 2753	chr19 40235327	-	G	112	chr19:40235262-40235350
## 2754	chr19 40235328	+	C	138	chr19:40235262-40235350
## 2755	chr19 40235328	-	C	112	chr19:40235262-40235350
## 2756	chr19 40235329	+	A	138	chr19:40235262-40235350
## 2757	chr19 40235329	-	A	109	chr19:40235262-40235350
## 2758	chr19 40235329	-	G	2	chr19:40235262-40235350
## 2759	chr19 40235329	-	T	1	chr19:40235262-40235350
## 2760	chr19 40235330	+	T	138	chr19:40235262-40235350
## 2761	chr19 40235330	-	T	112	chr19:40235262-40235350
## 2762	chr19 40235331	+	C	137	chr19:40235262-40235350
## 2763	chr19 40235331	-	C	113	chr19:40235262-40235350
## 2764	chr19 40235332	+	G	137	chr19:40235262-40235350
## 2765	chr19 40235332	-	G	113	chr19:40235262-40235350
## 2766	chr19 40235333	+	C	137	chr19:40235262-40235350
## 2767	chr19 40235333	-	C	113	chr19:40235262-40235350
## 2768	chr19 40235334	+	T	137	chr19:40235262-40235350
## 2769	chr19 40235334	-	T	113	chr19:40235262-40235350
## 2770	chr19 40235335	+	G	137	chr19:40235262-40235350
## 2771	chr19 40235335	-	G	113	chr19:40235262-40235350
## 2772	chr19 40235336	+	G	137	chr19:40235262-40235350
## 2773	chr19 40235336	-	G	113	chr19:40235262-40235350
## 2774	chr19 40235337	+	G	135	chr19:40235262-40235350
## 2775	chr19 40235337	-	G	112	chr19:40235262-40235350
## 2776	chr19 40235337	+	T	1	chr19:40235262-40235350
## 2777	chr19 40235337	-	T	1	chr19:40235262-40235350
## 2778	chr19 40235338	+	C	136	chr19:40235262-40235350
## 2779	chr19 40235338	-	C	114	chr19:40235262-40235350
## 2780	chr19 40235339	+	C	136	chr19:40235262-40235350
## 2781	chr19 40235339	-	C	114	chr19:40235262-40235350
## 2782	chr19 40235340	+	C	136	chr19:40235262-40235350
## 2783	chr19 40235340	-	C	114	chr19:40235262-40235350
## 2784	chr19 40235341	+	C	129	chr19:40235262-40235350
## 2785	chr19 40235341	-	C	106	chr19:40235262-40235350
## 2786	chr19 40235342	+	C	124	chr19:40235262-40235350
## 2787	chr19 40235342	-	C	82	chr19:40235262-40235350
## 2788	chr19 40235343	+	C	119	chr19:40235262-40235350
## 2789	chr19 40235343	-	C	80	chr19:40235262-40235350
## 2790	chr19 40235344	+	A	117	chr19:40235262-40235350
## 2791	chr19 40235344	-	A	78	chr19:40235262-40235350
## 2792	chr19 40235345	+	C	111	chr19:40235262-40235350
## 2793	chr19 40235345	-	C	66	chr19:40235262-40235350
## 2794	chr19 40235346	+	C	107	chr19:40235262-40235350
## 2795	chr19 40235346	-	C	57	chr19:40235262-40235350
## 2796	chr19 40235347	+	A	102	chr19:40235262-40235350
## 2797	chr19 40235347	-	A	64	chr19:40235262-40235350
## 2798	chr19 40235348	+	A	99	chr19:40235262-40235350
## 2799	chr19 40235348	-	A	63	chr19:40235262-40235350

## 2800	chr19 40235349	+	G	100	chr19:40235262-40235350
## 2801	chr19 40235349	-	G	67	chr19:40235262-40235350
## 2802	chr19 40235350	+	C	109	chr19:40235262-40235350
## 2803	chr19 40235350	-	C	69	chr19:40235262-40235350
## 2804	chr19 40235392	+	T	154	chr19:40235392-40235467
## 2805	chr19 40235392	-	T	153	chr19:40235392-40235467
## 2806	chr19 40235393	+	G	149	chr19:40235392-40235467
## 2807	chr19 40235393	-	G	146	chr19:40235392-40235467
## 2808	chr19 40235394	+	C	1	chr19:40235392-40235467
## 2809	chr19 40235394	+	G	142	chr19:40235392-40235467
## 2810	chr19 40235394	-	G	137	chr19:40235392-40235467
## 2811	chr19 40235395	+	G	141	chr19:40235392-40235467
## 2812	chr19 40235395	-	G	135	chr19:40235392-40235467
## 2813	chr19 40235396	+	T	134	chr19:40235392-40235467
## 2814	chr19 40235396	-	T	106	chr19:40235392-40235467
## 2815	chr19 40235397	+	T	126	chr19:40235392-40235467
## 2816	chr19 40235397	-	T	99	chr19:40235392-40235467
## 2817	chr19 40235398	+	C	131	chr19:40235392-40235467
## 2818	chr19 40235398	-	C	98	chr19:40235392-40235467
## 2819	chr19 40235399	+	G	128	chr19:40235392-40235467
## 2820	chr19 40235399	-	G	98	chr19:40235392-40235467
## 2821	chr19 40235400	+	G	133	chr19:40235392-40235467
## 2822	chr19 40235400	-	G	94	chr19:40235392-40235467
## 2823	chr19 40235401	+	G	134	chr19:40235392-40235467
## 2824	chr19 40235401	-	G	97	chr19:40235392-40235467
## 2825	chr19 40235402	+	C	136	chr19:40235392-40235467
## 2826	chr19 40235402	-	C	100	chr19:40235392-40235467
## 2827	chr19 40235403	+	A	136	chr19:40235392-40235467
## 2828	chr19 40235403	-	A	108	chr19:40235392-40235467
## 2829	chr19 40235404	+	G	141	chr19:40235392-40235467
## 2830	chr19 40235404	-	G	105	chr19:40235392-40235467
## 2831	chr19 40235405	+	A	142	chr19:40235392-40235467
## 2832	chr19 40235405	-	A	98	chr19:40235392-40235467
## 2833	chr19 40235406	+	C	142	chr19:40235392-40235467
## 2834	chr19 40235406	-	C	92	chr19:40235392-40235467
## 2835	chr19 40235407	+	G	144	chr19:40235392-40235467
## 2836	chr19 40235407	-	G	89	chr19:40235392-40235467
## 2837	chr19 40235408	-	A	2	chr19:40235392-40235467
## 2838	chr19 40235408	+	G	136	chr19:40235392-40235467
## 2839	chr19 40235408	-	G	93	chr19:40235392-40235467
## 2840	chr19 40235409	+	G	134	chr19:40235392-40235467
## 2841	chr19 40235409	-	G	101	chr19:40235392-40235467
## 2842	chr19 40235410	+	C	134	chr19:40235392-40235467
## 2843	chr19 40235410	-	C	109	chr19:40235392-40235467
## 2844	chr19 40235410	+	G	1	chr19:40235392-40235467
## 2845	chr19 40235411	-	G	1	chr19:40235392-40235467
## 2846	chr19 40235411	+	T	138	chr19:40235392-40235467
## 2847	chr19 40235411	-	T	108	chr19:40235392-40235467
## 2848	chr19 40235412	+	T	141	chr19:40235392-40235467
## 2849	chr19 40235412	-	T	109	chr19:40235392-40235467
## 2850	chr19 40235413	+	T	140	chr19:40235392-40235467
## 2851	chr19 40235413	-	T	110	chr19:40235392-40235467
## 2852	chr19 40235414	+	C	140	chr19:40235392-40235467
## 2853	chr19 40235414	-	C	110	chr19:40235392-40235467

## 2854	chr19 40235415	+	C	1	chr19:40235392-40235467
## 2855	chr19 40235415	+	G	139	chr19:40235392-40235467
## 2856	chr19 40235415	-	G	110	chr19:40235392-40235467
## 2857	chr19 40235416	+	G	140	chr19:40235392-40235467
## 2858	chr19 40235416	-	G	110	chr19:40235392-40235467
## 2859	chr19 40235417	+	A	137	chr19:40235392-40235467
## 2860	chr19 40235417	-	A	110	chr19:40235392-40235467
## 2861	chr19 40235417	+	T	3	chr19:40235392-40235467
## 2862	chr19 40235418	+	G	139	chr19:40235392-40235467
## 2863	chr19 40235418	-	G	111	chr19:40235392-40235467
## 2864	chr19 40235419	+	C	139	chr19:40235392-40235467
## 2865	chr19 40235419	-	C	111	chr19:40235392-40235467
## 2866	chr19 40235420	+	A	139	chr19:40235392-40235467
## 2867	chr19 40235420	-	A	111	chr19:40235392-40235467
## 2868	chr19 40235421	+	G	139	chr19:40235392-40235467
## 2869	chr19 40235421	-	G	111	chr19:40235392-40235467
## 2870	chr19 40235422	+	G	139	chr19:40235392-40235467
## 2871	chr19 40235422	-	G	111	chr19:40235392-40235467
## 2872	chr19 40235423	+	C	139	chr19:40235392-40235467
## 2873	chr19 40235423	-	C	111	chr19:40235392-40235467
## 2874	chr19 40235424	+	A	138	chr19:40235392-40235467
## 2875	chr19 40235424	-	A	112	chr19:40235392-40235467
## 2876	chr19 40235425	+	G	137	chr19:40235392-40235467
## 2877	chr19 40235425	-	G	112	chr19:40235392-40235467
## 2878	chr19 40235425	-	T	1	chr19:40235392-40235467
## 2879	chr19 40235426	+	G	136	chr19:40235392-40235467
## 2880	chr19 40235426	-	G	114	chr19:40235392-40235467
## 2881	chr19 40235427	+	C	136	chr19:40235392-40235467
## 2882	chr19 40235427	-	C	114	chr19:40235392-40235467
## 2883	chr19 40235428	+	A	1	chr19:40235392-40235467
## 2884	chr19 40235428	+	C	135	chr19:40235392-40235467
## 2885	chr19 40235428	-	C	114	chr19:40235392-40235467
## 2886	chr19 40235429	+	C	136	chr19:40235392-40235467
## 2887	chr19 40235429	-	C	114	chr19:40235392-40235467
## 2888	chr19 40235430	+	T	136	chr19:40235392-40235467
## 2889	chr19 40235430	-	T	114	chr19:40235392-40235467
## 2890	chr19 40235431	+	G	136	chr19:40235392-40235467
## 2891	chr19 40235431	-	G	114	chr19:40235392-40235467
## 2892	chr19 40235432	+	T	136	chr19:40235392-40235467
## 2893	chr19 40235432	-	T	114	chr19:40235392-40235467
## 2894	chr19 40235433	+	A	134	chr19:40235392-40235467
## 2895	chr19 40235433	-	A	115	chr19:40235392-40235467
## 2896	chr19 40235434	+	T	136	chr19:40235392-40235467
## 2897	chr19 40235434	-	T	115	chr19:40235392-40235467
## 2898	chr19 40235435	+	G	136	chr19:40235392-40235467
## 2899	chr19 40235435	-	G	115	chr19:40235392-40235467
## 2900	chr19 40235436	+	G	134	chr19:40235392-40235467
## 2901	chr19 40235436	-	G	116	chr19:40235392-40235467
## 2902	chr19 40235437	+	C	134	chr19:40235392-40235467
## 2903	chr19 40235437	-	C	115	chr19:40235392-40235467
## 2904	chr19 40235438	+	C	135	chr19:40235392-40235467
## 2905	chr19 40235438	-	C	115	chr19:40235392-40235467
## 2906	chr19 40235439	+	C	134	chr19:40235392-40235467
## 2907	chr19 40235439	-	C	116	chr19:40235392-40235467

## 2908	chr19 40235440	+	T 134	chr19:40235392-40235467
## 2909	chr19 40235440	-	T 116	chr19:40235392-40235467
## 2910	chr19 40235441	+	T 133	chr19:40235392-40235467
## 2911	chr19 40235441	-	T 117	chr19:40235392-40235467
## 2912	chr19 40235442	+	A 133	chr19:40235392-40235467
## 2913	chr19 40235442	-	A 117	chr19:40235392-40235467
## 2914	chr19 40235443	+	A 133	chr19:40235392-40235467
## 2915	chr19 40235443	-	A 117	chr19:40235392-40235467
## 2916	chr19 40235444	+	T 133	chr19:40235392-40235467
## 2917	chr19 40235444	-	T 117	chr19:40235392-40235467
## 2918	chr19 40235445	+	G 133	chr19:40235392-40235467
## 2919	chr19 40235445	-	G 117	chr19:40235392-40235467
## 2920	chr19 40235446	+	A 133	chr19:40235392-40235467
## 2921	chr19 40235446	-	A 117	chr19:40235392-40235467
## 2922	chr19 40235447	+	T 133	chr19:40235392-40235467
## 2923	chr19 40235447	-	T 117	chr19:40235392-40235467
## 2924	chr19 40235448	+	T 132	chr19:40235392-40235467
## 2925	chr19 40235448	-	T 118	chr19:40235392-40235467
## 2926	chr19 40235449	+	C 132	chr19:40235392-40235467
## 2927	chr19 40235449	-	C 118	chr19:40235392-40235467
## 2928	chr19 40235450	+	T 132	chr19:40235392-40235467
## 2929	chr19 40235450	-	T 118	chr19:40235392-40235467
## 2930	chr19 40235451	+	G 132	chr19:40235392-40235467
## 2931	chr19 40235451	-	G 118	chr19:40235392-40235467
## 2932	chr19 40235452	+	T 131	chr19:40235392-40235467
## 2933	chr19 40235452	-	T 118	chr19:40235392-40235467
## 2934	chr19 40235453	+	C 132	chr19:40235392-40235467
## 2935	chr19 40235453	-	C 118	chr19:40235392-40235467
## 2936	chr19 40235454	+	T 130	chr19:40235392-40235467
## 2937	chr19 40235454	-	T 119	chr19:40235392-40235467
## 2938	chr19 40235455	+	T 129	chr19:40235392-40235467
## 2939	chr19 40235455	-	T 121	chr19:40235392-40235467
## 2940	chr19 40235456	+	G 128	chr19:40235392-40235467
## 2941	chr19 40235456	-	G 122	chr19:40235392-40235467
## 2942	chr19 40235457	+	A 127	chr19:40235392-40235467
## 2943	chr19 40235457	-	A 123	chr19:40235392-40235467
## 2944	chr19 40235458	+	C 126	chr19:40235392-40235467
## 2945	chr19 40235458	-	C 124	chr19:40235392-40235467
## 2946	chr19 40235459	+	C 125	chr19:40235392-40235467
## 2947	chr19 40235459	-	C 125	chr19:40235392-40235467
## 2948	chr19 40235460	+	A 124	chr19:40235392-40235467
## 2949	chr19 40235460	-	A 126	chr19:40235392-40235467
## 2950	chr19 40235461	+	C 123	chr19:40235392-40235467
## 2951	chr19 40235461	-	C 127	chr19:40235392-40235467
## 2952	chr19 40235462	+	A 122	chr19:40235392-40235467
## 2953	chr19 40235462	-	A 127	chr19:40235392-40235467
## 2954	chr19 40235463	+	A 121	chr19:40235392-40235467
## 2955	chr19 40235463	-	A 128	chr19:40235392-40235467
## 2956	chr19 40235464	+	A 120	chr19:40235392-40235467
## 2957	chr19 40235464	-	A 130	chr19:40235392-40235467
## 2958	chr19 40235465	+	C 119	chr19:40235392-40235467
## 2959	chr19 40235465	-	C 131	chr19:40235392-40235467
## 2960	chr19 40235466	+	C 118	chr19:40235392-40235467
## 2961	chr19 40235466	-	C 132	chr19:40235392-40235467

## 2962	chr19 40235467	+	A 117	chr19:40235392-40235467
## 2963	chr19 40235467	-	A 133	chr19:40235392-40235467
## 2964	chr19 40235889	+	C 233	chr19:40235889-40236104
## 2965	chr19 40235889	-	C 71	chr19:40235889-40236104
## 2966	chr19 40235890	+	C 231	chr19:40235889-40236104
## 2967	chr19 40235890	-	C 67	chr19:40235889-40236104
## 2968	chr19 40235891	+	T 214	chr19:40235889-40236104
## 2969	chr19 40235891	-	T 67	chr19:40235889-40236104
## 2970	chr19 40235892	+	A 1	chr19:40235889-40236104
## 2971	chr19 40235892	+	C 206	chr19:40235889-40236104
## 2972	chr19 40235892	-	C 67	chr19:40235889-40236104
## 2973	chr19 40235893	+	T 200	chr19:40235889-40236104
## 2974	chr19 40235893	-	T 66	chr19:40235889-40236104
## 2975	chr19 40235894	+	G 197	chr19:40235889-40236104
## 2976	chr19 40235894	-	G 62	chr19:40235889-40236104
## 2977	chr19 40235895	+	C 194	chr19:40235889-40236104
## 2978	chr19 40235895	-	C 62	chr19:40235889-40236104
## 2979	chr19 40235896	+	T 192	chr19:40235889-40236104
## 2980	chr19 40235896	-	T 62	chr19:40235889-40236104
## 2981	chr19 40235897	+	T 187	chr19:40235889-40236104
## 2982	chr19 40235897	-	T 60	chr19:40235889-40236104
## 2983	chr19 40235898	+	G 177	chr19:40235889-40236104
## 2984	chr19 40235898	-	G 56	chr19:40235889-40236104
## 2985	chr19 40235899	+	G 175	chr19:40235889-40236104
## 2986	chr19 40235899	-	G 66	chr19:40235889-40236104
## 2987	chr19 40235900	+	G 170	chr19:40235889-40236104
## 2988	chr19 40235900	-	G 64	chr19:40235889-40236104
## 2989	chr19 40235901	+	G 179	chr19:40235889-40236104
## 2990	chr19 40235901	-	G 66	chr19:40235889-40236104
## 2991	chr19 40235901	-	T 1	chr19:40235889-40236104
## 2992	chr19 40235902	+	T 181	chr19:40235889-40236104
## 2993	chr19 40235902	-	T 64	chr19:40235889-40236104
## 2994	chr19 40235903	+	A 1	chr19:40235889-40236104
## 2995	chr19 40235903	+	C 181	chr19:40235889-40236104
## 2996	chr19 40235903	-	C 61	chr19:40235889-40236104
## 2997	chr19 40235904	+	C 184	chr19:40235889-40236104
## 2998	chr19 40235904	-	C 57	chr19:40235889-40236104
## 2999	chr19 40235905	+	T 189	chr19:40235889-40236104
## 3000	chr19 40235905	-	T 52	chr19:40235889-40236104
## 3001	chr19 40235906	+	T 185	chr19:40235889-40236104
## 3002	chr19 40235906	-	T 40	chr19:40235889-40236104
## 3003	chr19 40235907	+	C 192	chr19:40235889-40236104
## 3004	chr19 40235907	-	C 38	chr19:40235889-40236104
## 3005	chr19 40235908	+	T 182	chr19:40235889-40236104
## 3006	chr19 40235908	-	T 34	chr19:40235889-40236104
## 3007	chr19 40235909	+	T 185	chr19:40235889-40236104
## 3008	chr19 40235909	-	T 28	chr19:40235889-40236104
## 3009	chr19 40235910	+	A 187	chr19:40235889-40236104
## 3010	chr19 40235910	-	A 33	chr19:40235889-40236104
## 3011	chr19 40235911	+	A 195	chr19:40235889-40236104
## 3012	chr19 40235911	-	A 39	chr19:40235889-40236104
## 3013	chr19 40235912	+	G 211	chr19:40235889-40236104
## 3014	chr19 40235912	-	G 39	chr19:40235889-40236104
## 3015	chr19 40235913	+	C 211	chr19:40235889-40236104

## 3016	chr19 40235913	-	C	39	chr19:40235889-40236104
## 3017	chr19 40235914	+	A	211	chr19:40235889-40236104
## 3018	chr19 40235914	-	A	39	chr19:40235889-40236104
## 3019	chr19 40235915	+	G	210	chr19:40235889-40236104
## 3020	chr19 40235915	-	G	39	chr19:40235889-40236104
## 3021	chr19 40235915	+	T	1	chr19:40235889-40236104
## 3022	chr19 40235916	+	C	211	chr19:40235889-40236104
## 3023	chr19 40235916	-	C	39	chr19:40235889-40236104
## 3024	chr19 40235917	+	C	211	chr19:40235889-40236104
## 3025	chr19 40235917	-	C	39	chr19:40235889-40236104
## 3026	chr19 40235918	+	C	211	chr19:40235889-40236104
## 3027	chr19 40235918	-	C	39	chr19:40235889-40236104
## 3028	chr19 40235919	+	A	209	chr19:40235889-40236104
## 3029	chr19 40235919	-	A	39	chr19:40235889-40236104
## 3030	chr19 40235920	+	G	212	chr19:40235889-40236104
## 3031	chr19 40235920	-	G	39	chr19:40235889-40236104
## 3032	chr19 40235921	+	C	212	chr19:40235889-40236104
## 3033	chr19 40235921	-	C	39	chr19:40235889-40236104
## 3034	chr19 40235922	+	A	212	chr19:40235889-40236104
## 3035	chr19 40235922	-	A	39	chr19:40235889-40236104
## 3036	chr19 40235923	+	A	212	chr19:40235889-40236104
## 3037	chr19 40235923	-	A	39	chr19:40235889-40236104
## 3038	chr19 40235924	+	G	212	chr19:40235889-40236104
## 3039	chr19 40235924	-	G	39	chr19:40235889-40236104
## 3040	chr19 40235925	+	C	211	chr19:40235889-40236104
## 3041	chr19 40235925	-	C	39	chr19:40235889-40236104
## 3042	chr19 40235926	+	A	211	chr19:40235889-40236104
## 3043	chr19 40235926	-	A	39	chr19:40235889-40236104
## 3044	chr19 40235927	+	G	211	chr19:40235889-40236104
## 3045	chr19 40235927	-	G	39	chr19:40235889-40236104
## 3046	chr19 40235928	+	G	209	chr19:40235889-40236104
## 3047	chr19 40235928	-	G	39	chr19:40235889-40236104
## 3048	chr19 40235929	+	G	212	chr19:40235889-40236104
## 3049	chr19 40235929	-	G	38	chr19:40235889-40236104
## 3050	chr19 40235930	+	A	212	chr19:40235889-40236104
## 3051	chr19 40235930	-	A	38	chr19:40235889-40236104
## 3052	chr19 40235931	+	C	212	chr19:40235889-40236104
## 3053	chr19 40235931	-	C	38	chr19:40235889-40236104
## 3054	chr19 40235932	+	T	212	chr19:40235889-40236104
## 3055	chr19 40235932	-	T	38	chr19:40235889-40236104
## 3056	chr19 40235933	+	T	213	chr19:40235889-40236104
## 3057	chr19 40235933	-	T	38	chr19:40235889-40236104
## 3058	chr19 40235934	+	G	213	chr19:40235889-40236104
## 3059	chr19 40235934	-	G	38	chr19:40235889-40236104
## 3060	chr19 40235935	+	G	213	chr19:40235889-40236104
## 3061	chr19 40235935	-	G	38	chr19:40235889-40236104
## 3062	chr19 40235936	+	C	213	chr19:40235889-40236104
## 3063	chr19 40235936	-	C	38	chr19:40235889-40236104
## 3064	chr19 40235937	+	C	213	chr19:40235889-40236104
## 3065	chr19 40235937	-	C	38	chr19:40235889-40236104
## 3066	chr19 40235938	+	T	213	chr19:40235889-40236104
## 3067	chr19 40235938	-	T	38	chr19:40235889-40236104
## 3068	chr19 40235939	+	C	213	chr19:40235889-40236104
## 3069	chr19 40235939	-	C	38	chr19:40235889-40236104

## 3070	chr19 40235940	-	A	1	chr19:40235889-40236104
## 3071	chr19 40235940	+	G	212	chr19:40235889-40236104
## 3072	chr19 40235940	-	G	37	chr19:40235889-40236104
## 3073	chr19 40235940	+	T	1	chr19:40235889-40236104
## 3074	chr19 40235941	+	G	213	chr19:40235889-40236104
## 3075	chr19 40235941	-	G	38	chr19:40235889-40236104
## 3076	chr19 40235942	+	G	213	chr19:40235889-40236104
## 3077	chr19 40235942	-	G	38	chr19:40235889-40236104
## 3078	chr19 40235943	+	G	213	chr19:40235889-40236104
## 3079	chr19 40235943	-	G	38	chr19:40235889-40236104
## 3080	chr19 40235943	+	T	1	chr19:40235889-40236104
## 3081	chr19 40235944	+	C	213	chr19:40235889-40236104
## 3082	chr19 40235944	-	C	38	chr19:40235889-40236104
## 3083	chr19 40235944	+	T	1	chr19:40235889-40236104
## 3084	chr19 40235945	+	T	214	chr19:40235889-40236104
## 3085	chr19 40235945	-	T	38	chr19:40235889-40236104
## 3086	chr19 40235946	+	G	214	chr19:40235889-40236104
## 3087	chr19 40235946	-	G	38	chr19:40235889-40236104
## 3088	chr19 40235947	+	A	214	chr19:40235889-40236104
## 3089	chr19 40235947	-	A	37	chr19:40235889-40236104
## 3090	chr19 40235948	+	G	214	chr19:40235889-40236104
## 3091	chr19 40235948	-	G	37	chr19:40235889-40236104
## 3092	chr19 40235949	+	C	214	chr19:40235889-40236104
## 3093	chr19 40235949	-	C	37	chr19:40235889-40236104
## 3094	chr19 40235950	+	A	2	chr19:40235889-40236104
## 3095	chr19 40235950	+	G	212	chr19:40235889-40236104
## 3096	chr19 40235950	-	G	37	chr19:40235889-40236104
## 3097	chr19 40235951	+	A	1	chr19:40235889-40236104
## 3098	chr19 40235951	+	T	213	chr19:40235889-40236104
## 3099	chr19 40235951	-	T	37	chr19:40235889-40236104
## 3100	chr19 40235952	+	G	214	chr19:40235889-40236104
## 3101	chr19 40235952	-	G	37	chr19:40235889-40236104
## 3102	chr19 40235953	+	C	213	chr19:40235889-40236104
## 3103	chr19 40235953	-	C	37	chr19:40235889-40236104
## 3104	chr19 40235953	+	T	1	chr19:40235889-40236104
## 3105	chr19 40235954	+	G	213	chr19:40235889-40236104
## 3106	chr19 40235954	-	G	37	chr19:40235889-40236104
## 3107	chr19 40235954	+	T	1	chr19:40235889-40236104
## 3108	chr19 40235955	+	A	1	chr19:40235889-40236104
## 3109	chr19 40235955	+	C	212	chr19:40235889-40236104
## 3110	chr19 40235955	-	C	37	chr19:40235889-40236104
## 3111	chr19 40235956	+	G	214	chr19:40235889-40236104
## 3112	chr19 40235956	-	G	37	chr19:40235889-40236104
## 3113	chr19 40235957	+	G	214	chr19:40235889-40236104
## 3114	chr19 40235957	-	G	37	chr19:40235889-40236104
## 3115	chr19 40235958	+	G	214	chr19:40235889-40236104
## 3116	chr19 40235958	-	G	37	chr19:40235889-40236104
## 3117	chr19 40235959	+	A	214	chr19:40235889-40236104
## 3118	chr19 40235959	-	A	37	chr19:40235889-40236104
## 3119	chr19 40235960	+	A	214	chr19:40235889-40236104
## 3120	chr19 40235960	-	A	37	chr19:40235889-40236104
## 3121	chr19 40235961	+	G	214	chr19:40235889-40236104
## 3122	chr19 40235961	-	G	36	chr19:40235889-40236104
## 3123	chr19 40235962	+	C	214	chr19:40235889-40236104

## 3124	chr19 40235962	-	C	36	chr19:40235889-40236104
## 3125	chr19 40235963	+	G	214	chr19:40235889-40236104
## 3126	chr19 40235963	-	G	36	chr19:40235889-40236104
## 3127	chr19 40235964	+	G	213	chr19:40235889-40236104
## 3128	chr19 40235964	-	G	35	chr19:40235889-40236104
## 3129	chr19 40235965	+	A	214	chr19:40235889-40236104
## 3130	chr19 40235965	-	A	35	chr19:40235889-40236104
## 3131	chr19 40235965	+	T	1	chr19:40235889-40236104
## 3132	chr19 40235966	+	T	215	chr19:40235889-40236104
## 3133	chr19 40235966	-	T	35	chr19:40235889-40236104
## 3134	chr19 40235967	+	C	215	chr19:40235889-40236104
## 3135	chr19 40235967	-	C	35	chr19:40235889-40236104
## 3136	chr19 40235968	+	T	215	chr19:40235889-40236104
## 3137	chr19 40235968	-	T	35	chr19:40235889-40236104
## 3138	chr19 40235969	+	C	215	chr19:40235889-40236104
## 3139	chr19 40235969	-	C	35	chr19:40235889-40236104
## 3140	chr19 40235970	+	T	215	chr19:40235889-40236104
## 3141	chr19 40235970	-	T	35	chr19:40235889-40236104
## 3142	chr19 40235971	+	T	215	chr19:40235889-40236104
## 3143	chr19 40235971	-	T	35	chr19:40235889-40236104
## 3144	chr19 40235972	+	C	215	chr19:40235889-40236104
## 3145	chr19 40235972	-	C	34	chr19:40235889-40236104
## 3146	chr19 40235973	+	C	213	chr19:40235889-40236104
## 3147	chr19 40235973	-	C	34	chr19:40235889-40236104
## 3148	chr19 40235974	+	A	212	chr19:40235889-40236104
## 3149	chr19 40235974	-	A	27	chr19:40235889-40236104
## 3150	chr19 40235975	+	T	214	chr19:40235889-40236104
## 3151	chr19 40235975	-	T	27	chr19:40235889-40236104
## 3152	chr19 40235976	+	G	214	chr19:40235889-40236104
## 3153	chr19 40235976	-	G	22	chr19:40235889-40236104
## 3154	chr19 40235977	+	A	224	chr19:40235889-40236104
## 3155	chr19 40235977	-	A	22	chr19:40235889-40236104
## 3156	chr19 40235978	+	A	2	chr19:40235889-40236104
## 3157	chr19 40235978	+	G	220	chr19:40235889-40236104
## 3158	chr19 40235978	-	G	23	chr19:40235889-40236104
## 3159	chr19 40235979	+	G	221	chr19:40235889-40236104
## 3160	chr19 40235979	-	G	23	chr19:40235889-40236104
## 3161	chr19 40235980	+	A	218	chr19:40235889-40236104
## 3162	chr19 40235980	-	A	23	chr19:40235889-40236104
## 3163	chr19 40235981	+	T	218	chr19:40235889-40236104
## 3164	chr19 40235981	-	T	22	chr19:40235889-40236104
## 3165	chr19 40235982	+	G	215	chr19:40235889-40236104
## 3166	chr19 40235982	-	G	21	chr19:40235889-40236104
## 3167	chr19 40235983	+	A	221	chr19:40235889-40236104
## 3168	chr19 40235983	-	A	22	chr19:40235889-40236104
## 3169	chr19 40235984	-	C	1	chr19:40235889-40236104
## 3170	chr19 40235984	+	G	220	chr19:40235889-40236104
## 3171	chr19 40235984	-	G	17	chr19:40235889-40236104
## 3172	chr19 40235985	+	C	222	chr19:40235889-40236104
## 3173	chr19 40235985	-	C	9	chr19:40235889-40236104
## 3174	chr19 40235986	+	C	1	chr19:40235889-40236104
## 3175	chr19 40235986	+	T	209	chr19:40235889-40236104
## 3176	chr19 40235986	-	T	11	chr19:40235889-40236104
## 3177	chr19 40235987	+	A	1	chr19:40235889-40236104

## 3178	chr19 40235987	+	C	200	chr19:40235889-40236104
## 3179	chr19 40235987	-	C	32	chr19:40235889-40236104
## 3180	chr19 40235987	+	T	1	chr19:40235889-40236104
## 3181	chr19 40235988	+	G	218	chr19:40235889-40236104
## 3182	chr19 40235988	-	G	32	chr19:40235889-40236104
## 3183	chr19 40235989	+	A	218	chr19:40235889-40236104
## 3184	chr19 40235989	-	A	32	chr19:40235889-40236104
## 3185	chr19 40235990	+	A	218	chr19:40235889-40236104
## 3186	chr19 40235990	-	A	32	chr19:40235889-40236104
## 3187	chr19 40235991	+	G	218	chr19:40235889-40236104
## 3188	chr19 40235991	-	G	32	chr19:40235889-40236104
## 3189	chr19 40235992	+	A	218	chr19:40235889-40236104
## 3190	chr19 40235992	-	A	32	chr19:40235889-40236104
## 3191	chr19 40235993	+	G	218	chr19:40235889-40236104
## 3192	chr19 40235993	-	G	32	chr19:40235889-40236104
## 3193	chr19 40235994	+	G	218	chr19:40235889-40236104
## 3194	chr19 40235994	-	G	32	chr19:40235889-40236104
## 3195	chr19 40235995	+	C	216	chr19:40235889-40236104
## 3196	chr19 40235995	-	C	32	chr19:40235889-40236104
## 3197	chr19 40235996	+	A	1	chr19:40235889-40236104
## 3198	chr19 40235996	+	G	217	chr19:40235889-40236104
## 3199	chr19 40235996	-	G	32	chr19:40235889-40236104
## 3200	chr19 40235997	+	C	218	chr19:40235889-40236104
## 3201	chr19 40235997	-	C	32	chr19:40235889-40236104
## 3202	chr19 40235998	+	T	218	chr19:40235889-40236104
## 3203	chr19 40235998	-	T	32	chr19:40235889-40236104
## 3204	chr19 40235999	+	C	218	chr19:40235889-40236104
## 3205	chr19 40235999	-	C	32	chr19:40235889-40236104
## 3206	chr19 40236000	-	A	2	chr19:40235889-40236104
## 3207	chr19 40236000	+	G	218	chr19:40235889-40236104
## 3208	chr19 40236000	-	G	30	chr19:40235889-40236104
## 3209	chr19 40236001	+	T	218	chr19:40235889-40236104
## 3210	chr19 40236001	-	T	32	chr19:40235889-40236104
## 3211	chr19 40236002	+	G	218	chr19:40235889-40236104
## 3212	chr19 40236002	-	G	32	chr19:40235889-40236104
## 3213	chr19 40236003	+	G	218	chr19:40235889-40236104
## 3214	chr19 40236003	-	G	32	chr19:40235889-40236104
## 3215	chr19 40236004	+	A	1	chr19:40235889-40236104
## 3216	chr19 40236004	+	T	215	chr19:40235889-40236104
## 3217	chr19 40236004	-	T	32	chr19:40235889-40236104
## 3218	chr19 40236005	+	C	218	chr19:40235889-40236104
## 3219	chr19 40236005	-	C	32	chr19:40235889-40236104
## 3220	chr19 40236006	+	C	217	chr19:40235889-40236104
## 3221	chr19 40236006	-	C	32	chr19:40235889-40236104
## 3222	chr19 40236006	+	T	1	chr19:40235889-40236104
## 3223	chr19 40236007	+	T	218	chr19:40235889-40236104
## 3224	chr19 40236007	-	T	32	chr19:40235889-40236104
## 3225	chr19 40236008	+	G	218	chr19:40235889-40236104
## 3226	chr19 40236008	-	G	32	chr19:40235889-40236104
## 3227	chr19 40236009	+	G	218	chr19:40235889-40236104
## 3228	chr19 40236009	-	G	32	chr19:40235889-40236104
## 3229	chr19 40236010	+	T	218	chr19:40235889-40236104
## 3230	chr19 40236010	-	T	32	chr19:40235889-40236104
## 3231	chr19 40236011	+	T	218	chr19:40235889-40236104

## 3232	chr19 40236011	-	T	32	chr19:40235889-40236104
## 3233	chr19 40236012	+	G	218	chr19:40235889-40236104
## 3234	chr19 40236012	-	G	32	chr19:40235889-40236104
## 3235	chr19 40236013	+	C	1	chr19:40235889-40236104
## 3236	chr19 40236013	+	T	217	chr19:40235889-40236104
## 3237	chr19 40236013	-	T	32	chr19:40235889-40236104
## 3238	chr19 40236014	+	-	1	chr19:40235889-40236104
## 3239	chr19 40236014	+	A	217	chr19:40235889-40236104
## 3240	chr19 40236014	-	A	32	chr19:40235889-40236104
## 3241	chr19 40236015	+	A	1	chr19:40235889-40236104
## 3242	chr19 40236015	+	G	217	chr19:40235889-40236104
## 3243	chr19 40236015	-	G	32	chr19:40235889-40236104
## 3244	chr19 40236016	+	A	218	chr19:40235889-40236104
## 3245	chr19 40236016	-	A	32	chr19:40235889-40236104
## 3246	chr19 40236017	+	A	217	chr19:40235889-40236104
## 3247	chr19 40236017	-	A	32	chr19:40235889-40236104
## 3248	chr19 40236018	+	G	217	chr19:40235889-40236104
## 3249	chr19 40236018	-	G	32	chr19:40235889-40236104
## 3250	chr19 40236019	+	G	218	chr19:40235889-40236104
## 3251	chr19 40236019	-	G	32	chr19:40235889-40236104
## 3252	chr19 40236020	+	G	218	chr19:40235889-40236104
## 3253	chr19 40236020	-	G	32	chr19:40235889-40236104
## 3254	chr19 40236021	+	C	218	chr19:40235889-40236104
## 3255	chr19 40236021	-	C	32	chr19:40235889-40236104
## 3256	chr19 40236022	+	A	219	chr19:40235889-40236104
## 3257	chr19 40236022	-	A	32	chr19:40235889-40236104
## 3258	chr19 40236023	+	G	219	chr19:40235889-40236104
## 3259	chr19 40236023	-	G	32	chr19:40235889-40236104
## 3260	chr19 40236024	+	G	219	chr19:40235889-40236104
## 3261	chr19 40236024	-	G	32	chr19:40235889-40236104
## 3262	chr19 40236025	+	C	217	chr19:40235889-40236104
## 3263	chr19 40236025	-	C	32	chr19:40235889-40236104
## 3264	chr19 40236025	+	T	2	chr19:40235889-40236104
## 3265	chr19 40236026	+	A	1	chr19:40235889-40236104
## 3266	chr19 40236026	+	G	218	chr19:40235889-40236104
## 3267	chr19 40236026	-	G	32	chr19:40235889-40236104
## 3268	chr19 40236027	+	G	219	chr19:40235889-40236104
## 3269	chr19 40236027	-	G	32	chr19:40235889-40236104
## 3270	chr19 40236028	+	C	219	chr19:40235889-40236104
## 3271	chr19 40236028	-	C	32	chr19:40235889-40236104
## 3272	chr19 40236029	+	C	218	chr19:40235889-40236104
## 3273	chr19 40236029	-	C	32	chr19:40235889-40236104
## 3274	chr19 40236029	+	T	1	chr19:40235889-40236104
## 3275	chr19 40236030	+	G	218	chr19:40235889-40236104
## 3276	chr19 40236030	-	G	32	chr19:40235889-40236104
## 3277	chr19 40236031	+	C	218	chr19:40235889-40236104
## 3278	chr19 40236031	-	C	32	chr19:40235889-40236104
## 3279	chr19 40236032	+	A	217	chr19:40235889-40236104
## 3280	chr19 40236032	-	A	32	chr19:40235889-40236104
## 3281	chr19 40236032	+	G	1	chr19:40235889-40236104
## 3282	chr19 40236033	+	C	218	chr19:40235889-40236104
## 3283	chr19 40236033	-	C	32	chr19:40235889-40236104
## 3284	chr19 40236034	+	A	218	chr19:40235889-40236104
## 3285	chr19 40236034	-	A	32	chr19:40235889-40236104

## 3286	chr19 40236035	+	T	218	chr19:40235889-40236104
## 3287	chr19 40236035	-	T	32	chr19:40235889-40236104
## 3288	chr19 40236036	+	C	218	chr19:40235889-40236104
## 3289	chr19 40236036	-	C	32	chr19:40235889-40236104
## 3290	chr19 40236037	+	A	218	chr19:40235889-40236104
## 3291	chr19 40236037	-	A	32	chr19:40235889-40236104
## 3292	chr19 40236038	+	T	218	chr19:40235889-40236104
## 3293	chr19 40236038	-	T	32	chr19:40235889-40236104
## 3294	chr19 40236039	+	C	217	chr19:40235889-40236104
## 3295	chr19 40236039	-	C	32	chr19:40235889-40236104
## 3296	chr19 40236040	+	T	217	chr19:40235889-40236104
## 3297	chr19 40236040	-	T	32	chr19:40235889-40236104
## 3298	chr19 40236041	+	C	216	chr19:40235889-40236104
## 3299	chr19 40236041	-	C	33	chr19:40235889-40236104
## 3300	chr19 40236041	+	T	1	chr19:40235889-40236104
## 3301	chr19 40236042	+	A	1	chr19:40235889-40236104
## 3302	chr19 40236042	+	G	216	chr19:40235889-40236104
## 3303	chr19 40236042	-	G	33	chr19:40235889-40236104
## 3304	chr19 40236043	+	T	217	chr19:40235889-40236104
## 3305	chr19 40236043	-	T	33	chr19:40235889-40236104
## 3306	chr19 40236044	+	A	217	chr19:40235889-40236104
## 3307	chr19 40236044	-	A	33	chr19:40235889-40236104
## 3308	chr19 40236045	-	A	4	chr19:40235889-40236104
## 3309	chr19 40236045	+	C	216	chr19:40235889-40236104
## 3310	chr19 40236045	-	C	29	chr19:40235889-40236104
## 3311	chr19 40236045	+	T	1	chr19:40235889-40236104
## 3312	chr19 40236046	+	A	217	chr19:40235889-40236104
## 3313	chr19 40236046	-	A	33	chr19:40235889-40236104
## 3314	chr19 40236047	+	T	217	chr19:40235889-40236104
## 3315	chr19 40236047	-	T	33	chr19:40235889-40236104
## 3316	chr19 40236048	+	G	215	chr19:40235889-40236104
## 3317	chr19 40236048	-	G	32	chr19:40235889-40236104
## 3318	chr19 40236048	-	T	1	chr19:40235889-40236104
## 3319	chr19 40236049	+	A	209	chr19:40235889-40236104
## 3320	chr19 40236049	-	A	33	chr19:40235889-40236104
## 3321	chr19 40236049	+	C	2	chr19:40235889-40236104
## 3322	chr19 40236050	+	C	204	chr19:40235889-40236104
## 3323	chr19 40236050	-	C	36	chr19:40235889-40236104
## 3324	chr19 40236051	+	C	199	chr19:40235889-40236104
## 3325	chr19 40236051	-	C	39	chr19:40235889-40236104
## 3326	chr19 40236052	+	A	186	chr19:40235889-40236104
## 3327	chr19 40236052	-	A	51	chr19:40235889-40236104
## 3328	chr19 40236053	+	A	1	chr19:40235889-40236104
## 3329	chr19 40236053	+	C	189	chr19:40235889-40236104
## 3330	chr19 40236053	-	C	54	chr19:40235889-40236104
## 3331	chr19 40236054	+	A	179	chr19:40235889-40236104
## 3332	chr19 40236054	-	A	60	chr19:40235889-40236104
## 3333	chr19 40236054	+	G	1	chr19:40235889-40236104
## 3334	chr19 40236055	+	C	177	chr19:40235889-40236104
## 3335	chr19 40236055	-	C	69	chr19:40235889-40236104
## 3336	chr19 40236056	+	C	169	chr19:40235889-40236104
## 3337	chr19 40236056	-	C	73	chr19:40235889-40236104
## 3338	chr19 40236057	+	C	163	chr19:40235889-40236104
## 3339	chr19 40236057	-	C	78	chr19:40235889-40236104

## 3340	chr19 40236058	+	A	155	chr19:40235889-40236104
## 3341	chr19 40236058	-	A	80	chr19:40235889-40236104
## 3342	chr19 40236059	+	G	151	chr19:40235889-40236104
## 3343	chr19 40236059	-	G	94	chr19:40235889-40236104
## 3344	chr19 40236060	+	-	1	chr19:40235889-40236104
## 3345	chr19 40236060	+	C	145	chr19:40235889-40236104
## 3346	chr19 40236060	-	C	93	chr19:40235889-40236104
## 3347	chr19 40236061	+	C	137	chr19:40235889-40236104
## 3348	chr19 40236061	-	C	96	chr19:40235889-40236104
## 3349	chr19 40236062	+	C	129	chr19:40235889-40236104
## 3350	chr19 40236062	-	C	93	chr19:40235889-40236104
## 3351	chr19 40236063	+	C	114	chr19:40235889-40236104
## 3352	chr19 40236063	-	C	110	chr19:40235889-40236104
## 3353	chr19 40236064	+	C	114	chr19:40235889-40236104
## 3354	chr19 40236064	-	C	135	chr19:40235889-40236104
## 3355	chr19 40236065	+	A	115	chr19:40235889-40236104
## 3356	chr19 40236065	-	A	135	chr19:40235889-40236104
## 3357	chr19 40236066	+	C	116	chr19:40235889-40236104
## 3358	chr19 40236066	-	C	135	chr19:40235889-40236104
## 3359	chr19 40236067	+	C	115	chr19:40235889-40236104
## 3360	chr19 40236067	-	C	136	chr19:40235889-40236104
## 3361	chr19 40236068	+	A	115	chr19:40235889-40236104
## 3362	chr19 40236068	-	A	136	chr19:40235889-40236104
## 3363	chr19 40236069	+	G	114	chr19:40235889-40236104
## 3364	chr19 40236069	-	G	137	chr19:40235889-40236104
## 3365	chr19 40236070	-	G	1	chr19:40235889-40236104
## 3366	chr19 40236070	+	T	113	chr19:40235889-40236104
## 3367	chr19 40236070	-	T	137	chr19:40235889-40236104
## 3368	chr19 40236071	+	C	110	chr19:40235889-40236104
## 3369	chr19 40236071	-	C	139	chr19:40235889-40236104
## 3370	chr19 40236072	+	A	1	chr19:40235889-40236104
## 3371	chr19 40236072	+	C	111	chr19:40235889-40236104
## 3372	chr19 40236072	-	C	139	chr19:40235889-40236104
## 3373	chr19 40236073	+	A	110	chr19:40235889-40236104
## 3374	chr19 40236073	-	A	139	chr19:40235889-40236104
## 3375	chr19 40236073	+	G	1	chr19:40235889-40236104
## 3376	chr19 40236074	+	C	112	chr19:40235889-40236104
## 3377	chr19 40236074	-	C	137	chr19:40235889-40236104
## 3378	chr19 40236074	-	T	2	chr19:40235889-40236104
## 3379	chr19 40236075	+	A	2	chr19:40235889-40236104
## 3380	chr19 40236075	+	G	110	chr19:40235889-40236104
## 3381	chr19 40236075	-	G	139	chr19:40235889-40236104
## 3382	chr19 40236076	+	G	112	chr19:40235889-40236104
## 3383	chr19 40236076	-	G	139	chr19:40235889-40236104
## 3384	chr19 40236077	+	C	112	chr19:40235889-40236104
## 3385	chr19 40236077	-	C	139	chr19:40235889-40236104
## 3386	chr19 40236078	+	C	111	chr19:40235889-40236104
## 3387	chr19 40236078	-	C	140	chr19:40235889-40236104
## 3388	chr19 40236079	+	C	110	chr19:40235889-40236104
## 3389	chr19 40236079	-	C	141	chr19:40235889-40236104
## 3390	chr19 40236080	-	A	2	chr19:40235889-40236104
## 3391	chr19 40236080	+	C	1	chr19:40235889-40236104
## 3392	chr19 40236080	+	G	107	chr19:40235889-40236104
## 3393	chr19 40236080	-	G	139	chr19:40235889-40236104

## 3394	chr19 40236081	+	G 107	chr19:40235889-40236104
## 3395	chr19 40236081	-	G 143	chr19:40235889-40236104
## 3396	chr19 40236082	+	C 107	chr19:40235889-40236104
## 3397	chr19 40236082	-	C 143	chr19:40235889-40236104
## 3398	chr19 40236083	+	C 107	chr19:40235889-40236104
## 3399	chr19 40236083	-	C 143	chr19:40235889-40236104
## 3400	chr19 40236084	+	A 107	chr19:40235889-40236104
## 3401	chr19 40236084	-	A 143	chr19:40235889-40236104
## 3402	chr19 40236085	+	T 107	chr19:40235889-40236104
## 3403	chr19 40236085	-	T 143	chr19:40235889-40236104
## 3404	chr19 40236086	+	A 107	chr19:40235889-40236104
## 3405	chr19 40236086	-	A 143	chr19:40235889-40236104
## 3406	chr19 40236087	+	G 107	chr19:40235889-40236104
## 3407	chr19 40236087	-	G 143	chr19:40235889-40236104
## 3408	chr19 40236088	-	G 2	chr19:40235889-40236104
## 3409	chr19 40236088	+	T 107	chr19:40235889-40236104
## 3410	chr19 40236088	-	T 141	chr19:40235889-40236104
## 3411	chr19 40236089	+	C 107	chr19:40235889-40236104
## 3412	chr19 40236089	-	C 143	chr19:40235889-40236104
## 3413	chr19 40236090	+	A 107	chr19:40235889-40236104
## 3414	chr19 40236090	-	A 143	chr19:40235889-40236104
## 3415	chr19 40236091	+	T 106	chr19:40235889-40236104
## 3416	chr19 40236091	-	T 144	chr19:40235889-40236104
## 3417	chr19 40236092	+	T 106	chr19:40235889-40236104
## 3418	chr19 40236092	-	T 144	chr19:40235889-40236104
## 3419	chr19 40236093	+	G 105	chr19:40235889-40236104
## 3420	chr19 40236093	-	G 144	chr19:40235889-40236104
## 3421	chr19 40236094	+	T 106	chr19:40235889-40236104
## 3422	chr19 40236094	-	T 144	chr19:40235889-40236104
## 3423	chr19 40236095	+	C 104	chr19:40235889-40236104
## 3424	chr19 40236095	-	C 145	chr19:40235889-40236104
## 3425	chr19 40236096	+	C 104	chr19:40235889-40236104
## 3426	chr19 40236096	-	C 146	chr19:40235889-40236104
## 3427	chr19 40236097	+	T 104	chr19:40235889-40236104
## 3428	chr19 40236097	-	T 146	chr19:40235889-40236104
## 3429	chr19 40236098	+	C 103	chr19:40235889-40236104
## 3430	chr19 40236098	-	C 147	chr19:40235889-40236104
## 3431	chr19 40236099	+	C 102	chr19:40235889-40236104
## 3432	chr19 40236099	-	C 148	chr19:40235889-40236104
## 3433	chr19 40236100	+	A 102	chr19:40235889-40236104
## 3434	chr19 40236100	-	A 148	chr19:40235889-40236104
## 3435	chr19 40236101	+	G 102	chr19:40235889-40236104
## 3436	chr19 40236101	-	G 148	chr19:40235889-40236104
## 3437	chr19 40236102	+	C 102	chr19:40235889-40236104
## 3438	chr19 40236102	-	C 148	chr19:40235889-40236104
## 3439	chr19 40236103	+	A 101	chr19:40235889-40236104
## 3440	chr19 40236103	-	A 148	chr19:40235889-40236104
## 3441	chr19 40236104	+	C 103	chr19:40235889-40236104
## 3442	chr19 40236104	-	C 147	chr19:40235889-40236104
## 3443	chr19 40236256	+	C 159	chr19:40236256-40236385
## 3444	chr19 40236256	-	C 134	chr19:40236256-40236385
## 3445	chr19 40236257	+	C 157	chr19:40236256-40236385
## 3446	chr19 40236257	-	C 132	chr19:40236256-40236385
## 3447	chr19 40236258	+	G 1	chr19:40236256-40236385

## 3448	chr19 40236258	+	T	148	chr19:40236256-40236385
## 3449	chr19 40236258	-	T	130	chr19:40236256-40236385
## 3450	chr19 40236259	+	C	149	chr19:40236256-40236385
## 3451	chr19 40236259	-	C	125	chr19:40236256-40236385
## 3452	chr19 40236260	+	A	135	chr19:40236256-40236385
## 3453	chr19 40236260	-	A	124	chr19:40236256-40236385
## 3454	chr19 40236260	+	C	1	chr19:40236256-40236385
## 3455	chr19 40236260	-	G	1	chr19:40236256-40236385
## 3456	chr19 40236261	-	A	1	chr19:40236256-40236385
## 3457	chr19 40236261	+	G	135	chr19:40236256-40236385
## 3458	chr19 40236261	-	G	124	chr19:40236256-40236385
## 3459	chr19 40236262	+	G	135	chr19:40236256-40236385
## 3460	chr19 40236262	-	G	123	chr19:40236256-40236385
## 3461	chr19 40236263	+	C	135	chr19:40236256-40236385
## 3462	chr19 40236263	-	C	123	chr19:40236256-40236385
## 3463	chr19 40236264	-	A	1	chr19:40236256-40236385
## 3464	chr19 40236264	+	G	133	chr19:40236256-40236385
## 3465	chr19 40236264	-	G	120	chr19:40236256-40236385
## 3466	chr19 40236265	+	C	133	chr19:40236256-40236385
## 3467	chr19 40236265	-	C	114	chr19:40236256-40236385
## 3468	chr19 40236266	+	C	134	chr19:40236256-40236385
## 3469	chr19 40236266	-	C	112	chr19:40236256-40236385
## 3470	chr19 40236267	+	A	133	chr19:40236256-40236385
## 3471	chr19 40236267	-	A	110	chr19:40236256-40236385
## 3472	chr19 40236268	-	A	1	chr19:40236256-40236385
## 3473	chr19 40236268	+	C	1	chr19:40236256-40236385
## 3474	chr19 40236268	+	G	140	chr19:40236256-40236385
## 3475	chr19 40236268	-	G	107	chr19:40236256-40236385
## 3476	chr19 40236269	+	G	141	chr19:40236256-40236385
## 3477	chr19 40236269	-	G	106	chr19:40236256-40236385
## 3478	chr19 40236270	+	T	140	chr19:40236256-40236385
## 3479	chr19 40236270	-	T	104	chr19:40236256-40236385
## 3480	chr19 40236271	+	A	144	chr19:40236256-40236385
## 3481	chr19 40236271	-	A	102	chr19:40236256-40236385
## 3482	chr19 40236272	+	C	144	chr19:40236256-40236385
## 3483	chr19 40236272	-	C	97	chr19:40236256-40236385
## 3484	chr19 40236273	+	T	149	chr19:40236256-40236385
## 3485	chr19 40236273	-	T	97	chr19:40236256-40236385
## 3486	chr19 40236274	+	C	151	chr19:40236256-40236385
## 3487	chr19 40236274	-	C	82	chr19:40236256-40236385
## 3488	chr19 40236275	+	C	155	chr19:40236256-40236385
## 3489	chr19 40236275	-	C	90	chr19:40236256-40236385
## 3490	chr19 40236276	+	G	161	chr19:40236256-40236385
## 3491	chr19 40236276	-	G	87	chr19:40236256-40236385
## 3492	chr19 40236277	+	G	161	chr19:40236256-40236385
## 3493	chr19 40236277	-	G	72	chr19:40236256-40236385
## 3494	chr19 40236277	-	T	2	chr19:40236256-40236385
## 3495	chr19 40236278	+	G	175	chr19:40236256-40236385
## 3496	chr19 40236278	-	G	69	chr19:40236256-40236385
## 3497	chr19 40236279	+	G	179	chr19:40236256-40236385
## 3498	chr19 40236279	-	G	64	chr19:40236256-40236385
## 3499	chr19 40236280	-	G	1	chr19:40236256-40236385
## 3500	chr19 40236280	+	T	186	chr19:40236256-40236385
## 3501	chr19 40236280	-	T	59	chr19:40236256-40236385

## 3502	chr19 40236281	+	C	185	chr19:40236256-40236385
## 3503	chr19 40236281	-	C	53	chr19:40236256-40236385
## 3504	chr19 40236281	+	T	2	chr19:40236256-40236385
## 3505	chr19 40236282	+	C	194	chr19:40236256-40236385
## 3506	chr19 40236282	-	C	45	chr19:40236256-40236385
## 3507	chr19 40236283	+	C	196	chr19:40236256-40236385
## 3508	chr19 40236283	-	C	41	chr19:40236256-40236385
## 3509	chr19 40236284	+	A	201	chr19:40236256-40236385
## 3510	chr19 40236284	-	A	42	chr19:40236256-40236385
## 3511	chr19 40236284	+	C	1	chr19:40236256-40236385
## 3512	chr19 40236285	+	A	1	chr19:40236256-40236385
## 3513	chr19 40236285	+	C	207	chr19:40236256-40236385
## 3514	chr19 40236285	-	C	39	chr19:40236256-40236385
## 3515	chr19 40236286	+	A	206	chr19:40236256-40236385
## 3516	chr19 40236286	-	A	36	chr19:40236256-40236385
## 3517	chr19 40236287	+	G	201	chr19:40236256-40236385
## 3518	chr19 40236287	-	G	26	chr19:40236256-40236385
## 3519	chr19 40236288	+	A	202	chr19:40236256-40236385
## 3520	chr19 40236288	-	A	29	chr19:40236256-40236385
## 3521	chr19 40236289	+	A	208	chr19:40236256-40236385
## 3522	chr19 40236289	-	A	34	chr19:40236256-40236385
## 3523	chr19 40236290	+	G	215	chr19:40236256-40236385
## 3524	chr19 40236290	-	G	35	chr19:40236256-40236385
## 3525	chr19 40236291	+	G	215	chr19:40236256-40236385
## 3526	chr19 40236291	-	G	35	chr19:40236256-40236385
## 3527	chr19 40236292	+	T	215	chr19:40236256-40236385
## 3528	chr19 40236292	-	T	35	chr19:40236256-40236385
## 3529	chr19 40236293	+	T	215	chr19:40236256-40236385
## 3530	chr19 40236293	-	T	35	chr19:40236256-40236385
## 3531	chr19 40236294	+	T	215	chr19:40236256-40236385
## 3532	chr19 40236294	-	T	35	chr19:40236256-40236385
## 3533	chr19 40236295	+	C	1	chr19:40236256-40236385
## 3534	chr19 40236295	+	T	214	chr19:40236256-40236385
## 3535	chr19 40236295	-	T	35	chr19:40236256-40236385
## 3536	chr19 40236296	+	A	1	chr19:40236256-40236385
## 3537	chr19 40236296	+	C	214	chr19:40236256-40236385
## 3538	chr19 40236296	-	C	35	chr19:40236256-40236385
## 3539	chr19 40236297	+	A	215	chr19:40236256-40236385
## 3540	chr19 40236297	-	A	35	chr19:40236256-40236385
## 3541	chr19 40236298	+	T	215	chr19:40236256-40236385
## 3542	chr19 40236298	-	T	35	chr19:40236256-40236385
## 3543	chr19 40236299	+	G	215	chr19:40236256-40236385
## 3544	chr19 40236299	-	G	35	chr19:40236256-40236385
## 3545	chr19 40236300	+	G	215	chr19:40236256-40236385
## 3546	chr19 40236300	-	G	35	chr19:40236256-40236385
## 3547	chr19 40236301	+	T	215	chr19:40236256-40236385
## 3548	chr19 40236301	-	T	35	chr19:40236256-40236385
## 3549	chr19 40236302	+	G	215	chr19:40236256-40236385
## 3550	chr19 40236302	-	G	35	chr19:40236256-40236385
## 3551	chr19 40236303	+	C	1	chr19:40236256-40236385
## 3552	chr19 40236303	+	G	214	chr19:40236256-40236385
## 3553	chr19 40236303	-	G	35	chr19:40236256-40236385
## 3554	chr19 40236304	+	C	215	chr19:40236256-40236385
## 3555	chr19 40236304	-	C	35	chr19:40236256-40236385

## 3556	chr19 40236305	+	C	215	chr19:40236256-40236385
## 3557	chr19 40236305	-	C	35	chr19:40236256-40236385
## 3558	chr19 40236306	+	A	2	chr19:40236256-40236385
## 3559	chr19 40236306	+	C	213	chr19:40236256-40236385
## 3560	chr19 40236306	-	C	35	chr19:40236256-40236385
## 3561	chr19 40236307	+	C	215	chr19:40236256-40236385
## 3562	chr19 40236307	-	C	35	chr19:40236256-40236385
## 3563	chr19 40236308	+	G	215	chr19:40236256-40236385
## 3564	chr19 40236308	-	G	35	chr19:40236256-40236385
## 3565	chr19 40236309	+	T	215	chr19:40236256-40236385
## 3566	chr19 40236309	-	T	35	chr19:40236256-40236385
## 3567	chr19 40236310	+	C	215	chr19:40236256-40236385
## 3568	chr19 40236310	-	C	35	chr19:40236256-40236385
## 3569	chr19 40236311	+	A	215	chr19:40236256-40236385
## 3570	chr19 40236311	-	A	35	chr19:40236256-40236385
## 3571	chr19 40236312	+	C	215	chr19:40236256-40236385
## 3572	chr19 40236312	-	C	35	chr19:40236256-40236385
## 3573	chr19 40236313	+	T	216	chr19:40236256-40236385
## 3574	chr19 40236313	-	T	35	chr19:40236256-40236385
## 3575	chr19 40236314	+	G	216	chr19:40236256-40236385
## 3576	chr19 40236314	-	G	35	chr19:40236256-40236385
## 3577	chr19 40236315	+	A	216	chr19:40236256-40236385
## 3578	chr19 40236315	-	A	35	chr19:40236256-40236385
## 3579	chr19 40236316	+	C	1	chr19:40236256-40236385
## 3580	chr19 40236316	+	T	215	chr19:40236256-40236385
## 3581	chr19 40236316	-	T	35	chr19:40236256-40236385
## 3582	chr19 40236317	+	G	216	chr19:40236256-40236385
## 3583	chr19 40236317	-	G	35	chr19:40236256-40236385
## 3584	chr19 40236318	+	C	216	chr19:40236256-40236385
## 3585	chr19 40236318	-	C	35	chr19:40236256-40236385
## 3586	chr19 40236319	+	C	216	chr19:40236256-40236385
## 3587	chr19 40236319	-	C	35	chr19:40236256-40236385
## 3588	chr19 40236320	+	C	216	chr19:40236256-40236385
## 3589	chr19 40236320	-	C	35	chr19:40236256-40236385
## 3590	chr19 40236321	+	T	216	chr19:40236256-40236385
## 3591	chr19 40236321	-	T	35	chr19:40236256-40236385
## 3592	chr19 40236322	+	C	216	chr19:40236256-40236385
## 3593	chr19 40236322	-	C	35	chr19:40236256-40236385
## 3594	chr19 40236323	+	T	216	chr19:40236256-40236385
## 3595	chr19 40236323	-	T	35	chr19:40236256-40236385
## 3596	chr19 40236324	+	T	216	chr19:40236256-40236385
## 3597	chr19 40236324	-	T	35	chr19:40236256-40236385
## 3598	chr19 40236325	+	T	216	chr19:40236256-40236385
## 3599	chr19 40236325	-	T	35	chr19:40236256-40236385
## 3600	chr19 40236326	+	G	216	chr19:40236256-40236385
## 3601	chr19 40236326	-	G	35	chr19:40236256-40236385
## 3602	chr19 40236327	+	C	215	chr19:40236256-40236385
## 3603	chr19 40236327	-	C	35	chr19:40236256-40236385
## 3604	chr19 40236327	+	T	1	chr19:40236256-40236385
## 3605	chr19 40236328	+	A	217	chr19:40236256-40236385
## 3606	chr19 40236328	-	A	35	chr19:40236256-40236385
## 3607	chr19 40236329	+	G	217	chr19:40236256-40236385
## 3608	chr19 40236329	-	G	35	chr19:40236256-40236385
## 3609	chr19 40236330	+	A	215	chr19:40236256-40236385

## 3610	chr19 40236330	-	A	35	chr19:40236256-40236385
## 3611	chr19 40236331	+	G	216	chr19:40236256-40236385
## 3612	chr19 40236331	-	G	35	chr19:40236256-40236385
## 3613	chr19 40236332	+	G	216	chr19:40236256-40236385
## 3614	chr19 40236332	-	G	35	chr19:40236256-40236385
## 3615	chr19 40236333	+	C	216	chr19:40236256-40236385
## 3616	chr19 40236333	-	C	35	chr19:40236256-40236385
## 3617	chr19 40236334	+	C	216	chr19:40236256-40236385
## 3618	chr19 40236334	-	C	35	chr19:40236256-40236385
## 3619	chr19 40236335	+	A	216	chr19:40236256-40236385
## 3620	chr19 40236335	-	A	35	chr19:40236256-40236385
## 3621	chr19 40236336	+	A	217	chr19:40236256-40236385
## 3622	chr19 40236336	-	A	35	chr19:40236256-40236385
## 3623	chr19 40236337	+	A	216	chr19:40236256-40236385
## 3624	chr19 40236337	-	A	35	chr19:40236256-40236385
## 3625	chr19 40236337	+	G	1	chr19:40236256-40236385
## 3626	chr19 40236338	+	C	1	chr19:40236256-40236385
## 3627	chr19 40236338	+	G	215	chr19:40236256-40236385
## 3628	chr19 40236338	-	G	35	chr19:40236256-40236385
## 3629	chr19 40236338	+	T	1	chr19:40236256-40236385
## 3630	chr19 40236339	+	T	216	chr19:40236256-40236385
## 3631	chr19 40236339	-	T	35	chr19:40236256-40236385
## 3632	chr19 40236340	+	C	216	chr19:40236256-40236385
## 3633	chr19 40236340	-	C	35	chr19:40236256-40236385
## 3634	chr19 40236341	+	A	213	chr19:40236256-40236385
## 3635	chr19 40236341	-	A	35	chr19:40236256-40236385
## 3636	chr19 40236342	+	G	211	chr19:40236256-40236385
## 3637	chr19 40236342	-	G	35	chr19:40236256-40236385
## 3638	chr19 40236343	+	T	208	chr19:40236256-40236385
## 3639	chr19 40236343	-	T	35	chr19:40236256-40236385
## 3640	chr19 40236344	+	G	214	chr19:40236256-40236385
## 3641	chr19 40236344	-	G	35	chr19:40236256-40236385
## 3642	chr19 40236345	+	A	212	chr19:40236256-40236385
## 3643	chr19 40236345	-	A	35	chr19:40236256-40236385
## 3644	chr19 40236346	+	T	209	chr19:40236256-40236385
## 3645	chr19 40236346	-	T	35	chr19:40236256-40236385
## 3646	chr19 40236347	+	C	211	chr19:40236256-40236385
## 3647	chr19 40236347	-	C	35	chr19:40236256-40236385
## 3648	chr19 40236348	+	T	210	chr19:40236256-40236385
## 3649	chr19 40236348	-	T	31	chr19:40236256-40236385
## 3650	chr19 40236349	+	T	208	chr19:40236256-40236385
## 3651	chr19 40236349	-	T	38	chr19:40236256-40236385
## 3652	chr19 40236350	+	G	208	chr19:40236256-40236385
## 3653	chr19 40236350	-	G	26	chr19:40236256-40236385
## 3654	chr19 40236351	+	A	214	chr19:40236256-40236385
## 3655	chr19 40236351	-	A	31	chr19:40236256-40236385
## 3656	chr19 40236352	+	C	1	chr19:40236256-40236385
## 3657	chr19 40236352	+	T	216	chr19:40236256-40236385
## 3658	chr19 40236352	-	T	31	chr19:40236256-40236385
## 3659	chr19 40236353	+	G	204	chr19:40236256-40236385
## 3660	chr19 40236353	-	G	31	chr19:40236256-40236385
## 3661	chr19 40236354	+	T	214	chr19:40236256-40236385
## 3662	chr19 40236354	-	T	31	chr19:40236256-40236385
## 3663	chr19 40236355	+	G	212	chr19:40236256-40236385

## 3664	chr19 40236355	-	G	31	chr19:40236256-40236385
## 3665	chr19 40236356	+	G	211	chr19:40236256-40236385
## 3666	chr19 40236356	-	G	35	chr19:40236256-40236385
## 3667	chr19 40236357	+	C	203	chr19:40236256-40236385
## 3668	chr19 40236357	-	C	35	chr19:40236256-40236385
## 3669	chr19 40236358	+	C	209	chr19:40236256-40236385
## 3670	chr19 40236358	-	C	33	chr19:40236256-40236385
## 3671	chr19 40236359	+	A	208	chr19:40236256-40236385
## 3672	chr19 40236359	-	A	30	chr19:40236256-40236385
## 3673	chr19 40236360	+	T	213	chr19:40236256-40236385
## 3674	chr19 40236360	-	T	31	chr19:40236256-40236385
## 3675	chr19 40236361	+	C	215	chr19:40236256-40236385
## 3676	chr19 40236361	-	C	32	chr19:40236256-40236385
## 3677	chr19 40236362	+	T	210	chr19:40236256-40236385
## 3678	chr19 40236362	-	T	32	chr19:40236256-40236385
## 3679	chr19 40236363	+	T	208	chr19:40236256-40236385
## 3680	chr19 40236363	-	T	29	chr19:40236256-40236385
## 3681	chr19 40236364	+	T	204	chr19:40236256-40236385
## 3682	chr19 40236364	-	T	33	chr19:40236256-40236385
## 3683	chr19 40236365	+	G	199	chr19:40236256-40236385
## 3684	chr19 40236365	-	G	36	chr19:40236256-40236385
## 3685	chr19 40236366	+	T	203	chr19:40236256-40236385
## 3686	chr19 40236366	-	T	42	chr19:40236256-40236385
## 3687	chr19 40236367	+	C	208	chr19:40236256-40236385
## 3688	chr19 40236367	-	C	42	chr19:40236256-40236385
## 3689	chr19 40236368	+	C	208	chr19:40236256-40236385
## 3690	chr19 40236368	-	C	42	chr19:40236256-40236385
## 3691	chr19 40236369	+	A	208	chr19:40236256-40236385
## 3692	chr19 40236369	-	A	42	chr19:40236256-40236385
## 3693	chr19 40236370	+	G	208	chr19:40236256-40236385
## 3694	chr19 40236370	-	G	42	chr19:40236256-40236385
## 3695	chr19 40236371	+	C	208	chr19:40236256-40236385
## 3696	chr19 40236371	-	C	42	chr19:40236256-40236385
## 3697	chr19 40236372	+	A	208	chr19:40236256-40236385
## 3698	chr19 40236372	-	A	42	chr19:40236256-40236385
## 3699	chr19 40236373	+	T	208	chr19:40236256-40236385
## 3700	chr19 40236373	-	T	42	chr19:40236256-40236385
## 3701	chr19 40236374	+	G	208	chr19:40236256-40236385
## 3702	chr19 40236374	-	G	42	chr19:40236256-40236385
## 3703	chr19 40236375	+	A	208	chr19:40236256-40236385
## 3704	chr19 40236375	-	A	42	chr19:40236256-40236385
## 3705	chr19 40236376	+	G	208	chr19:40236256-40236385
## 3706	chr19 40236376	-	G	42	chr19:40236256-40236385
## 3707	chr19 40236377	+	G	208	chr19:40236256-40236385
## 3708	chr19 40236377	-	G	42	chr19:40236256-40236385
## 3709	chr19 40236378	+	T	208	chr19:40236256-40236385
## 3710	chr19 40236378	-	T	42	chr19:40236256-40236385
## 3711	chr19 40236379	+	T	209	chr19:40236256-40236385
## 3712	chr19 40236379	-	T	42	chr19:40236256-40236385
## 3713	chr19 40236380	+	G	1	chr19:40236256-40236385
## 3714	chr19 40236380	+	T	208	chr19:40236256-40236385
## 3715	chr19 40236380	-	T	42	chr19:40236256-40236385
## 3716	chr19 40236381	+	T	209	chr19:40236256-40236385
## 3717	chr19 40236381	-	T	42	chr19:40236256-40236385

## 3718	chr19 40236382	+	C	209	chr19:40236256-40236385
## 3719	chr19 40236382	-	C	42	chr19:40236256-40236385
## 3720	chr19 40236383	+	C	209	chr19:40236256-40236385
## 3721	chr19 40236383	-	C	42	chr19:40236256-40236385
## 3722	chr19 40236384	+	A	209	chr19:40236256-40236385
## 3723	chr19 40236384	-	A	42	chr19:40236256-40236385
## 3724	chr19 40236385	+	G	209	chr19:40236256-40236385
## 3725	chr19 40236385	-	G	42	chr19:40236256-40236385
## 3726	chr19 40237968	+	C	259	chr19:40237968-40238091
## 3727	chr19 40237968	-	C	44	chr19:40237968-40238091
## 3728	chr19 40237969	+	C	251	chr19:40237968-40238091
## 3729	chr19 40237969	-	C	41	chr19:40237968-40238091
## 3730	chr19 40237970	+	T	248	chr19:40237968-40238091
## 3731	chr19 40237970	-	T	41	chr19:40237968-40238091
## 3732	chr19 40237971	+	T	241	chr19:40237968-40238091
## 3733	chr19 40237971	-	T	40	chr19:40237968-40238091
## 3734	chr19 40237972	-	A	1	chr19:40237968-40238091
## 3735	chr19 40237972	+	G	239	chr19:40237968-40238091
## 3736	chr19 40237972	-	G	39	chr19:40237968-40238091
## 3737	chr19 40237973	+	A	239	chr19:40237968-40238091
## 3738	chr19 40237973	-	A	40	chr19:40237968-40238091
## 3739	chr19 40237974	+	T	226	chr19:40237968-40238091
## 3740	chr19 40237974	-	T	38	chr19:40237968-40238091
## 3741	chr19 40237975	+	G	220	chr19:40237968-40238091
## 3742	chr19 40237975	-	G	37	chr19:40237968-40238091
## 3743	chr19 40237976	+	T	217	chr19:40237968-40238091
## 3744	chr19 40237976	-	T	34	chr19:40237968-40238091
## 3745	chr19 40237977	+	C	209	chr19:40237968-40238091
## 3746	chr19 40237977	-	C	33	chr19:40237968-40238091
## 3747	chr19 40237978	+	G	212	chr19:40237968-40238091
## 3748	chr19 40237978	-	G	28	chr19:40237968-40238091
## 3749	chr19 40237979	+	A	1	chr19:40237968-40238091
## 3750	chr19 40237979	+	C	211	chr19:40237968-40238091
## 3751	chr19 40237979	-	C	32	chr19:40237968-40238091
## 3752	chr19 40237980	+	G	209	chr19:40237968-40238091
## 3753	chr19 40237980	-	G	36	chr19:40237968-40238091
## 3754	chr19 40237981	+	G	206	chr19:40237968-40238091
## 3755	chr19 40237981	-	G	35	chr19:40237968-40238091
## 3756	chr19 40237982	+	T	216	chr19:40237968-40238091
## 3757	chr19 40237982	-	T	31	chr19:40237968-40238091
## 3758	chr19 40237983	+	A	202	chr19:40237968-40238091
## 3759	chr19 40237983	-	A	28	chr19:40237968-40238091
## 3760	chr19 40237984	+	T	189	chr19:40237968-40238091
## 3761	chr19 40237984	-	T	30	chr19:40237968-40238091
## 3762	chr19 40237985	+	A	172	chr19:40237968-40238091
## 3763	chr19 40237985	-	A	40	chr19:40237968-40238091
## 3764	chr19 40237986	+	C	182	chr19:40237968-40238091
## 3765	chr19 40237986	-	C	41	chr19:40237968-40238091
## 3766	chr19 40237987	+	C	171	chr19:40237968-40238091
## 3767	chr19 40237987	-	C	41	chr19:40237968-40238091
## 3768	chr19 40237988	+	A	165	chr19:40237968-40238091
## 3769	chr19 40237988	-	A	56	chr19:40237968-40238091
## 3770	chr19 40237989	+	C	162	chr19:40237968-40238091
## 3771	chr19 40237989	-	C	66	chr19:40237968-40238091

## 3772	chr19 40237989	+	T	1	chr19:40237968-40238091
## 3773	chr19 40237990	-	A	1	chr19:40237968-40238091
## 3774	chr19 40237990	+	G	172	chr19:40237968-40238091
## 3775	chr19 40237990	-	G	67	chr19:40237968-40238091
## 3776	chr19 40237991	-	A	1	chr19:40237968-40238091
## 3777	chr19 40237991	+	T	175	chr19:40237968-40238091
## 3778	chr19 40237991	-	T	67	chr19:40237968-40238091
## 3779	chr19 40237992	+	C	178	chr19:40237968-40238091
## 3780	chr19 40237992	-	C	72	chr19:40237968-40238091
## 3781	chr19 40237993	+	C	177	chr19:40237968-40238091
## 3782	chr19 40237993	-	C	72	chr19:40237968-40238091
## 3783	chr19 40237993	+	T	1	chr19:40237968-40238091
## 3784	chr19 40237994	+	C	178	chr19:40237968-40238091
## 3785	chr19 40237994	-	C	72	chr19:40237968-40238091
## 3786	chr19 40237995	+	A	2	chr19:40237968-40238091
## 3787	chr19 40237995	+	G	176	chr19:40237968-40238091
## 3788	chr19 40237995	-	G	72	chr19:40237968-40238091
## 3789	chr19 40237996	+	C	178	chr19:40237968-40238091
## 3790	chr19 40237996	-	C	72	chr19:40237968-40238091
## 3791	chr19 40237997	+	A	1	chr19:40237968-40238091
## 3792	chr19 40237997	+	G	177	chr19:40237968-40238091
## 3793	chr19 40237997	-	G	72	chr19:40237968-40238091
## 3794	chr19 40237998	+	A	178	chr19:40237968-40238091
## 3795	chr19 40237998	-	A	72	chr19:40237968-40238091
## 3796	chr19 40237999	+	G	178	chr19:40237968-40238091
## 3797	chr19 40237999	-	G	72	chr19:40237968-40238091
## 3798	chr19 40238000	+	T	178	chr19:40237968-40238091
## 3799	chr19 40238000	-	T	72	chr19:40237968-40238091
## 3800	chr19 40238001	+	G	178	chr19:40237968-40238091
## 3801	chr19 40238001	-	G	72	chr19:40237968-40238091
## 3802	chr19 40238002	+	A	1	chr19:40237968-40238091
## 3803	chr19 40238002	+	C	177	chr19:40237968-40238091
## 3804	chr19 40238002	-	C	72	chr19:40237968-40238091
## 3805	chr19 40238003	+	A	178	chr19:40237968-40238091
## 3806	chr19 40238003	-	A	72	chr19:40237968-40238091
## 3807	chr19 40238004	+	A	178	chr19:40237968-40238091
## 3808	chr19 40238004	-	A	72	chr19:40237968-40238091
## 3809	chr19 40238005	+	G	178	chr19:40237968-40238091
## 3810	chr19 40238005	-	G	72	chr19:40237968-40238091
## 3811	chr19 40238006	+	T	178	chr19:40237968-40238091
## 3812	chr19 40238006	-	T	72	chr19:40237968-40238091
## 3813	chr19 40238007	+	A	178	chr19:40237968-40238091
## 3814	chr19 40238007	-	A	72	chr19:40237968-40238091
## 3815	chr19 40238008	+	C	178	chr19:40237968-40238091
## 3816	chr19 40238008	-	C	72	chr19:40237968-40238091
## 3817	chr19 40238009	+	T	178	chr19:40237968-40238091
## 3818	chr19 40238009	-	T	72	chr19:40237968-40238091
## 3819	chr19 40238010	+	C	177	chr19:40237968-40238091
## 3820	chr19 40238010	-	C	73	chr19:40237968-40238091
## 3821	chr19 40238011	+	A	177	chr19:40237968-40238091
## 3822	chr19 40238011	-	A	73	chr19:40237968-40238091
## 3823	chr19 40238012	+	A	177	chr19:40237968-40238091
## 3824	chr19 40238012	-	A	73	chr19:40237968-40238091
## 3825	chr19 40238013	+	G	177	chr19:40237968-40238091

## 3826	chr19 40238013	-	G	73	chr19:40237968-40238091
## 3827	chr19 40238014	+	A	177	chr19:40237968-40238091
## 3828	chr19 40238014	-	A	72	chr19:40237968-40238091
## 3829	chr19 40238014	-	G	1	chr19:40237968-40238091
## 3830	chr19 40238015	+	G	177	chr19:40237968-40238091
## 3831	chr19 40238015	-	G	73	chr19:40237968-40238091
## 3832	chr19 40238016	+	C	177	chr19:40237968-40238091
## 3833	chr19 40238016	-	C	73	chr19:40237968-40238091
## 3834	chr19 40238017	+	C	176	chr19:40237968-40238091
## 3835	chr19 40238017	-	C	73	chr19:40237968-40238091
## 3836	chr19 40238018	+	G	178	chr19:40237968-40238091
## 3837	chr19 40238018	-	G	73	chr19:40237968-40238091
## 3838	chr19 40238019	+	A	178	chr19:40237968-40238091
## 3839	chr19 40238019	-	A	73	chr19:40237968-40238091
## 3840	chr19 40238020	+	G	178	chr19:40237968-40238091
## 3841	chr19 40238020	-	G	73	chr19:40237968-40238091
## 3842	chr19 40238021	+	A	179	chr19:40237968-40238091
## 3843	chr19 40238021	-	A	72	chr19:40237968-40238091
## 3844	chr19 40238022	-	A	1	chr19:40237968-40238091
## 3845	chr19 40238022	+	C	179	chr19:40237968-40238091
## 3846	chr19 40238022	-	C	71	chr19:40237968-40238091
## 3847	chr19 40238023	+	A	179	chr19:40237968-40238091
## 3848	chr19 40238023	-	A	72	chr19:40237968-40238091
## 3849	chr19 40238024	+	A	179	chr19:40237968-40238091
## 3850	chr19 40238024	-	A	72	chr19:40237968-40238091
## 3851	chr19 40238025	+	T	179	chr19:40237968-40238091
## 3852	chr19 40238025	-	T	72	chr19:40237968-40238091
## 3853	chr19 40238026	+	A	1	chr19:40237968-40238091
## 3854	chr19 40238026	+	C	178	chr19:40237968-40238091
## 3855	chr19 40238026	-	C	72	chr19:40237968-40238091
## 3856	chr19 40238027	+	T	179	chr19:40237968-40238091
## 3857	chr19 40238027	-	T	72	chr19:40237968-40238091
## 3858	chr19 40238028	+	C	178	chr19:40237968-40238091
## 3859	chr19 40238028	-	C	73	chr19:40237968-40238091
## 3860	chr19 40238029	+	T	178	chr19:40237968-40238091
## 3861	chr19 40238029	-	T	73	chr19:40237968-40238091
## 3862	chr19 40238030	+	G	177	chr19:40237968-40238091
## 3863	chr19 40238030	-	G	73	chr19:40237968-40238091
## 3864	chr19 40238031	-	A	2	chr19:40237968-40238091
## 3865	chr19 40238031	+	C	177	chr19:40237968-40238091
## 3866	chr19 40238031	-	C	71	chr19:40237968-40238091
## 3867	chr19 40238032	+	A	176	chr19:40237968-40238091
## 3868	chr19 40238032	-	A	73	chr19:40237968-40238091
## 3869	chr19 40238033	+	C	178	chr19:40237968-40238091
## 3870	chr19 40238033	-	C	73	chr19:40237968-40238091
## 3871	chr19 40238034	+	C	177	chr19:40237968-40238091
## 3872	chr19 40238034	-	C	74	chr19:40237968-40238091
## 3873	chr19 40238035	+	A	177	chr19:40237968-40238091
## 3874	chr19 40238035	-	A	74	chr19:40237968-40238091
## 3875	chr19 40238036	+	T	177	chr19:40237968-40238091
## 3876	chr19 40238036	-	T	74	chr19:40237968-40238091
## 3877	chr19 40238037	+	A	176	chr19:40237968-40238091
## 3878	chr19 40238037	-	A	74	chr19:40237968-40238091
## 3879	chr19 40238037	+	G	1	chr19:40237968-40238091

## 3880	chr19 40238038	+	A	177	chr19:40237968-40238091
## 3881	chr19 40238038	-	A	73	chr19:40237968-40238091
## 3882	chr19 40238039	+	A	177	chr19:40237968-40238091
## 3883	chr19 40238039	-	A	73	chr19:40237968-40238091
## 3884	chr19 40238040	+	A	177	chr19:40237968-40238091
## 3885	chr19 40238040	-	A	73	chr19:40237968-40238091
## 3886	chr19 40238041	+	C	176	chr19:40237968-40238091
## 3887	chr19 40238041	-	C	73	chr19:40237968-40238091
## 3888	chr19 40238042	+	C	176	chr19:40237968-40238091
## 3889	chr19 40238042	-	C	74	chr19:40237968-40238091
## 3890	chr19 40238043	+	A	1	chr19:40237968-40238091
## 3891	chr19 40238043	+	G	173	chr19:40237968-40238091
## 3892	chr19 40238043	-	G	74	chr19:40237968-40238091
## 3893	chr19 40238044	+	G	176	chr19:40237968-40238091
## 3894	chr19 40238044	-	G	74	chr19:40237968-40238091
## 3895	chr19 40238045	+	G	176	chr19:40237968-40238091
## 3896	chr19 40238045	-	G	74	chr19:40237968-40238091
## 3897	chr19 40238046	+	C	176	chr19:40237968-40238091
## 3898	chr19 40238046	-	C	73	chr19:40237968-40238091
## 3899	chr19 40238046	-	G	1	chr19:40237968-40238091
## 3900	chr19 40238047	+	C	176	chr19:40237968-40238091
## 3901	chr19 40238047	-	C	74	chr19:40237968-40238091
## 3902	chr19 40238048	+	C	174	chr19:40237968-40238091
## 3903	chr19 40238048	-	C	72	chr19:40237968-40238091
## 3904	chr19 40238048	+	T	2	chr19:40237968-40238091
## 3905	chr19 40238048	-	T	2	chr19:40237968-40238091
## 3906	chr19 40238049	-	A	3	chr19:40237968-40238091
## 3907	chr19 40238049	+	G	176	chr19:40237968-40238091
## 3908	chr19 40238049	-	G	71	chr19:40237968-40238091
## 3909	chr19 40238050	+	C	176	chr19:40237968-40238091
## 3910	chr19 40238050	-	C	74	chr19:40237968-40238091
## 3911	chr19 40238051	+	T	176	chr19:40237968-40238091
## 3912	chr19 40238051	-	T	74	chr19:40237968-40238091
## 3913	chr19 40238052	+	A	1	chr19:40237968-40238091
## 3914	chr19 40238052	+	C	175	chr19:40237968-40238091
## 3915	chr19 40238052	-	C	74	chr19:40237968-40238091
## 3916	chr19 40238053	+	C	168	chr19:40237968-40238091
## 3917	chr19 40238053	-	C	74	chr19:40237968-40238091
## 3918	chr19 40238054	+	T	170	chr19:40237968-40238091
## 3919	chr19 40238054	-	T	70	chr19:40237968-40238091
## 3920	chr19 40238055	+	C	178	chr19:40237968-40238091
## 3921	chr19 40238055	-	C	66	chr19:40237968-40238091
## 3922	chr19 40238056	+	T	177	chr19:40237968-40238091
## 3923	chr19 40238056	-	T	67	chr19:40237968-40238091
## 3924	chr19 40238057	+	G	167	chr19:40237968-40238091
## 3925	chr19 40238057	-	G	71	chr19:40237968-40238091
## 3926	chr19 40238058	+	T	176	chr19:40237968-40238091
## 3927	chr19 40238058	-	T	71	chr19:40237968-40238091
## 3928	chr19 40238059	+	G	166	chr19:40237968-40238091
## 3929	chr19 40238059	-	G	67	chr19:40237968-40238091
## 3930	chr19 40238059	+	T	1	chr19:40237968-40238091
## 3931	chr19 40238060	+	A	170	chr19:40237968-40238091
## 3932	chr19 40238060	-	A	60	chr19:40237968-40238091
## 3933	chr19 40238061	+	A	167	chr19:40237968-40238091

## 3934	chr19 40238061	-	A	68	chr19:40237968-40238091
## 3935	chr19 40238062	+	G	171	chr19:40237968-40238091
## 3936	chr19 40238062	-	G	72	chr19:40237968-40238091
## 3937	chr19 40238063	+	A	171	chr19:40237968-40238091
## 3938	chr19 40238063	-	A	58	chr19:40237968-40238091
## 3939	chr19 40238064	+	C	172	chr19:40237968-40238091
## 3940	chr19 40238064	-	C	48	chr19:40237968-40238091
## 3941	chr19 40238065	+	A	159	chr19:40237968-40238091
## 3942	chr19 40238065	-	A	49	chr19:40237968-40238091
## 3943	chr19 40238066	+	C	151	chr19:40237968-40238091
## 3944	chr19 40238066	-	C	59	chr19:40237968-40238091
## 3945	chr19 40238066	+	T	1	chr19:40237968-40238091
## 3946	chr19 40238067	+	G	152	chr19:40237968-40238091
## 3947	chr19 40238067	-	G	67	chr19:40237968-40238091
## 3948	chr19 40238068	+	C	156	chr19:40237968-40238091
## 3949	chr19 40238068	-	C	70	chr19:40237968-40238091
## 3950	chr19 40238069	+	T	159	chr19:40237968-40238091
## 3951	chr19 40238069	-	T	73	chr19:40237968-40238091
## 3952	chr19 40238070	+	C	167	chr19:40237968-40238091
## 3953	chr19 40238070	-	C	77	chr19:40237968-40238091
## 3954	chr19 40238071	+	C	168	chr19:40237968-40238091
## 3955	chr19 40238071	-	C	82	chr19:40237968-40238091
## 3956	chr19 40238072	+	C	168	chr19:40237968-40238091
## 3957	chr19 40238072	-	C	82	chr19:40237968-40238091
## 3958	chr19 40238073	+	G	168	chr19:40237968-40238091
## 3959	chr19 40238073	-	G	82	chr19:40237968-40238091
## 3960	chr19 40238074	+	G	168	chr19:40237968-40238091
## 3961	chr19 40238074	-	G	82	chr19:40237968-40238091
## 3962	chr19 40238075	+	G	168	chr19:40237968-40238091
## 3963	chr19 40238075	-	G	82	chr19:40237968-40238091
## 3964	chr19 40238076	+	A	167	chr19:40237968-40238091
## 3965	chr19 40238076	-	A	82	chr19:40237968-40238091
## 3966	chr19 40238077	+	C	168	chr19:40237968-40238091
## 3967	chr19 40238077	-	C	82	chr19:40237968-40238091
## 3968	chr19 40238078	+	A	169	chr19:40237968-40238091
## 3969	chr19 40238078	-	A	82	chr19:40237968-40238091
## 3970	chr19 40238079	+	G	169	chr19:40237968-40238091
## 3971	chr19 40238079	-	G	82	chr19:40237968-40238091
## 3972	chr19 40238080	+	G	169	chr19:40237968-40238091
## 3973	chr19 40238080	-	G	82	chr19:40237968-40238091
## 3974	chr19 40238081	-	G	1	chr19:40237968-40238091
## 3975	chr19 40238081	+	T	168	chr19:40237968-40238091
## 3976	chr19 40238081	-	T	81	chr19:40237968-40238091
## 3977	chr19 40238082	+	G	169	chr19:40237968-40238091
## 3978	chr19 40238082	-	G	82	chr19:40237968-40238091
## 3979	chr19 40238083	+	G	169	chr19:40237968-40238091
## 3980	chr19 40238083	-	G	82	chr19:40237968-40238091
## 3981	chr19 40238084	+	A	169	chr19:40237968-40238091
## 3982	chr19 40238084	-	A	82	chr19:40237968-40238091
## 3983	chr19 40238085	+	A	170	chr19:40237968-40238091
## 3984	chr19 40238085	-	A	81	chr19:40237968-40238091
## 3985	chr19 40238086	+	G	170	chr19:40237968-40238091
## 3986	chr19 40238086	-	G	81	chr19:40237968-40238091
## 3987	chr19 40238087	+	A	170	chr19:40237968-40238091

## 3988	chr19 40238087	-	A	81	chr19:40237968-40238091
## 3989	chr19 40238088	+	A	170	chr19:40237968-40238091
## 3990	chr19 40238088	-	A	81	chr19:40237968-40238091
## 3991	chr19 40238089	+	C	169	chr19:40237968-40238091
## 3992	chr19 40238089	-	C	82	chr19:40237968-40238091
## 3993	chr19 40238090	+	A	168	chr19:40237968-40238091
## 3994	chr19 40238090	-	A	82	chr19:40237968-40238091
## 3995	chr19 40238091	+	G	168	chr19:40237968-40238091
## 3996	chr19 40238091	-	G	83	chr19:40237968-40238091
## 3997	chr19 40238904	+	C	245	chr19:40238904-40238973
## 3998	chr19 40238904	-	C	70	chr19:40238904-40238973
## 3999	chr19 40238904	+	T	1	chr19:40238904-40238973
## 4000	chr19 40238905	+	C	237	chr19:40238904-40238973
## 4001	chr19 40238905	-	C	56	chr19:40238904-40238973
## 4002	chr19 40238906	+	T	216	chr19:40238904-40238973
## 4003	chr19 40238906	-	T	48	chr19:40238904-40238973
## 4004	chr19 40238907	+	C	204	chr19:40238904-40238973
## 4005	chr19 40238907	-	C	30	chr19:40238904-40238973
## 4006	chr19 40238908	+	A	192	chr19:40238904-40238973
## 4007	chr19 40238908	-	A	38	chr19:40238904-40238973
## 4008	chr19 40238908	+	C	3	chr19:40238904-40238973
## 4009	chr19 40238909	+	C	198	chr19:40238904-40238973
## 4010	chr19 40238909	-	C	36	chr19:40238904-40238973
## 4011	chr19 40238910	+	C	178	chr19:40238904-40238973
## 4012	chr19 40238910	-	C	40	chr19:40238904-40238973
## 4013	chr19 40238911	+	C	176	chr19:40238904-40238973
## 4014	chr19 40238911	-	C	50	chr19:40238904-40238973
## 4015	chr19 40238912	+	C	174	chr19:40238904-40238973
## 4016	chr19 40238912	-	C	62	chr19:40238904-40238973
## 4017	chr19 40238912	+	T	1	chr19:40238904-40238973
## 4018	chr19 40238913	+	C	152	chr19:40238904-40238973
## 4019	chr19 40238913	-	C	59	chr19:40238904-40238973
## 4020	chr19 40238913	+	T	3	chr19:40238904-40238973
## 4021	chr19 40238914	+	G	142	chr19:40238904-40238973
## 4022	chr19 40238914	-	G	78	chr19:40238904-40238973
## 4023	chr19 40238915	+	T	159	chr19:40238904-40238973
## 4024	chr19 40238915	-	T	89	chr19:40238904-40238973
## 4025	chr19 40238916	+	T	160	chr19:40238904-40238973
## 4026	chr19 40238916	-	T	89	chr19:40238904-40238973
## 4027	chr19 40238917	+	G	160	chr19:40238904-40238973
## 4028	chr19 40238917	-	G	89	chr19:40238904-40238973
## 4029	chr19 40238918	+	G	161	chr19:40238904-40238973
## 4030	chr19 40238918	-	G	89	chr19:40238904-40238973
## 4031	chr19 40238919	+	C	160	chr19:40238904-40238973
## 4032	chr19 40238919	-	C	89	chr19:40238904-40238973
## 4033	chr19 40238920	+	A	160	chr19:40238904-40238973
## 4034	chr19 40238920	-	A	89	chr19:40238904-40238973
## 4035	chr19 40238920	+	C	1	chr19:40238904-40238973
## 4036	chr19 40238920	+	G	1	chr19:40238904-40238973
## 4037	chr19 40238921	+	T	161	chr19:40238904-40238973
## 4038	chr19 40238921	-	T	89	chr19:40238904-40238973
## 4039	chr19 40238922	+	A	162	chr19:40238904-40238973
## 4040	chr19 40238922	-	A	89	chr19:40238904-40238973
## 4041	chr19 40238923	+	C	162	chr19:40238904-40238973

## 4042	chr19 40238923	-	C	89	chr19:40238904-40238973
## 4043	chr19 40238924	+	T	162	chr19:40238904-40238973
## 4044	chr19 40238924	-	T	89	chr19:40238904-40238973
## 4045	chr19 40238925	+	A	1	chr19:40238904-40238973
## 4046	chr19 40238925	-	A	1	chr19:40238904-40238973
## 4047	chr19 40238925	+	C	160	chr19:40238904-40238973
## 4048	chr19 40238925	-	C	88	chr19:40238904-40238973
## 4049	chr19 40238925	+	G	1	chr19:40238904-40238973
## 4050	chr19 40238926	+	C	162	chr19:40238904-40238973
## 4051	chr19 40238926	-	C	89	chr19:40238904-40238973
## 4052	chr19 40238927	+	A	162	chr19:40238904-40238973
## 4053	chr19 40238927	-	A	89	chr19:40238904-40238973
## 4054	chr19 40238928	+	T	162	chr19:40238904-40238973
## 4055	chr19 40238928	-	T	89	chr19:40238904-40238973
## 4056	chr19 40238929	+	C	161	chr19:40238904-40238973
## 4057	chr19 40238929	-	C	89	chr19:40238904-40238973
## 4058	chr19 40238930	+	A	160	chr19:40238904-40238973
## 4059	chr19 40238930	-	A	89	chr19:40238904-40238973
## 4060	chr19 40238930	+	G	1	chr19:40238904-40238973
## 4061	chr19 40238931	+	C	161	chr19:40238904-40238973
## 4062	chr19 40238931	-	C	89	chr19:40238904-40238973
## 4063	chr19 40238932	+	A	161	chr19:40238904-40238973
## 4064	chr19 40238932	-	A	89	chr19:40238904-40238973
## 4065	chr19 40238933	+	A	160	chr19:40238904-40238973
## 4066	chr19 40238933	-	A	89	chr19:40238904-40238973
## 4067	chr19 40238934	+	A	161	chr19:40238904-40238973
## 4068	chr19 40238934	-	A	89	chr19:40238904-40238973
## 4069	chr19 40238934	+	G	1	chr19:40238904-40238973
## 4070	chr19 40238935	+	G	161	chr19:40238904-40238973
## 4071	chr19 40238935	-	G	86	chr19:40238904-40238973
## 4072	chr19 40238935	+	T	1	chr19:40238904-40238973
## 4073	chr19 40238935	-	T	3	chr19:40238904-40238973
## 4074	chr19 40238936	+	C	162	chr19:40238904-40238973
## 4075	chr19 40238936	-	C	89	chr19:40238904-40238973
## 4076	chr19 40238937	+	A	162	chr19:40238904-40238973
## 4077	chr19 40238937	-	A	89	chr19:40238904-40238973
## 4078	chr19 40238938	+	C	161	chr19:40238904-40238973
## 4079	chr19 40238938	-	C	89	chr19:40238904-40238973
## 4080	chr19 40238939	+	A	161	chr19:40238904-40238973
## 4081	chr19 40238939	-	A	89	chr19:40238904-40238973
## 4082	chr19 40238940	+	G	161	chr19:40238904-40238973
## 4083	chr19 40238940	-	G	89	chr19:40238904-40238973
## 4084	chr19 40238941	+	G	162	chr19:40238904-40238973
## 4085	chr19 40238941	-	G	89	chr19:40238904-40238973
## 4086	chr19 40238942	+	C	162	chr19:40238904-40238973
## 4087	chr19 40238942	-	C	89	chr19:40238904-40238973
## 4088	chr19 40238943	+	G	163	chr19:40238904-40238973
## 4089	chr19 40238943	-	G	89	chr19:40238904-40238973
## 4090	chr19 40238944	+	C	1	chr19:40238904-40238973
## 4091	chr19 40238944	+	G	162	chr19:40238904-40238973
## 4092	chr19 40238944	-	G	89	chr19:40238904-40238973
## 4093	chr19 40238945	-	G	1	chr19:40238904-40238973
## 4094	chr19 40238945	+	T	162	chr19:40238904-40238973
## 4095	chr19 40238945	-	T	88	chr19:40238904-40238973

## 4096	chr19 40238946	+	C	162	chr19:40238904-40238973
## 4097	chr19 40238946	-	C	89	chr19:40238904-40238973
## 4098	chr19 40238947	-	A	1	chr19:40238904-40238973
## 4099	chr19 40238947	+	G	162	chr19:40238904-40238973
## 4100	chr19 40238947	-	G	88	chr19:40238904-40238973
## 4101	chr19 40238948	+	G	1	chr19:40238904-40238973
## 4102	chr19 40238948	-	G	1	chr19:40238904-40238973
## 4103	chr19 40238948	+	T	161	chr19:40238904-40238973
## 4104	chr19 40238948	-	T	88	chr19:40238904-40238973
## 4105	chr19 40238949	+	G	161	chr19:40238904-40238973
## 4106	chr19 40238949	-	G	89	chr19:40238904-40238973
## 4107	chr19 40238949	+	T	1	chr19:40238904-40238973
## 4108	chr19 40238950	+	G	162	chr19:40238904-40238973
## 4109	chr19 40238950	-	G	88	chr19:40238904-40238973
## 4110	chr19 40238950	-	T	1	chr19:40238904-40238973
## 4111	chr19 40238951	+	G	163	chr19:40238904-40238973
## 4112	chr19 40238951	-	G	89	chr19:40238904-40238973
## 4113	chr19 40238952	+	T	163	chr19:40238904-40238973
## 4114	chr19 40238952	-	T	89	chr19:40238904-40238973
## 4115	chr19 40238953	+	C	163	chr19:40238904-40238973
## 4116	chr19 40238953	-	C	89	chr19:40238904-40238973
## 4117	chr19 40238954	+	T	163	chr19:40238904-40238973
## 4118	chr19 40238954	-	T	89	chr19:40238904-40238973
## 4119	chr19 40238955	+	G	163	chr19:40238904-40238973
## 4120	chr19 40238955	-	G	89	chr19:40238904-40238973
## 4121	chr19 40238956	+	G	163	chr19:40238904-40238973
## 4122	chr19 40238956	-	G	89	chr19:40238904-40238973
## 4123	chr19 40238957	+	A	163	chr19:40238904-40238973
## 4124	chr19 40238957	-	A	89	chr19:40238904-40238973
## 4125	chr19 40238958	+	A	162	chr19:40238904-40238973
## 4126	chr19 40238958	-	A	90	chr19:40238904-40238973
## 4127	chr19 40238959	+	G	161	chr19:40238904-40238973
## 4128	chr19 40238959	-	G	90	chr19:40238904-40238973
## 4129	chr19 40238960	+	G	160	chr19:40238904-40238973
## 4130	chr19 40238960	-	G	91	chr19:40238904-40238973
## 4131	chr19 40238961	+	C	161	chr19:40238904-40238973
## 4132	chr19 40238961	-	C	91	chr19:40238904-40238973
## 4133	chr19 40238962	+	A	159	chr19:40238904-40238973
## 4134	chr19 40238962	-	A	92	chr19:40238904-40238973
## 4135	chr19 40238962	+	T	1	chr19:40238904-40238973
## 4136	chr19 40238963	+	T	161	chr19:40238904-40238973
## 4137	chr19 40238963	-	T	92	chr19:40238904-40238973
## 4138	chr19 40238964	+	A	160	chr19:40238904-40238973
## 4139	chr19 40238964	-	A	93	chr19:40238904-40238973
## 4140	chr19 40238965	+	C	160	chr19:40238904-40238973
## 4141	chr19 40238965	-	C	92	chr19:40238904-40238973
## 4142	chr19 40238966	+	T	160	chr19:40238904-40238973
## 4143	chr19 40238966	-	T	91	chr19:40238904-40238973
## 4144	chr19 40238967	+	T	160	chr19:40238904-40238973
## 4145	chr19 40238967	-	T	91	chr19:40238904-40238973
## 4146	chr19 40238968	+	C	159	chr19:40238904-40238973
## 4147	chr19 40238968	-	C	91	chr19:40238904-40238973
## 4148	chr19 40238968	-	G	1	chr19:40238904-40238973
## 4149	chr19 40238969	+	A	157	chr19:40238904-40238973

## 4150	chr19 40238969	-	A	93	chr19:40238904-40238973
## 4151	chr19 40238969	+	C	1	chr19:40238904-40238973
## 4152	chr19 40238970	+	G	157	chr19:40238904-40238973
## 4153	chr19 40238970	-	G	94	chr19:40238904-40238973
## 4154	chr19 40238971	+	C	156	chr19:40238904-40238973
## 4155	chr19 40238971	-	C	95	chr19:40238904-40238973
## 4156	chr19 40238972	+	G	155	chr19:40238904-40238973
## 4157	chr19 40238972	-	G	96	chr19:40238904-40238973
## 4158	chr19 40238973	+	C	154	chr19:40238904-40238973
## 4159	chr19 40238973	-	C	97	chr19:40238904-40238973
## 4160	chr19 40240044	+	C	188	chr19:40240044-40240110
## 4161	chr19 40240044	-	C	131	chr19:40240044-40240110
## 4162	chr19 40240045	+	A	160	chr19:40240044-40240110
## 4163	chr19 40240045	-	A	119	chr19:40240044-40240110
## 4164	chr19 40240046	+	G	141	chr19:40240044-40240110
## 4165	chr19 40240046	-	G	89	chr19:40240044-40240110
## 4166	chr19 40240047	+	A	2	chr19:40240044-40240110
## 4167	chr19 40240047	+	T	128	chr19:40240044-40240110
## 4168	chr19 40240047	-	T	87	chr19:40240044-40240110
## 4169	chr19 40240048	+	G	123	chr19:40240044-40240110
## 4170	chr19 40240048	-	G	69	chr19:40240044-40240110
## 4171	chr19 40240049	+	A	109	chr19:40240044-40240110
## 4172	chr19 40240049	-	A	64	chr19:40240044-40240110
## 4173	chr19 40240050	+	G	90	chr19:40240044-40240110
## 4174	chr19 40240050	-	G	54	chr19:40240044-40240110
## 4175	chr19 40240051	+	G	82	chr19:40240044-40240110
## 4176	chr19 40240051	-	G	63	chr19:40240044-40240110
## 4177	chr19 40240052	+	A	83	chr19:40240044-40240110
## 4178	chr19 40240052	-	A	77	chr19:40240044-40240110
## 4179	chr19 40240053	+	A	82	chr19:40240044-40240110
## 4180	chr19 40240053	-	A	91	chr19:40240044-40240110
## 4181	chr19 40240054	-	A	1	chr19:40240044-40240110
## 4182	chr19 40240054	+	C	84	chr19:40240044-40240110
## 4183	chr19 40240054	-	C	111	chr19:40240044-40240110
## 4184	chr19 40240054	+	T	1	chr19:40240044-40240110
## 4185	chr19 40240055	+	G	92	chr19:40240044-40240110
## 4186	chr19 40240055	-	G	129	chr19:40240044-40240110
## 4187	chr19 40240056	+	G	99	chr19:40240044-40240110
## 4188	chr19 40240056	-	G	137	chr19:40240044-40240110
## 4189	chr19 40240057	+	G	103	chr19:40240044-40240110
## 4190	chr19 40240057	-	G	147	chr19:40240044-40240110
## 4191	chr19 40240058	+	T	103	chr19:40240044-40240110
## 4192	chr19 40240058	-	T	147	chr19:40240044-40240110
## 4193	chr19 40240059	+	G	103	chr19:40240044-40240110
## 4194	chr19 40240059	-	G	147	chr19:40240044-40240110
## 4195	chr19 40240060	+	C	102	chr19:40240044-40240110
## 4196	chr19 40240060	-	C	148	chr19:40240044-40240110
## 4197	chr19 40240061	+	C	102	chr19:40240044-40240110
## 4198	chr19 40240061	-	C	148	chr19:40240044-40240110
## 4199	chr19 40240062	-	C	1	chr19:40240044-40240110
## 4200	chr19 40240062	+	T	101	chr19:40240044-40240110
## 4201	chr19 40240062	-	T	147	chr19:40240044-40240110
## 4202	chr19 40240063	+	G	101	chr19:40240044-40240110
## 4203	chr19 40240063	-	G	148	chr19:40240044-40240110

## 4204	chr19 40240063	-	T	1	chr19:40240044-40240110
## 4205	chr19 40240064	-	A	2	chr19:40240044-40240110
## 4206	chr19 40240064	+	G	102	chr19:40240044-40240110
## 4207	chr19 40240064	-	G	147	chr19:40240044-40240110
## 4208	chr19 40240065	+	T	102	chr19:40240044-40240110
## 4209	chr19 40240065	-	T	149	chr19:40240044-40240110
## 4210	chr19 40240066	+	G	102	chr19:40240044-40240110
## 4211	chr19 40240066	-	G	149	chr19:40240044-40240110
## 4212	chr19 40240067	+	T	102	chr19:40240044-40240110
## 4213	chr19 40240067	-	T	149	chr19:40240044-40240110
## 4214	chr19 40240068	+	T	102	chr19:40240044-40240110
## 4215	chr19 40240068	-	T	149	chr19:40240044-40240110
## 4216	chr19 40240069	+	C	101	chr19:40240044-40240110
## 4217	chr19 40240069	-	C	150	chr19:40240044-40240110
## 4218	chr19 40240070	+	T	101	chr19:40240044-40240110
## 4219	chr19 40240070	-	T	150	chr19:40240044-40240110
## 4220	chr19 40240071	+	G	101	chr19:40240044-40240110
## 4221	chr19 40240071	-	G	150	chr19:40240044-40240110
## 4222	chr19 40240072	+	G	101	chr19:40240044-40240110
## 4223	chr19 40240072	-	G	150	chr19:40240044-40240110
## 4224	chr19 40240073	+	A	101	chr19:40240044-40240110
## 4225	chr19 40240073	-	A	150	chr19:40240044-40240110
## 4226	chr19 40240074	+	G	101	chr19:40240044-40240110
## 4227	chr19 40240074	-	G	150	chr19:40240044-40240110
## 4228	chr19 40240075	+	G	100	chr19:40240044-40240110
## 4229	chr19 40240075	-	G	151	chr19:40240044-40240110
## 4230	chr19 40240076	+	A	100	chr19:40240044-40240110
## 4231	chr19 40240076	-	A	151	chr19:40240044-40240110
## 4232	chr19 40240077	+	C	100	chr19:40240044-40240110
## 4233	chr19 40240077	-	C	150	chr19:40240044-40240110
## 4234	chr19 40240077	-	T	1	chr19:40240044-40240110
## 4235	chr19 40240078	+	C	100	chr19:40240044-40240110
## 4236	chr19 40240078	-	C	151	chr19:40240044-40240110
## 4237	chr19 40240079	+	C	99	chr19:40240044-40240110
## 4238	chr19 40240079	-	C	152	chr19:40240044-40240110
## 4239	chr19 40240080	+	G	99	chr19:40240044-40240110
## 4240	chr19 40240080	-	G	152	chr19:40240044-40240110
## 4241	chr19 40240081	+	G	98	chr19:40240044-40240110
## 4242	chr19 40240081	-	G	153	chr19:40240044-40240110
## 4243	chr19 40240082	+	C	98	chr19:40240044-40240110
## 4244	chr19 40240082	-	C	153	chr19:40240044-40240110
## 4245	chr19 40240083	+	T	98	chr19:40240044-40240110
## 4246	chr19 40240083	-	T	153	chr19:40240044-40240110
## 4247	chr19 40240084	+	C	98	chr19:40240044-40240110
## 4248	chr19 40240084	-	C	153	chr19:40240044-40240110
## 4249	chr19 40240085	+	T	97	chr19:40240044-40240110
## 4250	chr19 40240085	-	T	154	chr19:40240044-40240110
## 4251	chr19 40240086	+	C	97	chr19:40240044-40240110
## 4252	chr19 40240086	-	C	154	chr19:40240044-40240110
## 4253	chr19 40240087	+	G	97	chr19:40240044-40240110
## 4254	chr19 40240087	-	G	154	chr19:40240044-40240110
## 4255	chr19 40240088	+	G	97	chr19:40240044-40240110
## 4256	chr19 40240088	-	G	154	chr19:40240044-40240110
## 4257	chr19 40240089	+	T	97	chr19:40240044-40240110

## 4258	chr19 40240089	-	T	154	chr19:40240044-40240110
## 4259	chr19 40240090	+	G	97	chr19:40240044-40240110
## 4260	chr19 40240090	-	G	154	chr19:40240044-40240110
## 4261	chr19 40240091	+	A	97	chr19:40240044-40240110
## 4262	chr19 40240091	-	A	154	chr19:40240044-40240110
## 4263	chr19 40240092	+	C	97	chr19:40240044-40240110
## 4264	chr19 40240092	-	C	154	chr19:40240044-40240110
## 4265	chr19 40240093	+	C	1	chr19:40240044-40240110
## 4266	chr19 40240093	+	T	96	chr19:40240044-40240110
## 4267	chr19 40240093	-	T	154	chr19:40240044-40240110
## 4268	chr19 40240094	+	G	97	chr19:40240044-40240110
## 4269	chr19 40240094	-	G	154	chr19:40240044-40240110
## 4270	chr19 40240095	-	G	1	chr19:40240044-40240110
## 4271	chr19 40240095	+	T	97	chr19:40240044-40240110
## 4272	chr19 40240095	-	T	153	chr19:40240044-40240110
## 4273	chr19 40240096	-	A	1	chr19:40240044-40240110
## 4274	chr19 40240096	+	G	96	chr19:40240044-40240110
## 4275	chr19 40240096	-	G	154	chr19:40240044-40240110
## 4276	chr19 40240097	-	C	1	chr19:40240044-40240110
## 4277	chr19 40240097	+	T	96	chr19:40240044-40240110
## 4278	chr19 40240097	-	T	154	chr19:40240044-40240110
## 4279	chr19 40240098	+	G	95	chr19:40240044-40240110
## 4280	chr19 40240098	-	G	156	chr19:40240044-40240110
## 4281	chr19 40240099	+	A	95	chr19:40240044-40240110
## 4282	chr19 40240099	-	A	156	chr19:40240044-40240110
## 4283	chr19 40240100	+	G	95	chr19:40240044-40240110
## 4284	chr19 40240100	-	G	156	chr19:40240044-40240110
## 4285	chr19 40240101	+	C	95	chr19:40240044-40240110
## 4286	chr19 40240101	-	C	156	chr19:40240044-40240110
## 4287	chr19 40240102	+	G	95	chr19:40240044-40240110
## 4288	chr19 40240102	-	G	156	chr19:40240044-40240110
## 4289	chr19 40240103	+	A	95	chr19:40240044-40240110
## 4290	chr19 40240103	-	A	156	chr19:40240044-40240110
## 4291	chr19 40240104	+	C	95	chr19:40240044-40240110
## 4292	chr19 40240104	-	C	156	chr19:40240044-40240110
## 4293	chr19 40240105	+	T	95	chr19:40240044-40240110
## 4294	chr19 40240105	-	T	156	chr19:40240044-40240110
## 4295	chr19 40240106	+	T	95	chr19:40240044-40240110
## 4296	chr19 40240106	-	T	156	chr19:40240044-40240110
## 4297	chr19 40240107	+	C	94	chr19:40240044-40240110
## 4298	chr19 40240107	-	C	156	chr19:40240044-40240110
## 4299	chr19 40240108	+	A	94	chr19:40240044-40240110
## 4300	chr19 40240108	-	A	156	chr19:40240044-40240110
## 4301	chr19 40240109	+	T	94	chr19:40240044-40240110
## 4302	chr19 40240109	-	T	155	chr19:40240044-40240110
## 4303	chr19 40240110	+	C	95	chr19:40240044-40240110
## 4304	chr19 40240110	-	C	155	chr19:40240044-40240110
## 4305	chr19 40241937	+	C	278	chr19:40241937-40242069
## 4306	chr19 40241937	-	C	40	chr19:40241937-40242069
## 4307	chr19 40241938	+	C	250	chr19:40241937-40242069
## 4308	chr19 40241938	-	C	32	chr19:40241937-40242069
## 4309	chr19 40241939	+	T	229	chr19:40241937-40242069
## 4310	chr19 40241939	-	T	20	chr19:40241937-40242069
## 4311	chr19 40241940	+	T	193	chr19:40241937-40242069

## 4312	chr19 40241940	-	T	15	chr19:40241937-40242069
## 4313	chr19 40241941	+	G	200	chr19:40241937-40242069
## 4314	chr19 40241941	-	G	32	chr19:40241937-40242069
## 4315	chr19 40241942	+	G	163	chr19:40241937-40242069
## 4316	chr19 40241942	-	G	36	chr19:40241937-40242069
## 4317	chr19 40241943	+	C	170	chr19:40241937-40242069
## 4318	chr19 40241943	-	C	62	chr19:40241937-40242069
## 4319	chr19 40241944	+	A	147	chr19:40241937-40242069
## 4320	chr19 40241944	-	A	60	chr19:40241937-40242069
## 4321	chr19 40241945	+	A	159	chr19:40241937-40242069
## 4322	chr19 40241945	-	A	86	chr19:40241937-40242069
## 4323	chr19 40241946	+	T	164	chr19:40241937-40242069
## 4324	chr19 40241946	-	T	86	chr19:40241937-40242069
## 4325	chr19 40241947	+	G	164	chr19:40241937-40242069
## 4326	chr19 40241947	-	G	86	chr19:40241937-40242069
## 4327	chr19 40241948	+	A	164	chr19:40241937-40242069
## 4328	chr19 40241948	-	A	85	chr19:40241937-40242069
## 4329	chr19 40241948	-	T	1	chr19:40241937-40242069
## 4330	chr19 40241949	+	T	164	chr19:40241937-40242069
## 4331	chr19 40241949	-	T	86	chr19:40241937-40242069
## 4332	chr19 40241950	+	G	164	chr19:40241937-40242069
## 4333	chr19 40241950	-	G	86	chr19:40241937-40242069
## 4334	chr19 40241951	+	A	163	chr19:40241937-40242069
## 4335	chr19 40241951	-	A	86	chr19:40241937-40242069
## 4336	chr19 40241952	+	C	165	chr19:40241937-40242069
## 4337	chr19 40241952	-	C	86	chr19:40241937-40242069
## 4338	chr19 40241953	+	T	165	chr19:40241937-40242069
## 4339	chr19 40241953	-	T	86	chr19:40241937-40242069
## 4340	chr19 40241954	+	T	165	chr19:40241937-40242069
## 4341	chr19 40241954	-	T	86	chr19:40241937-40242069
## 4342	chr19 40241955	+	C	165	chr19:40241937-40242069
## 4343	chr19 40241955	-	C	86	chr19:40241937-40242069
## 4344	chr19 40241956	+	C	165	chr19:40241937-40242069
## 4345	chr19 40241956	-	C	86	chr19:40241937-40242069
## 4346	chr19 40241957	+	T	165	chr19:40241937-40242069
## 4347	chr19 40241957	-	T	86	chr19:40241937-40242069
## 4348	chr19 40241958	+	T	165	chr19:40241937-40242069
## 4349	chr19 40241958	-	T	86	chr19:40241937-40242069
## 4350	chr19 40241959	+	C	165	chr19:40241937-40242069
## 4351	chr19 40241959	-	C	86	chr19:40241937-40242069
## 4352	chr19 40241960	+	C	165	chr19:40241937-40242069
## 4353	chr19 40241960	-	C	86	chr19:40241937-40242069
## 4354	chr19 40241961	+	G	165	chr19:40241937-40242069
## 4355	chr19 40241961	-	G	86	chr19:40241937-40242069
## 4356	chr19 40241962	+	C	165	chr19:40241937-40242069
## 4357	chr19 40241962	-	C	86	chr19:40241937-40242069
## 4358	chr19 40241963	+	A	165	chr19:40241937-40242069
## 4359	chr19 40241963	-	A	86	chr19:40241937-40242069
## 4360	chr19 40241964	+	G	165	chr19:40241937-40242069
## 4361	chr19 40241964	-	G	85	chr19:40241937-40242069
## 4362	chr19 40241964	-	T	1	chr19:40241937-40242069
## 4363	chr19 40241965	+	G	165	chr19:40241937-40242069
## 4364	chr19 40241965	-	G	86	chr19:40241937-40242069
## 4365	chr19 40241966	+	A	165	chr19:40241937-40242069

## 4366	chr19 40241966	-	A	86	chr19:40241937-40242069
## 4367	chr19 40241967	+	T	165	chr19:40241937-40242069
## 4368	chr19 40241967	-	T	86	chr19:40241937-40242069
## 4369	chr19 40241968	+	C	164	chr19:40241937-40242069
## 4370	chr19 40241968	-	C	86	chr19:40241937-40242069
## 4371	chr19 40241968	+	T	1	chr19:40241937-40242069
## 4372	chr19 40241969	+	T	165	chr19:40241937-40242069
## 4373	chr19 40241969	-	T	86	chr19:40241937-40242069
## 4374	chr19 40241970	+	T	165	chr19:40241937-40242069
## 4375	chr19 40241970	-	T	86	chr19:40241937-40242069
## 4376	chr19 40241971	+	C	165	chr19:40241937-40242069
## 4377	chr19 40241971	-	C	86	chr19:40241937-40242069
## 4378	chr19 40241972	+	A	165	chr19:40241937-40242069
## 4379	chr19 40241972	-	A	86	chr19:40241937-40242069
## 4380	chr19 40241973	+	T	166	chr19:40241937-40242069
## 4381	chr19 40241973	-	T	86	chr19:40241937-40242069
## 4382	chr19 40241974	+	G	166	chr19:40241937-40242069
## 4383	chr19 40241974	-	G	86	chr19:40241937-40242069
## 4384	chr19 40241975	+	G	166	chr19:40241937-40242069
## 4385	chr19 40241975	-	G	86	chr19:40241937-40242069
## 4386	chr19 40241976	+	C	166	chr19:40241937-40242069
## 4387	chr19 40241976	-	C	86	chr19:40241937-40242069
## 4388	chr19 40241977	+	G	166	chr19:40241937-40242069
## 4389	chr19 40241977	-	G	86	chr19:40241937-40242069
## 4390	chr19 40241978	+	T	166	chr19:40241937-40242069
## 4391	chr19 40241978	-	T	86	chr19:40241937-40242069
## 4392	chr19 40241979	+	A	166	chr19:40241937-40242069
## 4393	chr19 40241979	-	A	86	chr19:40241937-40242069
## 4394	chr19 40241980	+	G	166	chr19:40241937-40242069
## 4395	chr19 40241980	-	G	86	chr19:40241937-40242069
## 4396	chr19 40241981	+	T	166	chr19:40241937-40242069
## 4397	chr19 40241981	-	T	86	chr19:40241937-40242069
## 4398	chr19 40241982	+	A	166	chr19:40241937-40242069
## 4399	chr19 40241982	-	A	86	chr19:40241937-40242069
## 4400	chr19 40241983	+	G	166	chr19:40241937-40242069
## 4401	chr19 40241983	-	G	86	chr19:40241937-40242069
## 4402	chr19 40241984	+	C	166	chr19:40241937-40242069
## 4403	chr19 40241984	-	C	86	chr19:40241937-40242069
## 4404	chr19 40241985	+	G	166	chr19:40241937-40242069
## 4405	chr19 40241985	-	G	86	chr19:40241937-40242069
## 4406	chr19 40241986	+	G	166	chr19:40241937-40242069
## 4407	chr19 40241986	-	G	86	chr19:40241937-40242069
## 4408	chr19 40241987	+	C	166	chr19:40241937-40242069
## 4409	chr19 40241987	-	C	86	chr19:40241937-40242069
## 4410	chr19 40241988	+	A	1	chr19:40241937-40242069
## 4411	chr19 40241988	+	C	165	chr19:40241937-40242069
## 4412	chr19 40241988	-	C	86	chr19:40241937-40242069
## 4413	chr19 40241989	+	A	166	chr19:40241937-40242069
## 4414	chr19 40241989	-	A	86	chr19:40241937-40242069
## 4415	chr19 40241990	+	G	166	chr19:40241937-40242069
## 4416	chr19 40241990	-	G	86	chr19:40241937-40242069
## 4417	chr19 40241991	+	T	166	chr19:40241937-40242069
## 4418	chr19 40241991	-	T	86	chr19:40241937-40242069
## 4419	chr19 40241992	+	G	166	chr19:40241937-40242069

## 4420	chr19 40241992	-	G	86	chr19:40241937-40242069
## 4421	chr19 40241993	+	G	166	chr19:40241937-40242069
## 4422	chr19 40241993	-	G	86	chr19:40241937-40242069
## 4423	chr19 40241994	+	C	166	chr19:40241937-40242069
## 4424	chr19 40241994	-	C	85	chr19:40241937-40242069
## 4425	chr19 40241995	+	C	166	chr19:40241937-40242069
## 4426	chr19 40241995	-	C	85	chr19:40241937-40242069
## 4427	chr19 40241996	+	T	166	chr19:40241937-40242069
## 4428	chr19 40241996	-	T	85	chr19:40241937-40242069
## 4429	chr19 40241997	+	T	166	chr19:40241937-40242069
## 4430	chr19 40241997	-	T	85	chr19:40241937-40242069
## 4431	chr19 40241998	+	C	166	chr19:40241937-40242069
## 4432	chr19 40241998	-	C	85	chr19:40241937-40242069
## 4433	chr19 40241999	+	T	166	chr19:40241937-40242069
## 4434	chr19 40241999	-	T	85	chr19:40241937-40242069
## 4435	chr19 40242000	+	C	166	chr19:40241937-40242069
## 4436	chr19 40242000	-	C	85	chr19:40241937-40242069
## 4437	chr19 40242001	+	C	166	chr19:40241937-40242069
## 4438	chr19 40242001	-	C	85	chr19:40241937-40242069
## 4439	chr19 40242002	+	C	166	chr19:40241937-40242069
## 4440	chr19 40242002	-	C	85	chr19:40241937-40242069
## 4441	chr19 40242003	+	G	166	chr19:40241937-40242069
## 4442	chr19 40242003	-	G	85	chr19:40241937-40242069
## 4443	chr19 40242004	+	C	166	chr19:40241937-40242069
## 4444	chr19 40242004	-	C	85	chr19:40241937-40242069
## 4445	chr19 40242005	+	A	166	chr19:40241937-40242069
## 4446	chr19 40242005	-	A	85	chr19:40241937-40242069
## 4447	chr19 40242006	+	C	166	chr19:40241937-40242069
## 4448	chr19 40242006	-	C	85	chr19:40241937-40242069
## 4449	chr19 40242007	+	C	166	chr19:40241937-40242069
## 4450	chr19 40242007	-	C	85	chr19:40241937-40242069
## 4451	chr19 40242008	+	A	166	chr19:40241937-40242069
## 4452	chr19 40242008	-	A	85	chr19:40241937-40242069
## 4453	chr19 40242009	+	G	166	chr19:40241937-40242069
## 4454	chr19 40242009	-	G	85	chr19:40241937-40242069
## 4455	chr19 40242010	+	G	166	chr19:40241937-40242069
## 4456	chr19 40242010	-	G	85	chr19:40241937-40242069
## 4457	chr19 40242011	+	A	164	chr19:40241937-40242069
## 4458	chr19 40242011	-	A	86	chr19:40241937-40242069
## 4459	chr19 40242011	+	G	1	chr19:40241937-40242069
## 4460	chr19 40242012	+	T	165	chr19:40241937-40242069
## 4461	chr19 40242012	-	T	86	chr19:40241937-40242069
## 4462	chr19 40242013	+	G	165	chr19:40241937-40242069
## 4463	chr19 40242013	-	G	86	chr19:40241937-40242069
## 4464	chr19 40242014	+	A	165	chr19:40241937-40242069
## 4465	chr19 40242014	-	A	86	chr19:40241937-40242069
## 4466	chr19 40242015	+	C	164	chr19:40241937-40242069
## 4467	chr19 40242015	-	C	86	chr19:40241937-40242069
## 4468	chr19 40242016	+	T	144	chr19:40241937-40242069
## 4469	chr19 40242016	-	T	64	chr19:40241937-40242069
## 4470	chr19 40242017	+	T	134	chr19:40241937-40242069
## 4471	chr19 40242017	-	T	74	chr19:40241937-40242069
## 4472	chr19 40242018	+	T	115	chr19:40241937-40242069
## 4473	chr19 40242018	-	T	61	chr19:40241937-40242069

## 4474	chr19 40242019	+	G	96	chr19:40241937-40242069
## 4475	chr19 40242019	-	G	72	chr19:40241937-40242069
## 4476	chr19 40242020	+	C	85	chr19:40241937-40242069
## 4477	chr19 40242020	-	C	69	chr19:40241937-40242069
## 4478	chr19 40242021	+	C	82	chr19:40241937-40242069
## 4479	chr19 40242021	-	C	78	chr19:40241937-40242069
## 4480	chr19 40242022	+	A	83	chr19:40241937-40242069
## 4481	chr19 40242022	-	A	95	chr19:40241937-40242069
## 4482	chr19 40242023	+	A	82	chr19:40241937-40242069
## 4483	chr19 40242023	-	A	110	chr19:40241937-40242069
## 4484	chr19 40242024	+	A	83	chr19:40241937-40242069
## 4485	chr19 40242024	-	A	134	chr19:40241937-40242069
## 4486	chr19 40242025	+	G	86	chr19:40241937-40242069
## 4487	chr19 40242025	-	G	144	chr19:40241937-40242069
## 4488	chr19 40242026	+	G	89	chr19:40241937-40242069
## 4489	chr19 40242026	-	G	160	chr19:40241937-40242069
## 4490	chr19 40242027	-	G	1	chr19:40241937-40242069
## 4491	chr19 40242027	+	T	90	chr19:40241937-40242069
## 4492	chr19 40242027	-	T	159	chr19:40241937-40242069
## 4493	chr19 40242028	+	T	90	chr19:40241937-40242069
## 4494	chr19 40242028	-	T	160	chr19:40241937-40242069
## 4495	chr19 40242029	+	C	90	chr19:40241937-40242069
## 4496	chr19 40242029	-	C	160	chr19:40241937-40242069
## 4497	chr19 40242030	+	C	90	chr19:40241937-40242069
## 4498	chr19 40242030	-	C	160	chr19:40241937-40242069
## 4499	chr19 40242031	+	C	90	chr19:40241937-40242069
## 4500	chr19 40242031	-	C	160	chr19:40241937-40242069
## 4501	chr19 40242032	-	A	2	chr19:40241937-40242069
## 4502	chr19 40242032	+	T	89	chr19:40241937-40242069
## 4503	chr19 40242032	-	T	159	chr19:40241937-40242069
## 4504	chr19 40242033	+	T	89	chr19:40241937-40242069
## 4505	chr19 40242033	-	T	161	chr19:40241937-40242069
## 4506	chr19 40242034	+	G	89	chr19:40241937-40242069
## 4507	chr19 40242034	-	G	161	chr19:40241937-40242069
## 4508	chr19 40242035	+	C	89	chr19:40241937-40242069
## 4509	chr19 40242035	-	C	161	chr19:40241937-40242069
## 4510	chr19 40242036	+	C	89	chr19:40241937-40242069
## 4511	chr19 40242036	-	C	161	chr19:40241937-40242069
## 4512	chr19 40242037	+	A	89	chr19:40241937-40242069
## 4513	chr19 40242037	-	A	161	chr19:40241937-40242069
## 4514	chr19 40242038	+	A	89	chr19:40241937-40242069
## 4515	chr19 40242038	-	A	160	chr19:40241937-40242069
## 4516	chr19 40242038	-	G	1	chr19:40241937-40242069
## 4517	chr19 40242039	+	G	89	chr19:40241937-40242069
## 4518	chr19 40242039	-	G	161	chr19:40241937-40242069
## 4519	chr19 40242040	+	G	88	chr19:40241937-40242069
## 4520	chr19 40242040	-	G	162	chr19:40241937-40242069
## 4521	chr19 40242041	+	A	88	chr19:40241937-40242069
## 4522	chr19 40242041	-	A	162	chr19:40241937-40242069
## 4523	chr19 40242042	+	G	87	chr19:40241937-40242069
## 4524	chr19 40242042	-	G	163	chr19:40241937-40242069
## 4525	chr19 40242043	+	T	86	chr19:40241937-40242069
## 4526	chr19 40242043	-	T	163	chr19:40241937-40242069
## 4527	chr19 40242044	+	T	88	chr19:40241937-40242069

## 4528	chr19 40242044	-	T	163	chr19:40241937-40242069
## 4529	chr19 40242045	+	T	87	chr19:40241937-40242069
## 4530	chr19 40242045	-	T	164	chr19:40241937-40242069
## 4531	chr19 40242046	+	G	86	chr19:40241937-40242069
## 4532	chr19 40242046	-	G	165	chr19:40241937-40242069
## 4533	chr19 40242047	+	A	85	chr19:40241937-40242069
## 4534	chr19 40242047	-	A	166	chr19:40241937-40242069
## 4535	chr19 40242048	+	G	85	chr19:40241937-40242069
## 4536	chr19 40242048	-	G	166	chr19:40241937-40242069
## 4537	chr19 40242049	+	A	84	chr19:40241937-40242069
## 4538	chr19 40242049	-	A	167	chr19:40241937-40242069
## 4539	chr19 40242050	+	T	83	chr19:40241937-40242069
## 4540	chr19 40242050	-	T	168	chr19:40241937-40242069
## 4541	chr19 40242051	+	A	82	chr19:40241937-40242069
## 4542	chr19 40242051	-	A	169	chr19:40241937-40242069
## 4543	chr19 40242052	+	G	81	chr19:40241937-40242069
## 4544	chr19 40242052	-	G	170	chr19:40241937-40242069
## 4545	chr19 40242053	+	T	79	chr19:40241937-40242069
## 4546	chr19 40242053	-	T	171	chr19:40241937-40242069
## 4547	chr19 40242054	+	C	80	chr19:40241937-40242069
## 4548	chr19 40242054	-	C	171	chr19:40241937-40242069
## 4549	chr19 40242055	+	G	80	chr19:40241937-40242069
## 4550	chr19 40242055	-	G	171	chr19:40241937-40242069
## 4551	chr19 40242056	+	A	79	chr19:40241937-40242069
## 4552	chr19 40242056	-	A	172	chr19:40241937-40242069
## 4553	chr19 40242057	+	A	78	chr19:40241937-40242069
## 4554	chr19 40242057	-	A	173	chr19:40241937-40242069
## 4555	chr19 40242058	+	G	77	chr19:40241937-40242069
## 4556	chr19 40242058	-	G	174	chr19:40241937-40242069
## 4557	chr19 40242059	+	T	76	chr19:40241937-40242069
## 4558	chr19 40242059	-	T	175	chr19:40241937-40242069
## 4559	chr19 40242060	+	C	75	chr19:40241937-40242069
## 4560	chr19 40242060	-	C	176	chr19:40241937-40242069
## 4561	chr19 40242061	+	A	73	chr19:40241937-40242069
## 4562	chr19 40242061	-	A	177	chr19:40241937-40242069
## 4563	chr19 40242061	+	G	1	chr19:40241937-40242069
## 4564	chr19 40242062	+	T	73	chr19:40241937-40242069
## 4565	chr19 40242062	-	T	178	chr19:40241937-40242069
## 4566	chr19 40242063	+	T	72	chr19:40241937-40242069
## 4567	chr19 40242063	-	T	179	chr19:40241937-40242069
## 4568	chr19 40242064	+	C	71	chr19:40241937-40242069
## 4569	chr19 40242064	-	C	180	chr19:40241937-40242069
## 4570	chr19 40242065	+	A	71	chr19:40241937-40242069
## 4571	chr19 40242065	-	A	180	chr19:40241937-40242069
## 4572	chr19 40242066	+	T	70	chr19:40241937-40242069
## 4573	chr19 40242066	-	T	181	chr19:40241937-40242069
## 4574	chr19 40242067	+	G	69	chr19:40241937-40242069
## 4575	chr19 40242067	-	G	182	chr19:40241937-40242069
## 4576	chr19 40242068	+	G	68	chr19:40241937-40242069
## 4577	chr19 40242068	-	G	183	chr19:40241937-40242069
## 4578	chr19 40242069	+	T	67	chr19:40241937-40242069
## 4579	chr19 40242069	-	T	184	chr19:40241937-40242069
## 4580	chr19 40242533	+	C	265	chr19:40242533-40242687
## 4581	chr19 40242533	-	C	48	chr19:40242533-40242687

## 4582	chr19 40242534	+	A	1	chr19:40242533-40242687
## 4583	chr19 40242534	+	C	251	chr19:40242533-40242687
## 4584	chr19 40242534	-	C	41	chr19:40242533-40242687
## 4585	chr19 40242535	+	A	241	chr19:40242533-40242687
## 4586	chr19 40242535	-	A	39	chr19:40242533-40242687
## 4587	chr19 40242535	+	C	1	chr19:40242533-40242687
## 4588	chr19 40242536	+	C	236	chr19:40242533-40242687
## 4589	chr19 40242536	-	C	37	chr19:40242533-40242687
## 4590	chr19 40242537	+	T	226	chr19:40242533-40242687
## 4591	chr19 40242537	-	T	33	chr19:40242533-40242687
## 4592	chr19 40242538	+	T	207	chr19:40242533-40242687
## 4593	chr19 40242538	-	T	30	chr19:40242533-40242687
## 4594	chr19 40242539	+	T	203	chr19:40242533-40242687
## 4595	chr19 40242539	-	T	30	chr19:40242533-40242687
## 4596	chr19 40242540	+	A	215	chr19:40242533-40242687
## 4597	chr19 40242540	-	A	26	chr19:40242533-40242687
## 4598	chr19 40242541	+	G	202	chr19:40242533-40242687
## 4599	chr19 40242541	-	G	24	chr19:40242533-40242687
## 4600	chr19 40242542	+	C	205	chr19:40242533-40242687
## 4601	chr19 40242542	-	C	21	chr19:40242533-40242687
## 4602	chr19 40242543	+	C	214	chr19:40242533-40242687
## 4603	chr19 40242543	-	C	18	chr19:40242533-40242687
## 4604	chr19 40242544	+	C	218	chr19:40242533-40242687
## 4605	chr19 40242544	-	C	17	chr19:40242533-40242687
## 4606	chr19 40242545	+	A	1	chr19:40242533-40242687
## 4607	chr19 40242545	+	G	199	chr19:40242533-40242687
## 4608	chr19 40242545	-	G	9	chr19:40242533-40242687
## 4609	chr19 40242546	+	T	216	chr19:40242533-40242687
## 4610	chr19 40242546	-	T	15	chr19:40242533-40242687
## 4611	chr19 40242547	+	G	228	chr19:40242533-40242687
## 4612	chr19 40242547	-	G	22	chr19:40242533-40242687
## 4613	chr19 40242548	+	C	226	chr19:40242533-40242687
## 4614	chr19 40242548	-	C	22	chr19:40242533-40242687
## 4615	chr19 40242548	+	T	2	chr19:40242533-40242687
## 4616	chr19 40242549	+	C	228	chr19:40242533-40242687
## 4617	chr19 40242549	-	C	22	chr19:40242533-40242687
## 4618	chr19 40242550	+	T	228	chr19:40242533-40242687
## 4619	chr19 40242550	-	T	22	chr19:40242533-40242687
## 4620	chr19 40242551	+	T	228	chr19:40242533-40242687
## 4621	chr19 40242551	-	T	22	chr19:40242533-40242687
## 4622	chr19 40242552	+	G	228	chr19:40242533-40242687
## 4623	chr19 40242552	-	G	22	chr19:40242533-40242687
## 4624	chr19 40242553	+	C	228	chr19:40242533-40242687
## 4625	chr19 40242553	-	C	22	chr19:40242533-40242687
## 4626	chr19 40242554	+	A	1	chr19:40242533-40242687
## 4627	chr19 40242554	+	T	227	chr19:40242533-40242687
## 4628	chr19 40242554	-	T	22	chr19:40242533-40242687
## 4629	chr19 40242555	+	G	228	chr19:40242533-40242687
## 4630	chr19 40242555	-	G	22	chr19:40242533-40242687
## 4631	chr19 40242556	+	A	224	chr19:40242533-40242687
## 4632	chr19 40242556	-	A	22	chr19:40242533-40242687
## 4633	chr19 40242556	+	C	4	chr19:40242533-40242687
## 4634	chr19 40242557	+	C	228	chr19:40242533-40242687
## 4635	chr19 40242557	-	C	22	chr19:40242533-40242687

## 4636	chr19 40242558	+	A	1	chr19:40242533-40242687
## 4637	chr19 40242558	+	C	226	chr19:40242533-40242687
## 4638	chr19 40242558	-	C	22	chr19:40242533-40242687
## 4639	chr19 40242558	+	T	1	chr19:40242533-40242687
## 4640	chr19 40242559	+	G	228	chr19:40242533-40242687
## 4641	chr19 40242559	-	G	22	chr19:40242533-40242687
## 4642	chr19 40242560	+	C	228	chr19:40242533-40242687
## 4643	chr19 40242560	-	C	22	chr19:40242533-40242687
## 4644	chr19 40242561	+	C	228	chr19:40242533-40242687
## 4645	chr19 40242561	-	C	22	chr19:40242533-40242687
## 4646	chr19 40242562	+	A	228	chr19:40242533-40242687
## 4647	chr19 40242562	-	A	22	chr19:40242533-40242687
## 4648	chr19 40242563	+	C	228	chr19:40242533-40242687
## 4649	chr19 40242563	-	C	22	chr19:40242533-40242687
## 4650	chr19 40242564	+	T	228	chr19:40242533-40242687
## 4651	chr19 40242564	-	T	22	chr19:40242533-40242687
## 4652	chr19 40242565	+	T	228	chr19:40242533-40242687
## 4653	chr19 40242565	-	T	22	chr19:40242533-40242687
## 4654	chr19 40242566	+	C	227	chr19:40242533-40242687
## 4655	chr19 40242566	-	C	22	chr19:40242533-40242687
## 4656	chr19 40242566	+	T	1	chr19:40242533-40242687
## 4657	chr19 40242567	+	C	228	chr19:40242533-40242687
## 4658	chr19 40242567	-	C	22	chr19:40242533-40242687
## 4659	chr19 40242568	+	A	228	chr19:40242533-40242687
## 4660	chr19 40242568	-	A	22	chr19:40242533-40242687
## 4661	chr19 40242569	+	T	228	chr19:40242533-40242687
## 4662	chr19 40242569	-	T	22	chr19:40242533-40242687
## 4663	chr19 40242570	+	C	228	chr19:40242533-40242687
## 4664	chr19 40242570	-	C	22	chr19:40242533-40242687
## 4665	chr19 40242571	+	T	228	chr19:40242533-40242687
## 4666	chr19 40242571	-	T	22	chr19:40242533-40242687
## 4667	chr19 40242572	+	C	228	chr19:40242533-40242687
## 4668	chr19 40242572	-	C	22	chr19:40242533-40242687
## 4669	chr19 40242573	+	C	228	chr19:40242533-40242687
## 4670	chr19 40242573	-	C	22	chr19:40242533-40242687
## 4671	chr19 40242574	+	T	228	chr19:40242533-40242687
## 4672	chr19 40242574	-	T	22	chr19:40242533-40242687
## 4673	chr19 40242575	+	C	228	chr19:40242533-40242687
## 4674	chr19 40242575	-	C	22	chr19:40242533-40242687
## 4675	chr19 40242576	+	A	228	chr19:40242533-40242687
## 4676	chr19 40242576	-	A	22	chr19:40242533-40242687
## 4677	chr19 40242577	+	G	228	chr19:40242533-40242687
## 4678	chr19 40242577	-	G	22	chr19:40242533-40242687
## 4679	chr19 40242578	+	T	228	chr19:40242533-40242687
## 4680	chr19 40242578	-	T	22	chr19:40242533-40242687
## 4681	chr19 40242579	+	C	228	chr19:40242533-40242687
## 4682	chr19 40242579	-	C	22	chr19:40242533-40242687
## 4683	chr19 40242580	+	G	228	chr19:40242533-40242687
## 4684	chr19 40242580	-	G	22	chr19:40242533-40242687
## 4685	chr19 40242581	+	T	228	chr19:40242533-40242687
## 4686	chr19 40242581	-	T	22	chr19:40242533-40242687
## 4687	chr19 40242582	+	G	228	chr19:40242533-40242687
## 4688	chr19 40242582	-	G	22	chr19:40242533-40242687
## 4689	chr19 40242583	+	G	227	chr19:40242533-40242687

## 4690	chr19 40242583	-	G	22	chr19:40242533-40242687
## 4691	chr19 40242584	+	A	226	chr19:40242533-40242687
## 4692	chr19 40242584	-	A	22	chr19:40242533-40242687
## 4693	chr19 40242584	+	T	1	chr19:40242533-40242687
## 4694	chr19 40242585	+	G	228	chr19:40242533-40242687
## 4695	chr19 40242585	-	G	22	chr19:40242533-40242687
## 4696	chr19 40242586	+	G	228	chr19:40242533-40242687
## 4697	chr19 40242586	-	G	22	chr19:40242533-40242687
## 4698	chr19 40242587	+	A	228	chr19:40242533-40242687
## 4699	chr19 40242587	-	A	22	chr19:40242533-40242687
## 4700	chr19 40242588	+	G	227	chr19:40242533-40242687
## 4701	chr19 40242588	-	G	22	chr19:40242533-40242687
## 4702	chr19 40242589	+	T	228	chr19:40242533-40242687
## 4703	chr19 40242589	-	T	22	chr19:40242533-40242687
## 4704	chr19 40242590	+	C	228	chr19:40242533-40242687
## 4705	chr19 40242590	-	C	22	chr19:40242533-40242687
## 4706	chr19 40242591	+	A	228	chr19:40242533-40242687
## 4707	chr19 40242591	-	A	22	chr19:40242533-40242687
## 4708	chr19 40242592	+	C	228	chr19:40242533-40242687
## 4709	chr19 40242592	-	C	22	chr19:40242533-40242687
## 4710	chr19 40242593	+	T	228	chr19:40242533-40242687
## 4711	chr19 40242593	-	T	22	chr19:40242533-40242687
## 4712	chr19 40242594	+	G	227	chr19:40242533-40242687
## 4713	chr19 40242594	-	G	23	chr19:40242533-40242687
## 4714	chr19 40242595	+	G	224	chr19:40242533-40242687
## 4715	chr19 40242595	-	G	23	chr19:40242533-40242687
## 4716	chr19 40242595	+	T	4	chr19:40242533-40242687
## 4717	chr19 40242596	+	G	228	chr19:40242533-40242687
## 4718	chr19 40242596	-	G	23	chr19:40242533-40242687
## 4719	chr19 40242597	+	G	227	chr19:40242533-40242687
## 4720	chr19 40242597	-	G	23	chr19:40242533-40242687
## 4721	chr19 40242598	+	G	226	chr19:40242533-40242687
## 4722	chr19 40242598	-	G	24	chr19:40242533-40242687
## 4723	chr19 40242599	+	A	226	chr19:40242533-40242687
## 4724	chr19 40242599	-	A	24	chr19:40242533-40242687
## 4725	chr19 40242600	+	G	226	chr19:40242533-40242687
## 4726	chr19 40242600	-	G	24	chr19:40242533-40242687
## 4727	chr19 40242601	+	C	225	chr19:40242533-40242687
## 4728	chr19 40242601	-	C	25	chr19:40242533-40242687
## 4729	chr19 40242602	+	C	225	chr19:40242533-40242687
## 4730	chr19 40242602	-	C	25	chr19:40242533-40242687
## 4731	chr19 40242603	+	A	222	chr19:40242533-40242687
## 4732	chr19 40242603	-	A	25	chr19:40242533-40242687
## 4733	chr19 40242603	+	C	2	chr19:40242533-40242687
## 4734	chr19 40242604	+	C	224	chr19:40242533-40242687
## 4735	chr19 40242604	-	C	26	chr19:40242533-40242687
## 4736	chr19 40242605	+	A	221	chr19:40242533-40242687
## 4737	chr19 40242605	-	A	27	chr19:40242533-40242687
## 4738	chr19 40242606	+	C	223	chr19:40242533-40242687
## 4739	chr19 40242606	-	C	27	chr19:40242533-40242687
## 4740	chr19 40242607	+	T	223	chr19:40242533-40242687
## 4741	chr19 40242607	-	T	27	chr19:40242533-40242687
## 4742	chr19 40242608	+	T	222	chr19:40242533-40242687
## 4743	chr19 40242608	-	T	28	chr19:40242533-40242687

## 4744	chr19 40242609	+	G	221	chr19:40242533-40242687
## 4745	chr19 40242609	-	G	28	chr19:40242533-40242687
## 4746	chr19 40242609	+	T	1	chr19:40242533-40242687
## 4747	chr19 40242610	+	T	221	chr19:40242533-40242687
## 4748	chr19 40242610	-	T	28	chr19:40242533-40242687
## 4749	chr19 40242611	+	A	220	chr19:40242533-40242687
## 4750	chr19 40242611	-	A	30	chr19:40242533-40242687
## 4751	chr19 40242612	+	G	220	chr19:40242533-40242687
## 4752	chr19 40242612	-	G	30	chr19:40242533-40242687
## 4753	chr19 40242613	+	T	220	chr19:40242533-40242687
## 4754	chr19 40242613	-	T	30	chr19:40242533-40242687
## 4755	chr19 40242614	+	C	209	chr19:40242533-40242687
## 4756	chr19 40242614	-	C	28	chr19:40242533-40242687
## 4757	chr19 40242615	+	C	192	chr19:40242533-40242687
## 4758	chr19 40242615	-	C	32	chr19:40242533-40242687
## 4759	chr19 40242616	+	A	186	chr19:40242533-40242687
## 4760	chr19 40242616	-	A	43	chr19:40242533-40242687
## 4761	chr19 40242617	+	T	165	chr19:40242533-40242687
## 4762	chr19 40242617	-	T	53	chr19:40242533-40242687
## 4763	chr19 40242618	+	G	145	chr19:40242533-40242687
## 4764	chr19 40242618	-	G	57	chr19:40242533-40242687
## 4765	chr19 40242619	+	G	140	chr19:40242533-40242687
## 4766	chr19 40242619	-	G	61	chr19:40242533-40242687
## 4767	chr19 40242620	+	G	126	chr19:40242533-40242687
## 4768	chr19 40242620	-	G	75	chr19:40242533-40242687
## 4769	chr19 40242621	-	A	1	chr19:40242533-40242687
## 4770	chr19 40242621	+	G	105	chr19:40242533-40242687
## 4771	chr19 40242621	-	G	88	chr19:40242533-40242687
## 4772	chr19 40242622	+	T	99	chr19:40242533-40242687
## 4773	chr19 40242622	-	T	87	chr19:40242533-40242687
## 4774	chr19 40242623	+	C	105	chr19:40242533-40242687
## 4775	chr19 40242623	-	C	103	chr19:40242533-40242687
## 4776	chr19 40242624	+	C	106	chr19:40242533-40242687
## 4777	chr19 40242624	-	C	134	chr19:40242533-40242687
## 4778	chr19 40242625	-	G	1	chr19:40242533-40242687
## 4779	chr19 40242625	+	T	105	chr19:40242533-40242687
## 4780	chr19 40242625	-	T	144	chr19:40242533-40242687
## 4781	chr19 40242626	+	C	104	chr19:40242533-40242687
## 4782	chr19 40242626	-	C	145	chr19:40242533-40242687
## 4783	chr19 40242627	+	G	105	chr19:40242533-40242687
## 4784	chr19 40242627	-	G	144	chr19:40242533-40242687
## 4785	chr19 40242627	-	T	1	chr19:40242533-40242687
## 4786	chr19 40242628	+	C	105	chr19:40242533-40242687
## 4787	chr19 40242628	-	C	145	chr19:40242533-40242687
## 4788	chr19 40242629	+	C	105	chr19:40242533-40242687
## 4789	chr19 40242629	-	C	145	chr19:40242533-40242687
## 4790	chr19 40242630	+	T	105	chr19:40242533-40242687
## 4791	chr19 40242630	-	T	145	chr19:40242533-40242687
## 4792	chr19 40242631	+	G	105	chr19:40242533-40242687
## 4793	chr19 40242631	-	G	145	chr19:40242533-40242687
## 4794	chr19 40242632	+	G	105	chr19:40242533-40242687
## 4795	chr19 40242632	-	G	145	chr19:40242533-40242687
## 4796	chr19 40242633	+	G	105	chr19:40242533-40242687
## 4797	chr19 40242633	-	G	145	chr19:40242533-40242687

## 4798	chr19 40242634	+	G	105	chr19:40242533-40242687
## 4799	chr19 40242634	-	G	144	chr19:40242533-40242687
## 4800	chr19 40242634	-	T	1	chr19:40242533-40242687
## 4801	chr19 40242635	+	C	105	chr19:40242533-40242687
## 4802	chr19 40242635	-	C	145	chr19:40242533-40242687
## 4803	chr19 40242636	+	C	104	chr19:40242533-40242687
## 4804	chr19 40242636	-	C	146	chr19:40242533-40242687
## 4805	chr19 40242637	+	A	1	chr19:40242533-40242687
## 4806	chr19 40242637	+	C	103	chr19:40242533-40242687
## 4807	chr19 40242637	-	C	146	chr19:40242533-40242687
## 4808	chr19 40242638	+	G	104	chr19:40242533-40242687
## 4809	chr19 40242638	-	G	146	chr19:40242533-40242687
## 4810	chr19 40242639	+	C	104	chr19:40242533-40242687
## 4811	chr19 40242639	-	C	146	chr19:40242533-40242687
## 4812	chr19 40242640	+	T	104	chr19:40242533-40242687
## 4813	chr19 40242640	-	T	146	chr19:40242533-40242687
## 4814	chr19 40242641	+	G	104	chr19:40242533-40242687
## 4815	chr19 40242641	-	G	146	chr19:40242533-40242687
## 4816	chr19 40242642	+	C	104	chr19:40242533-40242687
## 4817	chr19 40242642	-	C	146	chr19:40242533-40242687
## 4818	chr19 40242643	+	T	105	chr19:40242533-40242687
## 4819	chr19 40242643	-	T	146	chr19:40242533-40242687
## 4820	chr19 40242644	+	T	105	chr19:40242533-40242687
## 4821	chr19 40242644	-	T	146	chr19:40242533-40242687
## 4822	chr19 40242645	+	G	105	chr19:40242533-40242687
## 4823	chr19 40242645	-	G	146	chr19:40242533-40242687
## 4824	chr19 40242646	+	A	105	chr19:40242533-40242687
## 4825	chr19 40242646	-	A	146	chr19:40242533-40242687
## 4826	chr19 40242647	+	G	105	chr19:40242533-40242687
## 4827	chr19 40242647	-	G	146	chr19:40242533-40242687
## 4828	chr19 40242648	+	C	1	chr19:40242533-40242687
## 4829	chr19 40242648	+	G	104	chr19:40242533-40242687
## 4830	chr19 40242648	-	G	146	chr19:40242533-40242687
## 4831	chr19 40242649	+	C	105	chr19:40242533-40242687
## 4832	chr19 40242649	-	C	146	chr19:40242533-40242687
## 4833	chr19 40242650	+	T	105	chr19:40242533-40242687
## 4834	chr19 40242650	-	T	146	chr19:40242533-40242687
## 4835	chr19 40242651	+	G	105	chr19:40242533-40242687
## 4836	chr19 40242651	-	G	146	chr19:40242533-40242687
## 4837	chr19 40242652	+	T	106	chr19:40242533-40242687
## 4838	chr19 40242652	-	T	146	chr19:40242533-40242687
## 4839	chr19 40242653	-	A	1	chr19:40242533-40242687
## 4840	chr19 40242653	+	T	106	chr19:40242533-40242687
## 4841	chr19 40242653	-	T	145	chr19:40242533-40242687
## 4842	chr19 40242654	+	G	105	chr19:40242533-40242687
## 4843	chr19 40242654	-	G	147	chr19:40242533-40242687
## 4844	chr19 40242655	+	A	1	chr19:40242533-40242687
## 4845	chr19 40242655	+	G	104	chr19:40242533-40242687
## 4846	chr19 40242655	-	G	147	chr19:40242533-40242687
## 4847	chr19 40242656	+	C	105	chr19:40242533-40242687
## 4848	chr19 40242656	-	C	147	chr19:40242533-40242687
## 4849	chr19 40242657	+	G	105	chr19:40242533-40242687
## 4850	chr19 40242657	-	G	147	chr19:40242533-40242687
## 4851	chr19 40242658	+	A	102	chr19:40242533-40242687

## 4852	chr19 40242658	-	A	147	chr19:40242533-40242687
## 4853	chr19 40242658	+	C	1	chr19:40242533-40242687
## 4854	chr19 40242659	+	C	102	chr19:40242533-40242687
## 4855	chr19 40242659	-	C	147	chr19:40242533-40242687
## 4856	chr19 40242660	+	C	103	chr19:40242533-40242687
## 4857	chr19 40242660	-	C	147	chr19:40242533-40242687
## 4858	chr19 40242661	+	A	103	chr19:40242533-40242687
## 4859	chr19 40242661	-	A	147	chr19:40242533-40242687
## 4860	chr19 40242662	+	T	103	chr19:40242533-40242687
## 4861	chr19 40242662	-	T	147	chr19:40242533-40242687
## 4862	chr19 40242663	+	C	103	chr19:40242533-40242687
## 4863	chr19 40242663	-	C	147	chr19:40242533-40242687
## 4864	chr19 40242664	+	C	1	chr19:40242533-40242687
## 4865	chr19 40242664	+	T	101	chr19:40242533-40242687
## 4866	chr19 40242664	-	T	147	chr19:40242533-40242687
## 4867	chr19 40242665	+	G	101	chr19:40242533-40242687
## 4868	chr19 40242665	-	G	149	chr19:40242533-40242687
## 4869	chr19 40242666	+	G	101	chr19:40242533-40242687
## 4870	chr19 40242666	-	G	148	chr19:40242533-40242687
## 4871	chr19 40242667	+	A	102	chr19:40242533-40242687
## 4872	chr19 40242667	-	A	147	chr19:40242533-40242687
## 4873	chr19 40242667	-	T	1	chr19:40242533-40242687
## 4874	chr19 40242668	+	T	102	chr19:40242533-40242687
## 4875	chr19 40242668	-	T	148	chr19:40242533-40242687
## 4876	chr19 40242669	+	G	102	chr19:40242533-40242687
## 4877	chr19 40242669	-	G	148	chr19:40242533-40242687
## 4878	chr19 40242670	+	G	102	chr19:40242533-40242687
## 4879	chr19 40242670	-	G	148	chr19:40242533-40242687
## 4880	chr19 40242671	-	A	4	chr19:40242533-40242687
## 4881	chr19 40242671	+	C	102	chr19:40242533-40242687
## 4882	chr19 40242671	-	C	144	chr19:40242533-40242687
## 4883	chr19 40242672	-	A	1	chr19:40242533-40242687
## 4884	chr19 40242672	+	C	102	chr19:40242533-40242687
## 4885	chr19 40242672	-	C	147	chr19:40242533-40242687
## 4886	chr19 40242673	+	C	103	chr19:40242533-40242687
## 4887	chr19 40242673	-	C	147	chr19:40242533-40242687
## 4888	chr19 40242674	+	G	104	chr19:40242533-40242687
## 4889	chr19 40242674	-	G	147	chr19:40242533-40242687
## 4890	chr19 40242675	+	C	104	chr19:40242533-40242687
## 4891	chr19 40242675	-	C	147	chr19:40242533-40242687
## 4892	chr19 40242676	+	A	105	chr19:40242533-40242687
## 4893	chr19 40242676	-	A	145	chr19:40242533-40242687
## 4894	chr19 40242677	+	T	105	chr19:40242533-40242687
## 4895	chr19 40242677	-	T	144	chr19:40242533-40242687
## 4896	chr19 40242678	+	C	106	chr19:40242533-40242687
## 4897	chr19 40242678	-	C	144	chr19:40242533-40242687
## 4898	chr19 40242679	+	C	106	chr19:40242533-40242687
## 4899	chr19 40242679	-	C	142	chr19:40242533-40242687
## 4900	chr19 40242679	-	G	1	chr19:40242533-40242687
## 4901	chr19 40242680	+	A	107	chr19:40242533-40242687
## 4902	chr19 40242680	-	A	143	chr19:40242533-40242687
## 4903	chr19 40242681	+	C	104	chr19:40242533-40242687
## 4904	chr19 40242681	-	C	143	chr19:40242533-40242687
## 4905	chr19 40242682	+	T	107	chr19:40242533-40242687

## 4906	chr19 40242682	-	T	143	chr19:40242533-40242687
## 4907	chr19 40242683	+	C	108	chr19:40242533-40242687
## 4908	chr19 40242683	-	C	143	chr19:40242533-40242687
## 4909	chr19 40242684	+	C	108	chr19:40242533-40242687
## 4910	chr19 40242684	-	C	143	chr19:40242533-40242687
## 4911	chr19 40242685	+	T	107	chr19:40242533-40242687
## 4912	chr19 40242685	-	T	143	chr19:40242533-40242687
## 4913	chr19 40242686	+	C	108	chr19:40242533-40242687
## 4914	chr19 40242686	-	C	141	chr19:40242533-40242687
## 4915	chr19 40242687	+	C	109	chr19:40242533-40242687
## 4916	chr19 40242687	-	C	141	chr19:40242533-40242687
## 4917	chr19 40255157	+	C	247	chr19:40255157-40255269
## 4918	chr19 40255157	-	C	69	chr19:40255157-40255269
## 4919	chr19 40255158	+	C	236	chr19:40255157-40255269
## 4920	chr19 40255158	-	C	69	chr19:40255157-40255269
## 4921	chr19 40255159	+	T	210	chr19:40255157-40255269
## 4922	chr19 40255159	-	T	64	chr19:40255157-40255269
## 4923	chr19 40255160	+	C	191	chr19:40255157-40255269
## 4924	chr19 40255160	-	C	62	chr19:40255157-40255269
## 4925	chr19 40255161	+	T	178	chr19:40255157-40255269
## 4926	chr19 40255161	-	T	55	chr19:40255157-40255269
## 4927	chr19 40255162	+	C	187	chr19:40255157-40255269
## 4928	chr19 40255162	-	C	49	chr19:40255157-40255269
## 4929	chr19 40255163	+	C	1	chr19:40255157-40255269
## 4930	chr19 40255163	+	G	180	chr19:40255157-40255269
## 4931	chr19 40255163	-	G	36	chr19:40255157-40255269
## 4932	chr19 40255164	+	T	195	chr19:40255157-40255269
## 4933	chr19 40255164	-	T	40	chr19:40255157-40255269
## 4934	chr19 40255165	+	C	191	chr19:40255157-40255269
## 4935	chr19 40255165	-	C	19	chr19:40255157-40255269
## 4936	chr19 40255166	+	T	206	chr19:40255157-40255269
## 4937	chr19 40255166	-	T	10	chr19:40255157-40255269
## 4938	chr19 40255167	+	G	209	chr19:40255157-40255269
## 4939	chr19 40255167	-	G	19	chr19:40255157-40255269
## 4940	chr19 40255168	+	G	231	chr19:40255157-40255269
## 4941	chr19 40255168	-	G	19	chr19:40255157-40255269
## 4942	chr19 40255169	+	A	231	chr19:40255157-40255269
## 4943	chr19 40255169	-	A	19	chr19:40255157-40255269
## 4944	chr19 40255170	+	G	231	chr19:40255157-40255269
## 4945	chr19 40255170	-	G	19	chr19:40255157-40255269
## 4946	chr19 40255171	+	A	231	chr19:40255157-40255269
## 4947	chr19 40255171	-	A	19	chr19:40255157-40255269
## 4948	chr19 40255172	+	A	231	chr19:40255157-40255269
## 4949	chr19 40255172	-	A	19	chr19:40255157-40255269
## 4950	chr19 40255173	+	T	231	chr19:40255157-40255269
## 4951	chr19 40255173	-	T	19	chr19:40255157-40255269
## 4952	chr19 40255174	+	C	231	chr19:40255157-40255269
## 4953	chr19 40255174	-	C	19	chr19:40255157-40255269
## 4954	chr19 40255175	+	C	231	chr19:40255157-40255269
## 4955	chr19 40255175	-	C	19	chr19:40255157-40255269
## 4956	chr19 40255176	+	A	230	chr19:40255157-40255269
## 4957	chr19 40255176	-	A	19	chr19:40255157-40255269
## 4958	chr19 40255177	+	C	232	chr19:40255157-40255269
## 4959	chr19 40255177	-	C	19	chr19:40255157-40255269

## 4960	chr19 40255178	+	G	232	chr19:40255157-40255269
## 4961	chr19 40255178	-	G	19	chr19:40255157-40255269
## 4962	chr19 40255179	+	T	232	chr19:40255157-40255269
## 4963	chr19 40255179	-	T	19	chr19:40255157-40255269
## 4964	chr19 40255180	+	G	232	chr19:40255157-40255269
## 4965	chr19 40255180	-	G	19	chr19:40255157-40255269
## 4966	chr19 40255181	+	G	232	chr19:40255157-40255269
## 4967	chr19 40255181	-	G	19	chr19:40255157-40255269
## 4968	chr19 40255182	+	A	232	chr19:40255157-40255269
## 4969	chr19 40255182	-	A	19	chr19:40255157-40255269
## 4970	chr19 40255183	+	A	232	chr19:40255157-40255269
## 4971	chr19 40255183	-	A	19	chr19:40255157-40255269
## 4972	chr19 40255184	+	G	232	chr19:40255157-40255269
## 4973	chr19 40255184	-	G	19	chr19:40255157-40255269
## 4974	chr19 40255185	+	G	232	chr19:40255157-40255269
## 4975	chr19 40255185	-	G	19	chr19:40255157-40255269
## 4976	chr19 40255186	+	T	232	chr19:40255157-40255269
## 4977	chr19 40255186	-	T	19	chr19:40255157-40255269
## 4978	chr19 40255187	+	C	232	chr19:40255157-40255269
## 4979	chr19 40255187	-	C	19	chr19:40255157-40255269
## 4980	chr19 40255188	+	C	232	chr19:40255157-40255269
## 4981	chr19 40255188	-	C	19	chr19:40255157-40255269
## 4982	chr19 40255189	+	T	232	chr19:40255157-40255269
## 4983	chr19 40255189	-	T	19	chr19:40255157-40255269
## 4984	chr19 40255190	+	C	232	chr19:40255157-40255269
## 4985	chr19 40255190	-	C	19	chr19:40255157-40255269
## 4986	chr19 40255191	+	T	232	chr19:40255157-40255269
## 4987	chr19 40255191	-	T	19	chr19:40255157-40255269
## 4988	chr19 40255192	+	C	232	chr19:40255157-40255269
## 4989	chr19 40255192	-	C	19	chr19:40255157-40255269
## 4990	chr19 40255193	+	G	232	chr19:40255157-40255269
## 4991	chr19 40255193	-	G	19	chr19:40255157-40255269
## 4992	chr19 40255194	+	A	232	chr19:40255157-40255269
## 4993	chr19 40255194	-	A	19	chr19:40255157-40255269
## 4994	chr19 40255195	+	T	232	chr19:40255157-40255269
## 4995	chr19 40255195	-	T	19	chr19:40255157-40255269
## 4996	chr19 40255196	+	G	232	chr19:40255157-40255269
## 4997	chr19 40255196	-	G	19	chr19:40255157-40255269
## 4998	chr19 40255197	+	A	232	chr19:40255157-40255269
## 4999	chr19 40255197	-	A	19	chr19:40255157-40255269
## 5000	chr19 40255198	+	C	232	chr19:40255157-40255269
## 5001	chr19 40255198	-	C	19	chr19:40255157-40255269
## 5002	chr19 40255199	+	T	232	chr19:40255157-40255269
## 5003	chr19 40255199	-	T	19	chr19:40255157-40255269
## 5004	chr19 40255200	+	G	232	chr19:40255157-40255269
## 5005	chr19 40255200	-	G	19	chr19:40255157-40255269
## 5006	chr19 40255201	+	T	232	chr19:40255157-40255269
## 5007	chr19 40255201	-	T	19	chr19:40255157-40255269
## 5008	chr19 40255202	+	G	232	chr19:40255157-40255269
## 5009	chr19 40255202	-	G	19	chr19:40255157-40255269
## 5010	chr19 40255203	+	G	232	chr19:40255157-40255269
## 5011	chr19 40255203	-	G	19	chr19:40255157-40255269
## 5012	chr19 40255204	+	T	232	chr19:40255157-40255269
## 5013	chr19 40255204	-	T	19	chr19:40255157-40255269

## 5014	chr19 40255205	+	C	232	chr19:40255157-40255269
## 5015	chr19 40255205	-	C	19	chr19:40255157-40255269
## 5016	chr19 40255206	+	C	232	chr19:40255157-40255269
## 5017	chr19 40255206	-	C	19	chr19:40255157-40255269
## 5018	chr19 40255207	+	A	232	chr19:40255157-40255269
## 5019	chr19 40255207	-	A	19	chr19:40255157-40255269
## 5020	chr19 40255208	+	A	1	chr19:40255157-40255269
## 5021	chr19 40255208	+	C	231	chr19:40255157-40255269
## 5022	chr19 40255208	-	C	19	chr19:40255157-40255269
## 5023	chr19 40255209	+	T	232	chr19:40255157-40255269
## 5024	chr19 40255209	-	T	19	chr19:40255157-40255269
## 5025	chr19 40255210	+	G	232	chr19:40255157-40255269
## 5026	chr19 40255210	-	G	19	chr19:40255157-40255269
## 5027	chr19 40255211	+	C	232	chr19:40255157-40255269
## 5028	chr19 40255211	-	C	19	chr19:40255157-40255269
## 5029	chr19 40255212	+	A	232	chr19:40255157-40255269
## 5030	chr19 40255212	-	A	19	chr19:40255157-40255269
## 5031	chr19 40255213	+	G	232	chr19:40255157-40255269
## 5032	chr19 40255213	-	G	19	chr19:40255157-40255269
## 5033	chr19 40255214	+	G	232	chr19:40255157-40255269
## 5034	chr19 40255214	-	G	19	chr19:40255157-40255269
## 5035	chr19 40255215	+	C	232	chr19:40255157-40255269
## 5036	chr19 40255215	-	C	19	chr19:40255157-40255269
## 5037	chr19 40255216	+	A	232	chr19:40255157-40255269
## 5038	chr19 40255216	-	A	19	chr19:40255157-40255269
## 5039	chr19 40255217	+	G	232	chr19:40255157-40255269
## 5040	chr19 40255217	-	G	19	chr19:40255157-40255269
## 5041	chr19 40255218	+	C	231	chr19:40255157-40255269
## 5042	chr19 40255218	-	C	19	chr19:40255157-40255269
## 5043	chr19 40255218	+	T	1	chr19:40255157-40255269
## 5044	chr19 40255219	+	G	231	chr19:40255157-40255269
## 5045	chr19 40255219	-	G	19	chr19:40255157-40255269
## 5046	chr19 40255220	+	T	231	chr19:40255157-40255269
## 5047	chr19 40255220	-	T	19	chr19:40255157-40255269
## 5048	chr19 40255221	+	A	231	chr19:40255157-40255269
## 5049	chr19 40255221	-	A	19	chr19:40255157-40255269
## 5050	chr19 40255222	+	T	231	chr19:40255157-40255269
## 5051	chr19 40255222	-	T	19	chr19:40255157-40255269
## 5052	chr19 40255223	+	G	230	chr19:40255157-40255269
## 5053	chr19 40255223	-	G	19	chr19:40255157-40255269
## 5054	chr19 40255224	+	A	230	chr19:40255157-40255269
## 5055	chr19 40255224	-	A	19	chr19:40255157-40255269
## 5056	chr19 40255224	+	C	1	chr19:40255157-40255269
## 5057	chr19 40255225	+	A	1	chr19:40255157-40255269
## 5058	chr19 40255225	+	C	230	chr19:40255157-40255269
## 5059	chr19 40255225	-	C	19	chr19:40255157-40255269
## 5060	chr19 40255226	+	A	231	chr19:40255157-40255269
## 5061	chr19 40255226	-	A	19	chr19:40255157-40255269
## 5062	chr19 40255227	+	A	231	chr19:40255157-40255269
## 5063	chr19 40255227	-	A	19	chr19:40255157-40255269
## 5064	chr19 40255228	+	A	231	chr19:40255157-40255269
## 5065	chr19 40255228	-	A	19	chr19:40255157-40255269
## 5066	chr19 40255229	+	G	231	chr19:40255157-40255269
## 5067	chr19 40255229	-	G	19	chr19:40255157-40255269

## 5068	chr19 40255230	+	G	231	chr19:40255157-40255269
## 5069	chr19 40255230	-	G	19	chr19:40255157-40255269
## 5070	chr19 40255231	+	T	231	chr19:40255157-40255269
## 5071	chr19 40255231	-	T	19	chr19:40255157-40255269
## 5072	chr19 40255232	+	G	231	chr19:40255157-40255269
## 5073	chr19 40255232	-	G	19	chr19:40255157-40255269
## 5074	chr19 40255233	+	T	231	chr19:40255157-40255269
## 5075	chr19 40255233	-	T	19	chr19:40255157-40255269
## 5076	chr19 40255234	+	T	231	chr19:40255157-40255269
## 5077	chr19 40255234	-	T	19	chr19:40255157-40255269
## 5078	chr19 40255235	+	G	231	chr19:40255157-40255269
## 5079	chr19 40255235	-	G	19	chr19:40255157-40255269
## 5080	chr19 40255236	+	G	230	chr19:40255157-40255269
## 5081	chr19 40255236	-	G	19	chr19:40255157-40255269
## 5082	chr19 40255237	+	G	214	chr19:40255157-40255269
## 5083	chr19 40255237	-	G	19	chr19:40255157-40255269
## 5084	chr19 40255238	+	T	205	chr19:40255157-40255269
## 5085	chr19 40255238	-	T	25	chr19:40255157-40255269
## 5086	chr19 40255239	+	C	185	chr19:40255157-40255269
## 5087	chr19 40255239	-	C	33	chr19:40255157-40255269
## 5088	chr19 40255240	+	A	7	chr19:40255157-40255269
## 5089	chr19 40255240	+	G	169	chr19:40255157-40255269
## 5090	chr19 40255240	-	G	51	chr19:40255157-40255269
## 5091	chr19 40255241	+	C	143	chr19:40255157-40255269
## 5092	chr19 40255241	-	C	68	chr19:40255157-40255269
## 5093	chr19 40255242	+	G	125	chr19:40255157-40255269
## 5094	chr19 40255242	-	G	77	chr19:40255157-40255269
## 5095	chr19 40255243	+	G	105	chr19:40255157-40255269
## 5096	chr19 40255243	-	G	94	chr19:40255157-40255269
## 5097	chr19 40255244	+	C	111	chr19:40255157-40255269
## 5098	chr19 40255244	-	C	111	chr19:40255157-40255269
## 5099	chr19 40255245	+	C	112	chr19:40255157-40255269
## 5100	chr19 40255245	-	C	121	chr19:40255157-40255269
## 5101	chr19 40255246	+	T	114	chr19:40255157-40255269
## 5102	chr19 40255246	-	T	131	chr19:40255157-40255269
## 5103	chr19 40255247	+	C	116	chr19:40255157-40255269
## 5104	chr19 40255247	-	C	134	chr19:40255157-40255269
## 5105	chr19 40255248	-	C	1	chr19:40255157-40255269
## 5106	chr19 40255248	+	T	115	chr19:40255157-40255269
## 5107	chr19 40255248	-	T	134	chr19:40255157-40255269
## 5108	chr19 40255249	+	A	1	chr19:40255157-40255269
## 5109	chr19 40255249	+	C	113	chr19:40255157-40255269
## 5110	chr19 40255249	-	C	136	chr19:40255157-40255269
## 5111	chr19 40255250	+	G	114	chr19:40255157-40255269
## 5112	chr19 40255250	-	G	136	chr19:40255157-40255269
## 5113	chr19 40255251	+	G	114	chr19:40255157-40255269
## 5114	chr19 40255251	-	G	136	chr19:40255157-40255269
## 5115	chr19 40255252	-	G	2	chr19:40255157-40255269
## 5116	chr19 40255252	+	T	113	chr19:40255157-40255269
## 5117	chr19 40255252	-	T	134	chr19:40255157-40255269
## 5118	chr19 40255253	+	C	114	chr19:40255157-40255269
## 5119	chr19 40255253	-	C	136	chr19:40255157-40255269
## 5120	chr19 40255254	+	T	114	chr19:40255157-40255269
## 5121	chr19 40255254	-	T	136	chr19:40255157-40255269

## 5122	chr19	40255255	+	T	114	chr19:40255157-40255269
## 5123	chr19	40255255	-	T	136	chr19:40255157-40255269
## 5124	chr19	40255256	+	C	113	chr19:40255157-40255269
## 5125	chr19	40255256	-	C	137	chr19:40255157-40255269
## 5126	chr19	40255257	+	A	112	chr19:40255157-40255269
## 5127	chr19	40255257	-	A	138	chr19:40255157-40255269
## 5128	chr19	40255258	+	T	112	chr19:40255157-40255269
## 5129	chr19	40255258	-	T	138	chr19:40255157-40255269
## 5130	chr19	40255259	-	-	8	chr19:40255157-40255269
## 5131	chr19	40255259	+	C	111	chr19:40255157-40255269
## 5132	chr19	40255259	-	C	131	chr19:40255157-40255269
## 5133	chr19	40255260	+	A	110	chr19:40255157-40255269
## 5134	chr19	40255260	-	A	140	chr19:40255157-40255269
## 5135	chr19	40255261	+	G	109	chr19:40255157-40255269
## 5136	chr19	40255261	-	G	141	chr19:40255157-40255269
## 5137	chr19	40255262	+	C	108	chr19:40255157-40255269
## 5138	chr19	40255262	-	C	142	chr19:40255157-40255269
## 5139	chr19	40255263	-	C	1	chr19:40255157-40255269
## 5140	chr19	40255263	+	T	108	chr19:40255157-40255269
## 5141	chr19	40255263	-	T	141	chr19:40255157-40255269
## 5142	chr19	40255264	+	G	108	chr19:40255157-40255269
## 5143	chr19	40255264	-	G	142	chr19:40255157-40255269
## 5144	chr19	40255265	+	G	108	chr19:40255157-40255269
## 5145	chr19	40255265	-	G	142	chr19:40255157-40255269
## 5146	chr19	40255266	+	C	108	chr19:40255157-40255269
## 5147	chr19	40255266	-	C	142	chr19:40255157-40255269
## 5148	chr19	40255267	+	A	107	chr19:40255157-40255269
## 5149	chr19	40255267	-	A	143	chr19:40255157-40255269
## 5150	chr19	40255268	+	T	106	chr19:40255157-40255269
## 5151	chr19	40255268	-	T	144	chr19:40255157-40255269
## 5152	chr19	40255269	+	T	105	chr19:40255157-40255269
## 5153	chr19	40255269	-	T	145	chr19:40255157-40255269
## 5154	chr19	40256925	+	C	254	chr19:40256925-40257054
## 5155	chr19	40256925	-	C	59	chr19:40256925-40257054
## 5156	chr19	40256926	+	C	236	chr19:40256925-40257054
## 5157	chr19	40256926	-	C	58	chr19:40256925-40257054
## 5158	chr19	40256927	+	T	203	chr19:40256925-40257054
## 5159	chr19	40256927	-	T	57	chr19:40256925-40257054
## 5160	chr19	40256928	+	G	196	chr19:40256925-40257054
## 5161	chr19	40256928	-	G	53	chr19:40256925-40257054
## 5162	chr19	40256929	+	C	185	chr19:40256925-40257054
## 5163	chr19	40256929	-	C	51	chr19:40256925-40257054
## 5164	chr19	40256930	+	T	190	chr19:40256925-40257054
## 5165	chr19	40256930	-	T	55	chr19:40256925-40257054
## 5166	chr19	40256931	+	A	192	chr19:40256925-40257054
## 5167	chr19	40256931	-	A	52	chr19:40256925-40257054
## 5168	chr19	40256932	-	A	1	chr19:40256925-40257054
## 5169	chr19	40256932	+	C	196	chr19:40256925-40257054
## 5170	chr19	40256932	-	C	35	chr19:40256925-40257054
## 5171	chr19	40256933	+	G	193	chr19:40256925-40257054
## 5172	chr19	40256933	-	G	45	chr19:40256925-40257054
## 5173	chr19	40256934	+	G	183	chr19:40256925-40257054
## 5174	chr19	40256934	-	G	36	chr19:40256925-40257054
## 5175	chr19	40256935	+	A	159	chr19:40256925-40257054

## 5176	chr19 40256935	-	A	42	chr19:40256925-40257054
## 5177	chr19 40256935	+	G	1	chr19:40256925-40257054
## 5178	chr19 40256936	+	G	165	chr19:40256925-40257054
## 5179	chr19 40256936	-	G	68	chr19:40256925-40257054
## 5180	chr19 40256937	+	A	175	chr19:40256925-40257054
## 5181	chr19 40256937	-	A	61	chr19:40256925-40257054
## 5182	chr19 40256938	+	A	159	chr19:40256925-40257054
## 5183	chr19 40256938	-	A	62	chr19:40256925-40257054
## 5184	chr19 40256938	-	T	1	chr19:40256925-40257054
## 5185	chr19 40256939	+	G	171	chr19:40256925-40257054
## 5186	chr19 40256939	-	G	72	chr19:40256925-40257054
## 5187	chr19 40256940	+	T	175	chr19:40256925-40257054
## 5188	chr19 40256940	-	T	75	chr19:40256925-40257054
## 5189	chr19 40256941	+	T	175	chr19:40256925-40257054
## 5190	chr19 40256941	-	T	75	chr19:40256925-40257054
## 5191	chr19 40256942	+	G	175	chr19:40256925-40257054
## 5192	chr19 40256942	-	G	75	chr19:40256925-40257054
## 5193	chr19 40256943	+	T	174	chr19:40256925-40257054
## 5194	chr19 40256943	-	T	75	chr19:40256925-40257054
## 5195	chr19 40256944	+	T	176	chr19:40256925-40257054
## 5196	chr19 40256944	-	T	75	chr19:40256925-40257054
## 5197	chr19 40256945	+	T	176	chr19:40256925-40257054
## 5198	chr19 40256945	-	T	75	chr19:40256925-40257054
## 5199	chr19 40256946	+	A	176	chr19:40256925-40257054
## 5200	chr19 40256946	-	A	75	chr19:40256925-40257054
## 5201	chr19 40256947	+	A	176	chr19:40256925-40257054
## 5202	chr19 40256947	-	A	75	chr19:40256925-40257054
## 5203	chr19 40256948	+	G	176	chr19:40256925-40257054
## 5204	chr19 40256948	-	G	75	chr19:40256925-40257054
## 5205	chr19 40256949	+	G	176	chr19:40256925-40257054
## 5206	chr19 40256949	-	G	75	chr19:40256925-40257054
## 5207	chr19 40256950	+	G	175	chr19:40256925-40257054
## 5208	chr19 40256950	-	G	75	chr19:40256925-40257054
## 5209	chr19 40256950	+	T	1	chr19:40256925-40257054
## 5210	chr19 40256951	+	G	176	chr19:40256925-40257054
## 5211	chr19 40256951	-	G	75	chr19:40256925-40257054
## 5212	chr19 40256952	+	G	176	chr19:40256925-40257054
## 5213	chr19 40256952	-	G	75	chr19:40256925-40257054
## 5214	chr19 40256953	+	G	175	chr19:40256925-40257054
## 5215	chr19 40256953	-	G	75	chr19:40256925-40257054
## 5216	chr19 40256954	+	T	175	chr19:40256925-40257054
## 5217	chr19 40256954	-	T	75	chr19:40256925-40257054
## 5218	chr19 40256955	+	A	175	chr19:40256925-40257054
## 5219	chr19 40256955	-	A	75	chr19:40256925-40257054
## 5220	chr19 40256956	+	G	175	chr19:40256925-40257054
## 5221	chr19 40256956	-	G	75	chr19:40256925-40257054
## 5222	chr19 40256957	+	A	175	chr19:40256925-40257054
## 5223	chr19 40256957	-	A	75	chr19:40256925-40257054
## 5224	chr19 40256958	+	G	174	chr19:40256925-40257054
## 5225	chr19 40256958	-	G	75	chr19:40256925-40257054
## 5226	chr19 40256958	+	T	1	chr19:40256925-40257054
## 5227	chr19 40256959	-	G	1	chr19:40256925-40257054
## 5228	chr19 40256959	+	T	175	chr19:40256925-40257054
## 5229	chr19 40256959	-	T	74	chr19:40256925-40257054

## 5230	chr19 40256960	+	C	175	chr19:40256925-40257054
## 5231	chr19 40256960	-	C	75	chr19:40256925-40257054
## 5232	chr19 40256961	+	T	175	chr19:40256925-40257054
## 5233	chr19 40256961	-	T	75	chr19:40256925-40257054
## 5234	chr19 40256962	+	G	174	chr19:40256925-40257054
## 5235	chr19 40256962	-	G	76	chr19:40256925-40257054
## 5236	chr19 40256963	+	A	174	chr19:40256925-40257054
## 5237	chr19 40256963	-	A	76	chr19:40256925-40257054
## 5238	chr19 40256964	-	G	1	chr19:40256925-40257054
## 5239	chr19 40256964	+	T	174	chr19:40256925-40257054
## 5240	chr19 40256964	-	T	75	chr19:40256925-40257054
## 5241	chr19 40256965	+	C	174	chr19:40256925-40257054
## 5242	chr19 40256965	-	C	76	chr19:40256925-40257054
## 5243	chr19 40256966	+	A	174	chr19:40256925-40257054
## 5244	chr19 40256966	-	A	76	chr19:40256925-40257054
## 5245	chr19 40256967	+	G	174	chr19:40256925-40257054
## 5246	chr19 40256967	-	G	76	chr19:40256925-40257054
## 5247	chr19 40256968	+	C	1	chr19:40256925-40257054
## 5248	chr19 40256968	+	G	173	chr19:40256925-40257054
## 5249	chr19 40256968	-	G	76	chr19:40256925-40257054
## 5250	chr19 40256969	+	G	173	chr19:40256925-40257054
## 5251	chr19 40256969	-	G	77	chr19:40256925-40257054
## 5252	chr19 40256970	+	G	173	chr19:40256925-40257054
## 5253	chr19 40256970	-	G	77	chr19:40256925-40257054
## 5254	chr19 40256971	+	C	173	chr19:40256925-40257054
## 5255	chr19 40256971	-	C	76	chr19:40256925-40257054
## 5256	chr19 40256971	-	G	1	chr19:40256925-40257054
## 5257	chr19 40256972	+	C	173	chr19:40256925-40257054
## 5258	chr19 40256972	-	C	77	chr19:40256925-40257054
## 5259	chr19 40256973	+	T	174	chr19:40256925-40257054
## 5260	chr19 40256973	-	T	77	chr19:40256925-40257054
## 5261	chr19 40256974	+	C	174	chr19:40256925-40257054
## 5262	chr19 40256974	-	C	77	chr19:40256925-40257054
## 5263	chr19 40256975	+	G	171	chr19:40256925-40257054
## 5264	chr19 40256975	-	G	77	chr19:40256925-40257054
## 5265	chr19 40256976	+	G	173	chr19:40256925-40257054
## 5266	chr19 40256976	-	G	77	chr19:40256925-40257054
## 5267	chr19 40256977	+	G	174	chr19:40256925-40257054
## 5268	chr19 40256977	-	G	77	chr19:40256925-40257054
## 5269	chr19 40256978	+	C	174	chr19:40256925-40257054
## 5270	chr19 40256978	-	C	77	chr19:40256925-40257054
## 5271	chr19 40256979	+	C	173	chr19:40256925-40257054
## 5272	chr19 40256979	-	C	78	chr19:40256925-40257054
## 5273	chr19 40256980	-	G	2	chr19:40256925-40257054
## 5274	chr19 40256980	+	T	173	chr19:40256925-40257054
## 5275	chr19 40256980	-	T	76	chr19:40256925-40257054
## 5276	chr19 40256981	+	C	173	chr19:40256925-40257054
## 5277	chr19 40256981	-	C	78	chr19:40256925-40257054
## 5278	chr19 40256982	+	A	1	chr19:40256925-40257054
## 5279	chr19 40256982	+	T	172	chr19:40256925-40257054
## 5280	chr19 40256982	-	T	78	chr19:40256925-40257054
## 5281	chr19 40256983	+	C	173	chr19:40256925-40257054
## 5282	chr19 40256983	-	C	78	chr19:40256925-40257054
## 5283	chr19 40256984	+	C	173	chr19:40256925-40257054

## 5284	chr19 40256984	-	C	77	chr19:40256925-40257054
## 5285	chr19 40256985	+	T	172	chr19:40256925-40257054
## 5286	chr19 40256985	-	T	77	chr19:40256925-40257054
## 5287	chr19 40256986	+	T	174	chr19:40256925-40257054
## 5288	chr19 40256986	-	T	77	chr19:40256925-40257054
## 5289	chr19 40256987	+	G	174	chr19:40256925-40257054
## 5290	chr19 40256987	-	G	77	chr19:40256925-40257054
## 5291	chr19 40256988	+	T	174	chr19:40256925-40257054
## 5292	chr19 40256988	-	T	77	chr19:40256925-40257054
## 5293	chr19 40256989	+	A	174	chr19:40256925-40257054
## 5294	chr19 40256989	-	A	77	chr19:40256925-40257054
## 5295	chr19 40256990	+	C	174	chr19:40256925-40257054
## 5296	chr19 40256990	-	C	76	chr19:40256925-40257054
## 5297	chr19 40256991	+	C	174	chr19:40256925-40257054
## 5298	chr19 40256991	-	C	74	chr19:40256925-40257054
## 5299	chr19 40256992	+	C	176	chr19:40256925-40257054
## 5300	chr19 40256992	-	C	74	chr19:40256925-40257054
## 5301	chr19 40256993	+	A	176	chr19:40256925-40257054
## 5302	chr19 40256993	-	A	74	chr19:40256925-40257054
## 5303	chr19 40256994	+	A	175	chr19:40256925-40257054
## 5304	chr19 40256994	-	A	74	chr19:40256925-40257054
## 5305	chr19 40256995	+	T	176	chr19:40256925-40257054
## 5306	chr19 40256995	-	T	74	chr19:40256925-40257054
## 5307	chr19 40256996	+	G	175	chr19:40256925-40257054
## 5308	chr19 40256996	-	G	74	chr19:40256925-40257054
## 5309	chr19 40256997	+	A	176	chr19:40256925-40257054
## 5310	chr19 40256997	-	A	74	chr19:40256925-40257054
## 5311	chr19 40256998	+	A	175	chr19:40256925-40257054
## 5312	chr19 40256998	-	A	74	chr19:40256925-40257054
## 5313	chr19 40256999	+	G	176	chr19:40256925-40257054
## 5314	chr19 40256999	-	G	74	chr19:40256925-40257054
## 5315	chr19 40257000	+	G	176	chr19:40256925-40257054
## 5316	chr19 40257000	-	G	74	chr19:40256925-40257054
## 5317	chr19 40257001	+	A	176	chr19:40256925-40257054
## 5318	chr19 40257001	-	A	74	chr19:40256925-40257054
## 5319	chr19 40257002	+	G	176	chr19:40256925-40257054
## 5320	chr19 40257002	-	G	73	chr19:40256925-40257054
## 5321	chr19 40257002	-	T	1	chr19:40256925-40257054
## 5322	chr19 40257003	+	A	1	chr19:40256925-40257054
## 5323	chr19 40257003	+	C	176	chr19:40256925-40257054
## 5324	chr19 40257003	-	C	74	chr19:40256925-40257054
## 5325	chr19 40257004	+	C	176	chr19:40256925-40257054
## 5326	chr19 40257004	-	C	73	chr19:40256925-40257054
## 5327	chr19 40257005	+	A	1	chr19:40256925-40257054
## 5328	chr19 40257005	+	G	169	chr19:40256925-40257054
## 5329	chr19 40257005	-	G	67	chr19:40256925-40257054
## 5330	chr19 40257006	+	T	170	chr19:40256925-40257054
## 5331	chr19 40257006	-	T	69	chr19:40256925-40257054
## 5332	chr19 40257007	+	C	164	chr19:40256925-40257054
## 5333	chr19 40257007	-	C	75	chr19:40256925-40257054
## 5334	chr19 40257008	+	G	168	chr19:40256925-40257054
## 5335	chr19 40257008	-	G	66	chr19:40256925-40257054
## 5336	chr19 40257009	+	C	156	chr19:40256925-40257054
## 5337	chr19 40257009	-	C	80	chr19:40256925-40257054

## 5338	chr19 40257010	+	T	158	chr19:40256925-40257054
## 5339	chr19 40257010	-	T	80	chr19:40256925-40257054
## 5340	chr19 40257011	+	C	145	chr19:40256925-40257054
## 5341	chr19 40257011	-	C	60	chr19:40256925-40257054
## 5342	chr19 40257012	-	A	1	chr19:40256925-40257054
## 5343	chr19 40257012	+	T	131	chr19:40256925-40257054
## 5344	chr19 40257012	-	T	69	chr19:40256925-40257054
## 5345	chr19 40257013	+	T	118	chr19:40256925-40257054
## 5346	chr19 40257013	-	T	80	chr19:40256925-40257054
## 5347	chr19 40257014	+	C	108	chr19:40256925-40257054
## 5348	chr19 40257014	-	C	86	chr19:40256925-40257054
## 5349	chr19 40257015	+	A	112	chr19:40256925-40257054
## 5350	chr19 40257015	-	A	94	chr19:40256925-40257054
## 5351	chr19 40257015	-	T	1	chr19:40256925-40257054
## 5352	chr19 40257016	+	G	113	chr19:40256925-40257054
## 5353	chr19 40257016	-	G	103	chr19:40256925-40257054
## 5354	chr19 40257017	+	C	112	chr19:40256925-40257054
## 5355	chr19 40257017	-	C	115	chr19:40256925-40257054
## 5356	chr19 40257018	+	A	114	chr19:40256925-40257054
## 5357	chr19 40257018	-	A	128	chr19:40256925-40257054
## 5358	chr19 40257019	+	G	120	chr19:40256925-40257054
## 5359	chr19 40257019	-	G	129	chr19:40256925-40257054
## 5360	chr19 40257020	+	G	121	chr19:40256925-40257054
## 5361	chr19 40257020	-	G	129	chr19:40256925-40257054
## 5362	chr19 40257021	+	A	121	chr19:40256925-40257054
## 5363	chr19 40257021	-	A	129	chr19:40256925-40257054
## 5364	chr19 40257022	+	A	121	chr19:40256925-40257054
## 5365	chr19 40257022	-	A	129	chr19:40256925-40257054
## 5366	chr19 40257023	+	G	121	chr19:40256925-40257054
## 5367	chr19 40257023	-	G	129	chr19:40256925-40257054
## 5368	chr19 40257024	+	T	121	chr19:40256925-40257054
## 5369	chr19 40257024	-	T	129	chr19:40256925-40257054
## 5370	chr19 40257025	+	A	121	chr19:40256925-40257054
## 5371	chr19 40257025	-	A	129	chr19:40256925-40257054
## 5372	chr19 40257026	+	C	121	chr19:40256925-40257054
## 5373	chr19 40257026	-	C	129	chr19:40256925-40257054
## 5374	chr19 40257027	+	C	121	chr19:40256925-40257054
## 5375	chr19 40257027	-	C	129	chr19:40256925-40257054
## 5376	chr19 40257028	+	G	121	chr19:40256925-40257054
## 5377	chr19 40257028	-	G	129	chr19:40256925-40257054
## 5378	chr19 40257029	+	T	121	chr19:40256925-40257054
## 5379	chr19 40257029	-	T	129	chr19:40256925-40257054
## 5380	chr19 40257030	-	A	1	chr19:40256925-40257054
## 5381	chr19 40257030	+	G	121	chr19:40256925-40257054
## 5382	chr19 40257030	-	G	128	chr19:40256925-40257054
## 5383	chr19 40257031	+	G	121	chr19:40256925-40257054
## 5384	chr19 40257031	-	G	129	chr19:40256925-40257054
## 5385	chr19 40257032	+	C	121	chr19:40256925-40257054
## 5386	chr19 40257032	-	C	129	chr19:40256925-40257054
## 5387	chr19 40257033	+	C	121	chr19:40256925-40257054
## 5388	chr19 40257033	-	C	129	chr19:40256925-40257054
## 5389	chr19 40257034	+	T	121	chr19:40256925-40257054
## 5390	chr19 40257034	-	T	129	chr19:40256925-40257054
## 5391	chr19 40257035	+	C	120	chr19:40256925-40257054

## 5392	chr19 40257035	-	C	130	chr19:40256925-40257054
## 5393	chr19 40257036	+	C	120	chr19:40256925-40257054
## 5394	chr19 40257036	-	C	130	chr19:40256925-40257054
## 5395	chr19 40257037	+	A	120	chr19:40256925-40257054
## 5396	chr19 40257037	-	A	129	chr19:40256925-40257054
## 5397	chr19 40257037	+	T	1	chr19:40256925-40257054
## 5398	chr19 40257038	+	G	120	chr19:40256925-40257054
## 5399	chr19 40257038	-	G	129	chr19:40256925-40257054
## 5400	chr19 40257039	+	G	121	chr19:40256925-40257054
## 5401	chr19 40257039	-	G	129	chr19:40256925-40257054
## 5402	chr19 40257040	-	G	1	chr19:40256925-40257054
## 5403	chr19 40257040	+	T	121	chr19:40256925-40257054
## 5404	chr19 40257040	-	T	128	chr19:40256925-40257054
## 5405	chr19 40257041	+	C	121	chr19:40256925-40257054
## 5406	chr19 40257041	-	C	129	chr19:40256925-40257054
## 5407	chr19 40257042	+	T	121	chr19:40256925-40257054
## 5408	chr19 40257042	-	T	129	chr19:40256925-40257054
## 5409	chr19 40257043	+	T	121	chr19:40256925-40257054
## 5410	chr19 40257043	-	T	129	chr19:40256925-40257054
## 5411	chr19 40257044	+	G	122	chr19:40256925-40257054
## 5412	chr19 40257044	-	G	128	chr19:40256925-40257054
## 5413	chr19 40257045	+	A	121	chr19:40256925-40257054
## 5414	chr19 40257045	-	A	128	chr19:40256925-40257054
## 5415	chr19 40257046	+	T	122	chr19:40256925-40257054
## 5416	chr19 40257046	-	T	128	chr19:40256925-40257054
## 5417	chr19 40257047	+	G	122	chr19:40256925-40257054
## 5418	chr19 40257047	-	G	128	chr19:40256925-40257054
## 5419	chr19 40257048	+	T	122	chr19:40256925-40257054
## 5420	chr19 40257048	-	T	128	chr19:40256925-40257054
## 5421	chr19 40257049	+	A	122	chr19:40256925-40257054
## 5422	chr19 40257049	-	A	127	chr19:40256925-40257054
## 5423	chr19 40257049	-	T	1	chr19:40256925-40257054
## 5424	chr19 40257050	+	T	122	chr19:40256925-40257054
## 5425	chr19 40257050	-	T	128	chr19:40256925-40257054
## 5426	chr19 40257051	+	T	119	chr19:40256925-40257054
## 5427	chr19 40257051	-	T	129	chr19:40256925-40257054
## 5428	chr19 40257052	+	C	120	chr19:40256925-40257054
## 5429	chr19 40257052	-	C	130	chr19:40256925-40257054
## 5430	chr19 40257053	+	A	120	chr19:40256925-40257054
## 5431	chr19 40257053	-	A	130	chr19:40256925-40257054
## 5432	chr19 40257054	+	C	121	chr19:40256925-40257054
## 5433	chr19 40257054	-	C	129	chr19:40256925-40257054
## 5434	chr19 40265221	+	C	275	chr19:40265221-40265351
## 5435	chr19 40265221	-	C	28	chr19:40265221-40265351
## 5436	chr19 40265221	+	T	1	chr19:40265221-40265351
## 5437	chr19 40265222	+	C	271	chr19:40265221-40265351
## 5438	chr19 40265222	-	C	28	chr19:40265221-40265351
## 5439	chr19 40265223	+	A	259	chr19:40265221-40265351
## 5440	chr19 40265223	-	A	28	chr19:40265221-40265351
## 5441	chr19 40265223	+	C	1	chr19:40265221-40265351
## 5442	chr19 40265224	+	C	229	chr19:40265221-40265351
## 5443	chr19 40265224	-	C	26	chr19:40265221-40265351
## 5444	chr19 40265224	+	T	5	chr19:40265221-40265351
## 5445	chr19 40265225	+	G	230	chr19:40265221-40265351

## 5446	chr19 40265225	-	G	24	chr19:40265221-40265351
## 5447	chr19 40265226	+	C	222	chr19:40265221-40265351
## 5448	chr19 40265226	-	C	21	chr19:40265221-40265351
## 5449	chr19 40265227	+	T	215	chr19:40265221-40265351
## 5450	chr19 40265227	-	T	18	chr19:40265221-40265351
## 5451	chr19 40265228	+	T	224	chr19:40265221-40265351
## 5452	chr19 40265228	-	T	20	chr19:40265221-40265351
## 5453	chr19 40265229	+	G	227	chr19:40265221-40265351
## 5454	chr19 40265229	-	G	22	chr19:40265221-40265351
## 5455	chr19 40265230	+	T	220	chr19:40265221-40265351
## 5456	chr19 40265230	-	T	21	chr19:40265221-40265351
## 5457	chr19 40265231	+	G	212	chr19:40265221-40265351
## 5458	chr19 40265231	-	G	22	chr19:40265221-40265351
## 5459	chr19 40265232	+	G	213	chr19:40265221-40265351
## 5460	chr19 40265232	-	G	33	chr19:40265221-40265351
## 5461	chr19 40265233	+	A	208	chr19:40265221-40265351
## 5462	chr19 40265233	-	A	32	chr19:40265221-40265351
## 5463	chr19 40265233	+	G	1	chr19:40265221-40265351
## 5464	chr19 40265234	+	G	206	chr19:40265221-40265351
## 5465	chr19 40265234	-	G	36	chr19:40265221-40265351
## 5466	chr19 40265235	+	C	193	chr19:40265221-40265351
## 5467	chr19 40265235	-	C	41	chr19:40265221-40265351
## 5468	chr19 40265235	+	T	5	chr19:40265221-40265351
## 5469	chr19 40265236	+	C	188	chr19:40265221-40265351
## 5470	chr19 40265236	-	C	41	chr19:40265221-40265351
## 5471	chr19 40265237	+	A	189	chr19:40265221-40265351
## 5472	chr19 40265237	-	A	49	chr19:40265221-40265351
## 5473	chr19 40265238	+	G	188	chr19:40265221-40265351
## 5474	chr19 40265238	-	G	55	chr19:40265221-40265351
## 5475	chr19 40265239	+	C	177	chr19:40265221-40265351
## 5476	chr19 40265239	-	C	54	chr19:40265221-40265351
## 5477	chr19 40265240	+	C	178	chr19:40265221-40265351
## 5478	chr19 40265240	-	C	56	chr19:40265221-40265351
## 5479	chr19 40265241	+	G	1	chr19:40265221-40265351
## 5480	chr19 40265241	+	T	175	chr19:40265221-40265351
## 5481	chr19 40265241	-	T	61	chr19:40265221-40265351
## 5482	chr19 40265242	+	T	181	chr19:40265221-40265351
## 5483	chr19 40265242	-	T	67	chr19:40265221-40265351
## 5484	chr19 40265243	+	C	176	chr19:40265221-40265351
## 5485	chr19 40265243	-	C	67	chr19:40265221-40265351
## 5486	chr19 40265244	+	T	179	chr19:40265221-40265351
## 5487	chr19 40265244	-	T	71	chr19:40265221-40265351
## 5488	chr19 40265245	+	T	179	chr19:40265221-40265351
## 5489	chr19 40265245	-	T	71	chr19:40265221-40265351
## 5490	chr19 40265246	+	T	179	chr19:40265221-40265351
## 5491	chr19 40265246	-	T	71	chr19:40265221-40265351
## 5492	chr19 40265247	+	G	179	chr19:40265221-40265351
## 5493	chr19 40265247	-	G	71	chr19:40265221-40265351
## 5494	chr19 40265248	+	A	178	chr19:40265221-40265351
## 5495	chr19 40265248	-	A	70	chr19:40265221-40265351
## 5496	chr19 40265248	-	G	1	chr19:40265221-40265351
## 5497	chr19 40265249	+	T	180	chr19:40265221-40265351
## 5498	chr19 40265249	-	T	71	chr19:40265221-40265351
## 5499	chr19 40265250	+	G	180	chr19:40265221-40265351

## 5500	chr19 40265250	-	G	71	chr19:40265221-40265351
## 5501	chr19 40265251	+	A	178	chr19:40265221-40265351
## 5502	chr19 40265251	-	A	71	chr19:40265221-40265351
## 5503	chr19 40265251	+	C	1	chr19:40265221-40265351
## 5504	chr19 40265251	+	T	1	chr19:40265221-40265351
## 5505	chr19 40265252	+	C	180	chr19:40265221-40265351
## 5506	chr19 40265252	-	C	71	chr19:40265221-40265351
## 5507	chr19 40265253	+	A	180	chr19:40265221-40265351
## 5508	chr19 40265253	-	A	71	chr19:40265221-40265351
## 5509	chr19 40265254	+	G	180	chr19:40265221-40265351
## 5510	chr19 40265254	-	G	71	chr19:40265221-40265351
## 5511	chr19 40265255	+	A	180	chr19:40265221-40265351
## 5512	chr19 40265255	-	A	71	chr19:40265221-40265351
## 5513	chr19 40265256	+	C	180	chr19:40265221-40265351
## 5514	chr19 40265256	-	C	71	chr19:40265221-40265351
## 5515	chr19 40265257	+	A	181	chr19:40265221-40265351
## 5516	chr19 40265257	-	A	71	chr19:40265221-40265351
## 5517	chr19 40265258	+	C	181	chr19:40265221-40265351
## 5518	chr19 40265258	-	C	71	chr19:40265221-40265351
## 5519	chr19 40265259	+	C	180	chr19:40265221-40265351
## 5520	chr19 40265259	-	C	71	chr19:40265221-40265351
## 5521	chr19 40265259	+	T	1	chr19:40265221-40265351
## 5522	chr19 40265260	+	T	181	chr19:40265221-40265351
## 5523	chr19 40265260	-	T	71	chr19:40265221-40265351
## 5524	chr19 40265261	+	C	180	chr19:40265221-40265351
## 5525	chr19 40265261	-	C	72	chr19:40265221-40265351
## 5526	chr19 40265262	+	A	180	chr19:40265221-40265351
## 5527	chr19 40265262	-	A	72	chr19:40265221-40265351
## 5528	chr19 40265263	+	T	180	chr19:40265221-40265351
## 5529	chr19 40265263	-	T	72	chr19:40265221-40265351
## 5530	chr19 40265264	+	T	180	chr19:40265221-40265351
## 5531	chr19 40265264	-	T	72	chr19:40265221-40265351
## 5532	chr19 40265265	-	A	1	chr19:40265221-40265351
## 5533	chr19 40265265	+	C	180	chr19:40265221-40265351
## 5534	chr19 40265265	-	C	71	chr19:40265221-40265351
## 5535	chr19 40265266	+	A	180	chr19:40265221-40265351
## 5536	chr19 40265266	-	A	72	chr19:40265221-40265351
## 5537	chr19 40265267	+	T	180	chr19:40265221-40265351
## 5538	chr19 40265267	-	T	72	chr19:40265221-40265351
## 5539	chr19 40265268	+	G	180	chr19:40265221-40265351
## 5540	chr19 40265268	-	G	72	chr19:40265221-40265351
## 5541	chr19 40265269	+	G	180	chr19:40265221-40265351
## 5542	chr19 40265269	-	G	72	chr19:40265221-40265351
## 5543	chr19 40265270	+	T	180	chr19:40265221-40265351
## 5544	chr19 40265270	-	T	72	chr19:40265221-40265351
## 5545	chr19 40265271	+	G	180	chr19:40265221-40265351
## 5546	chr19 40265271	-	G	72	chr19:40265221-40265351
## 5547	chr19 40265272	+	G	179	chr19:40265221-40265351
## 5548	chr19 40265272	-	G	73	chr19:40265221-40265351
## 5549	chr19 40265273	+	C	179	chr19:40265221-40265351
## 5550	chr19 40265273	-	C	73	chr19:40265221-40265351
## 5551	chr19 40265274	+	A	179	chr19:40265221-40265351
## 5552	chr19 40265274	-	A	73	chr19:40265221-40265351
## 5553	chr19 40265275	+	G	178	chr19:40265221-40265351

## 5554	chr19 40265275	-	G	73	chr19:40265221-40265351
## 5555	chr19 40265276	+	C	179	chr19:40265221-40265351
## 5556	chr19 40265276	-	C	72	chr19:40265221-40265351
## 5557	chr19 40265276	-	T	1	chr19:40265221-40265351
## 5558	chr19 40265277	+	G	179	chr19:40265221-40265351
## 5559	chr19 40265277	-	G	73	chr19:40265221-40265351
## 5560	chr19 40265278	+	T	179	chr19:40265221-40265351
## 5561	chr19 40265278	-	T	73	chr19:40265221-40265351
## 5562	chr19 40265279	+	G	179	chr19:40265221-40265351
## 5563	chr19 40265279	-	G	73	chr19:40265221-40265351
## 5564	chr19 40265280	-	A	1	chr19:40265221-40265351
## 5565	chr19 40265280	+	G	179	chr19:40265221-40265351
## 5566	chr19 40265280	-	G	72	chr19:40265221-40265351
## 5567	chr19 40265281	+	T	179	chr19:40265221-40265351
## 5568	chr19 40265281	-	T	73	chr19:40265221-40265351
## 5569	chr19 40265282	+	A	179	chr19:40265221-40265351
## 5570	chr19 40265282	-	A	73	chr19:40265221-40265351
## 5571	chr19 40265283	+	C	179	chr19:40265221-40265351
## 5572	chr19 40265283	-	C	73	chr19:40265221-40265351
## 5573	chr19 40265284	+	G	179	chr19:40265221-40265351
## 5574	chr19 40265284	-	G	73	chr19:40265221-40265351
## 5575	chr19 40265285	+	C	179	chr19:40265221-40265351
## 5576	chr19 40265285	-	C	73	chr19:40265221-40265351
## 5577	chr19 40265286	+	T	179	chr19:40265221-40265351
## 5578	chr19 40265286	-	T	73	chr19:40265221-40265351
## 5579	chr19 40265287	+	G	179	chr19:40265221-40265351
## 5580	chr19 40265287	-	G	73	chr19:40265221-40265351
## 5581	chr19 40265288	+	T	179	chr19:40265221-40265351
## 5582	chr19 40265288	-	T	73	chr19:40265221-40265351
## 5583	chr19 40265289	+	C	179	chr19:40265221-40265351
## 5584	chr19 40265289	-	C	73	chr19:40265221-40265351
## 5585	chr19 40265290	+	A	179	chr19:40265221-40265351
## 5586	chr19 40265290	-	A	73	chr19:40265221-40265351
## 5587	chr19 40265291	+	C	179	chr19:40265221-40265351
## 5588	chr19 40265291	-	C	73	chr19:40265221-40265351
## 5589	chr19 40265292	+	C	178	chr19:40265221-40265351
## 5590	chr19 40265292	-	C	73	chr19:40265221-40265351
## 5591	chr19 40265293	+	T	178	chr19:40265221-40265351
## 5592	chr19 40265293	-	T	73	chr19:40265221-40265351
## 5593	chr19 40265294	+	A	178	chr19:40265221-40265351
## 5594	chr19 40265294	-	A	73	chr19:40265221-40265351
## 5595	chr19 40265295	+	G	177	chr19:40265221-40265351
## 5596	chr19 40265295	-	G	73	chr19:40265221-40265351
## 5597	chr19 40265296	+	C	177	chr19:40265221-40265351
## 5598	chr19 40265296	-	C	73	chr19:40265221-40265351
## 5599	chr19 40265297	+	C	1	chr19:40265221-40265351
## 5600	chr19 40265297	+	T	176	chr19:40265221-40265351
## 5601	chr19 40265297	-	T	73	chr19:40265221-40265351
## 5602	chr19 40265298	+	C	177	chr19:40265221-40265351
## 5603	chr19 40265298	-	C	73	chr19:40265221-40265351
## 5604	chr19 40265299	+	G	177	chr19:40265221-40265351
## 5605	chr19 40265299	-	G	73	chr19:40265221-40265351
## 5606	chr19 40265300	+	G	176	chr19:40265221-40265351
## 5607	chr19 40265300	-	G	73	chr19:40265221-40265351

## 5608	chr19 40265301	+	G	176	chr19:40265221-40265351
## 5609	chr19 40265301	-	G	74	chr19:40265221-40265351
## 5610	chr19 40265302	+	A	168	chr19:40265221-40265351
## 5611	chr19 40265302	-	A	74	chr19:40265221-40265351
## 5612	chr19 40265303	+	C	159	chr19:40265221-40265351
## 5613	chr19 40265303	-	C	75	chr19:40265221-40265351
## 5614	chr19 40265304	+	A	156	chr19:40265221-40265351
## 5615	chr19 40265304	-	A	85	chr19:40265221-40265351
## 5616	chr19 40265305	+	G	156	chr19:40265221-40265351
## 5617	chr19 40265305	-	G	93	chr19:40265221-40265351
## 5618	chr19 40265306	+	C	150	chr19:40265221-40265351
## 5619	chr19 40265306	-	C	91	chr19:40265221-40265351
## 5620	chr19 40265307	+	T	145	chr19:40265221-40265351
## 5621	chr19 40265307	-	T	89	chr19:40265221-40265351
## 5622	chr19 40265308	+	C	141	chr19:40265221-40265351
## 5623	chr19 40265308	-	C	100	chr19:40265221-40265351
## 5624	chr19 40265309	+	A	136	chr19:40265221-40265351
## 5625	chr19 40265309	-	A	105	chr19:40265221-40265351
## 5626	chr19 40265310	+	G	131	chr19:40265221-40265351
## 5627	chr19 40265310	-	G	102	chr19:40265221-40265351
## 5628	chr19 40265311	+	G	124	chr19:40265221-40265351
## 5629	chr19 40265311	-	G	107	chr19:40265221-40265351
## 5630	chr19 40265312	+	G	116	chr19:40265221-40265351
## 5631	chr19 40265312	-	G	100	chr19:40265221-40265351
## 5632	chr19 40265313	+	C	110	chr19:40265221-40265351
## 5633	chr19 40265313	-	C	101	chr19:40265221-40265351
## 5634	chr19 40265314	+	A	102	chr19:40265221-40265351
## 5635	chr19 40265314	-	A	113	chr19:40265221-40265351
## 5636	chr19 40265315	+	G	92	chr19:40265221-40265351
## 5637	chr19 40265315	-	G	113	chr19:40265221-40265351
## 5638	chr19 40265316	+	A	1	chr19:40265221-40265351
## 5639	chr19 40265316	+	C	80	chr19:40265221-40265351
## 5640	chr19 40265316	-	C	116	chr19:40265221-40265351
## 5641	chr19 40265317	+	A	74	chr19:40265221-40265351
## 5642	chr19 40265317	-	A	117	chr19:40265221-40265351
## 5643	chr19 40265318	+	G	71	chr19:40265221-40265351
## 5644	chr19 40265318	-	G	121	chr19:40265221-40265351
## 5645	chr19 40265319	+	G	67	chr19:40265221-40265351
## 5646	chr19 40265319	-	G	122	chr19:40265221-40265351
## 5647	chr19 40265320	+	A	66	chr19:40265221-40265351
## 5648	chr19 40265320	-	A	125	chr19:40265221-40265351
## 5649	chr19 40265321	+	C	65	chr19:40265221-40265351
## 5650	chr19 40265321	-	C	140	chr19:40265221-40265351
## 5651	chr19 40265322	+	A	64	chr19:40265221-40265351
## 5652	chr19 40265322	-	A	141	chr19:40265221-40265351
## 5653	chr19 40265323	+	T	63	chr19:40265221-40265351
## 5654	chr19 40265323	-	T	145	chr19:40265221-40265351
## 5655	chr19 40265324	+	G	61	chr19:40265221-40265351
## 5656	chr19 40265324	-	G	148	chr19:40265221-40265351
## 5657	chr19 40265325	+	C	60	chr19:40265221-40265351
## 5658	chr19 40265325	-	C	157	chr19:40265221-40265351
## 5659	chr19 40265326	+	A	59	chr19:40265221-40265351
## 5660	chr19 40265326	-	A	163	chr19:40265221-40265351
## 5661	chr19 40265327	+	G	58	chr19:40265221-40265351

## 5662	chr19 40265327	-	G	164	chr19:40265221-40265351
## 5663	chr19 40265328	+	G	58	chr19:40265221-40265351
## 5664	chr19 40265328	-	G	170	chr19:40265221-40265351
## 5665	chr19 40265329	+	A	57	chr19:40265221-40265351
## 5666	chr19 40265329	-	A	177	chr19:40265221-40265351
## 5667	chr19 40265330	+	G	57	chr19:40265221-40265351
## 5668	chr19 40265330	-	G	185	chr19:40265221-40265351
## 5669	chr19 40265331	+	G	56	chr19:40265221-40265351
## 5670	chr19 40265331	-	G	194	chr19:40265221-40265351
## 5671	chr19 40265332	+	C	56	chr19:40265221-40265351
## 5672	chr19 40265332	-	C	195	chr19:40265221-40265351
## 5673	chr19 40265333	+	A	55	chr19:40265221-40265351
## 5674	chr19 40265333	-	A	196	chr19:40265221-40265351
## 5675	chr19 40265334	+	C	54	chr19:40265221-40265351
## 5676	chr19 40265334	-	C	197	chr19:40265221-40265351
## 5677	chr19 40265335	+	C	53	chr19:40265221-40265351
## 5678	chr19 40265335	-	C	196	chr19:40265221-40265351
## 5679	chr19 40265336	+	G	53	chr19:40265221-40265351
## 5680	chr19 40265336	-	G	195	chr19:40265221-40265351
## 5681	chr19 40265337	-	C	1	chr19:40265221-40265351
## 5682	chr19 40265337	+	T	52	chr19:40265221-40265351
## 5683	chr19 40265337	-	T	195	chr19:40265221-40265351
## 5684	chr19 40265338	+	G	51	chr19:40265221-40265351
## 5685	chr19 40265338	-	G	199	chr19:40265221-40265351
## 5686	chr19 40265339	+	G	50	chr19:40265221-40265351
## 5687	chr19 40265339	-	G	200	chr19:40265221-40265351
## 5688	chr19 40265340	+	A	49	chr19:40265221-40265351
## 5689	chr19 40265340	-	A	201	chr19:40265221-40265351
## 5690	chr19 40265341	+	C	48	chr19:40265221-40265351
## 5691	chr19 40265341	-	C	201	chr19:40265221-40265351
## 5692	chr19 40265341	-	G	1	chr19:40265221-40265351
## 5693	chr19 40265342	+	A	47	chr19:40265221-40265351
## 5694	chr19 40265342	-	A	203	chr19:40265221-40265351
## 5695	chr19 40265343	+	G	46	chr19:40265221-40265351
## 5696	chr19 40265343	-	G	204	chr19:40265221-40265351
## 5697	chr19 40265344	+	G	45	chr19:40265221-40265351
## 5698	chr19 40265344	-	G	205	chr19:40265221-40265351
## 5699	chr19 40265345	+	G	44	chr19:40265221-40265351
## 5700	chr19 40265345	-	G	204	chr19:40265221-40265351
## 5701	chr19 40265345	-	T	2	chr19:40265221-40265351
## 5702	chr19 40265346	+	C	43	chr19:40265221-40265351
## 5703	chr19 40265346	-	C	207	chr19:40265221-40265351
## 5704	chr19 40265347	+	A	43	chr19:40265221-40265351
## 5705	chr19 40265347	-	A	206	chr19:40265221-40265351
## 5706	chr19 40265347	-	T	1	chr19:40265221-40265351
## 5707	chr19 40265348	+	C	40	chr19:40265221-40265351
## 5708	chr19 40265348	-	C	208	chr19:40265221-40265351
## 5709	chr19 40265348	+	T	2	chr19:40265221-40265351
## 5710	chr19 40265349	+	A	41	chr19:40265221-40265351
## 5711	chr19 40265349	-	A	209	chr19:40265221-40265351
## 5712	chr19 40265350	+	G	40	chr19:40265221-40265351
## 5713	chr19 40265350	-	G	210	chr19:40265221-40265351
## 5714	chr19 40265351	-	G	1	chr19:40265221-40265351
## 5715	chr19 40265351	+	T	39	chr19:40265221-40265351

5716 chr19 40265351 - T 210 chr19:40265221-40265351

##

\$AKT3

##	seqnames	pos	strand	nucleotide	count	which_label
## 1	chr1	243499718	+	A	223	chr1:243499718-243505334
## 2	chr1	243499718	-	A	35	chr1:243499718-243505334
## 3	chr1	243499719	+	T	220	chr1:243499718-243505334
## 4	chr1	243499719	-	T	36	chr1:243499718-243505334
## 5	chr1	243499720	+	G	214	chr1:243499718-243505334
## 6	chr1	243499720	-	G	35	chr1:243499718-243505334
## 7	chr1	243499721	+	A	213	chr1:243499718-243505334
## 8	chr1	243499721	-	A	35	chr1:243499718-243505334
## 9	chr1	243499722	+	G	215	chr1:243499718-243505334
## 10	chr1	243499722	-	G	35	chr1:243499718-243505334
## 11	chr1	243499723	+	A	1	chr1:243499718-243505334
## 12	chr1	243499723	+	C	215	chr1:243499718-243505334
## 13	chr1	243499723	-	C	35	chr1:243499718-243505334
## 14	chr1	243499724	+	T	207	chr1:243499718-243505334
## 15	chr1	243499724	-	T	35	chr1:243499718-243505334
## 16	chr1	243499725	+	A	210	chr1:243499718-243505334
## 17	chr1	243499725	-	A	37	chr1:243499718-243505334
## 18	chr1	243499726	+	T	210	chr1:243499718-243505334
## 19	chr1	243499726	-	T	38	chr1:243499718-243505334
## 20	chr1	243499727	+	T	210	chr1:243499718-243505334
## 21	chr1	243499727	-	T	39	chr1:243499718-243505334
## 22	chr1	243499728	+	G	210	chr1:243499718-243505334
## 23	chr1	243499728	-	G	39	chr1:243499718-243505334
## 24	chr1	243499729	+	A	208	chr1:243499718-243505334
## 25	chr1	243499729	-	A	39	chr1:243499718-243505334
## 26	chr1	243499730	+	A	211	chr1:243499718-243505334
## 27	chr1	243499730	-	A	39	chr1:243499718-243505334
## 28	chr1	243499731	+	A	209	chr1:243499718-243505334
## 29	chr1	243499731	-	A	39	chr1:243499718-243505334
## 30	chr1	243499731	+	G	1	chr1:243499718-243505334
## 31	chr1	243499732	+	C	210	chr1:243499718-243505334
## 32	chr1	243499732	-	C	38	chr1:243499718-243505334
## 33	chr1	243499732	+	T	2	chr1:243499718-243505334
## 34	chr1	243499733	+	C	1	chr1:243499718-243505334
## 35	chr1	243499733	+	T	208	chr1:243499718-243505334
## 36	chr1	243499733	-	T	38	chr1:243499718-243505334
## 37	chr1	243499734	+	T	211	chr1:243499718-243505334
## 38	chr1	243499734	-	T	38	chr1:243499718-243505334
## 39	chr1	243499735	+	A	208	chr1:243499718-243505334
## 40	chr1	243499735	-	A	38	chr1:243499718-243505334
## 41	chr1	243499736	+	A	1	chr1:243499718-243505334
## 42	chr1	243499736	+	C	209	chr1:243499718-243505334
## 43	chr1	243499736	-	C	38	chr1:243499718-243505334
## 44	chr1	243499737	+	T	212	chr1:243499718-243505334
## 45	chr1	243499737	-	T	38	chr1:243499718-243505334
## 46	chr1	243499738	+	T	213	chr1:243499718-243505334
## 47	chr1	243499738	-	T	38	chr1:243499718-243505334
## 48	chr1	243499739	+	T	201	chr1:243499718-243505334
## 49	chr1	243499739	-	T	38	chr1:243499718-243505334
## 50	chr1	243499740	+	A	1	chr1:243499718-243505334

## 51	chr1 243499740	+	T	211	chr1:243499718-243505334
## 52	chr1 243499740	-	T	38	chr1:243499718-243505334
## 53	chr1 243499741	+	T	203	chr1:243499718-243505334
## 54	chr1 243499741	-	T	38	chr1:243499718-243505334
## 55	chr1 243499742	+	A	204	chr1:243499718-243505334
## 56	chr1 243499742	-	A	41	chr1:243499718-243505334
## 57	chr1 243499743	+	T	206	chr1:243499718-243505334
## 58	chr1 243499743	-	T	41	chr1:243499718-243505334
## 59	chr1 243499744	+	T	206	chr1:243499718-243505334
## 60	chr1 243499744	-	T	41	chr1:243499718-243505334
## 61	chr1 243499745	+	A	207	chr1:243499718-243505334
## 62	chr1 243499745	-	A	41	chr1:243499718-243505334
## 63	chr1 243499746	+	T	209	chr1:243499718-243505334
## 64	chr1 243499746	-	T	41	chr1:243499718-243505334
## 65	chr1 243499747	+	T	209	chr1:243499718-243505334
## 66	chr1 243499747	-	T	41	chr1:243499718-243505334
## 67	chr1 243499748	+	T	207	chr1:243499718-243505334
## 68	chr1 243499748	-	T	41	chr1:243499718-243505334
## 69	chr1 243499749	+	T	207	chr1:243499718-243505334
## 70	chr1 243499749	-	T	41	chr1:243499718-243505334
## 71	chr1 243499750	+	T	208	chr1:243499718-243505334
## 72	chr1 243499750	-	T	41	chr1:243499718-243505334
## 73	chr1 243499751	+	T	205	chr1:243499718-243505334
## 74	chr1 243499751	-	T	41	chr1:243499718-243505334
## 75	chr1 243499752	+	A	1	chr1:243499718-243505334
## 76	chr1 243499752	+	C	209	chr1:243499718-243505334
## 77	chr1 243499752	-	C	41	chr1:243499718-243505334
## 78	chr1 243499753	+	C	209	chr1:243499718-243505334
## 79	chr1 243499753	-	C	41	chr1:243499718-243505334
## 80	chr1 243499754	+	A	210	chr1:243499718-243505334
## 81	chr1 243499754	-	A	40	chr1:243499718-243505334
## 82	chr1 243499755	+	G	209	chr1:243499718-243505334
## 83	chr1 243499755	-	G	40	chr1:243499718-243505334
## 84	chr1 243499756	+	T	203	chr1:243499718-243505334
## 85	chr1 243499756	-	T	40	chr1:243499718-243505334
## 86	chr1 243499757	+	T	205	chr1:243499718-243505334
## 87	chr1 243499757	-	T	40	chr1:243499718-243505334
## 88	chr1 243499758	+	A	210	chr1:243499718-243505334
## 89	chr1 243499758	-	A	39	chr1:243499718-243505334
## 90	chr1 243499759	+	C	209	chr1:243499718-243505334
## 91	chr1 243499759	-	C	38	chr1:243499718-243505334
## 92	chr1 243499760	+	A	1	chr1:243499718-243505334
## 93	chr1 243499760	+	C	212	chr1:243499718-243505334
## 94	chr1 243499760	-	C	36	chr1:243499718-243505334
## 95	chr1 243499761	+	C	211	chr1:243499718-243505334
## 96	chr1 243499761	-	C	38	chr1:243499718-243505334
## 97	chr1 243499761	+	T	1	chr1:243499718-243505334
## 98	chr1 243499762	+	A	206	chr1:243499718-243505334
## 99	chr1 243499762	-	A	38	chr1:243499718-243505334
## 100	chr1 243499763	+	G	205	chr1:243499718-243505334
## 101	chr1 243499763	-	G	42	chr1:243499718-243505334
## 102	chr1 243499764	+	C	208	chr1:243499718-243505334
## 103	chr1 243499764	-	C	42	chr1:243499718-243505334
## 104	chr1 243499765	+	A	208	chr1:243499718-243505334

## 105	chr1 243499765	-	A	42	chr1:243499718-243505334
## 106	chr1 243499765	+	T	1	chr1:243499718-243505334
## 107	chr1 243499766	+	T	204	chr1:243499718-243505334
## 108	chr1 243499766	-	T	42	chr1:243499718-243505334
## 109	chr1 243499767	+	G	196	chr1:243499718-243505334
## 110	chr1 243499767	-	G	47	chr1:243499718-243505334
## 111	chr1 243499768	+	C	202	chr1:243499718-243505334
## 112	chr1 243499768	-	C	47	chr1:243499718-243505334
## 113	chr1 243499769	+	C	192	chr1:243499718-243505334
## 114	chr1 243499769	-	C	47	chr1:243499718-243505334
## 115	chr1 243499770	+	A	193	chr1:243499718-243505334
## 116	chr1 243499770	-	A	52	chr1:243499718-243505334
## 117	chr1 243499771	+	C	196	chr1:243499718-243505334
## 118	chr1 243499771	-	C	55	chr1:243499718-243505334
## 119	chr1 243499772	+	A	189	chr1:243499718-243505334
## 120	chr1 243499772	-	A	55	chr1:243499718-243505334
## 121	chr1 243499773	+	A	194	chr1:243499718-243505334
## 122	chr1 243499773	-	A	57	chr1:243499718-243505334
## 123	chr1 243499774	+	T	194	chr1:243499718-243505334
## 124	chr1 243499774	-	T	57	chr1:243499718-243505334
## 125	chr1 243499775	+	C	191	chr1:243499718-243505334
## 126	chr1 243499775	-	C	57	chr1:243499718-243505334
## 127	chr1 243499776	+	T	189	chr1:243499718-243505334
## 128	chr1 243499776	-	T	55	chr1:243499718-243505334
## 129	chr1 243499777	+	G	192	chr1:243499718-243505334
## 130	chr1 243499777	-	G	57	chr1:243499718-243505334
## 131	chr1 243499778	+	A	190	chr1:243499718-243505334
## 132	chr1 243499778	-	A	57	chr1:243499718-243505334
## 133	chr1 243499779	+	T	189	chr1:243499718-243505334
## 134	chr1 243499779	-	T	56	chr1:243499718-243505334
## 135	chr1 243499780	+	T	189	chr1:243499718-243505334
## 136	chr1 243499780	-	T	62	chr1:243499718-243505334
## 137	chr1 243499781	+	G	189	chr1:243499718-243505334
## 138	chr1 243499781	-	G	55	chr1:243499718-243505334
## 139	chr1 243499781	+	T	1	chr1:243499718-243505334
## 140	chr1 243499782	+	C	182	chr1:243499718-243505334
## 141	chr1 243499782	-	C	50	chr1:243499718-243505334
## 142	chr1 243499783	+	T	187	chr1:243499718-243505334
## 143	chr1 243499783	-	T	51	chr1:243499718-243505334
## 144	chr1 243499784	+	G	190	chr1:243499718-243505334
## 145	chr1 243499784	-	G	52	chr1:243499718-243505334
## 146	chr1 243499785	+	A	191	chr1:243499718-243505334
## 147	chr1 243499785	-	A	50	chr1:243499718-243505334
## 148	chr1 243499786	+	C	200	chr1:243499718-243505334
## 149	chr1 243499786	-	C	47	chr1:243499718-243505334
## 150	chr1 243499787	+	C	204	chr1:243499718-243505334
## 151	chr1 243499787	-	C	47	chr1:243499718-243505334
## 152	chr1 243499788	+	T	204	chr1:243499718-243505334
## 153	chr1 243499788	-	T	47	chr1:243499718-243505334
## 154	chr1 243499789	+	G	203	chr1:243499718-243505334
## 155	chr1 243499789	-	G	48	chr1:243499718-243505334
## 156	chr1 243499790	+	G	202	chr1:243499718-243505334
## 157	chr1 243499790	-	G	49	chr1:243499718-243505334
## 158	chr1 243499791	+	A	202	chr1:243499718-243505334

## 159	chr1 243499791	-	A	49	chr1:243499718-243505334
## 160	chr1 243499792	+	T	202	chr1:243499718-243505334
## 161	chr1 243499792	-	T	49	chr1:243499718-243505334
## 162	chr1 243499793	+	-	1	chr1:243499718-243505334
## 163	chr1 243499793	-	-	1	chr1:243499718-243505334
## 164	chr1 243499793	+	G	201	chr1:243499718-243505334
## 165	chr1 243499793	-	G	48	chr1:243499718-243505334
## 166	chr1 243499794	+	G	203	chr1:243499718-243505334
## 167	chr1 243499794	-	G	48	chr1:243499718-243505334
## 168	chr1 243499795	+	A	203	chr1:243499718-243505334
## 169	chr1 243499795	-	A	48	chr1:243499718-243505334
## 170	chr1 243499796	+	A	202	chr1:243499718-243505334
## 171	chr1 243499796	-	A	48	chr1:243499718-243505334
## 172	chr1 243499797	+	C	199	chr1:243499718-243505334
## 173	chr1 243499797	-	C	48	chr1:243499718-243505334
## 174	chr1 243499797	+	T	1	chr1:243499718-243505334
## 175	chr1 243499798	+	A	202	chr1:243499718-243505334
## 176	chr1 243499798	-	A	48	chr1:243499718-243505334
## 177	chr1 243499799	+	G	203	chr1:243499718-243505334
## 178	chr1 243499799	-	G	48	chr1:243499718-243505334
## 179	chr1 243499800	+	A	200	chr1:243499718-243505334
## 180	chr1 243499800	-	A	44	chr1:243499718-243505334
## 181	chr1 243499801	+	G	205	chr1:243499718-243505334
## 182	chr1 243499801	-	G	42	chr1:243499718-243505334
## 183	chr1 243499802	+	T	208	chr1:243499718-243505334
## 184	chr1 243499802	-	T	42	chr1:243499718-243505334
## 185	chr1 243499803	+	G	207	chr1:243499718-243505334
## 186	chr1 243499803	-	G	42	chr1:243499718-243505334
## 187	chr1 243499804	+	A	206	chr1:243499718-243505334
## 188	chr1 243499804	-	A	42	chr1:243499718-243505334
## 189	chr1 243499805	+	A	206	chr1:243499718-243505334
## 190	chr1 243499805	-	A	42	chr1:243499718-243505334
## 191	chr1 243499806	+	A	208	chr1:243499718-243505334
## 192	chr1 243499806	-	A	42	chr1:243499718-243505334
## 193	chr1 243499807	+	T	207	chr1:243499718-243505334
## 194	chr1 243499807	-	T	42	chr1:243499718-243505334
## 195	chr1 243499808	+	A	206	chr1:243499718-243505334
## 196	chr1 243499808	-	A	42	chr1:243499718-243505334
## 197	chr1 243499809	+	A	208	chr1:243499718-243505334
## 198	chr1 243499809	-	A	42	chr1:243499718-243505334
## 199	chr1 243499810	+	A	207	chr1:243499718-243505334
## 200	chr1 243499810	-	A	42	chr1:243499718-243505334
## 201	chr1 243499811	+	T	204	chr1:243499718-243505334
## 202	chr1 243499811	-	T	42	chr1:243499718-243505334
## 203	chr1 243499812	+	G	207	chr1:243499718-243505334
## 204	chr1 243499812	-	G	42	chr1:243499718-243505334
## 205	chr1 243499813	+	A	209	chr1:243499718-243505334
## 206	chr1 243499813	-	A	42	chr1:243499718-243505334
## 207	chr1 243499814	+	T	208	chr1:243499718-243505334
## 208	chr1 243499814	-	T	42	chr1:243499718-243505334
## 209	chr1 243499815	+	T	197	chr1:243499718-243505334
## 210	chr1 243499815	-	T	42	chr1:243499718-243505334
## 211	chr1 243499816	-	C	1	chr1:243499718-243505334
## 212	chr1 243499816	+	T	205	chr1:243499718-243505334

## 213	chr1 243499816	-	T	44	chr1:243499718-243505334
## 214	chr1 243499817	+	A	205	chr1:243499718-243505334
## 215	chr1 243499817	-	A	42	chr1:243499718-243505334
## 216	chr1 243499818	+	C	207	chr1:243499718-243505334
## 217	chr1 243499818	-	C	42	chr1:243499718-243505334
## 218	chr1 243499819	+	A	207	chr1:243499718-243505334
## 219	chr1 243499819	-	A	42	chr1:243499718-243505334
## 220	chr1 243499820	+	A	208	chr1:243499718-243505334
## 221	chr1 243499820	-	A	41	chr1:243499718-243505334
## 222	chr1 243499821	+	A	207	chr1:243499718-243505334
## 223	chr1 243499821	-	A	41	chr1:243499718-243505334
## 224	chr1 243499822	+	G	209	chr1:243499718-243505334
## 225	chr1 243499822	-	G	41	chr1:243499718-243505334
## 226	chr1 243499823	+	A	209	chr1:243499718-243505334
## 227	chr1 243499823	-	A	41	chr1:243499718-243505334
## 228	chr1 243499824	+	G	207	chr1:243499718-243505334
## 229	chr1 243499824	-	G	41	chr1:243499718-243505334
## 230	chr1 243499825	+	A	207	chr1:243499718-243505334
## 231	chr1 243499825	-	A	41	chr1:243499718-243505334
## 232	chr1 243499826	+	T	208	chr1:243499718-243505334
## 233	chr1 243499826	-	T	41	chr1:243499718-243505334
## 234	chr1 243499827	+	A	205	chr1:243499718-243505334
## 235	chr1 243499827	-	A	41	chr1:243499718-243505334
## 236	chr1 243499828	+	T	209	chr1:243499718-243505334
## 237	chr1 243499828	-	T	41	chr1:243499718-243505334
## 238	chr1 243499829	+	T	209	chr1:243499718-243505334
## 239	chr1 243499829	-	T	41	chr1:243499718-243505334
## 240	chr1 243499830	+	T	208	chr1:243499718-243505334
## 241	chr1 243499830	-	T	42	chr1:243499718-243505334
## 242	chr1 243499831	+	A	207	chr1:243499718-243505334
## 243	chr1 243499831	-	A	42	chr1:243499718-243505334
## 244	chr1 243499832	+	C	200	chr1:243499718-243505334
## 245	chr1 243499832	-	C	42	chr1:243499718-243505334
## 246	chr1 243499832	+	T	1	chr1:243499718-243505334
## 247	chr1 243499833	+	A	197	chr1:243499718-243505334
## 248	chr1 243499833	-	A	42	chr1:243499718-243505334
## 249	chr1 243499834	+	T	206	chr1:243499718-243505334
## 250	chr1 243499834	-	T	42	chr1:243499718-243505334
## 251	chr1 243499835	+	T	206	chr1:243499718-243505334
## 252	chr1 243499835	-	T	42	chr1:243499718-243505334
## 253	chr1 243499836	+	C	209	chr1:243499718-243505334
## 254	chr1 243499836	-	C	40	chr1:243499718-243505334
## 255	chr1 243499837	+	A	210	chr1:243499718-243505334
## 256	chr1 243499837	-	A	40	chr1:243499718-243505334
## 257	chr1 243499838	+	T	211	chr1:243499718-243505334
## 258	chr1 243499838	-	T	36	chr1:243499718-243505334
## 259	chr1 243499839	+	C	209	chr1:243499718-243505334
## 260	chr1 243499839	-	C	38	chr1:243499718-243505334
## 261	chr1 243499840	+	A	1	chr1:243499718-243505334
## 262	chr1 243499840	+	T	210	chr1:243499718-243505334
## 263	chr1 243499840	-	T	38	chr1:243499718-243505334
## 264	chr1 243499841	+	G	212	chr1:243499718-243505334
## 265	chr1 243499841	-	G	38	chr1:243499718-243505334
## 266	chr1 243499842	+	G	213	chr1:243499718-243505334

## 267	chr1 243499842	-	G	30	chr1:243499718-243505334
## 268	chr1 243499842	-	T	3	chr1:243499718-243505334
## 269	chr1 243499843	+	T	207	chr1:243499718-243505334
## 270	chr1 243499843	-	T	36	chr1:243499718-243505334
## 271	chr1 243499844	+	T	214	chr1:243499718-243505334
## 272	chr1 243499844	-	T	35	chr1:243499718-243505334
## 273	chr1 243499845	+	T	212	chr1:243499718-243505334
## 274	chr1 243499845	-	T	30	chr1:243499718-243505334
## 275	chr1 243499846	+	A	210	chr1:243499718-243505334
## 276	chr1 243499846	-	A	30	chr1:243499718-243505334
## 277	chr1 243499847	+	G	213	chr1:243499718-243505334
## 278	chr1 243499847	-	G	32	chr1:243499718-243505334
## 279	chr1 243499847	+	T	1	chr1:243499718-243505334
## 280	chr1 243499848	+	A	214	chr1:243499718-243505334
## 281	chr1 243499848	-	A	30	chr1:243499718-243505334
## 282	chr1 243499849	+	C	220	chr1:243499718-243505334
## 283	chr1 243499849	-	C	30	chr1:243499718-243505334
## 284	chr1 243499850	+	T	220	chr1:243499718-243505334
## 285	chr1 243499850	-	T	30	chr1:243499718-243505334
## 286	chr1 243499851	+	T	219	chr1:243499718-243505334
## 287	chr1 243499851	-	T	30	chr1:243499718-243505334
## 288	chr1 243499852	+	A	217	chr1:243499718-243505334
## 289	chr1 243499852	-	A	28	chr1:243499718-243505334
## 290	chr1 243499853	+	A	222	chr1:243499718-243505334
## 291	chr1 243499853	-	A	28	chr1:243499718-243505334
## 292	chr1 243499854	+	T	219	chr1:243499718-243505334
## 293	chr1 243499854	-	T	28	chr1:243499718-243505334
## 294	chr1 243499855	+	A	223	chr1:243499718-243505334
## 295	chr1 243499855	-	A	22	chr1:243499718-243505334
## 296	chr1 243499856	+	T	226	chr1:243499718-243505334
## 297	chr1 243499856	-	T	24	chr1:243499718-243505334
## 298	chr1 243499857	+	G	219	chr1:243499718-243505334
## 299	chr1 243499857	-	G	24	chr1:243499718-243505334
## 300	chr1 243499858	+	C	206	chr1:243499718-243505334
## 301	chr1 243499858	-	C	26	chr1:243499718-243505334
## 302	chr1 243499859	+	C	195	chr1:243499718-243505334
## 303	chr1 243499859	-	C	36	chr1:243499718-243505334
## 304	chr1 243499860	+	A	194	chr1:243499718-243505334
## 305	chr1 243499860	-	A	42	chr1:243499718-243505334
## 306	chr1 243499861	+	A	1	chr1:243499718-243505334
## 307	chr1 243499861	+	C	187	chr1:243499718-243505334
## 308	chr1 243499861	-	C	54	chr1:243499718-243505334
## 309	chr1 243499862	+	A	184	chr1:243499718-243505334
## 310	chr1 243499862	-	A	63	chr1:243499718-243505334
## 311	chr1 243499863	+	A	186	chr1:243499718-243505334
## 312	chr1 243499863	-	A	64	chr1:243499718-243505334
## 313	chr1 243499864	+	C	185	chr1:243499718-243505334
## 314	chr1 243499864	-	C	63	chr1:243499718-243505334
## 315	chr1 243499864	+	T	2	chr1:243499718-243505334
## 316	chr1 243499865	+	G	188	chr1:243499718-243505334
## 317	chr1 243499865	-	G	62	chr1:243499718-243505334
## 318	chr1 243499866	+	C	187	chr1:243499718-243505334
## 319	chr1 243499866	-	C	63	chr1:243499718-243505334
## 320	chr1 243499867	+	A	186	chr1:243499718-243505334

## 321	chr1 243499867	-	A	64	chr1:243499718-243505334
## 322	chr1 243499868	+	C	185	chr1:243499718-243505334
## 323	chr1 243499868	-	C	65	chr1:243499718-243505334
## 324	chr1 243499869	+	C	184	chr1:243499718-243505334
## 325	chr1 243499869	-	C	66	chr1:243499718-243505334
## 326	chr1 243499870	+	A	184	chr1:243499718-243505334
## 327	chr1 243499870	-	A	66	chr1:243499718-243505334
## 328	chr1 243499871	+	C	183	chr1:243499718-243505334
## 329	chr1 243499871	-	C	67	chr1:243499718-243505334
## 330	chr1 243499872	+	A	2	chr1:243499718-243505334
## 331	chr1 243499872	+	G	181	chr1:243499718-243505334
## 332	chr1 243499872	-	G	67	chr1:243499718-243505334
## 333	chr1 243499873	+	A	180	chr1:243499718-243505334
## 334	chr1 243499873	-	A	68	chr1:243499718-243505334
## 335	chr1 243499874	+	C	179	chr1:243499718-243505334
## 336	chr1 243499874	-	C	71	chr1:243499718-243505334
## 337	chr1 243499875	+	A	1	chr1:243499718-243505334
## 338	chr1 243499875	+	C	178	chr1:243499718-243505334
## 339	chr1 243499875	-	C	71	chr1:243499718-243505334
## 340	chr1 243499876	+	T	172	chr1:243499718-243505334
## 341	chr1 243499876	-	T	72	chr1:243499718-243505334
## 342	chr1 243499877	+	T	168	chr1:243499718-243505334
## 343	chr1 243499877	-	T	79	chr1:243499718-243505334
## 344	chr1 243499878	+	C	168	chr1:243499718-243505334
## 345	chr1 243499878	-	C	82	chr1:243499718-243505334
## 346	chr1 243499879	+	C	166	chr1:243499718-243505334
## 347	chr1 243499879	-	C	83	chr1:243499718-243505334
## 348	chr1 243499880	+	C	163	chr1:243499718-243505334
## 349	chr1 243499880	-	C	85	chr1:243499718-243505334
## 350	chr1 243499881	+	A	160	chr1:243499718-243505334
## 351	chr1 243499881	-	A	88	chr1:243499718-243505334
## 352	chr1 243499882	+	G	159	chr1:243499718-243505334
## 353	chr1 243499882	-	G	91	chr1:243499718-243505334
## 354	chr1 243499883	+	G	157	chr1:243499718-243505334
## 355	chr1 243499883	-	G	92	chr1:243499718-243505334
## 356	chr1 243499884	+	G	154	chr1:243499718-243505334
## 357	chr1 243499884	-	G	93	chr1:243499718-243505334
## 358	chr1 243499885	+	T	153	chr1:243499718-243505334
## 359	chr1 243499885	-	T	96	chr1:243499718-243505334
## 360	chr1 243499886	+	G	151	chr1:243499718-243505334
## 361	chr1 243499886	-	G	98	chr1:243499718-243505334
## 362	chr1 243499887	+	A	146	chr1:243499718-243505334
## 363	chr1 243499887	-	A	100	chr1:243499718-243505334
## 364	chr1 243499888	+	A	1	chr1:243499718-243505334
## 365	chr1 243499888	+	C	143	chr1:243499718-243505334
## 366	chr1 243499888	-	C	105	chr1:243499718-243505334
## 367	chr1 243499889	+	A	143	chr1:243499718-243505334
## 368	chr1 243499889	-	A	107	chr1:243499718-243505334
## 369	chr1 243499890	+	C	142	chr1:243499718-243505334
## 370	chr1 243499890	-	C	108	chr1:243499718-243505334
## 371	chr1 243499891	+	C	133	chr1:243499718-243505334
## 372	chr1 243499891	-	C	106	chr1:243499718-243505334
## 373	chr1 243499892	+	A	1	chr1:243499718-243505334
## 374	chr1 243499892	+	G	131	chr1:243499718-243505334

## 375	chr1 243499892	-	G	113	chr1:243499718-243505334
## 376	chr1 243499893	+	C	128	chr1:243499718-243505334
## 377	chr1 243499893	-	C	115	chr1:243499718-243505334
## 378	chr1 243499894	+	A	1	chr1:243499718-243505334
## 379	chr1 243499894	+	C	124	chr1:243499718-243505334
## 380	chr1 243499894	-	C	119	chr1:243499718-243505334
## 381	chr1 243499895	+	T	124	chr1:243499718-243505334
## 382	chr1 243499895	-	T	120	chr1:243499718-243505334
## 383	chr1 243499896	+	C	122	chr1:243499718-243505334
## 384	chr1 243499896	-	C	122	chr1:243499718-243505334
## 385	chr1 243499897	+	A	119	chr1:243499718-243505334
## 386	chr1 243499897	-	A	128	chr1:243499718-243505334
## 387	chr1 243499898	+	G	117	chr1:243499718-243505334
## 388	chr1 243499898	-	G	132	chr1:243499718-243505334
## 389	chr1 243499898	+	T	1	chr1:243499718-243505334
## 390	chr1 243499899	+	C	117	chr1:243499718-243505334
## 391	chr1 243499899	-	C	133	chr1:243499718-243505334
## 392	chr1 243499900	+	C	114	chr1:243499718-243505334
## 393	chr1 243499900	-	C	134	chr1:243499718-243505334
## 394	chr1 243499901	+	T	111	chr1:243499718-243505334
## 395	chr1 243499901	-	T	137	chr1:243499718-243505334
## 396	chr1 243499902	+	G	109	chr1:243499718-243505334
## 397	chr1 243499902	-	G	140	chr1:243499718-243505334
## 398	chr1 243499903	+	C	104	chr1:243499718-243505334
## 399	chr1 243499903	-	C	141	chr1:243499718-243505334
## 400	chr1 243499903	-	T	1	chr1:243499718-243505334
## 401	chr1 243499904	+	A	103	chr1:243499718-243505334
## 402	chr1 243499904	-	A	146	chr1:243499718-243505334
## 403	chr1 243499905	+	G	103	chr1:243499718-243505334
## 404	chr1 243499905	-	G	145	chr1:243499718-243505334
## 405	chr1 243499906	-	C	1	chr1:243499718-243505334
## 406	chr1 243499906	-	G	1	chr1:243499718-243505334
## 407	chr1 243499906	+	T	102	chr1:243499718-243505334
## 408	chr1 243499906	-	T	146	chr1:243499718-243505334
## 409	chr1 243499907	+	G	100	chr1:243499718-243505334
## 410	chr1 243499907	-	G	149	chr1:243499718-243505334
## 411	chr1 243499908	+	G	99	chr1:243499718-243505334
## 412	chr1 243499908	-	G	148	chr1:243499718-243505334
## 413	chr1 243499908	-	T	1	chr1:243499718-243505334
## 414	chr1 243499909	+	G	87	chr1:243499718-243505334
## 415	chr1 243499909	-	G	152	chr1:243499718-243505334
## 416	chr1 243499910	+	G	84	chr1:243499718-243505334
## 417	chr1 243499910	-	G	154	chr1:243499718-243505334
## 418	chr1 243499911	+	C	81	chr1:243499718-243505334
## 419	chr1 243499911	-	C	156	chr1:243499718-243505334
## 420	chr1 243499912	+	T	79	chr1:243499718-243505334
## 421	chr1 243499912	-	T	163	chr1:243499718-243505334
## 422	chr1 243499913	+	G	78	chr1:243499718-243505334
## 423	chr1 243499913	-	G	172	chr1:243499718-243505334
## 424	chr1 243499914	+	G	76	chr1:243499718-243505334
## 425	chr1 243499914	-	G	171	chr1:243499718-243505334
## 426	chr1 243499915	+	T	72	chr1:243499718-243505334
## 427	chr1 243499915	-	T	175	chr1:243499718-243505334
## 428	chr1 243499916	+	C	70	chr1:243499718-243505334

## 429	chr1 243499916	-	C	179	chr1:243499718-243505334
## 430	chr1 243499917	+	C	69	chr1:243499718-243505334
## 431	chr1 243499917	-	C	179	chr1:243499718-243505334
## 432	chr1 243499918	+	T	68	chr1:243499718-243505334
## 433	chr1 243499918	-	T	180	chr1:243499718-243505334
## 434	chr1 243499919	+	C	60	chr1:243499718-243505334
## 435	chr1 243499919	-	C	183	chr1:243499718-243505334
## 436	chr1 243499920	+	A	58	chr1:243499718-243505334
## 437	chr1 243499920	-	A	185	chr1:243499718-243505334
## 438	chr1 243499921	+	T	56	chr1:243499718-243505334
## 439	chr1 243499921	-	T	189	chr1:243499718-243505334
## 440	chr1 243499922	-	A	2	chr1:243499718-243505334
## 441	chr1 243499922	+	C	51	chr1:243499718-243505334
## 442	chr1 243499922	-	C	190	chr1:243499718-243505334
## 443	chr1 243499923	+	A	46	chr1:243499718-243505334
## 444	chr1 243499923	-	A	194	chr1:243499718-243505334
## 445	chr1 243499923	-	C	1	chr1:243499718-243505334
## 446	chr1 243499924	+	A	39	chr1:243499718-243505334
## 447	chr1 243499924	-	A	200	chr1:243499718-243505334
## 448	chr1 243499925	+	C	38	chr1:243499718-243505334
## 449	chr1 243499925	-	C	202	chr1:243499718-243505334
## 450	chr1 243499926	+	G	37	chr1:243499718-243505334
## 451	chr1 243499926	-	G	202	chr1:243499718-243505334
## 452	chr1 243499927	+	C	35	chr1:243499718-243505334
## 453	chr1 243499927	-	C	209	chr1:243499718-243505334
## 454	chr1 243499928	+	G	29	chr1:243499718-243505334
## 455	chr1 243499928	-	G	212	chr1:243499718-243505334
## 456	chr1 243499929	+	G	28	chr1:243499718-243505334
## 457	chr1 243499929	-	G	214	chr1:243499718-243505334
## 458	chr1 243499929	-	T	1	chr1:243499718-243505334
## 459	chr1 243499930	+	G	25	chr1:243499718-243505334
## 460	chr1 243499930	-	G	213	chr1:243499718-243505334
## 461	chr1 243499931	+	C	21	chr1:243499718-243505334
## 462	chr1 243499931	-	C	218	chr1:243499718-243505334
## 463	chr1 243499932	+	G	20	chr1:243499718-243505334
## 464	chr1 243499932	-	G	220	chr1:243499718-243505334
## 465	chr1 243499933	+	C	18	chr1:243499718-243505334
## 466	chr1 243499933	-	C	219	chr1:243499718-243505334
## 467	chr1 243499934	+	T	18	chr1:243499718-243505334
## 468	chr1 243499934	-	T	210	chr1:243499718-243505334
## 469	chr1 243499935	+	G	11	chr1:243499718-243505334
## 470	chr1 243499935	-	G	209	chr1:243499718-243505334
## 471	chr1 243499936	+	T	9	chr1:243499718-243505334
## 472	chr1 243499936	-	T	202	chr1:243499718-243505334
## 473	chr1 243499937	+	C	9	chr1:243499718-243505334
## 474	chr1 243499937	-	C	194	chr1:243499718-243505334
## 475	chr1 243499938	+	C	6	chr1:243499718-243505334
## 476	chr1 243499938	-	C	194	chr1:243499718-243505334
## 477	chr1 243499939	+	C	5	chr1:243499718-243505334
## 478	chr1 243499939	-	C	198	chr1:243499718-243505334
## 479	chr1 243499940	+	C	4	chr1:243499718-243505334
## 480	chr1 243499940	-	C	199	chr1:243499718-243505334
## 481	chr1 243499941	+	G	4	chr1:243499718-243505334
## 482	chr1 243499941	-	G	203	chr1:243499718-243505334

## 483	chr1 243499942	+	C	4	chr1:243499718-243505334
## 484	chr1 243499942	-	C	203	chr1:243499718-243505334
## 485	chr1 243499943	+	A	4	chr1:243499718-243505334
## 486	chr1 243499943	-	A	205	chr1:243499718-243505334
## 487	chr1 243499944	+	C	4	chr1:243499718-243505334
## 488	chr1 243499944	-	C	206	chr1:243499718-243505334
## 489	chr1 243499944	-	G	1	chr1:243499718-243505334
## 490	chr1 243499945	-	A	1	chr1:243499718-243505334
## 491	chr1 243499945	+	G	3	chr1:243499718-243505334
## 492	chr1 243499945	-	G	214	chr1:243499718-243505334
## 493	chr1 243499946	+	C	3	chr1:243499718-243505334
## 494	chr1 243499946	-	C	222	chr1:243499718-243505334
## 495	chr1 243499947	+	A	2	chr1:243499718-243505334
## 496	chr1 243499947	-	A	225	chr1:243499718-243505334
## 497	chr1 243499947	-	T	1	chr1:243499718-243505334
## 498	chr1 243499948	+	G	2	chr1:243499718-243505334
## 499	chr1 243499948	-	G	233	chr1:243499718-243505334
## 500	chr1 243499949	+	T	2	chr1:243499718-243505334
## 501	chr1 243499949	-	T	232	chr1:243499718-243505334
## 502	chr1 243499950	+	C	1	chr1:243499718-243505334
## 503	chr1 243499950	-	C	236	chr1:243499718-243505334
## 504	chr1 243499951	+	G	1	chr1:243499718-243505334
## 505	chr1 243499951	-	G	243	chr1:243499718-243505334
## 506	chr1 243499951	-	T	1	chr1:243499718-243505334
## 507	chr1 243499952	+	G	1	chr1:243499718-243505334
## 508	chr1 243499952	-	G	242	chr1:243499718-243505334
## 509	chr1 243499952	-	T	1	chr1:243499718-243505334
## 510	chr1 243499953	-	G	245	chr1:243499718-243505334
## 511	chr1 243499954	-	C	246	chr1:243499718-243505334
## 512	chr1 243499954	-	T	1	chr1:243499718-243505334
## 513	chr1 243499955	-	T	249	chr1:243499718-243505334
## 514	chr1 243499956	-	G	249	chr1:243499718-243505334
## 515	chr1 243499957	-	G	245	chr1:243499718-243505334
## 516	chr1 243499958	-	A	247	chr1:243499718-243505334
## 517	chr1 243499959	-	G	246	chr1:243499718-243505334
## 518	chr1 243499960	-	C	244	chr1:243499718-243505334
## 519	chr1 243499961	-	T	243	chr1:243499718-243505334
## 520	chr1 243499962	-	A	2	chr1:243499718-243505334
## 521	chr1 243499962	-	G	246	chr1:243499718-243505334
## 522	chr1 243499963	-	G	245	chr1:243499718-243505334
## 523	chr1 243499964	-	A	248	chr1:243499718-243505334
## 524	chr1 243499964	-	G	1	chr1:243499718-243505334
## 525	chr1 243499965	-	A	6	chr1:243499718-243505334
## 526	chr1 243499965	-	G	241	chr1:243499718-243505334
## 527	chr1 243499966	-	T	248	chr1:243499718-243505334
## 528	chr1 243499967	-	C	241	chr1:243499718-243505334
## 529	chr1 243499968	-	T	240	chr1:243499718-243505334
## 530	chr1 243499969	-	G	239	chr1:243499718-243505334
## 531	chr1 243499970	-	A	240	chr1:243499718-243505334
## 532	chr1 243499971	-	C	239	chr1:243499718-243505334
## 533	chr1 243499971	-	G	1	chr1:243499718-243505334
## 534	chr1 243499972	-	T	244	chr1:243499718-243505334
## 535	chr1 243499973	-	C	240	chr1:243499718-243505334
## 536	chr1 243499974	-	A	1	chr1:243499718-243505334

## 537	chr1 243499974	-	T	240	chr1:243499718-243505334
## 538	chr1 243499975	-	A	241	chr1:243499718-243505334
## 539	chr1 243499976	-	G	238	chr1:243499718-243505334
## 540	chr1 243499977	-	A	1	chr1:243499718-243505334
## 541	chr1 243499977	-	C	235	chr1:243499718-243505334
## 542	chr1 243499978	-	T	236	chr1:243499718-243505334
## 543	chr1 243499979	-	G	237	chr1:243499718-243505334
## 544	chr1 243499980	-	A	251	chr1:243499718-243505334
## 545	chr1 243499981	-	G	249	chr1:243499718-243505334
## 546	chr1 243499982	-	C	250	chr1:243499718-243505334
## 547	chr1 243499983	-	A	250	chr1:243499718-243505334
## 548	chr1 243499984	-	G	249	chr1:243499718-243505334
## 549	chr1 243499985	-	A	249	chr1:243499718-243505334
## 550	chr1 243499986	-	G	249	chr1:243499718-243505334
## 551	chr1 243499987	-	C	240	chr1:243499718-243505334
## 552	chr1 243499988	-	T	234	chr1:243499718-243505334
## 553	chr1 243499989	-	C	233	chr1:243499718-243505334
## 554	chr1 243499990	-	C	231	chr1:243499718-243505334
## 555	chr1 243499991	-	T	228	chr1:243499718-243505334
## 556	chr1 243499992	-	G	225	chr1:243499718-243505334
## 557	chr1 243499992	-	T	1	chr1:243499718-243505334
## 558	chr1 243499993	-	A	1	chr1:243499718-243505334
## 559	chr1 243499993	-	G	222	chr1:243499718-243505334
## 560	chr1 243499994	-	C	1	chr1:243499718-243505334
## 561	chr1 243499994	-	T	218	chr1:243499718-243505334
## 562	chr1 243499995	-	G	218	chr1:243499718-243505334
## 563	chr1 243499996	-	T	210	chr1:243499718-243505334
## 564	chr1 243499997	-	A	207	chr1:243499718-243505334
## 565	chr1 243499998	-	T	205	chr1:243499718-243505334
## 566	chr1 243499999	-	G	200	chr1:243499718-243505334
## 567	chr1 243500000	-	T	200	chr1:243499718-243505334
## 568	chr1 243500001	-	T	200	chr1:243499718-243505334
## 569	chr1 243500002	-	T	194	chr1:243499718-243505334
## 570	chr1 243500003	-	T	197	chr1:243499718-243505334
## 571	chr1 243500004	-	C	194	chr1:243499718-243505334
## 572	chr1 243500005	-	A	193	chr1:243499718-243505334
## 573	chr1 243500006	-	G	188	chr1:243499718-243505334
## 574	chr1 243500007	-	A	190	chr1:243499718-243505334
## 575	chr1 243500008	-	A	188	chr1:243499718-243505334
## 576	chr1 243500009	-	A	183	chr1:243499718-243505334
## 577	chr1 243500009	-	T	1	chr1:243499718-243505334
## 578	chr1 243500010	-	T	188	chr1:243499718-243505334
## 579	chr1 243500011	-	G	182	chr1:243499718-243505334
## 580	chr1 243500012	-	G	181	chr1:243499718-243505334
## 581	chr1 243500013	-	C	181	chr1:243499718-243505334
## 582	chr1 243500014	-	T	177	chr1:243499718-243505334
## 583	chr1 243500015	-	T	181	chr1:243499718-243505334
## 584	chr1 243500016	-	G	177	chr1:243499718-243505334
## 585	chr1 243500017	-	A	176	chr1:243499718-243505334
## 586	chr1 243500018	-	A	173	chr1:243499718-243505334
## 587	chr1 243500019	-	G	171	chr1:243499718-243505334
## 588	chr1 243500020	-	T	165	chr1:243499718-243505334
## 589	chr1 243500021	-	T	157	chr1:243499718-243505334
## 590	chr1 243500022	-	A	153	chr1:243499718-243505334

## 591	chr1 243500023	-	T	146	chr1:243499718-243505334
## 592	chr1 243500024	-	G	145	chr1:243499718-243505334
## 593	chr1 243500025	-	T	141	chr1:243499718-243505334
## 594	chr1 243500026	-	G	134	chr1:243499718-243505334
## 595	chr1 243500027	-	T	128	chr1:243499718-243505334
## 596	chr1 243500028	-	T	123	chr1:243499718-243505334
## 597	chr1 243500029	-	T	119	chr1:243499718-243505334
## 598	chr1 243500030	-	A	115	chr1:243499718-243505334
## 599	chr1 243500031	-	A	113	chr1:243499718-243505334
## 600	chr1 243500032	-	A	113	chr1:243499718-243505334
## 601	chr1 243500033	-	T	112	chr1:243499718-243505334
## 602	chr1 243500034	-	C	112	chr1:243499718-243505334
## 603	chr1 243500035	-	T	111	chr1:243499718-243505334
## 604	chr1 243500036	-	G	111	chr1:243499718-243505334
## 605	chr1 243500037	-	C	103	chr1:243499718-243505334
## 606	chr1 243500038	-	T	100	chr1:243499718-243505334
## 607	chr1 243500039	-	C	97	chr1:243499718-243505334
## 608	chr1 243500040	-	A	97	chr1:243499718-243505334
## 609	chr1 243500041	-	T	96	chr1:243499718-243505334
## 610	chr1 243500042	-	T	98	chr1:243499718-243505334
## 611	chr1 243500043	-	C	97	chr1:243499718-243505334
## 612	chr1 243500044	-	G	95	chr1:243499718-243505334
## 613	chr1 243500045	-	T	93	chr1:243499718-243505334
## 614	chr1 243500046	-	A	92	chr1:243499718-243505334
## 615	chr1 243500047	-	T	82	chr1:243499718-243505334
## 616	chr1 243500048	-	G	82	chr1:243499718-243505334
## 617	chr1 243500049	-	C	85	chr1:243499718-243505334
## 618	chr1 243500050	-	T	85	chr1:243499718-243505334
## 619	chr1 243500051	-	A	85	chr1:243499718-243505334
## 620	chr1 243500052	-	A	1	chr1:243499718-243505334
## 621	chr1 243500052	-	G	83	chr1:243499718-243505334
## 622	chr1 243500053	-	G	82	chr1:243499718-243505334
## 623	chr1 243500054	-	T	77	chr1:243499718-243505334
## 624	chr1 243500055	-	T	63	chr1:243499718-243505334
## 625	chr1 243500056	-	A	62	chr1:243499718-243505334
## 626	chr1 243500057	-	T	60	chr1:243499718-243505334
## 627	chr1 243500058	-	A	63	chr1:243499718-243505334
## 628	chr1 243500059	-	C	63	chr1:243499718-243505334
## 629	chr1 243500060	-	A	61	chr1:243499718-243505334
## 630	chr1 243500061	-	T	59	chr1:243499718-243505334
## 631	chr1 243500062	-	A	60	chr1:243499718-243505334
## 632	chr1 243500063	-	T	59	chr1:243499718-243505334
## 633	chr1 243500064	-	A	1	chr1:243499718-243505334
## 634	chr1 243500064	-	G	58	chr1:243499718-243505334
## 635	chr1 243500065	-	A	57	chr1:243499718-243505334
## 636	chr1 243500066	-	T	56	chr1:243499718-243505334
## 637	chr1 243500067	-	T	56	chr1:243499718-243505334
## 638	chr1 243500068	-	T	56	chr1:243499718-243505334
## 639	chr1 243500069	-	T	56	chr1:243499718-243505334
## 640	chr1 243500070	-	C	56	chr1:243499718-243505334
## 641	chr1 243500071	-	A	55	chr1:243499718-243505334
## 642	chr1 243500072	-	A	55	chr1:243499718-243505334
## 643	chr1 243500073	-	T	54	chr1:243499718-243505334
## 644	chr1 243500074	-	A	56	chr1:243499718-243505334

## 645	chr1 243500075	-	A	54	chr1:243499718-243505334
## 646	chr1 243500076	-	A	54	chr1:243499718-243505334
## 647	chr1 243500077	-	T	54	chr1:243499718-243505334
## 648	chr1 243500078	-	G	49	chr1:243499718-243505334
## 649	chr1 243500079	-	A	47	chr1:243499718-243505334
## 650	chr1 243500080	-	A	47	chr1:243499718-243505334
## 651	chr1 243500081	-	C	46	chr1:243499718-243505334
## 652	chr1 243500082	-	T	42	chr1:243499718-243505334
## 653	chr1 243500083	-	T	42	chr1:243499718-243505334
## 654	chr1 243500084	-	T	42	chr1:243499718-243505334
## 655	chr1 243500085	-	T	32	chr1:243499718-243505334
## 656	chr1 243500086	-	T	32	chr1:243499718-243505334
## 657	chr1 243500087	-	A	32	chr1:243499718-243505334
## 658	chr1 243500088	-	A	32	chr1:243499718-243505334
## 659	chr1 243500089	-	A	32	chr1:243499718-243505334
## 660	chr1 243500090	-	G	28	chr1:243499718-243505334
## 661	chr1 243500091	-	A	27	chr1:243499718-243505334
## 662	chr1 243500092	-	C	27	chr1:243499718-243505334
## 663	chr1 243500093	-	T	27	chr1:243499718-243505334
## 664	chr1 243500094	-	T	26	chr1:243499718-243505334
## 665	chr1 243500095	-	G	24	chr1:243499718-243505334
## 666	chr1 243500096	-	A	24	chr1:243499718-243505334
## 667	chr1 243500097	-	G	24	chr1:243499718-243505334
## 668	chr1 243500098	-	T	22	chr1:243499718-243505334
## 669	chr1 243500099	-	T	22	chr1:243499718-243505334
## 670	chr1 243500100	-	G	22	chr1:243499718-243505334
## 671	chr1 243500101	-	T	23	chr1:243499718-243505334
## 672	chr1 243500102	-	A	23	chr1:243499718-243505334
## 673	chr1 243500103	-	A	23	chr1:243499718-243505334
## 674	chr1 243500104	-	T	23	chr1:243499718-243505334
## 675	chr1 243500105	-	G	23	chr1:243499718-243505334
## 676	chr1 243500106	-	T	23	chr1:243499718-243505334
## 677	chr1 243500107	-	T	23	chr1:243499718-243505334
## 678	chr1 243500108	-	T	21	chr1:243499718-243505334
## 679	chr1 243500109	-	C	21	chr1:243499718-243505334
## 680	chr1 243500110	-	C	21	chr1:243499718-243505334
## 681	chr1 243500111	-	T	21	chr1:243499718-243505334
## 682	chr1 243500112	-	T	21	chr1:243499718-243505334
## 683	chr1 243500113	-	T	21	chr1:243499718-243505334
## 684	chr1 243500114	-	T	19	chr1:243499718-243505334
## 685	chr1 243500115	-	T	19	chr1:243499718-243505334
## 686	chr1 243500116	-	A	19	chr1:243499718-243505334
## 687	chr1 243500117	-	T	17	chr1:243499718-243505334
## 688	chr1 243500118	-	C	17	chr1:243499718-243505334
## 689	chr1 243500119	-	T	17	chr1:243499718-243505334
## 690	chr1 243500120	-	T	17	chr1:243499718-243505334
## 691	chr1 243500121	-	G	17	chr1:243499718-243505334
## 692	chr1 243500122	-	T	17	chr1:243499718-243505334
## 693	chr1 243500123	-	A	17	chr1:243499718-243505334
## 694	chr1 243500124	-	G	12	chr1:243499718-243505334
## 695	chr1 243500125	-	T	11	chr1:243499718-243505334
## 696	chr1 243500126	-	G	11	chr1:243499718-243505334
## 697	chr1 243500127	-	A	11	chr1:243499718-243505334
## 698	chr1 243500128	-	T	11	chr1:243499718-243505334

## 699	chr1 243500129	-	G	11 chr1:243499718-243505334
## 700	chr1 243500130	-	A	11 chr1:243499718-243505334
## 701	chr1 243500131	-	A	11 chr1:243499718-243505334
## 702	chr1 243500132	-	C	10 chr1:243499718-243505334
## 703	chr1 243500133	-	A	6 chr1:243499718-243505334
## 704	chr1 243500134	-	A	6 chr1:243499718-243505334
## 705	chr1 243500135	-	A	6 chr1:243499718-243505334
## 706	chr1 243500136	-	A	6 chr1:243499718-243505334
## 707	chr1 243500137	-	C	5 chr1:243499718-243505334
## 708	chr1 243500138	-	A	5 chr1:243499718-243505334
## 709	chr1 243500139	-	C	5 chr1:243499718-243505334
## 710	chr1 243500140	-	A	5 chr1:243499718-243505334
## 711	chr1 243500141	-	C	5 chr1:243499718-243505334
## 712	chr1 243500142	-	C	6 chr1:243499718-243505334
## 713	chr1 243500143	-	A	6 chr1:243499718-243505334
## 714	chr1 243500144	-	A	6 chr1:243499718-243505334
## 715	chr1 243500145	-	A	6 chr1:243499718-243505334
## 716	chr1 243500146	-	A	6 chr1:243499718-243505334
## 717	chr1 243500147	-	A	6 chr1:243499718-243505334
## 718	chr1 243500148	-	G	6 chr1:243499718-243505334
## 719	chr1 243500149	-	G	4 chr1:243499718-243505334
## 720	chr1 243500150	-	C	4 chr1:243499718-243505334
## 721	chr1 243500151	-	A	4 chr1:243499718-243505334
## 722	chr1 243500152	-	C	4 chr1:243499718-243505334
## 723	chr1 243500153	-	A	4 chr1:243499718-243505334
## 724	chr1 243500154	-	T	4 chr1:243499718-243505334
## 725	chr1 243500155	-	A	4 chr1:243499718-243505334
## 726	chr1 243500156	-	T	4 chr1:243499718-243505334
## 727	chr1 243500157	-	T	4 chr1:243499718-243505334
## 728	chr1 243500158	-	T	4 chr1:243499718-243505334
## 729	chr1 243500159	-	T	4 chr1:243499718-243505334
## 730	chr1 243500160	-	A	4 chr1:243499718-243505334
## 731	chr1 243500161	-	A	4 chr1:243499718-243505334
## 732	chr1 243500162	-	C	4 chr1:243499718-243505334
## 733	chr1 243500163	-	T	4 chr1:243499718-243505334
## 734	chr1 243500164	-	A	4 chr1:243499718-243505334
## 735	chr1 243500165	-	G	3 chr1:243499718-243505334
## 736	chr1 243500166	-	G	3 chr1:243499718-243505334
## 737	chr1 243500167	-	C	3 chr1:243499718-243505334
## 738	chr1 243500168	-	C	3 chr1:243499718-243505334
## 739	chr1 243500169	-	A	3 chr1:243499718-243505334
## 740	chr1 243500170	-	A	3 chr1:243499718-243505334
## 741	chr1 243500171	-	A	3 chr1:243499718-243505334
## 742	chr1 243500172	-	G	3 chr1:243499718-243505334
## 743	chr1 243500173	-	T	3 chr1:243499718-243505334
## 744	chr1 243500174	-	A	3 chr1:243499718-243505334
## 745	chr1 243500175	-	T	3 chr1:243499718-243505334
## 746	chr1 243500176	-	A	1 chr1:243499718-243505334
## 747	chr1 243500177	-	T	1 chr1:243499718-243505334
## 748	chr1 243500178	-	T	1 chr1:243499718-243505334
## 749	chr1 243500179	-	A	1 chr1:243499718-243505334
## 750	chr1 243500180	-	A	1 chr1:243499718-243505334
## 751	chr1 243500181	-	G	1 chr1:243499718-243505334
## 752	chr1 243500182	-	G	1 chr1:243499718-243505334

## 753	chr1	243500183	-	A	1	chr1:243499718-243505334
## 754	chr1	243500184	-	C	1	chr1:243499718-243505334
## 755	chr1	243500185	-	C	1	chr1:243499718-243505334
## 756	chr1	243500186	-	A	1	chr1:243499718-243505334
## 757	chr1	243500187	-	A	1	chr1:243499718-243505334
## 758	chr1	243500188	-	A	1	chr1:243499718-243505334
## 759	chr1	243500189	-	C	1	chr1:243499718-243505334
## 760	chr1	243500190	-	T	1	chr1:243499718-243505334
## 761	chr1	243500191	-	T	1	chr1:243499718-243505334
## 762	chr1	243500192	-	T	1	chr1:243499718-243505334
## 763	chr1	243500193	-	T	1	chr1:243499718-243505334
## 764	chr1	243500194	-	T	1	chr1:243499718-243505334
## 765	chr1	243500195	-	T	1	chr1:243499718-243505334
## 766	chr1	243500196	-	T	1	chr1:243499718-243505334
## 767	chr1	243500197	-	C	1	chr1:243499718-243505334
## 768	chr1	243500198	-	C	1	chr1:243499718-243505334
## 769	chr1	243500199	-	T	1	chr1:243499718-243505334
## 770	chr1	243500200	-	G	1	chr1:243499718-243505334
## 771	chr1	243500201	-	C	1	chr1:243499718-243505334
## 772	chr1	243500202	-	C	1	chr1:243499718-243505334
## 773	chr1	243500203	-	A	1	chr1:243499718-243505334
## 774	chr1	243500204	-	T	1	chr1:243499718-243505334
## 775	chr1	243500205	-	T	1	chr1:243499718-243505334
## 776	chr1	243500206	-	C	1	chr1:243499718-243505334
## 777	chr1	243500207	-	A	1	chr1:243499718-243505334
## 778	chr1	243500208	-	T	1	chr1:243499718-243505334
## 779	chr1	243500209	-	T	1	chr1:243499718-243505334
## 780	chr1	243500210	-	T	1	chr1:243499718-243505334
## 781	chr1	243500211	-	T	1	chr1:243499718-243505334
## 782	chr1	243500212	-	T	1	chr1:243499718-243505334
## 783	chr1	243500213	-	C	1	chr1:243499718-243505334
## 784	chr1	243500214	-	T	1	chr1:243499718-243505334
## 785	chr1	243500215	-	T	1	chr1:243499718-243505334
## 786	chr1	243500216	-	T	1	chr1:243499718-243505334
## 787	chr1	243504964	+	G	2	chr1:243499718-243505334
## 788	chr1	243504965	+	G	2	chr1:243499718-243505334
## 789	chr1	243504966	+	T	2	chr1:243499718-243505334
## 790	chr1	243504967	+	T	2	chr1:243499718-243505334
## 791	chr1	243504968	+	G	2	chr1:243499718-243505334
## 792	chr1	243504969	+	G	2	chr1:243499718-243505334
## 793	chr1	243504970	+	A	2	chr1:243499718-243505334
## 794	chr1	243504971	+	A	2	chr1:243499718-243505334
## 795	chr1	243504972	+	A	2	chr1:243499718-243505334
## 796	chr1	243504973	+	A	2	chr1:243499718-243505334
## 797	chr1	243504974	+	T	2	chr1:243499718-243505334
## 798	chr1	243504975	+	T	2	chr1:243499718-243505334
## 799	chr1	243504976	+	A	2	chr1:243499718-243505334
## 800	chr1	243504977	+	C	2	chr1:243499718-243505334
## 801	chr1	243504978	+	T	2	chr1:243499718-243505334
## 802	chr1	243504979	+	T	2	chr1:243499718-243505334
## 803	chr1	243504980	+	C	2	chr1:243499718-243505334
## 804	chr1	243504981	+	T	2	chr1:243499718-243505334
## 805	chr1	243504982	+	T	2	chr1:243499718-243505334
## 806	chr1	243504983	+	A	2	chr1:243499718-243505334

## 807	chr1	243504984	+	A	2	chr1:243499718-243505334
## 808	chr1	243504985	+	A	2	chr1:243499718-243505334
## 809	chr1	243504986	+	G	2	chr1:243499718-243505334
## 810	chr1	243504987	+	T	2	chr1:243499718-243505334
## 811	chr1	243504988	+	T	2	chr1:243499718-243505334
## 812	chr1	243504989	+	G	2	chr1:243499718-243505334
## 813	chr1	243504990	+	C	2	chr1:243499718-243505334
## 814	chr1	243504991	+	T	2	chr1:243499718-243505334
## 815	chr1	243504992	+	A	2	chr1:243499718-243505334
## 816	chr1	243504993	+	T	2	chr1:243499718-243505334
## 817	chr1	243504994	+	A	2	chr1:243499718-243505334
## 818	chr1	243504995	+	A	2	chr1:243499718-243505334
## 819	chr1	243504996	+	T	2	chr1:243499718-243505334
## 820	chr1	243504997	+	A	2	chr1:243499718-243505334
## 821	chr1	243504998	+	G	2	chr1:243499718-243505334
## 822	chr1	243504999	+	T	2	chr1:243499718-243505334
## 823	chr1	243505000	+	A	2	chr1:243499718-243505334
## 824	chr1	243505001	+	A	3	chr1:243499718-243505334
## 825	chr1	243505002	+	G	3	chr1:243499718-243505334
## 826	chr1	243505003	+	A	3	chr1:243499718-243505334
## 827	chr1	243505004	+	C	3	chr1:243499718-243505334
## 828	chr1	243505005	+	A	3	chr1:243499718-243505334
## 829	chr1	243505006	+	G	3	chr1:243499718-243505334
## 830	chr1	243505007	+	T	3	chr1:243499718-243505334
## 831	chr1	243505008	+	A	3	chr1:243499718-243505334
## 832	chr1	243505009	+	G	3	chr1:243499718-243505334
## 833	chr1	243505010	+	C	3	chr1:243499718-243505334
## 834	chr1	243505011	+	A	3	chr1:243499718-243505334
## 835	chr1	243505012	+	G	4	chr1:243499718-243505334
## 836	chr1	243505013	+	C	4	chr1:243499718-243505334
## 837	chr1	243505014	+	A	4	chr1:243499718-243505334
## 838	chr1	243505015	+	A	5	chr1:243499718-243505334
## 839	chr1	243505016	+	C	5	chr1:243499718-243505334
## 840	chr1	243505017	+	A	5	chr1:243499718-243505334
## 841	chr1	243505018	+	G	5	chr1:243499718-243505334
## 842	chr1	243505019	+	C	5	chr1:243499718-243505334
## 843	chr1	243505020	+	A	5	chr1:243499718-243505334
## 844	chr1	243505021	+	T	5	chr1:243499718-243505334
## 845	chr1	243505022	+	G	5	chr1:243499718-243505334
## 846	chr1	243505023	+	A	7	chr1:243499718-243505334
## 847	chr1	243505024	+	G	7	chr1:243499718-243505334
## 848	chr1	243505025	+	A	7	chr1:243499718-243505334
## 849	chr1	243505026	+	C	7	chr1:243499718-243505334
## 850	chr1	243505027	+	C	7	chr1:243499718-243505334
## 851	chr1	243505028	+	T	7	chr1:243499718-243505334
## 852	chr1	243505029	+	T	7	chr1:243499718-243505334
## 853	chr1	243505030	+	A	7	chr1:243499718-243505334
## 854	chr1	243505031	+	G	7	chr1:243499718-243505334
## 855	chr1	243505032	+	A	7	chr1:243499718-243505334
## 856	chr1	243505033	+	C	7	chr1:243499718-243505334
## 857	chr1	243505034	+	T	7	chr1:243499718-243505334
## 858	chr1	243505035	+	G	7	chr1:243499718-243505334
## 859	chr1	243505036	+	A	7	chr1:243499718-243505334
## 860	chr1	243505037	+	G	7	chr1:243499718-243505334

## 861	chr1	243505038	+	A	7	chr1:243499718-243505334
## 862	chr1	243505039	+	T	10	chr1:243499718-243505334
## 863	chr1	243505040	+	A	10	chr1:243499718-243505334
## 864	chr1	243505041	+	C	10	chr1:243499718-243505334
## 865	chr1	243505042	+	A	11	chr1:243499718-243505334
## 866	chr1	243505043	+	A	14	chr1:243499718-243505334
## 867	chr1	243505044	+	T	14	chr1:243499718-243505334
## 868	chr1	243505045	+	T	14	chr1:243499718-243505334
## 869	chr1	243505046	+	T	14	chr1:243499718-243505334
## 870	chr1	243505047	+	C	14	chr1:243499718-243505334
## 871	chr1	243505048	+	A	14	chr1:243499718-243505334
## 872	chr1	243505049	+	T	17	chr1:243499718-243505334
## 873	chr1	243505050	+	G	20	chr1:243499718-243505334
## 874	chr1	243505051	+	C	20	chr1:243499718-243505334
## 875	chr1	243505052	+	A	21	chr1:243499718-243505334
## 876	chr1	243505053	+	A	23	chr1:243499718-243505334
## 877	chr1	243505054	+	A	23	chr1:243499718-243505334
## 878	chr1	243505055	+	A	23	chr1:243499718-243505334
## 879	chr1	243505056	+	A	23	chr1:243499718-243505334
## 880	chr1	243505057	+	C	25	chr1:243499718-243505334
## 881	chr1	243505058	+	A	25	chr1:243499718-243505334
## 882	chr1	243505059	+	A	25	chr1:243499718-243505334
## 883	chr1	243505060	+	A	25	chr1:243499718-243505334
## 884	chr1	243505061	+	A	25	chr1:243499718-243505334
## 885	chr1	243505062	+	A	25	chr1:243499718-243505334
## 886	chr1	243505063	+	C	25	chr1:243499718-243505334
## 887	chr1	243505064	+	T	25	chr1:243499718-243505334
## 888	chr1	243505065	+	G	25	chr1:243499718-243505334
## 889	chr1	243505066	+	G	29	chr1:243499718-243505334
## 890	chr1	243505067	+	A	32	chr1:243499718-243505334
## 891	chr1	243505068	+	G	34	chr1:243499718-243505334
## 892	chr1	243505069	+	T	34	chr1:243499718-243505334
## 893	chr1	243505070	+	G	34	chr1:243499718-243505334
## 894	chr1	243505071	+	T	34	chr1:243499718-243505334
## 895	chr1	243505072	+	A	34	chr1:243499718-243505334
## 896	chr1	243505073	+	T	34	chr1:243499718-243505334
## 897	chr1	243505074	+	T	34	chr1:243499718-243505334
## 898	chr1	243505075	+	T	36	chr1:243499718-243505334
## 899	chr1	243505076	+	G	35	chr1:243499718-243505334
## 900	chr1	243505077	+	C	35	chr1:243499718-243505334
## 901	chr1	243505078	+	G	35	chr1:243499718-243505334
## 902	chr1	243505079	+	T	40	chr1:243499718-243505334
## 903	chr1	243505080	+	G	40	chr1:243499718-243505334
## 904	chr1	243505081	+	T	43	chr1:243499718-243505334
## 905	chr1	243505082	+	A	45	chr1:243499718-243505334
## 906	chr1	243505083	+	T	48	chr1:243499718-243505334
## 907	chr1	243505084	+	G	48	chr1:243499718-243505334
## 908	chr1	243505085	+	T	49	chr1:243499718-243505334
## 909	chr1	243505086	+	G	49	chr1:243499718-243505334
## 910	chr1	243505087	+	T	48	chr1:243499718-243505334
## 911	chr1	243505088	+	G	48	chr1:243499718-243505334
## 912	chr1	243505089	+	T	48	chr1:243499718-243505334
## 913	chr1	243505090	+	T	54	chr1:243499718-243505334
## 914	chr1	243505091	+	T	55	chr1:243499718-243505334

## 915	chr1 243505092	+	T	56	chr1:243499718-243505334
## 916	chr1 243505093	+	C	56	chr1:243499718-243505334
## 917	chr1 243505094	+	A	56	chr1:243499718-243505334
## 918	chr1 243505095	+	T	56	chr1:243499718-243505334
## 919	chr1 243505096	+	G	60	chr1:243499718-243505334
## 920	chr1 243505097	+	A	61	chr1:243499718-243505334
## 921	chr1 243505098	+	G	60	chr1:243499718-243505334
## 922	chr1 243505099	+	G	60	chr1:243499718-243505334
## 923	chr1 243505100	+	G	60	chr1:243499718-243505334
## 924	chr1 243505101	+	T	60	chr1:243499718-243505334
## 925	chr1 243505102	+	G	60	chr1:243499718-243505334
## 926	chr1 243505103	+	A	66	chr1:243499718-243505334
## 927	chr1 243505104	+	A	69	chr1:243499718-243505334
## 928	chr1 243505105	+	A	76	chr1:243499718-243505334
## 929	chr1 243505106	+	G	78	chr1:243499718-243505334
## 930	chr1 243505107	+	G	80	chr1:243499718-243505334
## 931	chr1 243505108	+	C	1	chr1:243499718-243505334
## 932	chr1 243505108	+	G	1	chr1:243499718-243505334
## 933	chr1 243505108	+	T	78	chr1:243499718-243505334
## 934	chr1 243505109	+	G	78	chr1:243499718-243505334
## 935	chr1 243505109	+	T	4	chr1:243499718-243505334
## 936	chr1 243505110	+	G	82	chr1:243499718-243505334
## 937	chr1 243505111	+	C	92	chr1:243499718-243505334
## 938	chr1 243505112	+	G	94	chr1:243499718-243505334
## 939	chr1 243505113	+	A	98	chr1:243499718-243505334
## 940	chr1 243505114	+	G	95	chr1:243499718-243505334
## 941	chr1 243505115	+	G	97	chr1:243499718-243505334
## 942	chr1 243505116	+	G	99	chr1:243499718-243505334
## 943	chr1 243505117	+	G	97	chr1:243499718-243505334
## 944	chr1 243505118	+	T	95	chr1:243499718-243505334
## 945	chr1 243505119	+	G	97	chr1:243499718-243505334
## 946	chr1 243505120	+	A	98	chr1:243499718-243505334
## 947	chr1 243505121	+	G	105	chr1:243499718-243505334
## 948	chr1 243505122	+	G	105	chr1:243499718-243505334
## 949	chr1 243505123	+	A	109	chr1:243499718-243505334
## 950	chr1 243505124	+	C	110	chr1:243499718-243505334
## 951	chr1 243505125	+	C	108	chr1:243499718-243505334
## 952	chr1 243505126	+	C	109	chr1:243499718-243505334
## 953	chr1 243505127	+	T	108	chr1:243499718-243505334
## 954	chr1 243505128	+	T	106	chr1:243499718-243505334
## 955	chr1 243505129	+	G	106	chr1:243499718-243505334
## 956	chr1 243505130	+	G	109	chr1:243499718-243505334
## 957	chr1 243505131	+	C	111	chr1:243499718-243505334
## 958	chr1 243505131	-	C	1	chr1:243499718-243505334
## 959	chr1 243505132	+	T	112	chr1:243499718-243505334
## 960	chr1 243505132	-	T	1	chr1:243499718-243505334
## 961	chr1 243505133	+	G	114	chr1:243499718-243505334
## 962	chr1 243505133	-	G	1	chr1:243499718-243505334
## 963	chr1 243505134	+	G	114	chr1:243499718-243505334
## 964	chr1 243505134	-	G	1	chr1:243499718-243505334
## 965	chr1 243505135	+	T	117	chr1:243499718-243505334
## 966	chr1 243505135	-	T	1	chr1:243499718-243505334
## 967	chr1 243505136	+	A	1	chr1:243499718-243505334
## 968	chr1 243505136	+	C	118	chr1:243499718-243505334

## 969	chr1 243505136	-	C	1	chr1:243499718-243505334
## 970	chr1 243505137	+	T	122	chr1:243499718-243505334
## 971	chr1 243505137	-	T	1	chr1:243499718-243505334
## 972	chr1 243505138	+	G	125	chr1:243499718-243505334
## 973	chr1 243505138	-	G	1	chr1:243499718-243505334
## 974	chr1 243505139	+	G	128	chr1:243499718-243505334
## 975	chr1 243505139	-	G	1	chr1:243499718-243505334
## 976	chr1 243505140	+	G	128	chr1:243499718-243505334
## 977	chr1 243505140	-	G	1	chr1:243499718-243505334
## 978	chr1 243505141	+	A	124	chr1:243499718-243505334
## 979	chr1 243505141	-	A	1	chr1:243499718-243505334
## 980	chr1 243505142	+	T	121	chr1:243499718-243505334
## 981	chr1 243505142	-	T	1	chr1:243499718-243505334
## 982	chr1 243505143	+	G	130	chr1:243499718-243505334
## 983	chr1 243505143	-	G	1	chr1:243499718-243505334
## 984	chr1 243505144	+	T	130	chr1:243499718-243505334
## 985	chr1 243505144	-	T	1	chr1:243499718-243505334
## 986	chr1 243505145	+	C	131	chr1:243499718-243505334
## 987	chr1 243505145	-	C	1	chr1:243499718-243505334
## 988	chr1 243505146	+	G	136	chr1:243499718-243505334
## 989	chr1 243505146	-	G	1	chr1:243499718-243505334
## 990	chr1 243505147	+	G	136	chr1:243499718-243505334
## 991	chr1 243505147	-	G	1	chr1:243499718-243505334
## 992	chr1 243505148	+	A	136	chr1:243499718-243505334
## 993	chr1 243505148	-	A	1	chr1:243499718-243505334
## 994	chr1 243505149	+	A	136	chr1:243499718-243505334
## 995	chr1 243505149	-	A	1	chr1:243499718-243505334
## 996	chr1 243505150	+	G	136	chr1:243499718-243505334
## 997	chr1 243505150	-	G	1	chr1:243499718-243505334
## 998	chr1 243505151	+	G	139	chr1:243499718-243505334
## 999	chr1 243505151	-	G	1	chr1:243499718-243505334
## 1000	chr1 243505152	+	T	142	chr1:243499718-243505334
## 1001	chr1 243505152	-	T	1	chr1:243499718-243505334
## 1002	chr1 243505153	+	G	142	chr1:243499718-243505334
## 1003	chr1 243505153	-	G	1	chr1:243499718-243505334
## 1004	chr1 243505154	+	C	137	chr1:243499718-243505334
## 1005	chr1 243505154	-	C	1	chr1:243499718-243505334
## 1006	chr1 243505155	+	C	137	chr1:243499718-243505334
## 1007	chr1 243505155	-	C	1	chr1:243499718-243505334
## 1008	chr1 243505156	+	C	138	chr1:243499718-243505334
## 1009	chr1 243505156	-	C	1	chr1:243499718-243505334
## 1010	chr1 243505157	+	C	135	chr1:243499718-243505334
## 1011	chr1 243505157	-	C	1	chr1:243499718-243505334
## 1012	chr1 243505158	+	T	133	chr1:243499718-243505334
## 1013	chr1 243505158	-	T	1	chr1:243499718-243505334
## 1014	chr1 243505159	+	G	133	chr1:243499718-243505334
## 1015	chr1 243505159	-	G	1	chr1:243499718-243505334
## 1016	chr1 243505160	+	C	136	chr1:243499718-243505334
## 1017	chr1 243505160	-	C	1	chr1:243499718-243505334
## 1018	chr1 243505161	+	T	139	chr1:243499718-243505334
## 1019	chr1 243505161	-	T	1	chr1:243499718-243505334
## 1020	chr1 243505162	+	A	143	chr1:243499718-243505334
## 1021	chr1 243505162	-	A	1	chr1:243499718-243505334
## 1022	chr1 243505163	+	T	150	chr1:243499718-243505334

## 1023	chr1 243505163	-	T	1	chr1:243499718-243505334
## 1024	chr1 243505164	+	G	153	chr1:243499718-243505334
## 1025	chr1 243505164	-	G	2	chr1:243499718-243505334
## 1026	chr1 243505165	+	T	149	chr1:243499718-243505334
## 1027	chr1 243505165	-	T	2	chr1:243499718-243505334
## 1028	chr1 243505166	+	G	150	chr1:243499718-243505334
## 1029	chr1 243505166	-	G	2	chr1:243499718-243505334
## 1030	chr1 243505167	+	T	149	chr1:243499718-243505334
## 1031	chr1 243505167	-	T	2	chr1:243499718-243505334
## 1032	chr1 243505168	+	A	147	chr1:243499718-243505334
## 1033	chr1 243505168	-	A	2	chr1:243499718-243505334
## 1034	chr1 243505168	+	T	3	chr1:243499718-243505334
## 1035	chr1 243505169	+	A	150	chr1:243499718-243505334
## 1036	chr1 243505169	-	A	2	chr1:243499718-243505334
## 1037	chr1 243505170	+	G	151	chr1:243499718-243505334
## 1038	chr1 243505170	-	G	2	chr1:243499718-243505334
## 1039	chr1 243505171	+	A	155	chr1:243499718-243505334
## 1040	chr1 243505171	-	A	3	chr1:243499718-243505334
## 1041	chr1 243505172	+	G	162	chr1:243499718-243505334
## 1042	chr1 243505172	-	G	6	chr1:243499718-243505334
## 1043	chr1 243505173	+	C	161	chr1:243499718-243505334
## 1044	chr1 243505173	-	C	6	chr1:243499718-243505334
## 1045	chr1 243505174	+	T	165	chr1:243499718-243505334
## 1046	chr1 243505174	-	T	6	chr1:243499718-243505334
## 1047	chr1 243505175	+	A	169	chr1:243499718-243505334
## 1048	chr1 243505175	-	A	6	chr1:243499718-243505334
## 1049	chr1 243505176	+	G	176	chr1:243499718-243505334
## 1050	chr1 243505176	-	G	6	chr1:243499718-243505334
## 1051	chr1 243505177	+	G	176	chr1:243499718-243505334
## 1052	chr1 243505177	-	G	7	chr1:243499718-243505334
## 1053	chr1 243505177	+	T	2	chr1:243499718-243505334
## 1054	chr1 243505178	+	A	176	chr1:243499718-243505334
## 1055	chr1 243505178	-	A	7	chr1:243499718-243505334
## 1056	chr1 243505179	+	C	181	chr1:243499718-243505334
## 1057	chr1 243505179	-	C	7	chr1:243499718-243505334
## 1058	chr1 243505180	+	T	177	chr1:243499718-243505334
## 1059	chr1 243505180	-	T	7	chr1:243499718-243505334
## 1060	chr1 243505181	+	G	181	chr1:243499718-243505334
## 1061	chr1 243505181	-	G	8	chr1:243499718-243505334
## 1062	chr1 243505182	+	G	191	chr1:243499718-243505334
## 1063	chr1 243505182	-	G	8	chr1:243499718-243505334
## 1064	chr1 243505183	+	T	192	chr1:243499718-243505334
## 1065	chr1 243505183	-	T	9	chr1:243499718-243505334
## 1066	chr1 243505184	+	G	190	chr1:243499718-243505334
## 1067	chr1 243505184	-	G	10	chr1:243499718-243505334
## 1068	chr1 243505185	+	A	192	chr1:243499718-243505334
## 1069	chr1 243505185	-	A	10	chr1:243499718-243505334
## 1070	chr1 243505186	+	T	198	chr1:243499718-243505334
## 1071	chr1 243505186	-	T	11	chr1:243499718-243505334
## 1072	chr1 243505187	+	G	199	chr1:243499718-243505334
## 1073	chr1 243505187	-	G	12	chr1:243499718-243505334
## 1074	chr1 243505188	+	G	1	chr1:243499718-243505334
## 1075	chr1 243505188	+	T	197	chr1:243499718-243505334
## 1076	chr1 243505188	-	T	13	chr1:243499718-243505334

## 1077	chr1 243505189	+	C	199	chr1:243499718-243505334
## 1078	chr1 243505189	-	C	14	chr1:243499718-243505334
## 1079	chr1 243505190	+	C	200	chr1:243499718-243505334
## 1080	chr1 243505190	-	C	14	chr1:243499718-243505334
## 1081	chr1 243505191	+	A	201	chr1:243499718-243505334
## 1082	chr1 243505191	-	A	15	chr1:243499718-243505334
## 1083	chr1 243505192	+	G	207	chr1:243499718-243505334
## 1084	chr1 243505192	-	G	16	chr1:243499718-243505334
## 1085	chr1 243505193	+	G	213	chr1:243499718-243505334
## 1086	chr1 243505193	-	G	16	chr1:243499718-243505334
## 1087	chr1 243505194	+	A	222	chr1:243499718-243505334
## 1088	chr1 243505194	-	A	17	chr1:243499718-243505334
## 1089	chr1 243505195	+	A	232	chr1:243499718-243505334
## 1090	chr1 243505195	-	A	17	chr1:243499718-243505334
## 1091	chr1 243505195	+	G	1	chr1:243499718-243505334
## 1092	chr1 243505196	+	T	227	chr1:243499718-243505334
## 1093	chr1 243505196	-	T	17	chr1:243499718-243505334
## 1094	chr1 243505197	-	A	1	chr1:243499718-243505334
## 1095	chr1 243505197	+	C	229	chr1:243499718-243505334
## 1096	chr1 243505197	-	C	21	chr1:243499718-243505334
## 1097	chr1 243505198	+	A	224	chr1:243499718-243505334
## 1098	chr1 243505198	-	A	22	chr1:243499718-243505334
## 1099	chr1 243505198	+	G	1	chr1:243499718-243505334
## 1100	chr1 243505199	+	T	226	chr1:243499718-243505334
## 1101	chr1 243505199	-	T	22	chr1:243499718-243505334
## 1102	chr1 243505200	+	T	228	chr1:243499718-243505334
## 1103	chr1 243505200	-	T	22	chr1:243499718-243505334
## 1104	chr1 243505201	+	T	228	chr1:243499718-243505334
## 1105	chr1 243505201	-	T	22	chr1:243499718-243505334
## 1106	chr1 243505202	+	A	1	chr1:243499718-243505334
## 1107	chr1 243505202	-	G	1	chr1:243499718-243505334
## 1108	chr1 243505202	+	T	228	chr1:243499718-243505334
## 1109	chr1 243505202	-	T	21	chr1:243499718-243505334
## 1110	chr1 243505203	-	A	1	chr1:243499718-243505334
## 1111	chr1 243505203	+	C	230	chr1:243499718-243505334
## 1112	chr1 243505203	-	C	21	chr1:243499718-243505334
## 1113	chr1 243505204	+	A	231	chr1:243499718-243505334
## 1114	chr1 243505204	-	A	22	chr1:243499718-243505334
## 1115	chr1 243505205	+	G	229	chr1:243499718-243505334
## 1116	chr1 243505205	-	G	22	chr1:243499718-243505334
## 1117	chr1 243505206	+	T	228	chr1:243499718-243505334
## 1118	chr1 243505206	-	T	21	chr1:243499718-243505334
## 1119	chr1 243505207	+	A	227	chr1:243499718-243505334
## 1120	chr1 243505207	-	A	21	chr1:243499718-243505334
## 1121	chr1 243505208	+	A	228	chr1:243499718-243505334
## 1122	chr1 243505208	-	A	21	chr1:243499718-243505334
## 1123	chr1 243505209	+	T	230	chr1:243499718-243505334
## 1124	chr1 243505209	-	T	21	chr1:243499718-243505334
## 1125	chr1 243505210	+	A	228	chr1:243499718-243505334
## 1126	chr1 243505210	-	A	21	chr1:243499718-243505334
## 1127	chr1 243505211	+	A	228	chr1:243499718-243505334
## 1128	chr1 243505211	-	A	21	chr1:243499718-243505334
## 1129	chr1 243505212	+	A	227	chr1:243499718-243505334
## 1130	chr1 243505212	-	A	21	chr1:243499718-243505334

## 1131	chr1 243505213	+	T	227	chr1:243499718-243505334
## 1132	chr1 243505213	-	T	21	chr1:243499718-243505334
## 1133	chr1 243505214	+	T	227	chr1:243499718-243505334
## 1134	chr1 243505214	-	T	21	chr1:243499718-243505334
## 1135	chr1 243505215	+	G	230	chr1:243499718-243505334
## 1136	chr1 243505215	-	G	21	chr1:243499718-243505334
## 1137	chr1 243505216	+	A	231	chr1:243499718-243505334
## 1138	chr1 243505216	-	A	21	chr1:243499718-243505334
## 1139	chr1 243505217	+	A	232	chr1:243499718-243505334
## 1140	chr1 243505217	-	A	21	chr1:243499718-243505334
## 1141	chr1 243505218	+	G	223	chr1:243499718-243505334
## 1142	chr1 243505218	-	G	21	chr1:243499718-243505334
## 1143	chr1 243505219	+	A	228	chr1:243499718-243505334
## 1144	chr1 243505219	-	A	22	chr1:243499718-243505334
## 1145	chr1 243505220	+	T	228	chr1:243499718-243505334
## 1146	chr1 243505220	-	T	22	chr1:243499718-243505334
## 1147	chr1 243505221	+	G	224	chr1:243499718-243505334
## 1148	chr1 243505221	-	G	22	chr1:243499718-243505334
## 1149	chr1 243505222	+	A	228	chr1:243499718-243505334
## 1150	chr1 243505222	-	A	22	chr1:243499718-243505334
## 1151	chr1 243505222	+	G	1	chr1:243499718-243505334
## 1152	chr1 243505223	+	C	229	chr1:243499718-243505334
## 1153	chr1 243505223	-	C	22	chr1:243499718-243505334
## 1154	chr1 243505224	+	A	230	chr1:243499718-243505334
## 1155	chr1 243505224	-	A	22	chr1:243499718-243505334
## 1156	chr1 243505225	+	G	229	chr1:243499718-243505334
## 1157	chr1 243505225	-	G	22	chr1:243499718-243505334
## 1158	chr1 243505226	+	A	1	chr1:243499718-243505334
## 1159	chr1 243505226	+	T	225	chr1:243499718-243505334
## 1160	chr1 243505226	-	T	23	chr1:243499718-243505334
## 1161	chr1 243505227	+	G	225	chr1:243499718-243505334
## 1162	chr1 243505227	-	G	23	chr1:243499718-243505334
## 1163	chr1 243505228	+	A	228	chr1:243499718-243505334
## 1164	chr1 243505228	-	A	23	chr1:243499718-243505334
## 1165	chr1 243505229	+	A	229	chr1:243499718-243505334
## 1166	chr1 243505229	-	A	23	chr1:243499718-243505334
## 1167	chr1 243505230	+	G	230	chr1:243499718-243505334
## 1168	chr1 243505230	-	G	23	chr1:243499718-243505334
## 1169	chr1 243505231	+	T	227	chr1:243499718-243505334
## 1170	chr1 243505231	-	T	23	chr1:243499718-243505334
## 1171	chr1 243505232	+	A	228	chr1:243499718-243505334
## 1172	chr1 243505232	-	A	23	chr1:243499718-243505334
## 1173	chr1 243505233	+	G	229	chr1:243499718-243505334
## 1174	chr1 243505233	-	G	23	chr1:243499718-243505334
## 1175	chr1 243505234	+	C	229	chr1:243499718-243505334
## 1176	chr1 243505234	-	C	23	chr1:243499718-243505334
## 1177	chr1 243505234	+	T	1	chr1:243499718-243505334
## 1178	chr1 243505235	+	A	227	chr1:243499718-243505334
## 1179	chr1 243505235	-	A	23	chr1:243499718-243505334
## 1180	chr1 243505236	+	G	224	chr1:243499718-243505334
## 1181	chr1 243505236	-	G	23	chr1:243499718-243505334
## 1182	chr1 243505236	+	T	1	chr1:243499718-243505334
## 1183	chr1 243505237	+	A	224	chr1:243499718-243505334
## 1184	chr1 243505237	-	A	23	chr1:243499718-243505334

## 1185	chr1	243505238	+	A	221	chr1:243499718-243505334
## 1186	chr1	243505238	-	A	23	chr1:243499718-243505334
## 1187	chr1	243505239	+	T	225	chr1:243499718-243505334
## 1188	chr1	243505239	-	T	22	chr1:243499718-243505334
## 1189	chr1	243505240	+	G	226	chr1:243499718-243505334
## 1190	chr1	243505240	-	G	22	chr1:243499718-243505334
## 1191	chr1	243505241	+	A	225	chr1:243499718-243505334
## 1192	chr1	243505241	-	A	24	chr1:243499718-243505334
## 1193	chr1	243505242	+	A	225	chr1:243499718-243505334
## 1194	chr1	243505242	-	A	25	chr1:243499718-243505334
## 1195	chr1	243505243	+	A	226	chr1:243499718-243505334
## 1196	chr1	243505243	-	A	25	chr1:243499718-243505334
## 1197	chr1	243505244	+	G	227	chr1:243499718-243505334
## 1198	chr1	243505244	-	G	25	chr1:243499718-243505334
## 1199	chr1	243505245	+	A	227	chr1:243499718-243505334
## 1200	chr1	243505245	-	A	25	chr1:243499718-243505334
## 1201	chr1	243505246	+	G	220	chr1:243499718-243505334
## 1202	chr1	243505246	-	G	24	chr1:243499718-243505334
## 1203	chr1	243505247	+	A	212	chr1:243499718-243505334
## 1204	chr1	243505247	-	A	28	chr1:243499718-243505334
## 1205	chr1	243505248	+	C	223	chr1:243499718-243505334
## 1206	chr1	243505248	-	C	28	chr1:243499718-243505334
## 1207	chr1	243505249	+	T	220	chr1:243499718-243505334
## 1208	chr1	243505249	-	T	28	chr1:243499718-243505334
## 1209	chr1	243505250	+	T	218	chr1:243499718-243505334
## 1210	chr1	243505250	-	T	28	chr1:243499718-243505334
## 1211	chr1	243505251	+	A	216	chr1:243499718-243505334
## 1212	chr1	243505251	-	A	28	chr1:243499718-243505334
## 1213	chr1	243505252	+	T	221	chr1:243499718-243505334
## 1214	chr1	243505252	-	T	27	chr1:243499718-243505334
## 1215	chr1	243505253	+	T	220	chr1:243499718-243505334
## 1216	chr1	243505253	-	T	28	chr1:243499718-243505334
## 1217	chr1	243505254	+	C	214	chr1:243499718-243505334
## 1218	chr1	243505254	-	C	28	chr1:243499718-243505334
## 1219	chr1	243505255	+	T	211	chr1:243499718-243505334
## 1220	chr1	243505255	-	T	37	chr1:243499718-243505334
## 1221	chr1	243505256	+	C	208	chr1:243499718-243505334
## 1222	chr1	243505256	-	C	36	chr1:243499718-243505334
## 1223	chr1	243505257	+	A	1	chr1:243499718-243505334
## 1224	chr1	243505257	+	G	202	chr1:243499718-243505334
## 1225	chr1	243505257	-	G	36	chr1:243499718-243505334
## 1226	chr1	243505258	+	T	207	chr1:243499718-243505334
## 1227	chr1	243505258	-	T	36	chr1:243499718-243505334
## 1228	chr1	243505259	+	C	211	chr1:243499718-243505334
## 1229	chr1	243505259	-	C	36	chr1:243499718-243505334
## 1230	chr1	243505260	+	C	213	chr1:243499718-243505334
## 1231	chr1	243505260	-	C	36	chr1:243499718-243505334
## 1232	chr1	243505261	+	A	199	chr1:243499718-243505334
## 1233	chr1	243505261	-	A	35	chr1:243499718-243505334
## 1234	chr1	243505262	+	C	202	chr1:243499718-243505334
## 1235	chr1	243505262	-	C	34	chr1:243499718-243505334
## 1236	chr1	243505263	+	T	201	chr1:243499718-243505334
## 1237	chr1	243505263	-	T	34	chr1:243499718-243505334
## 1238	chr1	243505264	+	T	199	chr1:243499718-243505334

## 1239	chr1 243505264	-	T	44	chr1:243499718-243505334
## 1240	chr1 243505265	+	G	204	chr1:243499718-243505334
## 1241	chr1 243505265	-	G	44	chr1:243499718-243505334
## 1242	chr1 243505266	+	C	203	chr1:243499718-243505334
## 1243	chr1 243505266	-	C	44	chr1:243499718-243505334
## 1244	chr1 243505267	+	A	202	chr1:243499718-243505334
## 1245	chr1 243505267	-	A	43	chr1:243499718-243505334
## 1246	chr1 243505268	+	G	195	chr1:243499718-243505334
## 1247	chr1 243505268	-	G	46	chr1:243499718-243505334
## 1248	chr1 243505269	+	A	185	chr1:243499718-243505334
## 1249	chr1 243505269	-	A	48	chr1:243499718-243505334
## 1250	chr1 243505270	-	A	1	chr1:243499718-243505334
## 1251	chr1 243505270	+	G	179	chr1:243499718-243505334
## 1252	chr1 243505270	-	G	47	chr1:243499718-243505334
## 1253	chr1 243505271	+	T	183	chr1:243499718-243505334
## 1254	chr1 243505271	-	T	49	chr1:243499718-243505334
## 1255	chr1 243505272	+	A	181	chr1:243499718-243505334
## 1256	chr1 243505272	-	A	48	chr1:243499718-243505334
## 1257	chr1 243505273	+	G	181	chr1:243499718-243505334
## 1258	chr1 243505273	-	G	54	chr1:243499718-243505334
## 1259	chr1 243505274	+	G	180	chr1:243499718-243505334
## 1260	chr1 243505274	-	G	67	chr1:243499718-243505334
## 1261	chr1 243505275	+	A	181	chr1:243499718-243505334
## 1262	chr1 243505275	-	A	67	chr1:243499718-243505334
## 1263	chr1 243505276	+	A	183	chr1:243499718-243505334
## 1264	chr1 243505276	-	A	67	chr1:243499718-243505334
## 1265	chr1 243505277	+	A	183	chr1:243499718-243505334
## 1266	chr1 243505277	-	A	67	chr1:243499718-243505334
## 1267	chr1 243505278	+	A	182	chr1:243499718-243505334
## 1268	chr1 243505278	-	A	68	chr1:243499718-243505334
## 1269	chr1 243505279	+	T	182	chr1:243499718-243505334
## 1270	chr1 243505279	-	T	68	chr1:243499718-243505334
## 1271	chr1 243505280	+	T	182	chr1:243499718-243505334
## 1272	chr1 243505280	-	T	68	chr1:243499718-243505334
## 1273	chr1 243505281	+	C	1	chr1:243499718-243505334
## 1274	chr1 243505281	+	G	181	chr1:243499718-243505334
## 1275	chr1 243505281	-	G	68	chr1:243499718-243505334
## 1276	chr1 243505282	+	A	180	chr1:243499718-243505334
## 1277	chr1 243505282	-	A	69	chr1:243499718-243505334
## 1278	chr1 243505283	+	G	177	chr1:243499718-243505334
## 1279	chr1 243505283	-	G	70	chr1:243499718-243505334
## 1280	chr1 243505284	+	A	1	chr1:243499718-243505334
## 1281	chr1 243505284	+	G	175	chr1:243499718-243505334
## 1282	chr1 243505284	-	G	71	chr1:243499718-243505334
## 1283	chr1 243505284	+	T	1	chr1:243499718-243505334
## 1284	chr1 243505285	+	G	179	chr1:243499718-243505334
## 1285	chr1 243505285	-	G	71	chr1:243499718-243505334
## 1286	chr1 243505286	+	A	178	chr1:243499718-243505334
## 1287	chr1 243505286	-	A	71	chr1:243499718-243505334
## 1288	chr1 243505287	+	A	178	chr1:243499718-243505334
## 1289	chr1 243505287	-	A	71	chr1:243499718-243505334
## 1290	chr1 243505288	+	A	177	chr1:243499718-243505334
## 1291	chr1 243505288	-	A	71	chr1:243499718-243505334
## 1292	chr1 243505289	+	T	174	chr1:243499718-243505334

## 1293	chr1 243505289	-	T	74	chr1:243499718-243505334
## 1294	chr1 243505290	+	G	174	chr1:243499718-243505334
## 1295	chr1 243505290	-	G	74	chr1:243499718-243505334
## 1296	chr1 243505291	+	C	172	chr1:243499718-243505334
## 1297	chr1 243505291	-	C	77	chr1:243499718-243505334
## 1298	chr1 243505291	+	T	1	chr1:243499718-243505334
## 1299	chr1 243505292	+	G	173	chr1:243499718-243505334
## 1300	chr1 243505292	-	G	77	chr1:243499718-243505334
## 1301	chr1 243505293	+	G	172	chr1:243499718-243505334
## 1302	chr1 243505293	-	G	77	chr1:243499718-243505334
## 1303	chr1 243505294	+	C	170	chr1:243499718-243505334
## 1304	chr1 243505294	-	C	76	chr1:243499718-243505334
## 1305	chr1 243505295	+	C	173	chr1:243499718-243505334
## 1306	chr1 243505295	-	C	77	chr1:243499718-243505334
## 1307	chr1 243505296	+	G	173	chr1:243499718-243505334
## 1308	chr1 243505296	-	G	77	chr1:243499718-243505334
## 1309	chr1 243505297	+	C	169	chr1:243499718-243505334
## 1310	chr1 243505297	-	C	77	chr1:243499718-243505334
## 1311	chr1 243505298	+	C	170	chr1:243499718-243505334
## 1312	chr1 243505298	-	C	81	chr1:243499718-243505334
## 1313	chr1 243505299	+	T	170	chr1:243499718-243505334
## 1314	chr1 243505299	-	T	81	chr1:243499718-243505334
## 1315	chr1 243505300	+	C	169	chr1:243499718-243505334
## 1316	chr1 243505300	-	C	81	chr1:243499718-243505334
## 1317	chr1 243505300	+	T	1	chr1:243499718-243505334
## 1318	chr1 243505301	+	T	171	chr1:243499718-243505334
## 1319	chr1 243505301	-	T	80	chr1:243499718-243505334
## 1320	chr1 243505302	+	C	170	chr1:243499718-243505334
## 1321	chr1 243505302	-	C	80	chr1:243499718-243505334
## 1322	chr1 243505303	+	A	167	chr1:243499718-243505334
## 1323	chr1 243505303	-	A	80	chr1:243499718-243505334
## 1324	chr1 243505304	+	T	166	chr1:243499718-243505334
## 1325	chr1 243505304	-	T	82	chr1:243499718-243505334
## 1326	chr1 243505305	+	T	165	chr1:243499718-243505334
## 1327	chr1 243505305	-	T	82	chr1:243499718-243505334
## 1328	chr1 243505306	+	G	164	chr1:243499718-243505334
## 1329	chr1 243505306	-	G	86	chr1:243499718-243505334
## 1330	chr1 243505307	+	T	164	chr1:243499718-243505334
## 1331	chr1 243505307	-	T	86	chr1:243499718-243505334
## 1332	chr1 243505308	+	C	163	chr1:243499718-243505334
## 1333	chr1 243505308	-	C	86	chr1:243499718-243505334
## 1334	chr1 243505308	-	T	1	chr1:243499718-243505334
## 1335	chr1 243505309	+	C	164	chr1:243499718-243505334
## 1336	chr1 243505309	-	C	87	chr1:243499718-243505334
## 1337	chr1 243505310	+	A	163	chr1:243499718-243505334
## 1338	chr1 243505310	-	A	88	chr1:243499718-243505334
## 1339	chr1 243505311	-	A	1	chr1:243499718-243505334
## 1340	chr1 243505311	+	T	163	chr1:243499718-243505334
## 1341	chr1 243505311	-	T	87	chr1:243499718-243505334
## 1342	chr1 243505312	+	C	1	chr1:243499718-243505334
## 1343	chr1 243505312	+	G	159	chr1:243499718-243505334
## 1344	chr1 243505312	-	G	89	chr1:243499718-243505334
## 1345	chr1 243505313	+	C	156	chr1:243499718-243505334
## 1346	chr1 243505313	-	C	91	chr1:243499718-243505334

## 1347	chr1 243505314	+	A	149	chr1:243499718-243505334
## 1348	chr1 243505314	-	A	95	chr1:243499718-243505334
## 1349	chr1 243505315	+	G	145	chr1:243499718-243505334
## 1350	chr1 243505315	-	G	99	chr1:243499718-243505334
## 1351	chr1 243505316	+	T	145	chr1:243499718-243505334
## 1352	chr1 243505316	-	T	102	chr1:243499718-243505334
## 1353	chr1 243505317	+	C	145	chr1:243499718-243505334
## 1354	chr1 243505317	-	C	102	chr1:243499718-243505334
## 1355	chr1 243505318	+	C	144	chr1:243499718-243505334
## 1356	chr1 243505318	-	C	104	chr1:243499718-243505334
## 1357	chr1 243505319	+	A	143	chr1:243499718-243505334
## 1358	chr1 243505319	-	A	104	chr1:243499718-243505334
## 1359	chr1 243505320	+	T	143	chr1:243499718-243505334
## 1360	chr1 243505320	-	T	105	chr1:243499718-243505334
## 1361	chr1 243505321	+	A	140	chr1:243499718-243505334
## 1362	chr1 243505321	-	A	107	chr1:243499718-243505334
## 1363	chr1 243505321	+	C	1	chr1:243499718-243505334
## 1364	chr1 243505321	-	C	1	chr1:243499718-243505334
## 1365	chr1 243505321	+	T	1	chr1:243499718-243505334
## 1366	chr1 243505322	+	C	141	chr1:243499718-243505334
## 1367	chr1 243505322	-	C	102	chr1:243499718-243505334
## 1368	chr1 243505323	+	C	129	chr1:243499718-243505334
## 1369	chr1 243505323	-	C	105	chr1:243499718-243505334
## 1370	chr1 243505324	+	A	129	chr1:243499718-243505334
## 1371	chr1 243505324	-	A	110	chr1:243499718-243505334
## 1372	chr1 243505325	+	T	126	chr1:243499718-243505334
## 1373	chr1 243505325	-	T	116	chr1:243499718-243505334
## 1374	chr1 243505326	+	C	121	chr1:243499718-243505334
## 1375	chr1 243505326	-	C	116	chr1:243499718-243505334
## 1376	chr1 243505327	+	C	114	chr1:243499718-243505334
## 1377	chr1 243505327	-	C	123	chr1:243499718-243505334
## 1378	chr1 243505328	+	T	112	chr1:243499718-243505334
## 1379	chr1 243505328	-	T	128	chr1:243499718-243505334
## 1380	chr1 243505329	+	C	109	chr1:243499718-243505334
## 1381	chr1 243505329	-	C	139	chr1:243499718-243505334
## 1382	chr1 243505330	+	A	109	chr1:243499718-243505334
## 1383	chr1 243505330	-	A	133	chr1:243499718-243505334
## 1384	chr1 243505331	+	T	107	chr1:243499718-243505334
## 1385	chr1 243505331	-	T	138	chr1:243499718-243505334
## 1386	chr1 243505332	+	C	101	chr1:243499718-243505334
## 1387	chr1 243505332	-	C	140	chr1:243499718-243505334
## 1388	chr1 243505333	+	A	96	chr1:243499718-243505334
## 1389	chr1 243505333	-	A	142	chr1:243499718-243505334
## 1390	chr1 243505334	+	T	92	chr1:243499718-243505334
## 1391	chr1 243505334	-	T	153	chr1:243499718-243505334
## 1392	chr1 243512323	+	C	33	chr1:243512323-243512426
## 1393	chr1 243512323	-	C	2	chr1:243512323-243512426
## 1394	chr1 243512324	+	A	33	chr1:243512323-243512426
## 1395	chr1 243512324	-	A	2	chr1:243512323-243512426
## 1396	chr1 243512325	+	T	33	chr1:243512323-243512426
## 1397	chr1 243512325	-	T	2	chr1:243512323-243512426
## 1398	chr1 243512326	+	T	33	chr1:243512323-243512426
## 1399	chr1 243512326	-	T	2	chr1:243512323-243512426
## 1400	chr1 243512327	+	T	33	chr1:243512323-243512426

## 1401	chr1	243512327	-	T	2	chr1:243512323-243512426
## 1402	chr1	243512328	+	T	34	chr1:243512323-243512426
## 1403	chr1	243512328	-	T	2	chr1:243512323-243512426
## 1404	chr1	243512329	+	T	34	chr1:243512323-243512426
## 1405	chr1	243512329	-	T	2	chr1:243512323-243512426
## 1406	chr1	243512330	+	C	37	chr1:243512323-243512426
## 1407	chr1	243512330	-	C	2	chr1:243512323-243512426
## 1408	chr1	243512331	+	A	36	chr1:243512323-243512426
## 1409	chr1	243512331	-	A	2	chr1:243512323-243512426
## 1410	chr1	243512332	+	G	37	chr1:243512323-243512426
## 1411	chr1	243512332	-	G	2	chr1:243512323-243512426
## 1412	chr1	243512333	+	G	37	chr1:243512323-243512426
## 1413	chr1	243512333	-	G	2	chr1:243512323-243512426
## 1414	chr1	243512334	+	T	37	chr1:243512323-243512426
## 1415	chr1	243512334	-	T	2	chr1:243512323-243512426
## 1416	chr1	243512335	+	G	37	chr1:243512323-243512426
## 1417	chr1	243512335	-	G	2	chr1:243512323-243512426
## 1418	chr1	243512336	+	G	36	chr1:243512323-243512426
## 1419	chr1	243512336	-	G	2	chr1:243512323-243512426
## 1420	chr1	243512337	+	T	35	chr1:243512323-243512426
## 1421	chr1	243512337	-	T	4	chr1:243512323-243512426
## 1422	chr1	243512338	+	G	34	chr1:243512323-243512426
## 1423	chr1	243512338	-	G	4	chr1:243512323-243512426
## 1424	chr1	243512339	+	T	34	chr1:243512323-243512426
## 1425	chr1	243512339	-	T	4	chr1:243512323-243512426
## 1426	chr1	243512340	+	T	39	chr1:243512323-243512426
## 1427	chr1	243512340	-	T	4	chr1:243512323-243512426
## 1428	chr1	243512341	+	A	42	chr1:243512323-243512426
## 1429	chr1	243512341	-	A	4	chr1:243512323-243512426
## 1430	chr1	243512342	+	T	46	chr1:243512323-243512426
## 1431	chr1	243512342	-	T	4	chr1:243512323-243512426
## 1432	chr1	243512343	+	T	46	chr1:243512323-243512426
## 1433	chr1	243512343	-	T	4	chr1:243512323-243512426
## 1434	chr1	243512344	+	G	46	chr1:243512323-243512426
## 1435	chr1	243512344	-	G	4	chr1:243512323-243512426
## 1436	chr1	243512345	+	T	46	chr1:243512323-243512426
## 1437	chr1	243512345	-	T	5	chr1:243512323-243512426
## 1438	chr1	243512346	+	A	47	chr1:243512323-243512426
## 1439	chr1	243512346	-	A	5	chr1:243512323-243512426
## 1440	chr1	243512347	+	A	47	chr1:243512323-243512426
## 1441	chr1	243512347	-	A	5	chr1:243512323-243512426
## 1442	chr1	243512348	+	T	47	chr1:243512323-243512426
## 1443	chr1	243512348	-	T	6	chr1:243512323-243512426
## 1444	chr1	243512349	+	A	47	chr1:243512323-243512426
## 1445	chr1	243512349	-	A	6	chr1:243512323-243512426
## 1446	chr1	243512350	+	G	48	chr1:243512323-243512426
## 1447	chr1	243512350	-	G	7	chr1:243512323-243512426
## 1448	chr1	243512351	+	T	50	chr1:243512323-243512426
## 1449	chr1	243512351	-	T	7	chr1:243512323-243512426
## 1450	chr1	243512352	+	C	52	chr1:243512323-243512426
## 1451	chr1	243512352	-	C	7	chr1:243512323-243512426
## 1452	chr1	243512353	+	G	1	chr1:243512323-243512426
## 1453	chr1	243512353	+	T	51	chr1:243512323-243512426
## 1454	chr1	243512353	-	T	7	chr1:243512323-243512426

## 1455	chr1	243512354	+	G	51	chr1:243512323-243512426
## 1456	chr1	243512354	-	G	7	chr1:243512323-243512426
## 1457	chr1	243512355	+	A	51	chr1:243512323-243512426
## 1458	chr1	243512355	-	A	7	chr1:243512323-243512426
## 1459	chr1	243512356	+	G	51	chr1:243512323-243512426
## 1460	chr1	243512356	-	G	7	chr1:243512323-243512426
## 1461	chr1	243512357	+	C	51	chr1:243512323-243512426
## 1462	chr1	243512357	-	C	7	chr1:243512323-243512426
## 1463	chr1	243512358	+	T	51	chr1:243512323-243512426
## 1464	chr1	243512358	-	T	8	chr1:243512323-243512426
## 1465	chr1	243512359	+	G	50	chr1:243512323-243512426
## 1466	chr1	243512359	-	G	8	chr1:243512323-243512426
## 1467	chr1	243512360	+	T	52	chr1:243512323-243512426
## 1468	chr1	243512360	-	T	9	chr1:243512323-243512426
## 1469	chr1	243512361	+	A	50	chr1:243512323-243512426
## 1470	chr1	243512361	-	A	9	chr1:243512323-243512426
## 1471	chr1	243512362	+	A	51	chr1:243512323-243512426
## 1472	chr1	243512362	-	A	9	chr1:243512323-243512426
## 1473	chr1	243512363	+	A	51	chr1:243512323-243512426
## 1474	chr1	243512363	-	A	9	chr1:243512323-243512426
## 1475	chr1	243512364	+	T	53	chr1:243512323-243512426
## 1476	chr1	243512364	-	T	9	chr1:243512323-243512426
## 1477	chr1	243512365	+	T	53	chr1:243512323-243512426
## 1478	chr1	243512365	-	T	9	chr1:243512323-243512426
## 1479	chr1	243512366	+	C	52	chr1:243512323-243512426
## 1480	chr1	243512366	-	C	16	chr1:243512323-243512426
## 1481	chr1	243512367	+	T	52	chr1:243512323-243512426
## 1482	chr1	243512367	-	T	16	chr1:243512323-243512426
## 1483	chr1	243512368	+	T	52	chr1:243512323-243512426
## 1484	chr1	243512368	-	T	16	chr1:243512323-243512426
## 1485	chr1	243512369	+	C	52	chr1:243512323-243512426
## 1486	chr1	243512369	-	C	19	chr1:243512323-243512426
## 1487	chr1	243512370	+	A	52	chr1:243512323-243512426
## 1488	chr1	243512370	-	A	19	chr1:243512323-243512426
## 1489	chr1	243512371	+	T	52	chr1:243512323-243512426
## 1490	chr1	243512371	-	T	20	chr1:243512323-243512426
## 1491	chr1	243512372	+	C	52	chr1:243512323-243512426
## 1492	chr1	243512372	-	C	20	chr1:243512323-243512426
## 1493	chr1	243512373	+	A	47	chr1:243512323-243512426
## 1494	chr1	243512373	-	A	20	chr1:243512323-243512426
## 1495	chr1	243512374	+	A	48	chr1:243512323-243512426
## 1496	chr1	243512374	-	A	22	chr1:243512323-243512426
## 1497	chr1	243512375	+	A	48	chr1:243512323-243512426
## 1498	chr1	243512375	-	A	22	chr1:243512323-243512426
## 1499	chr1	243512376	+	A	47	chr1:243512323-243512426
## 1500	chr1	243512376	-	A	22	chr1:243512323-243512426
## 1501	chr1	243512377	+	T	46	chr1:243512323-243512426
## 1502	chr1	243512377	-	T	22	chr1:243512323-243512426
## 1503	chr1	243512378	+	A	44	chr1:243512323-243512426
## 1504	chr1	243512378	-	A	26	chr1:243512323-243512426
## 1505	chr1	243512379	+	T	44	chr1:243512323-243512426
## 1506	chr1	243512379	-	T	28	chr1:243512323-243512426
## 1507	chr1	243512380	+	C	44	chr1:243512323-243512426
## 1508	chr1	243512380	-	C	28	chr1:243512323-243512426

## 1509	chr1 243512381	+	T	45	chr1:243512323-243512426
## 1510	chr1 243512381	-	T	29	chr1:243512323-243512426
## 1511	chr1 243512382	+	A	45	chr1:243512323-243512426
## 1512	chr1 243512382	-	A	29	chr1:243512323-243512426
## 1513	chr1 243512383	+	G	46	chr1:243512323-243512426
## 1514	chr1 243512383	-	G	29	chr1:243512323-243512426
## 1515	chr1 243512384	+	T	46	chr1:243512323-243512426
## 1516	chr1 243512384	-	T	30	chr1:243512323-243512426
## 1517	chr1 243512385	+	A	44	chr1:243512323-243512426
## 1518	chr1 243512385	-	A	30	chr1:243512323-243512426
## 1519	chr1 243512386	+	T	47	chr1:243512323-243512426
## 1520	chr1 243512386	-	T	31	chr1:243512323-243512426
## 1521	chr1 243512387	+	A	1	chr1:243512323-243512426
## 1522	chr1 243512387	-	A	1	chr1:243512323-243512426
## 1523	chr1 243512387	+	C	46	chr1:243512323-243512426
## 1524	chr1 243512387	-	C	31	chr1:243512323-243512426
## 1525	chr1 243512388	+	T	47	chr1:243512323-243512426
## 1526	chr1 243512388	-	T	33	chr1:243512323-243512426
## 1527	chr1 243512389	+	G	47	chr1:243512323-243512426
## 1528	chr1 243512389	-	G	33	chr1:243512323-243512426
## 1529	chr1 243512390	+	T	47	chr1:243512323-243512426
## 1530	chr1 243512390	-	T	33	chr1:243512323-243512426
## 1531	chr1 243512391	+	C	47	chr1:243512323-243512426
## 1532	chr1 243512391	-	C	35	chr1:243512323-243512426
## 1533	chr1 243512392	+	T	47	chr1:243512323-243512426
## 1534	chr1 243512392	-	T	35	chr1:243512323-243512426
## 1535	chr1 243512393	+	C	47	chr1:243512323-243512426
## 1536	chr1 243512393	-	C	39	chr1:243512323-243512426
## 1537	chr1 243512394	+	A	45	chr1:243512323-243512426
## 1538	chr1 243512394	-	A	39	chr1:243512323-243512426
## 1539	chr1 243512395	+	G	45	chr1:243512323-243512426
## 1540	chr1 243512395	-	G	41	chr1:243512323-243512426
## 1541	chr1 243512396	+	A	44	chr1:243512323-243512426
## 1542	chr1 243512396	-	A	41	chr1:243512323-243512426
## 1543	chr1 243512397	+	T	46	chr1:243512323-243512426
## 1544	chr1 243512397	-	T	41	chr1:243512323-243512426
## 1545	chr1 243512398	+	G	46	chr1:243512323-243512426
## 1546	chr1 243512398	-	G	40	chr1:243512323-243512426
## 1547	chr1 243512399	+	T	46	chr1:243512323-243512426
## 1548	chr1 243512399	-	T	40	chr1:243512323-243512426
## 1549	chr1 243512400	+	T	49	chr1:243512323-243512426
## 1550	chr1 243512400	-	T	40	chr1:243512323-243512426
## 1551	chr1 243512401	+	A	49	chr1:243512323-243512426
## 1552	chr1 243512401	-	A	40	chr1:243512323-243512426
## 1553	chr1 243512402	+	C	53	chr1:243512323-243512426
## 1554	chr1 243512402	-	C	42	chr1:243512323-243512426
## 1555	chr1 243512403	+	T	52	chr1:243512323-243512426
## 1556	chr1 243512403	-	T	42	chr1:243512323-243512426
## 1557	chr1 243512404	+	T	53	chr1:243512323-243512426
## 1558	chr1 243512404	-	T	44	chr1:243512323-243512426
## 1559	chr1 243512405	+	G	49	chr1:243512323-243512426
## 1560	chr1 243512405	-	G	44	chr1:243512323-243512426
## 1561	chr1 243512406	+	A	49	chr1:243512323-243512426
## 1562	chr1 243512406	-	A	45	chr1:243512323-243512426

## 1563	chr1 243512407	+	G	48	chr1:243512323-243512426
## 1564	chr1 243512407	-	G	47	chr1:243512323-243512426
## 1565	chr1 243512408	+	G	50	chr1:243512323-243512426
## 1566	chr1 243512408	-	G	50	chr1:243512323-243512426
## 1567	chr1 243512409	+	T	50	chr1:243512323-243512426
## 1568	chr1 243512409	-	T	50	chr1:243512323-243512426
## 1569	chr1 243512410	+	T	50	chr1:243512323-243512426
## 1570	chr1 243512410	-	T	52	chr1:243512323-243512426
## 1571	chr1 243512411	+	T	50	chr1:243512323-243512426
## 1572	chr1 243512411	-	T	52	chr1:243512323-243512426
## 1573	chr1 243512412	+	A	52	chr1:243512323-243512426
## 1574	chr1 243512412	-	A	50	chr1:243512323-243512426
## 1575	chr1 243512413	+	A	54	chr1:243512323-243512426
## 1576	chr1 243512413	-	A	50	chr1:243512323-243512426
## 1577	chr1 243512414	+	A	53	chr1:243512323-243512426
## 1578	chr1 243512414	-	A	52	chr1:243512323-243512426
## 1579	chr1 243512415	+	A	49	chr1:243512323-243512426
## 1580	chr1 243512415	-	A	52	chr1:243512323-243512426
## 1581	chr1 243512416	+	G	46	chr1:243512323-243512426
## 1582	chr1 243512416	-	G	52	chr1:243512323-243512426
## 1583	chr1 243512417	+	G	42	chr1:243512323-243512426
## 1584	chr1 243512417	-	G	53	chr1:243512323-243512426
## 1585	chr1 243512418	+	A	44	chr1:243512323-243512426
## 1586	chr1 243512418	-	A	53	chr1:243512323-243512426
## 1587	chr1 243512419	+	G	44	chr1:243512323-243512426
## 1588	chr1 243512419	-	G	53	chr1:243512323-243512426
## 1589	chr1 243512420	+	G	44	chr1:243512323-243512426
## 1590	chr1 243512420	-	G	52	chr1:243512323-243512426
## 1591	chr1 243512421	+	T	43	chr1:243512323-243512426
## 1592	chr1 243512421	-	T	52	chr1:243512323-243512426
## 1593	chr1 243512422	+	A	43	chr1:243512323-243512426
## 1594	chr1 243512422	-	A	52	chr1:243512323-243512426
## 1595	chr1 243512423	+	C	43	chr1:243512323-243512426
## 1596	chr1 243512423	-	C	51	chr1:243512323-243512426
## 1597	chr1 243512424	+	A	43	chr1:243512323-243512426
## 1598	chr1 243512424	-	A	51	chr1:243512323-243512426
## 1599	chr1 243512425	+	A	42	chr1:243512323-243512426
## 1600	chr1 243512425	-	A	50	chr1:243512323-243512426
## 1601	chr1 243512426	+	G	40	chr1:243512323-243512426
## 1602	chr1 243512426	-	G	50	chr1:243512323-243512426
## 1603	chr1 243545509	+	C	128	chr1:243545509-243545597
## 1604	chr1 243545509	-	C	17	chr1:243545509-243545597
## 1605	chr1 243545510	+	C	128	chr1:243545509-243545597
## 1606	chr1 243545510	-	C	18	chr1:243545509-243545597
## 1607	chr1 243545511	+	T	130	chr1:243545509-243545597
## 1608	chr1 243545511	-	T	18	chr1:243545509-243545597
## 1609	chr1 243545512	+	T	130	chr1:243545509-243545597
## 1610	chr1 243545512	-	T	24	chr1:243545509-243545597
## 1611	chr1 243545513	+	T	130	chr1:243545509-243545597
## 1612	chr1 243545513	-	T	25	chr1:243545509-243545597
## 1613	chr1 243545514	+	T	126	chr1:243545509-243545597
## 1614	chr1 243545514	-	T	25	chr1:243545509-243545597
## 1615	chr1 243545515	+	T	116	chr1:243545509-243545597
## 1616	chr1 243545515	-	T	25	chr1:243545509-243545597

## 1617	chr1	243545516	+	A	116	chr1:243545509-243545597
## 1618	chr1	243545516	-	A	27	chr1:243545509-243545597
## 1619	chr1	243545517	+	T	115	chr1:243545509-243545597
## 1620	chr1	243545517	-	T	29	chr1:243545509-243545597
## 1621	chr1	243545518	+	C	115	chr1:243545509-243545597
## 1622	chr1	243545518	-	C	31	chr1:243545509-243545597
## 1623	chr1	243545519	+	A	114	chr1:243545509-243545597
## 1624	chr1	243545519	-	A	31	chr1:243545509-243545597
## 1625	chr1	243545519	+	T	1	chr1:243545509-243545597
## 1626	chr1	243545520	+	T	116	chr1:243545509-243545597
## 1627	chr1	243545520	-	T	31	chr1:243545509-243545597
## 1628	chr1	243545521	+	A	130	chr1:243545509-243545597
## 1629	chr1	243545521	-	A	31	chr1:243545509-243545597
## 1630	chr1	243545522	+	A	1	chr1:243545509-243545597
## 1631	chr1	243545522	+	T	134	chr1:243545509-243545597
## 1632	chr1	243545522	-	T	31	chr1:243545509-243545597
## 1633	chr1	243545523	+	A	134	chr1:243545509-243545597
## 1634	chr1	243545523	-	A	33	chr1:243545509-243545597
## 1635	chr1	243545524	+	C	135	chr1:243545509-243545597
## 1636	chr1	243545524	-	C	36	chr1:243545509-243545597
## 1637	chr1	243545525	+	A	134	chr1:243545509-243545597
## 1638	chr1	243545525	-	A	36	chr1:243545509-243545597
## 1639	chr1	243545526	+	T	132	chr1:243545509-243545597
## 1640	chr1	243545526	-	T	40	chr1:243545509-243545597
## 1641	chr1	243545527	+	C	132	chr1:243545509-243545597
## 1642	chr1	243545527	-	C	42	chr1:243545509-243545597
## 1643	chr1	243545528	+	T	139	chr1:243545509-243545597
## 1644	chr1	243545528	-	T	44	chr1:243545509-243545597
## 1645	chr1	243545529	+	T	143	chr1:243545509-243545597
## 1646	chr1	243545529	-	T	44	chr1:243545509-243545597
## 1647	chr1	243545530	+	G	143	chr1:243545509-243545597
## 1648	chr1	243545530	-	G	48	chr1:243545509-243545597
## 1649	chr1	243545531	+	C	143	chr1:243545509-243545597
## 1650	chr1	243545531	-	C	48	chr1:243545509-243545597
## 1651	chr1	243545532	+	C	144	chr1:243545509-243545597
## 1652	chr1	243545532	-	C	48	chr1:243545509-243545597
## 1653	chr1	243545533	+	A	143	chr1:243545509-243545597
## 1654	chr1	243545533	-	A	48	chr1:243545509-243545597
## 1655	chr1	243545534	+	G	145	chr1:243545509-243545597
## 1656	chr1	243545534	-	G	48	chr1:243545509-243545597
## 1657	chr1	243545535	+	T	143	chr1:243545509-243545597
## 1658	chr1	243545535	-	T	51	chr1:243545509-243545597
## 1659	chr1	243545536	+	T	145	chr1:243545509-243545597
## 1660	chr1	243545536	-	T	51	chr1:243545509-243545597
## 1661	chr1	243545537	+	T	145	chr1:243545509-243545597
## 1662	chr1	243545537	-	T	54	chr1:243545509-243545597
## 1663	chr1	243545538	+	A	146	chr1:243545509-243545597
## 1664	chr1	243545538	-	A	56	chr1:243545509-243545597
## 1665	chr1	243545538	+	G	1	chr1:243545509-243545597
## 1666	chr1	243545538	+	T	1	chr1:243545509-243545597
## 1667	chr1	243545539	+	C	149	chr1:243545509-243545597
## 1668	chr1	243545539	-	C	56	chr1:243545509-243545597
## 1669	chr1	243545539	+	T	1	chr1:243545509-243545597
## 1670	chr1	243545540	+	T	151	chr1:243545509-243545597

## 1671	chr1	243545540	-	T	56	chr1:243545509-243545597
## 1672	chr1	243545541	+	C	149	chr1:243545509-243545597
## 1673	chr1	243545541	-	C	57	chr1:243545509-243545597
## 1674	chr1	243545542	+	C	147	chr1:243545509-243545597
## 1675	chr1	243545542	-	C	57	chr1:243545509-243545597
## 1676	chr1	243545543	+	A	146	chr1:243545509-243545597
## 1677	chr1	243545543	-	A	60	chr1:243545509-243545597
## 1678	chr1	243545544	+	G	144	chr1:243545509-243545597
## 1679	chr1	243545544	-	G	63	chr1:243545509-243545597
## 1680	chr1	243545545	+	A	143	chr1:243545509-243545597
## 1681	chr1	243545545	-	A	59	chr1:243545509-243545597
## 1682	chr1	243545546	+	G	143	chr1:243545509-243545597
## 1683	chr1	243545546	-	G	62	chr1:243545509-243545597
## 1684	chr1	243545547	+	A	143	chr1:243545509-243545597
## 1685	chr1	243545547	-	A	62	chr1:243545509-243545597
## 1686	chr1	243545548	+	A	137	chr1:243545509-243545597
## 1687	chr1	243545548	-	A	67	chr1:243545509-243545597
## 1688	chr1	243545549	+	G	137	chr1:243545509-243545597
## 1689	chr1	243545549	-	G	67	chr1:243545509-243545597
## 1690	chr1	243545550	+	A	133	chr1:243545509-243545597
## 1691	chr1	243545550	-	A	69	chr1:243545509-243545597
## 1692	chr1	243545551	+	A	131	chr1:243545509-243545597
## 1693	chr1	243545551	-	A	71	chr1:243545509-243545597
## 1694	chr1	243545552	+	A	128	chr1:243545509-243545597
## 1695	chr1	243545552	-	A	75	chr1:243545509-243545597
## 1696	chr1	243545553	+	C	128	chr1:243545509-243545597
## 1697	chr1	243545553	-	C	76	chr1:243545509-243545597
## 1698	chr1	243545554	+	T	127	chr1:243545509-243545597
## 1699	chr1	243545554	-	T	73	chr1:243545509-243545597
## 1700	chr1	243545555	+	G	126	chr1:243545509-243545597
## 1701	chr1	243545555	-	G	83	chr1:243545509-243545597
## 1702	chr1	243545556	+	T	119	chr1:243545509-243545597
## 1703	chr1	243545556	-	T	83	chr1:243545509-243545597
## 1704	chr1	243545557	+	G	120	chr1:243545509-243545597
## 1705	chr1	243545557	-	G	84	chr1:243545509-243545597
## 1706	chr1	243545558	+	T	120	chr1:243545509-243545597
## 1707	chr1	243545558	-	T	84	chr1:243545509-243545597
## 1708	chr1	243545559	+	C	118	chr1:243545509-243545597
## 1709	chr1	243545559	-	C	84	chr1:243545509-243545597
## 1710	chr1	243545560	+	T	114	chr1:243545509-243545597
## 1711	chr1	243545560	-	T	87	chr1:243545509-243545597
## 1712	chr1	243545561	+	C	108	chr1:243545509-243545597
## 1713	chr1	243545561	-	C	97	chr1:243545509-243545597
## 1714	chr1	243545562	+	A	108	chr1:243545509-243545597
## 1715	chr1	243545562	-	A	98	chr1:243545509-243545597
## 1716	chr1	243545563	+	T	105	chr1:243545509-243545597
## 1717	chr1	243545563	-	T	98	chr1:243545509-243545597
## 1718	chr1	243545564	+	A	106	chr1:243545509-243545597
## 1719	chr1	243545564	-	A	98	chr1:243545509-243545597
## 1720	chr1	243545565	+	A	106	chr1:243545509-243545597
## 1721	chr1	243545565	-	A	99	chr1:243545509-243545597
## 1722	chr1	243545566	+	T	106	chr1:243545509-243545597
## 1723	chr1	243545566	-	T	101	chr1:243545509-243545597
## 1724	chr1	243545567	+	T	108	chr1:243545509-243545597

## 1725	chr1 243545567	-	T	103	chr1:243545509-243545597
## 1726	chr1 243545568	+	T	107	chr1:243545509-243545597
## 1727	chr1 243545568	-	T	106	chr1:243545509-243545597
## 1728	chr1 243545569	+	C	106	chr1:243545509-243545597
## 1729	chr1 243545569	-	C	105	chr1:243545509-243545597
## 1730	chr1 243545570	+	T	104	chr1:243545509-243545597
## 1731	chr1 243545570	-	T	105	chr1:243545509-243545597
## 1732	chr1 243545571	+	T	101	chr1:243545509-243545597
## 1733	chr1 243545571	-	T	105	chr1:243545509-243545597
## 1734	chr1 243545572	+	T	101	chr1:243545509-243545597
## 1735	chr1 243545572	-	T	108	chr1:243545509-243545597
## 1736	chr1 243545573	+	T	99	chr1:243545509-243545597
## 1737	chr1 243545573	-	T	108	chr1:243545509-243545597
## 1738	chr1 243545574	+	G	94	chr1:243545509-243545597
## 1739	chr1 243545574	-	G	109	chr1:243545509-243545597
## 1740	chr1 243545575	+	C	96	chr1:243545509-243545597
## 1741	chr1 243545575	-	C	109	chr1:243545509-243545597
## 1742	chr1 243545576	+	A	94	chr1:243545509-243545597
## 1743	chr1 243545576	-	A	109	chr1:243545509-243545597
## 1744	chr1 243545577	+	T	91	chr1:243545509-243545597
## 1745	chr1 243545577	-	T	109	chr1:243545509-243545597
## 1746	chr1 243545578	+	C	90	chr1:243545509-243545597
## 1747	chr1 243545578	-	C	111	chr1:243545509-243545597
## 1748	chr1 243545579	+	A	88	chr1:243545509-243545597
## 1749	chr1 243545579	-	A	111	chr1:243545509-243545597
## 1750	chr1 243545580	+	T	85	chr1:243545509-243545597
## 1751	chr1 243545580	-	T	111	chr1:243545509-243545597
## 1752	chr1 243545581	+	C	85	chr1:243545509-243545597
## 1753	chr1 243545581	-	C	114	chr1:243545509-243545597
## 1754	chr1 243545582	+	T	83	chr1:243545509-243545597
## 1755	chr1 243545582	-	T	113	chr1:243545509-243545597
## 1756	chr1 243545583	+	G	82	chr1:243545509-243545597
## 1757	chr1 243545583	-	G	115	chr1:243545509-243545597
## 1758	chr1 243545584	+	G	77	chr1:243545509-243545597
## 1759	chr1 243545584	-	G	116	chr1:243545509-243545597
## 1760	chr1 243545585	+	T	77	chr1:243545509-243545597
## 1761	chr1 243545585	-	T	115	chr1:243545509-243545597
## 1762	chr1 243545586	+	C	74	chr1:243545509-243545597
## 1763	chr1 243545586	-	C	117	chr1:243545509-243545597
## 1764	chr1 243545587	+	C	75	chr1:243545509-243545597
## 1765	chr1 243545587	-	C	111	chr1:243545509-243545597
## 1766	chr1 243545588	+	T	75	chr1:243545509-243545597
## 1767	chr1 243545588	-	T	111	chr1:243545509-243545597
## 1768	chr1 243545589	+	C	75	chr1:243545509-243545597
## 1769	chr1 243545589	-	C	111	chr1:243545509-243545597
## 1770	chr1 243545590	+	C	75	chr1:243545509-243545597
## 1771	chr1 243545590	-	C	112	chr1:243545509-243545597
## 1772	chr1 243545591	+	A	75	chr1:243545509-243545597
## 1773	chr1 243545591	-	A	114	chr1:243545509-243545597
## 1774	chr1 243545592	+	C	72	chr1:243545509-243545597
## 1775	chr1 243545592	-	C	112	chr1:243545509-243545597
## 1776	chr1 243545593	+	C	72	chr1:243545509-243545597
## 1777	chr1 243545593	-	C	111	chr1:243545509-243545597
## 1778	chr1 243545594	+	A	72	chr1:243545509-243545597

## 1779	chr1 243545594	-	A	111	chr1:243545509-243545597
## 1780	chr1 243545595	+	A	71	chr1:243545509-243545597
## 1781	chr1 243545595	-	A	112	chr1:243545509-243545597
## 1782	chr1 243545596	+	G	57	chr1:243545509-243545597
## 1783	chr1 243545596	-	G	112	chr1:243545509-243545597
## 1784	chr1 243545597	+	G	52	chr1:243545509-243545597
## 1785	chr1 243545597	-	G	112	chr1:243545509-243545597
## 1786	chr1 243552728	+	C	178	chr1:243552728-243552943
## 1787	chr1 243552728	-	C	76	chr1:243552728-243552943
## 1788	chr1 243552728	+	T	1	chr1:243552728-243552943
## 1789	chr1 243552729	+	C	175	chr1:243552728-243552943
## 1790	chr1 243552729	-	C	75	chr1:243552728-243552943
## 1791	chr1 243552729	+	T	4	chr1:243552728-243552943
## 1792	chr1 243552729	-	T	1	chr1:243552728-243552943
## 1793	chr1 243552730	+	G	178	chr1:243552728-243552943
## 1794	chr1 243552730	-	G	76	chr1:243552728-243552943
## 1795	chr1 243552731	+	T	177	chr1:243552728-243552943
## 1796	chr1 243552731	-	T	76	chr1:243552728-243552943
## 1797	chr1 243552732	+	T	177	chr1:243552728-243552943
## 1798	chr1 243552732	-	T	76	chr1:243552728-243552943
## 1799	chr1 243552733	+	T	169	chr1:243552728-243552943
## 1800	chr1 243552733	-	T	76	chr1:243552728-243552943
## 1801	chr1 243552734	+	A	169	chr1:243552728-243552943
## 1802	chr1 243552734	-	A	77	chr1:243552728-243552943
## 1803	chr1 243552735	+	T	169	chr1:243552728-243552943
## 1804	chr1 243552735	-	T	76	chr1:243552728-243552943
## 1805	chr1 243552736	+	T	166	chr1:243552728-243552943
## 1806	chr1 243552736	-	T	76	chr1:243552728-243552943
## 1807	chr1 243552737	+	T	166	chr1:243552728-243552943
## 1808	chr1 243552737	-	T	77	chr1:243552728-243552943
## 1809	chr1 243552738	+	-	1	chr1:243552728-243552943
## 1810	chr1 243552738	+	G	161	chr1:243552728-243552943
## 1811	chr1 243552738	-	G	77	chr1:243552728-243552943
## 1812	chr1 243552739	+	G	163	chr1:243552728-243552943
## 1813	chr1 243552739	-	G	77	chr1:243552728-243552943
## 1814	chr1 243552740	+	A	163	chr1:243552728-243552943
## 1815	chr1 243552740	-	A	83	chr1:243552728-243552943
## 1816	chr1 243552741	+	T	163	chr1:243552728-243552943
## 1817	chr1 243552741	-	T	87	chr1:243552728-243552943
## 1818	chr1 243552742	+	C	151	chr1:243552728-243552943
## 1819	chr1 243552742	-	C	87	chr1:243552728-243552943
## 1820	chr1 243552743	+	C	151	chr1:243552728-243552943
## 1821	chr1 243552743	-	C	92	chr1:243552728-243552943
## 1822	chr1 243552744	+	-	1	chr1:243552728-243552943
## 1823	chr1 243552744	+	T	150	chr1:243552728-243552943
## 1824	chr1 243552744	-	T	99	chr1:243552728-243552943
## 1825	chr1 243552745	+	T	149	chr1:243552728-243552943
## 1826	chr1 243552745	-	T	99	chr1:243552728-243552943
## 1827	chr1 243552746	+	T	150	chr1:243552728-243552943
## 1828	chr1 243552746	-	T	98	chr1:243552728-243552943
## 1829	chr1 243552747	+	A	146	chr1:243552728-243552943
## 1830	chr1 243552747	-	A	100	chr1:243552728-243552943
## 1831	chr1 243552748	+	C	1	chr1:243552728-243552943
## 1832	chr1 243552748	-	C	1	chr1:243552728-243552943

## 1833	chr1	243552748	+	T	148	chr1:243552728-243552943
## 1834	chr1	243552748	-	T	88	chr1:243552728-243552943
## 1835	chr1	243552749	+	C	141	chr1:243552728-243552943
## 1836	chr1	243552749	-	C	93	chr1:243552728-243552943
## 1837	chr1	243552750	+	A	143	chr1:243552728-243552943
## 1838	chr1	243552750	-	A	94	chr1:243552728-243552943
## 1839	chr1	243552751	+	A	139	chr1:243552728-243552943
## 1840	chr1	243552751	-	A	96	chr1:243552728-243552943
## 1841	chr1	243552752	+	G	142	chr1:243552728-243552943
## 1842	chr1	243552752	-	G	96	chr1:243552728-243552943
## 1843	chr1	243552753	+	A	138	chr1:243552728-243552943
## 1844	chr1	243552753	-	A	96	chr1:243552728-243552943
## 1845	chr1	243552754	+	G	130	chr1:243552728-243552943
## 1846	chr1	243552754	-	G	97	chr1:243552728-243552943
## 1847	chr1	243552754	+	T	3	chr1:243552728-243552943
## 1848	chr1	243552755	+	C	136	chr1:243552728-243552943
## 1849	chr1	243552755	-	C	99	chr1:243552728-243552943
## 1850	chr1	243552756	+	C	133	chr1:243552728-243552943
## 1851	chr1	243552756	-	C	106	chr1:243552728-243552943
## 1852	chr1	243552757	+	C	134	chr1:243552728-243552943
## 1853	chr1	243552757	-	C	108	chr1:243552728-243552943
## 1854	chr1	243552758	+	T	134	chr1:243552728-243552943
## 1855	chr1	243552758	-	T	110	chr1:243552728-243552943
## 1856	chr1	243552759	+	G	134	chr1:243552728-243552943
## 1857	chr1	243552759	-	G	114	chr1:243552728-243552943
## 1858	chr1	243552760	+	A	132	chr1:243552728-243552943
## 1859	chr1	243552760	-	A	114	chr1:243552728-243552943
## 1860	chr1	243552761	+	A	135	chr1:243552728-243552943
## 1861	chr1	243552761	-	A	114	chr1:243552728-243552943
## 1862	chr1	243552762	+	A	136	chr1:243552728-243552943
## 1863	chr1	243552762	-	A	114	chr1:243552728-243552943
## 1864	chr1	243552763	+	G	137	chr1:243552728-243552943
## 1865	chr1	243552763	-	G	114	chr1:243552728-243552943
## 1866	chr1	243552764	+	C	135	chr1:243552728-243552943
## 1867	chr1	243552764	-	C	113	chr1:243552728-243552943
## 1868	chr1	243552765	+	A	134	chr1:243552728-243552943
## 1869	chr1	243552765	-	A	111	chr1:243552728-243552943
## 1870	chr1	243552765	-	T	2	chr1:243552728-243552943
## 1871	chr1	243552766	+	A	124	chr1:243552728-243552943
## 1872	chr1	243552766	-	A	113	chr1:243552728-243552943
## 1873	chr1	243552766	+	T	1	chr1:243552728-243552943
## 1874	chr1	243552766	-	T	1	chr1:243552728-243552943
## 1875	chr1	243552767	+	T	119	chr1:243552728-243552943
## 1876	chr1	243552767	-	T	116	chr1:243552728-243552943
## 1877	chr1	243552768	+	G	126	chr1:243552728-243552943
## 1878	chr1	243552768	-	G	117	chr1:243552728-243552943
## 1879	chr1	243552769	+	A	126	chr1:243552728-243552943
## 1880	chr1	243552769	-	A	117	chr1:243552728-243552943
## 1881	chr1	243552770	+	T	127	chr1:243552728-243552943
## 1882	chr1	243552770	-	T	117	chr1:243552728-243552943
## 1883	chr1	243552771	+	T	127	chr1:243552728-243552943
## 1884	chr1	243552771	-	T	119	chr1:243552728-243552943
## 1885	chr1	243552772	+	T	125	chr1:243552728-243552943
## 1886	chr1	243552772	-	T	119	chr1:243552728-243552943

## 1887	chr1	243552773	+	T	123	chr1:243552728-243552943
## 1888	chr1	243552773	-	T	119	chr1:243552728-243552943
## 1889	chr1	243552774	+	G	123	chr1:243552728-243552943
## 1890	chr1	243552774	-	G	120	chr1:243552728-243552943
## 1891	chr1	243552775	+	C	124	chr1:243552728-243552943
## 1892	chr1	243552775	-	C	127	chr1:243552728-243552943
## 1893	chr1	243552776	+	A	125	chr1:243552728-243552943
## 1894	chr1	243552776	-	A	125	chr1:243552728-243552943
## 1895	chr1	243552777	+	T	117	chr1:243552728-243552943
## 1896	chr1	243552777	-	T	125	chr1:243552728-243552943
## 1897	chr1	243552778	+	C	111	chr1:243552728-243552943
## 1898	chr1	243552778	-	C	126	chr1:243552728-243552943
## 1899	chr1	243552779	+	T	111	chr1:243552728-243552943
## 1900	chr1	243552779	-	T	125	chr1:243552728-243552943
## 1901	chr1	243552780	+	G	110	chr1:243552728-243552943
## 1902	chr1	243552780	-	G	124	chr1:243552728-243552943
## 1903	chr1	243552781	+	A	107	chr1:243552728-243552943
## 1904	chr1	243552781	-	A	123	chr1:243552728-243552943
## 1905	chr1	243552782	+	A	111	chr1:243552728-243552943
## 1906	chr1	243552782	-	A	124	chr1:243552728-243552943
## 1907	chr1	243552783	+	G	113	chr1:243552728-243552943
## 1908	chr1	243552783	-	G	118	chr1:243552728-243552943
## 1909	chr1	243552784	+	A	113	chr1:243552728-243552943
## 1910	chr1	243552784	-	A	119	chr1:243552728-243552943
## 1911	chr1	243552784	-	T	1	chr1:243552728-243552943
## 1912	chr1	243552785	+	G	116	chr1:243552728-243552943
## 1913	chr1	243552785	-	G	120	chr1:243552728-243552943
## 1914	chr1	243552786	+	A	117	chr1:243552728-243552943
## 1915	chr1	243552786	-	A	121	chr1:243552728-243552943
## 1916	chr1	243552787	+	G	114	chr1:243552728-243552943
## 1917	chr1	243552787	-	G	124	chr1:243552728-243552943
## 1918	chr1	243552788	+	T	114	chr1:243552728-243552943
## 1919	chr1	243552788	-	T	127	chr1:243552728-243552943
## 1920	chr1	243552789	+	G	114	chr1:243552728-243552943
## 1921	chr1	243552789	-	G	130	chr1:243552728-243552943
## 1922	chr1	243552790	+	T	113	chr1:243552728-243552943
## 1923	chr1	243552790	-	T	130	chr1:243552728-243552943
## 1924	chr1	243552791	+	A	1	chr1:243552728-243552943
## 1925	chr1	243552791	+	T	111	chr1:243552728-243552943
## 1926	chr1	243552791	-	T	129	chr1:243552728-243552943
## 1927	chr1	243552792	+	A	1	chr1:243552728-243552943
## 1928	chr1	243552792	+	C	112	chr1:243552728-243552943
## 1929	chr1	243552792	-	C	127	chr1:243552728-243552943
## 1930	chr1	243552793	+	G	118	chr1:243552728-243552943
## 1931	chr1	243552793	-	G	126	chr1:243552728-243552943
## 1932	chr1	243552793	+	T	1	chr1:243552728-243552943
## 1933	chr1	243552794	+	A	118	chr1:243552728-243552943
## 1934	chr1	243552794	-	A	116	chr1:243552728-243552943
## 1935	chr1	243552794	+	T	1	chr1:243552728-243552943
## 1936	chr1	243552795	+	A	1	chr1:243552728-243552943
## 1937	chr1	243552795	+	G	127	chr1:243552728-243552943
## 1938	chr1	243552795	-	G	116	chr1:243552728-243552943
## 1939	chr1	243552796	+	G	127	chr1:243552728-243552943
## 1940	chr1	243552796	-	G	117	chr1:243552728-243552943

## 1941	chr1 243552797	+	A	119	chr1:243552728-243552943
## 1942	chr1 243552797	-	A	119	chr1:243552728-243552943
## 1943	chr1 243552798	+	A	116	chr1:243552728-243552943
## 1944	chr1 243552798	-	A	121	chr1:243552728-243552943
## 1945	chr1 243552799	+	A	112	chr1:243552728-243552943
## 1946	chr1 243552799	-	A	121	chr1:243552728-243552943
## 1947	chr1 243552800	+	T	114	chr1:243552728-243552943
## 1948	chr1 243552800	-	T	124	chr1:243552728-243552943
## 1949	chr1 243552801	+	T	114	chr1:243552728-243552943
## 1950	chr1 243552801	-	T	125	chr1:243552728-243552943
## 1951	chr1 243552802	+	T	113	chr1:243552728-243552943
## 1952	chr1 243552802	-	T	126	chr1:243552728-243552943
## 1953	chr1 243552803	+	A	113	chr1:243552728-243552943
## 1954	chr1 243552803	-	A	137	chr1:243552728-243552943
## 1955	chr1 243552804	+	A	113	chr1:243552728-243552943
## 1956	chr1 243552804	-	A	137	chr1:243552728-243552943
## 1957	chr1 243552805	+	T	111	chr1:243552728-243552943
## 1958	chr1 243552805	-	T	138	chr1:243552728-243552943
## 1959	chr1 243552806	+	G	112	chr1:243552728-243552943
## 1960	chr1 243552806	-	G	139	chr1:243552728-243552943
## 1961	chr1 243552807	+	T	112	chr1:243552728-243552943
## 1962	chr1 243552807	-	T	139	chr1:243552728-243552943
## 1963	chr1 243552808	+	C	111	chr1:243552728-243552943
## 1964	chr1 243552808	-	C	139	chr1:243552728-243552943
## 1965	chr1 243552809	+	T	111	chr1:243552728-243552943
## 1966	chr1 243552809	-	T	138	chr1:243552728-243552943
## 1967	chr1 243552810	+	T	109	chr1:243552728-243552943
## 1968	chr1 243552810	-	T	137	chr1:243552728-243552943
## 1969	chr1 243552811	+	C	113	chr1:243552728-243552943
## 1970	chr1 243552811	-	C	136	chr1:243552728-243552943
## 1971	chr1 243552812	+	C	115	chr1:243552728-243552943
## 1972	chr1 243552812	-	C	134	chr1:243552728-243552943
## 1973	chr1 243552813	-	-	1	chr1:243552728-243552943
## 1974	chr1 243552813	+	A	116	chr1:243552728-243552943
## 1975	chr1 243552813	-	A	134	chr1:243552728-243552943
## 1976	chr1 243552814	+	T	116	chr1:243552728-243552943
## 1977	chr1 243552814	-	T	135	chr1:243552728-243552943
## 1978	chr1 243552815	+	T	116	chr1:243552728-243552943
## 1979	chr1 243552815	-	T	129	chr1:243552728-243552943
## 1980	chr1 243552816	+	A	114	chr1:243552728-243552943
## 1981	chr1 243552816	-	A	126	chr1:243552728-243552943
## 1982	chr1 243552817	+	A	116	chr1:243552728-243552943
## 1983	chr1 243552817	-	A	127	chr1:243552728-243552943
## 1984	chr1 243552818	+	T	115	chr1:243552728-243552943
## 1985	chr1 243552818	-	T	121	chr1:243552728-243552943
## 1986	chr1 243552819	+	A	118	chr1:243552728-243552943
## 1987	chr1 243552819	-	A	115	chr1:243552728-243552943
## 1988	chr1 243552820	+	T	117	chr1:243552728-243552943
## 1989	chr1 243552820	-	T	116	chr1:243552728-243552943
## 1990	chr1 243552821	+	T	114	chr1:243552728-243552943
## 1991	chr1 243552821	-	T	120	chr1:243552728-243552943
## 1992	chr1 243552822	+	A	113	chr1:243552728-243552943
## 1993	chr1 243552822	-	A	119	chr1:243552728-243552943
## 1994	chr1 243552823	+	A	114	chr1:243552728-243552943

## 1995	chr1	243552823	-	A	120	chr1:243552728-243552943
## 1996	chr1	243552824	+	C	1	chr1:243552728-243552943
## 1997	chr1	243552824	+	T	115	chr1:243552728-243552943
## 1998	chr1	243552824	-	T	117	chr1:243552728-243552943
## 1999	chr1	243552825	+	T	113	chr1:243552728-243552943
## 2000	chr1	243552825	-	T	117	chr1:243552728-243552943
## 2001	chr1	243552826	+	C	118	chr1:243552728-243552943
## 2002	chr1	243552826	-	C	116	chr1:243552728-243552943
## 2003	chr1	243552826	+	T	1	chr1:243552728-243552943
## 2004	chr1	243552827	+	A	117	chr1:243552728-243552943
## 2005	chr1	243552827	-	A	119	chr1:243552728-243552943
## 2006	chr1	243552827	-	T	1	chr1:243552728-243552943
## 2007	chr1	243552828	+	A	119	chr1:243552728-243552943
## 2008	chr1	243552828	-	A	121	chr1:243552728-243552943
## 2009	chr1	243552829	+	A	118	chr1:243552728-243552943
## 2010	chr1	243552829	-	A	121	chr1:243552728-243552943
## 2011	chr1	243552830	+	A	115	chr1:243552728-243552943
## 2012	chr1	243552830	-	A	119	chr1:243552728-243552943
## 2013	chr1	243552831	+	A	115	chr1:243552728-243552943
## 2014	chr1	243552831	-	A	112	chr1:243552728-243552943
## 2015	chr1	243552832	+	G	115	chr1:243552728-243552943
## 2016	chr1	243552832	-	G	109	chr1:243552728-243552943
## 2017	chr1	243552833	+	T	115	chr1:243552728-243552943
## 2018	chr1	243552833	-	T	107	chr1:243552728-243552943
## 2019	chr1	243552834	+	T	118	chr1:243552728-243552943
## 2020	chr1	243552834	-	T	103	chr1:243552728-243552943
## 2021	chr1	243552835	+	T	118	chr1:243552728-243552943
## 2022	chr1	243552835	-	T	105	chr1:243552728-243552943
## 2023	chr1	243552836	+	C	114	chr1:243552728-243552943
## 2024	chr1	243552836	-	C	105	chr1:243552728-243552943
## 2025	chr1	243552837	+	T	115	chr1:243552728-243552943
## 2026	chr1	243552837	-	T	111	chr1:243552728-243552943
## 2027	chr1	243552838	+	C	120	chr1:243552728-243552943
## 2028	chr1	243552838	-	C	111	chr1:243552728-243552943
## 2029	chr1	243552839	+	A	124	chr1:243552728-243552943
## 2030	chr1	243552839	-	A	111	chr1:243552728-243552943
## 2031	chr1	243552840	-	A	1	chr1:243552728-243552943
## 2032	chr1	243552840	+	T	122	chr1:243552728-243552943
## 2033	chr1	243552840	-	T	110	chr1:243552728-243552943
## 2034	chr1	243552841	+	G	124	chr1:243552728-243552943
## 2035	chr1	243552841	-	G	112	chr1:243552728-243552943
## 2036	chr1	243552842	+	G	123	chr1:243552728-243552943
## 2037	chr1	243552842	-	G	110	chr1:243552728-243552943
## 2038	chr1	243552843	+	T	119	chr1:243552728-243552943
## 2039	chr1	243552843	-	T	111	chr1:243552728-243552943
## 2040	chr1	243552844	+	C	118	chr1:243552728-243552943
## 2041	chr1	243552844	-	C	111	chr1:243552728-243552943
## 2042	chr1	243552845	+	C	122	chr1:243552728-243552943
## 2043	chr1	243552845	-	C	110	chr1:243552728-243552943
## 2044	chr1	243552846	+	T	132	chr1:243552728-243552943
## 2045	chr1	243552846	-	T	108	chr1:243552728-243552943
## 2046	chr1	243552847	+	G	136	chr1:243552728-243552943
## 2047	chr1	243552847	-	G	108	chr1:243552728-243552943
## 2048	chr1	243552848	+	G	139	chr1:243552728-243552943

## 2049	chr1	243552848	-	G	112	chr1:243552728-243552943
## 2050	chr1	243552849	+	T	137	chr1:243552728-243552943
## 2051	chr1	243552849	-	T	111	chr1:243552728-243552943
## 2052	chr1	243552850	+	T	136	chr1:243552728-243552943
## 2053	chr1	243552850	-	T	104	chr1:243552728-243552943
## 2054	chr1	243552851	+	G	134	chr1:243552728-243552943
## 2055	chr1	243552851	-	G	104	chr1:243552728-243552943
## 2056	chr1	243552851	+	T	1	chr1:243552728-243552943
## 2057	chr1	243552852	+	T	135	chr1:243552728-243552943
## 2058	chr1	243552852	-	T	105	chr1:243552728-243552943
## 2059	chr1	243552853	+	A	139	chr1:243552728-243552943
## 2060	chr1	243552853	-	A	104	chr1:243552728-243552943
## 2061	chr1	243552854	+	G	139	chr1:243552728-243552943
## 2062	chr1	243552854	-	G	104	chr1:243552728-243552943
## 2063	chr1	243552855	+	A	138	chr1:243552728-243552943
## 2064	chr1	243552855	-	A	102	chr1:243552728-243552943
## 2065	chr1	243552856	+	A	138	chr1:243552728-243552943
## 2066	chr1	243552856	-	A	100	chr1:243552728-243552943
## 2067	chr1	243552857	+	A	138	chr1:243552728-243552943
## 2068	chr1	243552857	-	A	101	chr1:243552728-243552943
## 2069	chr1	243552858	+	G	134	chr1:243552728-243552943
## 2070	chr1	243552858	-	G	103	chr1:243552728-243552943
## 2071	chr1	243552859	+	G	134	chr1:243552728-243552943
## 2072	chr1	243552859	-	G	101	chr1:243552728-243552943
## 2073	chr1	243552860	+	T	137	chr1:243552728-243552943
## 2074	chr1	243552860	-	T	99	chr1:243552728-243552943
## 2075	chr1	243552861	+	A	136	chr1:243552728-243552943
## 2076	chr1	243552861	-	A	103	chr1:243552728-243552943
## 2077	chr1	243552862	+	A	137	chr1:243552728-243552943
## 2078	chr1	243552862	-	A	99	chr1:243552728-243552943
## 2079	chr1	243552863	+	C	135	chr1:243552728-243552943
## 2080	chr1	243552863	-	C	95	chr1:243552728-243552943
## 2081	chr1	243552864	+	C	135	chr1:243552728-243552943
## 2082	chr1	243552864	-	C	92	chr1:243552728-243552943
## 2083	chr1	243552865	+	T	138	chr1:243552728-243552943
## 2084	chr1	243552865	-	T	95	chr1:243552728-243552943
## 2085	chr1	243552866	+	C	138	chr1:243552728-243552943
## 2086	chr1	243552866	-	C	91	chr1:243552728-243552943
## 2087	chr1	243552867	-	A	1	chr1:243552728-243552943
## 2088	chr1	243552867	+	C	136	chr1:243552728-243552943
## 2089	chr1	243552867	-	C	90	chr1:243552728-243552943
## 2090	chr1	243552868	+	C	132	chr1:243552728-243552943
## 2091	chr1	243552868	-	C	100	chr1:243552728-243552943
## 2092	chr1	243552869	+	A	133	chr1:243552728-243552943
## 2093	chr1	243552869	-	A	100	chr1:243552728-243552943
## 2094	chr1	243552870	+	C	124	chr1:243552728-243552943
## 2095	chr1	243552870	-	C	102	chr1:243552728-243552943
## 2096	chr1	243552871	+	A	124	chr1:243552728-243552943
## 2097	chr1	243552871	-	A	101	chr1:243552728-243552943
## 2098	chr1	243552872	+	C	120	chr1:243552728-243552943
## 2099	chr1	243552872	-	C	100	chr1:243552728-243552943
## 2100	chr1	243552873	+	A	118	chr1:243552728-243552943
## 2101	chr1	243552873	-	A	96	chr1:243552728-243552943
## 2102	chr1	243552873	+	G	1	chr1:243552728-243552943

## 2103	chr1 243552874	+	T	117	chr1:243552728-243552943
## 2104	chr1 243552874	-	T	105	chr1:243552728-243552943
## 2105	chr1 243552875	+	C	115	chr1:243552728-243552943
## 2106	chr1 243552875	-	C	110	chr1:243552728-243552943
## 2107	chr1 243552876	+	A	117	chr1:243552728-243552943
## 2108	chr1 243552876	-	A	109	chr1:243552728-243552943
## 2109	chr1 243552877	+	T	122	chr1:243552728-243552943
## 2110	chr1 243552877	-	T	108	chr1:243552728-243552943
## 2111	chr1 243552878	+	T	122	chr1:243552728-243552943
## 2112	chr1 243552878	-	T	98	chr1:243552728-243552943
## 2113	chr1 243552879	+	T	121	chr1:243552728-243552943
## 2114	chr1 243552879	-	T	98	chr1:243552728-243552943
## 2115	chr1 243552880	+	C	121	chr1:243552728-243552943
## 2116	chr1 243552880	-	C	97	chr1:243552728-243552943
## 2117	chr1 243552881	+	A	120	chr1:243552728-243552943
## 2118	chr1 243552881	-	A	96	chr1:243552728-243552943
## 2119	chr1 243552882	+	T	122	chr1:243552728-243552943
## 2120	chr1 243552882	-	T	99	chr1:243552728-243552943
## 2121	chr1 243552883	+	A	122	chr1:243552728-243552943
## 2122	chr1 243552883	-	A	104	chr1:243552728-243552943
## 2123	chr1 243552884	-	A	1	chr1:243552728-243552943
## 2124	chr1 243552884	+	C	122	chr1:243552728-243552943
## 2125	chr1 243552884	-	C	109	chr1:243552728-243552943
## 2126	chr1 243552885	+	A	121	chr1:243552728-243552943
## 2127	chr1 243552885	-	A	113	chr1:243552728-243552943
## 2128	chr1 243552886	+	T	118	chr1:243552728-243552943
## 2129	chr1 243552886	-	T	114	chr1:243552728-243552943
## 2130	chr1 243552887	+	G	116	chr1:243552728-243552943
## 2131	chr1 243552887	-	G	115	chr1:243552728-243552943
## 2132	chr1 243552888	+	A	114	chr1:243552728-243552943
## 2133	chr1 243552888	-	A	114	chr1:243552728-243552943
## 2134	chr1 243552889	+	C	114	chr1:243552728-243552943
## 2135	chr1 243552889	-	C	114	chr1:243552728-243552943
## 2136	chr1 243552890	+	A	115	chr1:243552728-243552943
## 2137	chr1 243552890	-	A	113	chr1:243552728-243552943
## 2138	chr1 243552891	+	A	116	chr1:243552728-243552943
## 2139	chr1 243552891	-	A	113	chr1:243552728-243552943
## 2140	chr1 243552892	+	C	114	chr1:243552728-243552943
## 2141	chr1 243552892	-	C	114	chr1:243552728-243552943
## 2142	chr1 243552893	+	C	114	chr1:243552728-243552943
## 2143	chr1 243552893	-	C	118	chr1:243552728-243552943
## 2144	chr1 243552894	+	C	112	chr1:243552728-243552943
## 2145	chr1 243552894	-	C	118	chr1:243552728-243552943
## 2146	chr1 243552895	+	C	116	chr1:243552728-243552943
## 2147	chr1 243552895	-	C	120	chr1:243552728-243552943
## 2148	chr1 243552896	-	C	1	chr1:243552728-243552943
## 2149	chr1 243552896	+	T	116	chr1:243552728-243552943
## 2150	chr1 243552896	-	T	119	chr1:243552728-243552943
## 2151	chr1 243552897	+	A	116	chr1:243552728-243552943
## 2152	chr1 243552897	-	A	122	chr1:243552728-243552943
## 2153	chr1 243552898	+	G	113	chr1:243552728-243552943
## 2154	chr1 243552898	-	G	124	chr1:243552728-243552943
## 2155	chr1 243552899	+	G	110	chr1:243552728-243552943
## 2156	chr1 243552899	-	G	127	chr1:243552728-243552943

## 2157	chr1	243552900	+	C	110	chr1:243552728-243552943
## 2158	chr1	243552900	-	C	126	chr1:243552728-243552943
## 2159	chr1	243552901	+	C	105	chr1:243552728-243552943
## 2160	chr1	243552901	-	C	123	chr1:243552728-243552943
## 2161	chr1	243552902	+	C	103	chr1:243552728-243552943
## 2162	chr1	243552902	-	C	120	chr1:243552728-243552943
## 2163	chr1	243552903	+	C	100	chr1:243552728-243552943
## 2164	chr1	243552903	-	C	120	chr1:243552728-243552943
## 2165	chr1	243552904	+	A	99	chr1:243552728-243552943
## 2166	chr1	243552904	-	A	124	chr1:243552728-243552943
## 2167	chr1	243552905	+	C	97	chr1:243552728-243552943
## 2168	chr1	243552905	-	C	129	chr1:243552728-243552943
## 2169	chr1	243552906	+	C	100	chr1:243552728-243552943
## 2170	chr1	243552906	-	C	136	chr1:243552728-243552943
## 2171	chr1	243552907	+	A	99	chr1:243552728-243552943
## 2172	chr1	243552907	-	A	137	chr1:243552728-243552943
## 2173	chr1	243552908	+	G	98	chr1:243552728-243552943
## 2174	chr1	243552908	-	G	140	chr1:243552728-243552943
## 2175	chr1	243552909	+	T	95	chr1:243552728-243552943
## 2176	chr1	243552909	-	T	142	chr1:243552728-243552943
## 2177	chr1	243552910	+	C	95	chr1:243552728-243552943
## 2178	chr1	243552910	-	C	141	chr1:243552728-243552943
## 2179	chr1	243552911	+	T	94	chr1:243552728-243552943
## 2180	chr1	243552911	-	T	141	chr1:243552728-243552943
## 2181	chr1	243552912	+	A	91	chr1:243552728-243552943
## 2182	chr1	243552912	-	A	142	chr1:243552728-243552943
## 2183	chr1	243552913	+	C	86	chr1:243552728-243552943
## 2184	chr1	243552913	-	C	142	chr1:243552728-243552943
## 2185	chr1	243552914	+	T	81	chr1:243552728-243552943
## 2186	chr1	243552914	-	T	142	chr1:243552728-243552943
## 2187	chr1	243552915	+	G	78	chr1:243552728-243552943
## 2188	chr1	243552915	-	G	146	chr1:243552728-243552943
## 2189	chr1	243552916	+	C	78	chr1:243552728-243552943
## 2190	chr1	243552916	-	C	147	chr1:243552728-243552943
## 2191	chr1	243552917	+	T	78	chr1:243552728-243552943
## 2192	chr1	243552917	-	T	149	chr1:243552728-243552943
## 2193	chr1	243552918	+	C	74	chr1:243552728-243552943
## 2194	chr1	243552918	-	C	147	chr1:243552728-243552943
## 2195	chr1	243552919	+	G	72	chr1:243552728-243552943
## 2196	chr1	243552919	-	G	147	chr1:243552728-243552943
## 2197	chr1	243552920	+	G	67	chr1:243552728-243552943
## 2198	chr1	243552920	-	G	153	chr1:243552728-243552943
## 2199	chr1	243552921	+	C	58	chr1:243552728-243552943
## 2200	chr1	243552921	-	C	155	chr1:243552728-243552943
## 2201	chr1	243552922	+	C	54	chr1:243552728-243552943
## 2202	chr1	243552922	-	C	155	chr1:243552728-243552943
## 2203	chr1	243552923	+	A	51	chr1:243552728-243552943
## 2204	chr1	243552923	-	A	154	chr1:243552728-243552943
## 2205	chr1	243552924	+	T	51	chr1:243552728-243552943
## 2206	chr1	243552924	-	T	159	chr1:243552728-243552943
## 2207	chr1	243552925	+	A	51	chr1:243552728-243552943
## 2208	chr1	243552925	-	A	160	chr1:243552728-243552943
## 2209	chr1	243552926	+	G	51	chr1:243552728-243552943
## 2210	chr1	243552926	-	G	160	chr1:243552728-243552943

## 2211	chr1 243552927	-	A	1	chr1:243552728-243552943
## 2212	chr1 243552927	-	G	1	chr1:243552728-243552943
## 2213	chr1 243552927	+	T	51	chr1:243552728-243552943
## 2214	chr1 243552927	-	T	165	chr1:243552728-243552943
## 2215	chr1 243552928	+	C	47	chr1:243552728-243552943
## 2216	chr1 243552928	-	C	170	chr1:243552728-243552943
## 2217	chr1 243552929	+	A	47	chr1:243552728-243552943
## 2218	chr1 243552929	-	A	170	chr1:243552728-243552943
## 2219	chr1 243552930	+	T	47	chr1:243552728-243552943
## 2220	chr1 243552930	-	T	167	chr1:243552728-243552943
## 2221	chr1 243552931	+	T	47	chr1:243552728-243552943
## 2222	chr1 243552931	-	T	171	chr1:243552728-243552943
## 2223	chr1 243552932	+	A	42	chr1:243552728-243552943
## 2224	chr1 243552932	-	A	169	chr1:243552728-243552943
## 2225	chr1 243552933	+	T	41	chr1:243552728-243552943
## 2226	chr1 243552933	-	T	167	chr1:243552728-243552943
## 2227	chr1 243552934	+	C	41	chr1:243552728-243552943
## 2228	chr1 243552934	-	C	169	chr1:243552728-243552943
## 2229	chr1 243552935	+	T	34	chr1:243552728-243552943
## 2230	chr1 243552935	-	T	170	chr1:243552728-243552943
## 2231	chr1 243552936	+	T	34	chr1:243552728-243552943
## 2232	chr1 243552936	-	T	165	chr1:243552728-243552943
## 2233	chr1 243552937	+	C	33	chr1:243552728-243552943
## 2234	chr1 243552937	-	C	165	chr1:243552728-243552943
## 2235	chr1 243552938	+	T	33	chr1:243552728-243552943
## 2236	chr1 243552938	-	T	163	chr1:243552728-243552943
## 2237	chr1 243552939	+	A	33	chr1:243552728-243552943
## 2238	chr1 243552939	-	A	165	chr1:243552728-243552943
## 2239	chr1 243552940	+	A	30	chr1:243552728-243552943
## 2240	chr1 243552940	-	A	164	chr1:243552728-243552943
## 2241	chr1 243552941	+	C	30	chr1:243552728-243552943
## 2242	chr1 243552941	-	C	164	chr1:243552728-243552943
## 2243	chr1 243552942	+	A	30	chr1:243552728-243552943
## 2244	chr1 243552942	-	A	167	chr1:243552728-243552943
## 2245	chr1 243552943	+	C	27	chr1:243552728-243552943
## 2246	chr1 243552943	-	C	158	chr1:243552728-243552943
## 2247	chr1 243563719	+	C	145	chr1:243563719-243563848
## 2248	chr1 243563719	-	C	76	chr1:243563719-243563848
## 2249	chr1 243563719	-	G	2	chr1:243563719-243563848
## 2250	chr1 243563720	+	C	152	chr1:243563719-243563848
## 2251	chr1 243563720	-	C	85	chr1:243563719-243563848
## 2252	chr1 243563721	+	T	147	chr1:243563719-243563848
## 2253	chr1 243563721	-	T	85	chr1:243563719-243563848
## 2254	chr1 243563722	+	A	1	chr1:243563719-243563848
## 2255	chr1 243563722	+	C	146	chr1:243563719-243563848
## 2256	chr1 243563722	-	C	86	chr1:243563719-243563848
## 2257	chr1 243563723	+	T	146	chr1:243563719-243563848
## 2258	chr1 243563723	-	T	86	chr1:243563719-243563848
## 2259	chr1 243563724	+	G	146	chr1:243563719-243563848
## 2260	chr1 243563724	-	G	83	chr1:243563719-243563848
## 2261	chr1 243563725	+	G	146	chr1:243563719-243563848
## 2262	chr1 243563725	-	G	82	chr1:243563719-243563848
## 2263	chr1 243563726	+	T	147	chr1:243563719-243563848
## 2264	chr1 243563726	-	T	82	chr1:243563719-243563848

## 2265	chr1 243563727	+	G	141	chr1:243563719-243563848
## 2266	chr1 243563727	-	G	81	chr1:243563719-243563848
## 2267	chr1 243563728	+	C	144	chr1:243563719-243563848
## 2268	chr1 243563728	-	C	79	chr1:243563719-243563848
## 2269	chr1 243563728	+	T	2	chr1:243563719-243563848
## 2270	chr1 243563728	-	T	2	chr1:243563719-243563848
## 2271	chr1 243563729	+	C	148	chr1:243563719-243563848
## 2272	chr1 243563729	-	C	85	chr1:243563719-243563848
## 2273	chr1 243563730	+	A	149	chr1:243563719-243563848
## 2274	chr1 243563730	-	A	89	chr1:243563719-243563848
## 2275	chr1 243563731	+	G	149	chr1:243563719-243563848
## 2276	chr1 243563731	-	G	91	chr1:243563719-243563848
## 2277	chr1 243563732	+	A	146	chr1:243563719-243563848
## 2278	chr1 243563732	-	A	92	chr1:243563719-243563848
## 2279	chr1 243563733	+	T	146	chr1:243563719-243563848
## 2280	chr1 243563733	-	T	89	chr1:243563719-243563848
## 2281	chr1 243563734	+	A	148	chr1:243563719-243563848
## 2282	chr1 243563734	-	A	92	chr1:243563719-243563848
## 2283	chr1 243563735	+	T	148	chr1:243563719-243563848
## 2284	chr1 243563735	-	T	93	chr1:243563719-243563848
## 2285	chr1 243563736	+	T	148	chr1:243563719-243563848
## 2286	chr1 243563736	-	T	95	chr1:243563719-243563848
## 2287	chr1 243563737	+	C	143	chr1:243563719-243563848
## 2288	chr1 243563737	-	C	96	chr1:243563719-243563848
## 2289	chr1 243563738	+	C	1	chr1:243563719-243563848
## 2290	chr1 243563738	+	T	140	chr1:243563719-243563848
## 2291	chr1 243563738	-	T	98	chr1:243563719-243563848
## 2292	chr1 243563739	+	G	142	chr1:243563719-243563848
## 2293	chr1 243563739	-	G	105	chr1:243563719-243563848
## 2294	chr1 243563740	+	G	135	chr1:243563719-243563848
## 2295	chr1 243563740	-	G	108	chr1:243563719-243563848
## 2296	chr1 243563741	+	A	136	chr1:243563719-243563848
## 2297	chr1 243563741	-	A	109	chr1:243563719-243563848
## 2298	chr1 243563742	+	G	136	chr1:243563719-243563848
## 2299	chr1 243563742	-	G	109	chr1:243563719-243563848
## 2300	chr1 243563743	+	T	134	chr1:243563719-243563848
## 2301	chr1 243563743	-	T	109	chr1:243563719-243563848
## 2302	chr1 243563744	+	G	137	chr1:243563719-243563848
## 2303	chr1 243563744	-	G	113	chr1:243563719-243563848
## 2304	chr1 243563745	-	-	1	chr1:243563719-243563848
## 2305	chr1 243563745	+	C	138	chr1:243563719-243563848
## 2306	chr1 243563745	-	C	111	chr1:243563719-243563848
## 2307	chr1 243563746	+	C	139	chr1:243563719-243563848
## 2308	chr1 243563746	-	C	112	chr1:243563719-243563848
## 2309	chr1 243563747	+	A	139	chr1:243563719-243563848
## 2310	chr1 243563747	-	A	112	chr1:243563719-243563848
## 2311	chr1 243563748	+	C	140	chr1:243563719-243563848
## 2312	chr1 243563748	-	C	112	chr1:243563719-243563848
## 2313	chr1 243563749	+	A	140	chr1:243563719-243563848
## 2314	chr1 243563749	-	A	112	chr1:243563719-243563848
## 2315	chr1 243563750	+	G	141	chr1:243563719-243563848
## 2316	chr1 243563750	-	G	112	chr1:243563719-243563848
## 2317	chr1 243563751	+	A	142	chr1:243563719-243563848
## 2318	chr1 243563751	-	A	112	chr1:243563719-243563848

## 2319	chr1 243563752	+	A 141	chr1:243563719-243563848
## 2320	chr1 243563752	-	A 113	chr1:243563719-243563848
## 2321	chr1 243563753	+	T 138	chr1:243563719-243563848
## 2322	chr1 243563753	-	T 111	chr1:243563719-243563848
## 2323	chr1 243563754	+	G 139	chr1:243563719-243563848
## 2324	chr1 243563754	-	G 111	chr1:243563719-243563848
## 2325	chr1 243563754	-	T 1	chr1:243563719-243563848
## 2326	chr1 243563755	+	T 139	chr1:243563719-243563848
## 2327	chr1 243563755	-	T 112	chr1:243563719-243563848
## 2328	chr1 243563756	+	C 140	chr1:243563719-243563848
## 2329	chr1 243563756	-	C 112	chr1:243563719-243563848
## 2330	chr1 243563757	+	T 137	chr1:243563719-243563848
## 2331	chr1 243563757	-	T 112	chr1:243563719-243563848
## 2332	chr1 243563758	+	T 136	chr1:243563719-243563848
## 2333	chr1 243563758	-	T 110	chr1:243563719-243563848
## 2334	chr1 243563759	+	C 137	chr1:243563719-243563848
## 2335	chr1 243563759	-	C 110	chr1:243563719-243563848
## 2336	chr1 243563760	+	A 138	chr1:243563719-243563848
## 2337	chr1 243563760	-	A 110	chr1:243563719-243563848
## 2338	chr1 243563761	+	T 138	chr1:243563719-243563848
## 2339	chr1 243563761	-	T 110	chr1:243563719-243563848
## 2340	chr1 243563762	+	G 126	chr1:243563719-243563848
## 2341	chr1 243563762	-	G 111	chr1:243563719-243563848
## 2342	chr1 243563763	+	G 125	chr1:243563719-243563848
## 2343	chr1 243563763	-	G 111	chr1:243563719-243563848
## 2344	chr1 243563764	+	T 124	chr1:243563719-243563848
## 2345	chr1 243563764	-	T 111	chr1:243563719-243563848
## 2346	chr1 243563765	+	G 128	chr1:243563719-243563848
## 2347	chr1 243563765	-	G 112	chr1:243563719-243563848
## 2348	chr1 243563766	+	G 125	chr1:243563719-243563848
## 2349	chr1 243563766	-	G 108	chr1:243563719-243563848
## 2350	chr1 243563767	+	C 123	chr1:243563719-243563848
## 2351	chr1 243563767	-	C 103	chr1:243563719-243563848
## 2352	chr1 243563768	+	T 121	chr1:243563719-243563848
## 2353	chr1 243563768	-	T 104	chr1:243563719-243563848
## 2354	chr1 243563769	+	G 120	chr1:243563719-243563848
## 2355	chr1 243563769	-	G 104	chr1:243563719-243563848
## 2356	chr1 243563769	+	T 1	chr1:243563719-243563848
## 2357	chr1 243563769	-	T 1	chr1:243563719-243563848
## 2358	chr1 243563770	+	C 111	chr1:243563719-243563848
## 2359	chr1 243563770	-	C 104	chr1:243563719-243563848
## 2360	chr1 243563771	+	A 114	chr1:243563719-243563848
## 2361	chr1 243563771	-	A 104	chr1:243563719-243563848
## 2362	chr1 243563772	+	T 114	chr1:243563719-243563848
## 2363	chr1 243563772	-	T 102	chr1:243563719-243563848
## 2364	chr1 243563773	+	C 113	chr1:243563719-243563848
## 2365	chr1 243563773	-	C 101	chr1:243563719-243563848
## 2366	chr1 243563774	+	T 106	chr1:243563719-243563848
## 2367	chr1 243563774	-	T 97	chr1:243563719-243563848
## 2368	chr1 243563775	+	G 106	chr1:243563719-243563848
## 2369	chr1 243563775	-	G 95	chr1:243563719-243563848
## 2370	chr1 243563776	+	T 108	chr1:243563719-243563848
## 2371	chr1 243563776	-	T 93	chr1:243563719-243563848
## 2372	chr1 243563777	+	G 104	chr1:243563719-243563848

## 2373	chr1 243563777	-	G	93	chr1:243563719-243563848
## 2374	chr1 243563778	+	A	102	chr1:243563719-243563848
## 2375	chr1 243563778	-	A	97	chr1:243563719-243563848
## 2376	chr1 243563779	+	T	100	chr1:243563719-243563848
## 2377	chr1 243563779	-	T	97	chr1:243563719-243563848
## 2378	chr1 243563780	+	C	96	chr1:243563719-243563848
## 2379	chr1 243563780	-	C	96	chr1:243563719-243563848
## 2380	chr1 243563781	+	C	96	chr1:243563719-243563848
## 2381	chr1 243563781	-	C	97	chr1:243563719-243563848
## 2382	chr1 243563782	+	C	97	chr1:243563719-243563848
## 2383	chr1 243563782	-	C	98	chr1:243563719-243563848
## 2384	chr1 243563783	+	T	96	chr1:243563719-243563848
## 2385	chr1 243563783	-	T	104	chr1:243563719-243563848
## 2386	chr1 243563784	+	T	98	chr1:243563719-243563848
## 2387	chr1 243563784	-	T	105	chr1:243563719-243563848
## 2388	chr1 243563785	+	C	97	chr1:243563719-243563848
## 2389	chr1 243563785	-	C	104	chr1:243563719-243563848
## 2390	chr1 243563786	+	T	99	chr1:243563719-243563848
## 2391	chr1 243563786	-	T	101	chr1:243563719-243563848
## 2392	chr1 243563787	+	T	99	chr1:243563719-243563848
## 2393	chr1 243563787	-	T	99	chr1:243563719-243563848
## 2394	chr1 243563788	+	A	1	chr1:243563719-243563848
## 2395	chr1 243563788	-	A	1	chr1:243563719-243563848
## 2396	chr1 243563788	+	T	102	chr1:243563719-243563848
## 2397	chr1 243563788	-	T	96	chr1:243563719-243563848
## 2398	chr1 243563789	+	G	106	chr1:243563719-243563848
## 2399	chr1 243563789	-	G	97	chr1:243563719-243563848
## 2400	chr1 243563790	+	C	106	chr1:243563719-243563848
## 2401	chr1 243563790	-	C	98	chr1:243563719-243563848
## 2402	chr1 243563791	+	A	110	chr1:243563719-243563848
## 2403	chr1 243563791	-	A	99	chr1:243563719-243563848
## 2404	chr1 243563792	+	A	112	chr1:243563719-243563848
## 2405	chr1 243563792	-	A	95	chr1:243563719-243563848
## 2406	chr1 243563793	+	A	113	chr1:243563719-243563848
## 2407	chr1 243563793	-	A	94	chr1:243563719-243563848
## 2408	chr1 243563794	+	G	111	chr1:243563719-243563848
## 2409	chr1 243563794	-	G	94	chr1:243563719-243563848
## 2410	chr1 243563795	+	T	106	chr1:243563719-243563848
## 2411	chr1 243563795	-	T	87	chr1:243563719-243563848
## 2412	chr1 243563796	+	C	107	chr1:243563719-243563848
## 2413	chr1 243563796	-	C	91	chr1:243563719-243563848
## 2414	chr1 243563797	+	A	1	chr1:243563719-243563848
## 2415	chr1 243563797	+	C	107	chr1:243563719-243563848
## 2416	chr1 243563797	-	C	90	chr1:243563719-243563848
## 2417	chr1 243563798	+	A	108	chr1:243563719-243563848
## 2418	chr1 243563798	-	A	93	chr1:243563719-243563848
## 2419	chr1 243563799	+	A	109	chr1:243563719-243563848
## 2420	chr1 243563799	-	A	93	chr1:243563719-243563848
## 2421	chr1 243563800	+	A	109	chr1:243563719-243563848
## 2422	chr1 243563800	-	A	93	chr1:243563719-243563848
## 2423	chr1 243563801	+	A	108	chr1:243563719-243563848
## 2424	chr1 243563801	-	A	94	chr1:243563719-243563848
## 2425	chr1 243563802	+	A	1	chr1:243563719-243563848
## 2426	chr1 243563802	+	T	110	chr1:243563719-243563848

## 2427	chr1	243563802	-	T	98	chr1:243563719-243563848
## 2428	chr1	243563803	+	C	106	chr1:243563719-243563848
## 2429	chr1	243563803	-	C	102	chr1:243563719-243563848
## 2430	chr1	243563804	+	T	106	chr1:243563719-243563848
## 2431	chr1	243563804	-	T	100	chr1:243563719-243563848
## 2432	chr1	243563805	+	G	107	chr1:243563719-243563848
## 2433	chr1	243563805	-	G	98	chr1:243563719-243563848
## 2434	chr1	243563806	+	T	109	chr1:243563719-243563848
## 2435	chr1	243563806	-	T	96	chr1:243563719-243563848
## 2436	chr1	243563807	+	A	108	chr1:243563719-243563848
## 2437	chr1	243563807	-	A	96	chr1:243563719-243563848
## 2438	chr1	243563808	+	A	109	chr1:243563719-243563848
## 2439	chr1	243563808	-	A	96	chr1:243563719-243563848
## 2440	chr1	243563809	+	T	105	chr1:243563719-243563848
## 2441	chr1	243563809	-	T	96	chr1:243563719-243563848
## 2442	chr1	243563810	+	T	104	chr1:243563719-243563848
## 2443	chr1	243563810	-	T	94	chr1:243563719-243563848
## 2444	chr1	243563811	+	T	104	chr1:243563719-243563848
## 2445	chr1	243563811	-	T	90	chr1:243563719-243563848
## 2446	chr1	243563812	+	T	105	chr1:243563719-243563848
## 2447	chr1	243563812	-	T	89	chr1:243563719-243563848
## 2448	chr1	243563813	+	T	105	chr1:243563719-243563848
## 2449	chr1	243563813	-	T	87	chr1:243563719-243563848
## 2450	chr1	243563814	+	A	104	chr1:243563719-243563848
## 2451	chr1	243563814	-	A	82	chr1:243563719-243563848
## 2452	chr1	243563815	+	T	104	chr1:243563719-243563848
## 2453	chr1	243563815	-	T	81	chr1:243563719-243563848
## 2454	chr1	243563816	-	A	1	chr1:243563719-243563848
## 2455	chr1	243563816	+	G	103	chr1:243563719-243563848
## 2456	chr1	243563816	-	G	78	chr1:243563719-243563848
## 2457	chr1	243563817	+	C	1	chr1:243563719-243563848
## 2458	chr1	243563817	+	T	96	chr1:243563719-243563848
## 2459	chr1	243563817	-	T	85	chr1:243563719-243563848
## 2460	chr1	243563818	+	G	97	chr1:243563719-243563848
## 2461	chr1	243563818	-	G	90	chr1:243563719-243563848
## 2462	chr1	243563819	+	G	94	chr1:243563719-243563848
## 2463	chr1	243563819	-	G	86	chr1:243563719-243563848
## 2464	chr1	243563820	+	C	93	chr1:243563719-243563848
## 2465	chr1	243563820	-	C	86	chr1:243563719-243563848
## 2466	chr1	243563821	+	C	92	chr1:243563719-243563848
## 2467	chr1	243563821	-	C	86	chr1:243563719-243563848
## 2468	chr1	243563822	+	A	91	chr1:243563719-243563848
## 2469	chr1	243563822	-	A	87	chr1:243563719-243563848
## 2470	chr1	243563823	+	T	90	chr1:243563719-243563848
## 2471	chr1	243563823	-	T	89	chr1:243563719-243563848
## 2472	chr1	243563824	+	C	89	chr1:243563719-243563848
## 2473	chr1	243563824	-	C	90	chr1:243563719-243563848
## 2474	chr1	243563825	+	T	88	chr1:243563719-243563848
## 2475	chr1	243563825	-	T	95	chr1:243563719-243563848
## 2476	chr1	243563826	+	T	87	chr1:243563719-243563848
## 2477	chr1	243563826	-	T	95	chr1:243563719-243563848
## 2478	chr1	243563827	+	T	87	chr1:243563719-243563848
## 2479	chr1	243563827	-	T	94	chr1:243563719-243563848
## 2480	chr1	243563828	+	G	86	chr1:243563719-243563848

## 2481	chr1	243563828	-	G	94	chr1:243563719-243563848
## 2482	chr1	243563829	-	G	1	chr1:243563719-243563848
## 2483	chr1	243563829	+	T	85	chr1:243563719-243563848
## 2484	chr1	243563829	-	T	92	chr1:243563719-243563848
## 2485	chr1	243563830	-	-	1	chr1:243563719-243563848
## 2486	chr1	243563830	+	C	84	chr1:243563719-243563848
## 2487	chr1	243563830	-	C	93	chr1:243563719-243563848
## 2488	chr1	243563831	-	-	1	chr1:243563719-243563848
## 2489	chr1	243563831	+	C	83	chr1:243563719-243563848
## 2490	chr1	243563831	-	C	102	chr1:243563719-243563848
## 2491	chr1	243563832	+	A	82	chr1:243563719-243563848
## 2492	chr1	243563832	-	A	106	chr1:243563719-243563848
## 2493	chr1	243563832	+	T	1	chr1:243563719-243563848
## 2494	chr1	243563833	+	G	81	chr1:243563719-243563848
## 2495	chr1	243563833	-	G	107	chr1:243563719-243563848
## 2496	chr1	243563834	+	C	78	chr1:243563719-243563848
## 2497	chr1	243563834	-	C	108	chr1:243563719-243563848
## 2498	chr1	243563835	+	A	75	chr1:243563719-243563848
## 2499	chr1	243563835	-	A	108	chr1:243563719-243563848
## 2500	chr1	243563836	+	T	72	chr1:243563719-243563848
## 2501	chr1	243563836	-	T	110	chr1:243563719-243563848
## 2502	chr1	243563837	+	T	72	chr1:243563719-243563848
## 2503	chr1	243563837	-	T	111	chr1:243563719-243563848
## 2504	chr1	243563838	+	A	72	chr1:243563719-243563848
## 2505	chr1	243563838	-	A	112	chr1:243563719-243563848
## 2506	chr1	243563839	+	G	70	chr1:243563719-243563848
## 2507	chr1	243563839	-	G	112	chr1:243563719-243563848
## 2508	chr1	243563840	+	A	65	chr1:243563719-243563848
## 2509	chr1	243563840	-	A	117	chr1:243563719-243563848
## 2510	chr1	243563841	+	T	65	chr1:243563719-243563848
## 2511	chr1	243563841	-	T	117	chr1:243563719-243563848
## 2512	chr1	243563842	+	T	64	chr1:243563719-243563848
## 2513	chr1	243563842	-	T	121	chr1:243563719-243563848
## 2514	chr1	243563843	+	C	63	chr1:243563719-243563848
## 2515	chr1	243563843	-	C	122	chr1:243563719-243563848
## 2516	chr1	243563844	+	T	62	chr1:243563719-243563848
## 2517	chr1	243563844	-	T	123	chr1:243563719-243563848
## 2518	chr1	243563845	+	C	60	chr1:243563719-243563848
## 2519	chr1	243563845	-	C	123	chr1:243563719-243563848
## 2520	chr1	243563846	+	C	54	chr1:243563719-243563848
## 2521	chr1	243563846	-	C	122	chr1:243563719-243563848
## 2522	chr1	243563847	+	A	54	chr1:243563719-243563848
## 2523	chr1	243563847	-	A	121	chr1:243563719-243563848
## 2524	chr1	243563848	+	A	51	chr1:243563719-243563848
## 2525	chr1	243563848	-	A	121	chr1:243563719-243563848
## 2526	chr1	243572925	+	C	54	chr1:243572925-243573048
## 2527	chr1	243572925	-	C	13	chr1:243572925-243573048
## 2528	chr1	243572926	+	A	1	chr1:243572925-243573048
## 2529	chr1	243572926	+	C	55	chr1:243572925-243573048
## 2530	chr1	243572926	-	C	13	chr1:243572925-243573048
## 2531	chr1	243572926	+	G	1	chr1:243572925-243573048
## 2532	chr1	243572927	+	T	59	chr1:243572925-243573048
## 2533	chr1	243572927	-	T	13	chr1:243572925-243573048
## 2534	chr1	243572928	+	T	56	chr1:243572925-243573048

## 2535	chr1	243572928	-	T	13	chr1:243572925-243573048
## 2536	chr1	243572929	+	G	54	chr1:243572925-243573048
## 2537	chr1	243572929	-	G	13	chr1:243572925-243573048
## 2538	chr1	243572930	+	A	53	chr1:243572925-243573048
## 2539	chr1	243572930	-	A	14	chr1:243572925-243573048
## 2540	chr1	243572931	+	G	56	chr1:243572925-243573048
## 2541	chr1	243572931	-	G	14	chr1:243572925-243573048
## 2542	chr1	243572932	+	A	53	chr1:243572925-243573048
## 2543	chr1	243572932	-	A	14	chr1:243572925-243573048
## 2544	chr1	243572933	+	T	57	chr1:243572925-243573048
## 2545	chr1	243572933	-	T	14	chr1:243572925-243573048
## 2546	chr1	243572934	+	C	62	chr1:243572925-243573048
## 2547	chr1	243572934	-	C	14	chr1:243572925-243573048
## 2548	chr1	243572935	+	A	64	chr1:243572925-243573048
## 2549	chr1	243572935	-	A	16	chr1:243572925-243573048
## 2550	chr1	243572936	+	C	64	chr1:243572925-243573048
## 2551	chr1	243572936	-	C	17	chr1:243572925-243573048
## 2552	chr1	243572937	+	G	66	chr1:243572925-243573048
## 2553	chr1	243572937	-	G	17	chr1:243572925-243573048
## 2554	chr1	243572938	+	G	66	chr1:243572925-243573048
## 2555	chr1	243572938	-	G	19	chr1:243572925-243573048
## 2556	chr1	243572939	+	T	66	chr1:243572925-243573048
## 2557	chr1	243572939	-	T	20	chr1:243572925-243573048
## 2558	chr1	243572940	+	A	66	chr1:243572925-243573048
## 2559	chr1	243572940	-	A	22	chr1:243572925-243573048
## 2560	chr1	243572941	+	C	66	chr1:243572925-243573048
## 2561	chr1	243572941	-	C	22	chr1:243572925-243573048
## 2562	chr1	243572942	+	A	66	chr1:243572925-243573048
## 2563	chr1	243572942	-	A	23	chr1:243572925-243573048
## 2564	chr1	243572943	+	C	69	chr1:243572925-243573048
## 2565	chr1	243572943	-	C	23	chr1:243572925-243573048
## 2566	chr1	243572944	+	A	73	chr1:243572925-243573048
## 2567	chr1	243572944	-	A	23	chr1:243572925-243573048
## 2568	chr1	243572945	+	A	73	chr1:243572925-243573048
## 2569	chr1	243572945	-	A	23	chr1:243572925-243573048
## 2570	chr1	243572946	+	T	73	chr1:243572925-243573048
## 2571	chr1	243572946	-	T	23	chr1:243572925-243573048
## 2572	chr1	243572947	+	A	1	chr1:243572925-243573048
## 2573	chr1	243572947	+	C	75	chr1:243572925-243573048
## 2574	chr1	243572947	-	C	23	chr1:243572925-243573048
## 2575	chr1	243572948	+	T	76	chr1:243572925-243573048
## 2576	chr1	243572948	-	T	23	chr1:243572925-243573048
## 2577	chr1	243572949	+	T	77	chr1:243572925-243573048
## 2578	chr1	243572949	-	T	26	chr1:243572925-243573048
## 2579	chr1	243572950	+	T	77	chr1:243572925-243573048
## 2580	chr1	243572950	-	T	26	chr1:243572925-243573048
## 2581	chr1	243572951	+	C	77	chr1:243572925-243573048
## 2582	chr1	243572951	-	C	27	chr1:243572925-243573048
## 2583	chr1	243572952	+	C	85	chr1:243572925-243573048
## 2584	chr1	243572952	-	C	28	chr1:243572925-243573048
## 2585	chr1	243572952	+	T	1	chr1:243572925-243573048
## 2586	chr1	243572953	+	G	87	chr1:243572925-243573048
## 2587	chr1	243572953	-	G	28	chr1:243572925-243573048
## 2588	chr1	243572954	+	G	87	chr1:243572925-243573048

## 2589	chr1 243572954	-	G	30	chr1:243572925-243573048
## 2590	chr1 243572955	+	A	87	chr1:243572925-243573048
## 2591	chr1 243572955	-	A	35	chr1:243572925-243573048
## 2592	chr1 243572956	+	A	89	chr1:243572925-243573048
## 2593	chr1 243572956	-	A	36	chr1:243572925-243573048
## 2594	chr1 243572957	+	T	90	chr1:243572925-243573048
## 2595	chr1 243572957	-	T	36	chr1:243572925-243573048
## 2596	chr1 243572958	+	G	91	chr1:243572925-243573048
## 2597	chr1 243572958	-	G	36	chr1:243572925-243573048
## 2598	chr1 243572959	+	T	91	chr1:243572925-243573048
## 2599	chr1 243572959	-	T	37	chr1:243572925-243573048
## 2600	chr1 243572960	+	A	91	chr1:243572925-243573048
## 2601	chr1 243572960	-	A	36	chr1:243572925-243573048
## 2602	chr1 243572960	-	G	1	chr1:243572925-243573048
## 2603	chr1 243572961	+	G	91	chr1:243572925-243573048
## 2604	chr1 243572961	-	G	36	chr1:243572925-243573048
## 2605	chr1 243572962	+	A	93	chr1:243572925-243573048
## 2606	chr1 243572962	-	A	36	chr1:243572925-243573048
## 2607	chr1 243572963	+	T	93	chr1:243572925-243573048
## 2608	chr1 243572963	-	T	37	chr1:243572925-243573048
## 2609	chr1 243572964	+	A	94	chr1:243572925-243573048
## 2610	chr1 243572964	-	A	36	chr1:243572925-243573048
## 2611	chr1 243572965	+	G	94	chr1:243572925-243573048
## 2612	chr1 243572965	-	G	38	chr1:243572925-243573048
## 2613	chr1 243572966	+	T	94	chr1:243572925-243573048
## 2614	chr1 243572966	-	T	40	chr1:243572925-243573048
## 2615	chr1 243572967	+	C	96	chr1:243572925-243573048
## 2616	chr1 243572967	-	C	39	chr1:243572925-243573048
## 2617	chr1 243572968	+	C	94	chr1:243572925-243573048
## 2618	chr1 243572968	-	C	39	chr1:243572925-243573048
## 2619	chr1 243572968	+	G	1	chr1:243572925-243573048
## 2620	chr1 243572969	+	A	95	chr1:243572925-243573048
## 2621	chr1 243572969	-	A	39	chr1:243572925-243573048
## 2622	chr1 243572970	+	A	95	chr1:243572925-243573048
## 2623	chr1 243572970	-	A	40	chr1:243572925-243573048
## 2624	chr1 243572971	+	G	96	chr1:243572925-243573048
## 2625	chr1 243572971	-	G	40	chr1:243572925-243573048
## 2626	chr1 243572971	-	T	1	chr1:243572925-243573048
## 2627	chr1 243572972	+	G	96	chr1:243572925-243573048
## 2628	chr1 243572972	-	G	42	chr1:243572925-243573048
## 2629	chr1 243572973	+	C	96	chr1:243572925-243573048
## 2630	chr1 243572973	-	C	43	chr1:243572925-243573048
## 2631	chr1 243572974	+	A	96	chr1:243572925-243573048
## 2632	chr1 243572974	-	A	50	chr1:243572925-243573048
## 2633	chr1 243572975	+	G	98	chr1:243572925-243573048
## 2634	chr1 243572975	-	G	49	chr1:243572925-243573048
## 2635	chr1 243572975	-	T	1	chr1:243572925-243573048
## 2636	chr1 243572976	+	A	98	chr1:243572925-243573048
## 2637	chr1 243572976	-	A	53	chr1:243572925-243573048
## 2638	chr1 243572977	+	G	98	chr1:243572925-243573048
## 2639	chr1 243572977	-	G	53	chr1:243572925-243573048
## 2640	chr1 243572978	+	A	99	chr1:243572925-243573048
## 2641	chr1 243572978	-	A	56	chr1:243572925-243573048
## 2642	chr1 243572978	+	T	1	chr1:243572925-243573048

## 2643	chr1	243572978	-	T	1	chr1:243572925-243573048
## 2644	chr1	243572979	+	C	104	chr1:243572925-243573048
## 2645	chr1	243572979	-	C	57	chr1:243572925-243573048
## 2646	chr1	243572980	+	A	104	chr1:243572925-243573048
## 2647	chr1	243572980	-	A	58	chr1:243572925-243573048
## 2648	chr1	243572981	+	A	114	chr1:243572925-243573048
## 2649	chr1	243572981	-	A	60	chr1:243572925-243573048
## 2650	chr1	243572982	+	T	114	chr1:243572925-243573048
## 2651	chr1	243572982	-	T	62	chr1:243572925-243573048
## 2652	chr1	243572983	+	T	116	chr1:243572925-243573048
## 2653	chr1	243572983	-	T	62	chr1:243572925-243573048
## 2654	chr1	243572984	+	T	117	chr1:243572925-243573048
## 2655	chr1	243572984	-	T	61	chr1:243572925-243573048
## 2656	chr1	243572985	+	C	119	chr1:243572925-243573048
## 2657	chr1	243572985	-	C	65	chr1:243572925-243573048
## 2658	chr1	243572986	+	T	124	chr1:243572925-243573048
## 2659	chr1	243572986	-	T	65	chr1:243572925-243573048
## 2660	chr1	243572987	+	G	124	chr1:243572925-243573048
## 2661	chr1	243572987	-	G	68	chr1:243572925-243573048
## 2662	chr1	243572988	+	C	125	chr1:243572925-243573048
## 2663	chr1	243572988	-	C	67	chr1:243572925-243573048
## 2664	chr1	243572989	+	A	126	chr1:243572925-243573048
## 2665	chr1	243572989	-	A	70	chr1:243572925-243573048
## 2666	chr1	243572990	+	C	126	chr1:243572925-243573048
## 2667	chr1	243572990	-	C	70	chr1:243572925-243573048
## 2668	chr1	243572991	+	A	1	chr1:243572925-243573048
## 2669	chr1	243572991	+	C	125	chr1:243572925-243573048
## 2670	chr1	243572991	-	C	73	chr1:243572925-243573048
## 2671	chr1	243572992	+	A	125	chr1:243572925-243573048
## 2672	chr1	243572992	-	A	75	chr1:243572925-243573048
## 2673	chr1	243572993	+	T	125	chr1:243572925-243573048
## 2674	chr1	243572993	-	T	75	chr1:243572925-243573048
## 2675	chr1	243572994	+	A	125	chr1:243572925-243573048
## 2676	chr1	243572994	-	A	70	chr1:243572925-243573048
## 2677	chr1	243572995	+	G	126	chr1:243572925-243573048
## 2678	chr1	243572995	-	G	71	chr1:243572925-243573048
## 2679	chr1	243572996	+	A	127	chr1:243572925-243573048
## 2680	chr1	243572996	-	A	70	chr1:243572925-243573048
## 2681	chr1	243572996	+	C	1	chr1:243572925-243573048
## 2682	chr1	243572997	+	A	123	chr1:243572925-243573048
## 2683	chr1	243572997	-	A	70	chr1:243572925-243573048
## 2684	chr1	243572998	+	A	111	chr1:243572925-243573048
## 2685	chr1	243572998	-	A	68	chr1:243572925-243573048
## 2686	chr1	243572998	+	T	1	chr1:243572925-243573048
## 2687	chr1	243572999	+	C	111	chr1:243572925-243573048
## 2688	chr1	243572999	-	C	68	chr1:243572925-243573048
## 2689	chr1	243572999	+	T	1	chr1:243572925-243573048
## 2690	chr1	243573000	+	G	105	chr1:243572925-243573048
## 2691	chr1	243573000	-	G	68	chr1:243572925-243573048
## 2692	chr1	243573001	+	C	1	chr1:243572925-243573048
## 2693	chr1	243573001	+	T	98	chr1:243572925-243573048
## 2694	chr1	243573001	-	T	68	chr1:243572925-243573048
## 2695	chr1	243573002	+	G	98	chr1:243572925-243573048
## 2696	chr1	243573002	-	G	68	chr1:243572925-243573048

## 2697	chr1 243573002	-	T	1	chr1:243572925-243573048
## 2698	chr1 243573003	+	T	101	chr1:243572925-243573048
## 2699	chr1 243573003	-	T	72	chr1:243572925-243573048
## 2700	chr1 243573004	+	G	100	chr1:243572925-243573048
## 2701	chr1 243573004	-	G	71	chr1:243572925-243573048
## 2702	chr1 243573004	-	T	1	chr1:243572925-243573048
## 2703	chr1 243573005	+	C	102	chr1:243572925-243573048
## 2704	chr1 243573005	-	C	69	chr1:243572925-243573048
## 2705	chr1 243573006	+	G	98	chr1:243572925-243573048
## 2706	chr1 243573006	-	G	69	chr1:243572925-243573048
## 2707	chr1 243573007	+	G	97	chr1:243572925-243573048
## 2708	chr1 243573007	-	G	70	chr1:243572925-243573048
## 2709	chr1 243573008	+	T	95	chr1:243572925-243573048
## 2710	chr1 243573008	-	T	72	chr1:243572925-243573048
## 2711	chr1 243573009	+	C	90	chr1:243572925-243573048
## 2712	chr1 243573009	-	C	75	chr1:243572925-243573048
## 2713	chr1 243573010	+	C	88	chr1:243572925-243573048
## 2714	chr1 243573010	-	C	74	chr1:243572925-243573048
## 2715	chr1 243573011	+	T	88	chr1:243572925-243573048
## 2716	chr1 243573011	-	T	77	chr1:243572925-243573048
## 2717	chr1 243573012	+	C	90	chr1:243572925-243573048
## 2718	chr1 243573012	-	C	77	chr1:243572925-243573048
## 2719	chr1 243573013	+	A	92	chr1:243572925-243573048
## 2720	chr1 243573013	-	A	77	chr1:243572925-243573048
## 2721	chr1 243573014	+	G	98	chr1:243572925-243573048
## 2722	chr1 243573014	-	G	77	chr1:243572925-243573048
## 2723	chr1 243573015	+	A	104	chr1:243572925-243573048
## 2724	chr1 243573015	-	A	75	chr1:243572925-243573048
## 2725	chr1 243573016	+	G	104	chr1:243572925-243573048
## 2726	chr1 243573016	-	G	77	chr1:243572925-243573048
## 2727	chr1 243573017	+	A	104	chr1:243572925-243573048
## 2728	chr1 243573017	-	A	77	chr1:243572925-243573048
## 2729	chr1 243573018	+	A	101	chr1:243572925-243573048
## 2730	chr1 243573018	-	A	78	chr1:243572925-243573048
## 2731	chr1 243573019	+	C	101	chr1:243572925-243573048
## 2732	chr1 243573019	-	C	81	chr1:243572925-243573048
## 2733	chr1 243573019	+	T	1	chr1:243572925-243573048
## 2734	chr1 243573020	+	A	104	chr1:243572925-243573048
## 2735	chr1 243573020	-	A	84	chr1:243572925-243573048
## 2736	chr1 243573021	+	C	104	chr1:243572925-243573048
## 2737	chr1 243573021	-	C	84	chr1:243572925-243573048
## 2738	chr1 243573022	+	C	102	chr1:243572925-243573048
## 2739	chr1 243573022	-	C	85	chr1:243572925-243573048
## 2740	chr1 243573023	+	C	101	chr1:243572925-243573048
## 2741	chr1 243573023	-	C	84	chr1:243572925-243573048
## 2742	chr1 243573023	+	T	2	chr1:243572925-243573048
## 2743	chr1 243573024	+	G	105	chr1:243572925-243573048
## 2744	chr1 243573024	-	G	80	chr1:243572925-243573048
## 2745	chr1 243573024	-	T	1	chr1:243572925-243573048
## 2746	chr1 243573025	+	C	107	chr1:243572925-243573048
## 2747	chr1 243573025	-	C	83	chr1:243572925-243573048
## 2748	chr1 243573026	+	T	106	chr1:243572925-243573048
## 2749	chr1 243573026	-	T	85	chr1:243572925-243573048
## 2750	chr1 243573027	+	C	99	chr1:243572925-243573048

## 2751	chr1 243573027	-	C	85	chr1:243572925-243573048
## 2752	chr1 243573028	+	T	98	chr1:243572925-243573048
## 2753	chr1 243573028	-	T	85	chr1:243572925-243573048
## 2754	chr1 243573029	+	C	99	chr1:243572925-243573048
## 2755	chr1 243573029	-	C	86	chr1:243572925-243573048
## 2756	chr1 243573030	+	T	100	chr1:243572925-243573048
## 2757	chr1 243573030	-	T	87	chr1:243572925-243573048
## 2758	chr1 243573031	-	A	1	chr1:243572925-243573048
## 2759	chr1 243573031	+	C	98	chr1:243572925-243573048
## 2760	chr1 243573031	-	C	88	chr1:243572925-243573048
## 2761	chr1 243573032	+	G	98	chr1:243572925-243573048
## 2762	chr1 243573032	-	G	92	chr1:243572925-243573048
## 2763	chr1 243573033	+	A	99	chr1:243572925-243573048
## 2764	chr1 243573033	-	A	97	chr1:243572925-243573048
## 2765	chr1 243573034	+	C	99	chr1:243572925-243573048
## 2766	chr1 243573034	-	C	98	chr1:243572925-243573048
## 2767	chr1 243573035	+	A	102	chr1:243572925-243573048
## 2768	chr1 243573035	-	A	98	chr1:243572925-243573048
## 2769	chr1 243573036	+	A	102	chr1:243572925-243573048
## 2770	chr1 243573036	-	A	97	chr1:243572925-243573048
## 2771	chr1 243573037	+	A	99	chr1:243572925-243573048
## 2772	chr1 243573037	-	A	96	chr1:243572925-243573048
## 2773	chr1 243573038	+	T	99	chr1:243572925-243573048
## 2774	chr1 243573038	-	T	95	chr1:243572925-243573048
## 2775	chr1 243573039	+	G	100	chr1:243572925-243573048
## 2776	chr1 243573039	-	G	95	chr1:243572925-243573048
## 2777	chr1 243573040	+	G	101	chr1:243572925-243573048
## 2778	chr1 243573040	-	G	92	chr1:243572925-243573048
## 2779	chr1 243573041	+	A	104	chr1:243572925-243573048
## 2780	chr1 243573041	-	A	97	chr1:243572925-243573048
## 2781	chr1 243573042	+	A	102	chr1:243572925-243573048
## 2782	chr1 243573042	-	A	97	chr1:243572925-243573048
## 2783	chr1 243573043	+	A	102	chr1:243572925-243573048
## 2784	chr1 243573043	-	A	98	chr1:243572925-243573048
## 2785	chr1 243573044	+	A	107	chr1:243572925-243573048
## 2786	chr1 243573044	-	A	98	chr1:243572925-243573048
## 2787	chr1 243573045	+	A	107	chr1:243572925-243573048
## 2788	chr1 243573045	-	A	99	chr1:243572925-243573048
## 2789	chr1 243573046	+	C	108	chr1:243572925-243573048
## 2790	chr1 243573046	-	C	98	chr1:243572925-243573048
## 2791	chr1 243573047	+	A	108	chr1:243572925-243573048
## 2792	chr1 243573047	-	A	100	chr1:243572925-243573048
## 2793	chr1 243573048	+	G	108	chr1:243572925-243573048
## 2794	chr1 243573048	-	G	104	chr1:243572925-243573048
## 2795	chr1 243613670	+	C	133	chr1:243613670-243613739
## 2796	chr1 243613670	-	C	67	chr1:243613670-243613739
## 2797	chr1 243613671	+	C	131	chr1:243613670-243613739
## 2798	chr1 243613671	-	C	73	chr1:243613670-243613739
## 2799	chr1 243613672	+	T	130	chr1:243613670-243613739
## 2800	chr1 243613672	-	T	75	chr1:243613670-243613739
## 2801	chr1 243613673	+	C	132	chr1:243613670-243613739
## 2802	chr1 243613673	-	C	78	chr1:243613670-243613739
## 2803	chr1 243613674	+	G	132	chr1:243613670-243613739
## 2804	chr1 243613674	-	G	82	chr1:243613670-243613739

## 2805	chr1	243613675	+	C	130	chr1:243613670-243613739
## 2806	chr1	243613675	-	C	85	chr1:243613670-243613739
## 2807	chr1	243613676	-	A	1	chr1:243613670-243613739
## 2808	chr1	243613676	+	C	128	chr1:243613670-243613739
## 2809	chr1	243613676	-	C	84	chr1:243613670-243613739
## 2810	chr1	243613677	+	C	125	chr1:243613670-243613739
## 2811	chr1	243613677	-	C	86	chr1:243613670-243613739
## 2812	chr1	243613678	+	C	119	chr1:243613670-243613739
## 2813	chr1	243613678	-	C	89	chr1:243613670-243613739
## 2814	chr1	243613679	+	C	119	chr1:243613670-243613739
## 2815	chr1	243613679	-	C	89	chr1:243613670-243613739
## 2816	chr1	243613680	+	A	118	chr1:243613670-243613739
## 2817	chr1	243613680	-	A	89	chr1:243613670-243613739
## 2818	chr1	243613681	+	T	118	chr1:243613670-243613739
## 2819	chr1	243613681	-	T	89	chr1:243613670-243613739
## 2820	chr1	243613682	+	T	117	chr1:243613670-243613739
## 2821	chr1	243613682	-	T	92	chr1:243613670-243613739
## 2822	chr1	243613683	+	A	116	chr1:243613670-243613739
## 2823	chr1	243613683	-	A	92	chr1:243613670-243613739
## 2824	chr1	243613684	+	A	115	chr1:243613670-243613739
## 2825	chr1	243613684	-	A	93	chr1:243613670-243613739
## 2826	chr1	243613685	+	C	116	chr1:243613670-243613739
## 2827	chr1	243613685	-	C	93	chr1:243613670-243613739
## 2828	chr1	243613686	+	A	113	chr1:243613670-243613739
## 2829	chr1	243613686	-	A	93	chr1:243613670-243613739
## 2830	chr1	243613687	+	T	107	chr1:243613670-243613739
## 2831	chr1	243613687	-	T	96	chr1:243613670-243613739
## 2832	chr1	243613688	+	A	109	chr1:243613670-243613739
## 2833	chr1	243613688	-	A	96	chr1:243613670-243613739
## 2834	chr1	243613689	+	T	109	chr1:243613670-243613739
## 2835	chr1	243613689	-	T	95	chr1:243613670-243613739
## 2836	chr1	243613690	+	T	109	chr1:243613670-243613739
## 2837	chr1	243613690	-	T	94	chr1:243613670-243613739
## 2838	chr1	243613691	+	C	109	chr1:243613670-243613739
## 2839	chr1	243613691	-	C	97	chr1:243613670-243613739
## 2840	chr1	243613692	+	C	111	chr1:243613670-243613739
## 2841	chr1	243613692	-	C	99	chr1:243613670-243613739
## 2842	chr1	243613693	+	A	109	chr1:243613670-243613739
## 2843	chr1	243613693	-	A	100	chr1:243613670-243613739
## 2844	chr1	243613694	+	T	109	chr1:243613670-243613739
## 2845	chr1	243613694	-	T	100	chr1:243613670-243613739
## 2846	chr1	243613695	+	C	108	chr1:243613670-243613739
## 2847	chr1	243613695	-	C	103	chr1:243613670-243613739
## 2848	chr1	243613696	+	A	108	chr1:243613670-243613739
## 2849	chr1	243613696	-	A	103	chr1:243613670-243613739
## 2850	chr1	243613697	+	C	106	chr1:243613670-243613739
## 2851	chr1	243613697	-	C	102	chr1:243613670-243613739
## 2852	chr1	243613698	+	A	106	chr1:243613670-243613739
## 2853	chr1	243613698	-	A	102	chr1:243613670-243613739
## 2854	chr1	243613699	+	A	101	chr1:243613670-243613739
## 2855	chr1	243613699	-	A	104	chr1:243613670-243613739
## 2856	chr1	243613700	+	A	99	chr1:243613670-243613739
## 2857	chr1	243613700	-	A	105	chr1:243613670-243613739
## 2858	chr1	243613701	+	A	100	chr1:243613670-243613739

## 2859	chr1 243613701	-	A	105	chr1:243613670-243613739
## 2860	chr1 243613702	+	C	100	chr1:243613670-243613739
## 2861	chr1 243613702	-	C	110	chr1:243613670-243613739
## 2862	chr1 243613703	+	A	98	chr1:243613670-243613739
## 2863	chr1 243613703	-	A	113	chr1:243613670-243613739
## 2864	chr1 243613704	+	C	91	chr1:243613670-243613739
## 2865	chr1 243613704	-	C	121	chr1:243613670-243613739
## 2866	chr1 243613705	+	A	88	chr1:243613670-243613739
## 2867	chr1 243613705	-	A	124	chr1:243613670-243613739
## 2868	chr1 243613706	+	A	84	chr1:243613670-243613739
## 2869	chr1 243613706	-	A	127	chr1:243613670-243613739
## 2870	chr1 243613707	+	A	78	chr1:243613670-243613739
## 2871	chr1 243613707	-	A	130	chr1:243613670-243613739
## 2872	chr1 243613708	+	C	75	chr1:243613670-243613739
## 2873	chr1 243613708	-	C	130	chr1:243613670-243613739
## 2874	chr1 243613709	-	C	1	chr1:243613670-243613739
## 2875	chr1 243613709	+	G	75	chr1:243613670-243613739
## 2876	chr1 243613709	-	G	129	chr1:243613670-243613739
## 2877	chr1 243613710	+	G	75	chr1:243613670-243613739
## 2878	chr1 243613710	-	G	134	chr1:243613670-243613739
## 2879	chr1 243613711	-	G	2	chr1:243613670-243613739
## 2880	chr1 243613711	+	T	73	chr1:243613670-243613739
## 2881	chr1 243613711	-	T	130	chr1:243613670-243613739
## 2882	chr1 243613712	+	C	72	chr1:243613670-243613739
## 2883	chr1 243613712	-	C	131	chr1:243613670-243613739
## 2884	chr1 243613713	+	T	72	chr1:243613670-243613739
## 2885	chr1 243613713	-	T	133	chr1:243613670-243613739
## 2886	chr1 243613714	+	T	67	chr1:243613670-243613739
## 2887	chr1 243613714	-	T	135	chr1:243613670-243613739
## 2888	chr1 243613715	+	T	59	chr1:243613670-243613739
## 2889	chr1 243613715	-	T	140	chr1:243613670-243613739
## 2890	chr1 243613716	+	T	58	chr1:243613670-243613739
## 2891	chr1 243613716	-	T	141	chr1:243613670-243613739
## 2892	chr1 243613717	+	G	58	chr1:243613670-243613739
## 2893	chr1 243613717	-	G	142	chr1:243613670-243613739
## 2894	chr1 243613718	+	T	58	chr1:243613670-243613739
## 2895	chr1 243613718	-	T	144	chr1:243613670-243613739
## 2896	chr1 243613719	+	C	53	chr1:243613670-243613739
## 2897	chr1 243613719	-	C	144	chr1:243613670-243613739
## 2898	chr1 243613720	-	C	1	chr1:243613670-243613739
## 2899	chr1 243613720	+	T	50	chr1:243613670-243613739
## 2900	chr1 243613720	-	T	140	chr1:243613670-243613739
## 2901	chr1 243613721	+	G	50	chr1:243613670-243613739
## 2902	chr1 243613721	-	G	144	chr1:243613670-243613739
## 2903	chr1 243613722	+	G	50	chr1:243613670-243613739
## 2904	chr1 243613722	-	G	142	chr1:243613670-243613739
## 2905	chr1 243613723	+	A	50	chr1:243613670-243613739
## 2906	chr1 243613723	-	A	142	chr1:243613670-243613739
## 2907	chr1 243613724	+	A	47	chr1:243613670-243613739
## 2908	chr1 243613724	-	A	144	chr1:243613670-243613739
## 2909	chr1 243613725	-	A	2	chr1:243613670-243613739
## 2910	chr1 243613725	+	G	47	chr1:243613670-243613739
## 2911	chr1 243613725	-	G	143	chr1:243613670-243613739
## 2912	chr1 243613726	+	A	1	chr1:243613670-243613739

## 2913	chr1	243613726	-	A	1	chr1:243613670-243613739
## 2914	chr1	243613726	+	G	46	chr1:243613670-243613739
## 2915	chr1	243613726	-	G	146	chr1:243613670-243613739
## 2916	chr1	243613727	+	A	43	chr1:243613670-243613739
## 2917	chr1	243613727	-	A	147	chr1:243613670-243613739
## 2918	chr1	243613728	+	A	39	chr1:243613670-243613739
## 2919	chr1	243613728	-	A	147	chr1:243613670-243613739
## 2920	chr1	243613729	-	C	1	chr1:243613670-243613739
## 2921	chr1	243613729	+	T	37	chr1:243613670-243613739
## 2922	chr1	243613729	-	T	146	chr1:243613670-243613739
## 2923	chr1	243613730	+	A	34	chr1:243613670-243613739
## 2924	chr1	243613730	-	A	147	chr1:243613670-243613739
## 2925	chr1	243613731	+	T	30	chr1:243613670-243613739
## 2926	chr1	243613731	-	T	145	chr1:243613670-243613739
## 2927	chr1	243613732	+	T	29	chr1:243613670-243613739
## 2928	chr1	243613732	-	T	140	chr1:243613670-243613739
## 2929	chr1	243613733	+	T	28	chr1:243613670-243613739
## 2930	chr1	243613733	-	T	139	chr1:243613670-243613739
## 2931	chr1	243613734	+	C	28	chr1:243613670-243613739
## 2932	chr1	243613734	-	C	134	chr1:243613670-243613739
## 2933	chr1	243613735	+	A	26	chr1:243613670-243613739
## 2934	chr1	243613735	-	A	136	chr1:243613670-243613739
## 2935	chr1	243613736	+	A	25	chr1:243613670-243613739
## 2936	chr1	243613736	-	A	137	chr1:243613670-243613739
## 2937	chr1	243613737	+	G	24	chr1:243613670-243613739
## 2938	chr1	243613737	-	G	136	chr1:243613670-243613739
## 2939	chr1	243613738	+	G	24	chr1:243613670-243613739
## 2940	chr1	243613738	-	G	143	chr1:243613670-243613739
## 2941	chr1	243613739	+	A	24	chr1:243613670-243613739
## 2942	chr1	243613739	-	A	147	chr1:243613670-243613739
## 2943	chr1	243615095	+	C	41	chr1:243615095-243615161
## 2944	chr1	243615095	-	C	14	chr1:243615095-243615161
## 2945	chr1	243615096	+	T	41	chr1:243615095-243615161
## 2946	chr1	243615096	-	T	14	chr1:243615095-243615161
## 2947	chr1	243615097	+	G	40	chr1:243615095-243615161
## 2948	chr1	243615097	-	G	14	chr1:243615095-243615161
## 2949	chr1	243615098	+	T	40	chr1:243615095-243615161
## 2950	chr1	243615098	-	T	14	chr1:243615095-243615161
## 2951	chr1	243615099	+	T	39	chr1:243615095-243615161
## 2952	chr1	243615099	-	T	14	chr1:243615095-243615161
## 2953	chr1	243615100	+	A	43	chr1:243615095-243615161
## 2954	chr1	243615100	-	A	14	chr1:243615095-243615161
## 2955	chr1	243615101	+	A	43	chr1:243615095-243615161
## 2956	chr1	243615101	-	A	14	chr1:243615095-243615161
## 2957	chr1	243615102	+	A	43	chr1:243615095-243615161
## 2958	chr1	243615102	-	A	14	chr1:243615095-243615161
## 2959	chr1	243615103	+	A	46	chr1:243615095-243615161
## 2960	chr1	243615103	-	A	18	chr1:243615095-243615161
## 2961	chr1	243615104	+	A	46	chr1:243615095-243615161
## 2962	chr1	243615104	-	A	20	chr1:243615095-243615161
## 2963	chr1	243615105	+	G	46	chr1:243615095-243615161
## 2964	chr1	243615105	-	G	20	chr1:243615095-243615161
## 2965	chr1	243615106	+	G	46	chr1:243615095-243615161
## 2966	chr1	243615106	-	G	20	chr1:243615095-243615161

## 2967	chr1 243615107	+	G	47	chr1:243615095-243615161
## 2968	chr1 243615107	-	G	21	chr1:243615095-243615161
## 2969	chr1 243615108	+	A	48	chr1:243615095-243615161
## 2970	chr1 243615108	-	A	21	chr1:243615095-243615161
## 2971	chr1 243615109	+	T	49	chr1:243615095-243615161
## 2972	chr1 243615109	-	T	21	chr1:243615095-243615161
## 2973	chr1 243615110	+	G	49	chr1:243615095-243615161
## 2974	chr1 243615110	-	G	21	chr1:243615095-243615161
## 2975	chr1 243615111	+	T	49	chr1:243615095-243615161
## 2976	chr1 243615111	-	T	21	chr1:243615095-243615161
## 2977	chr1 243615112	+	C	51	chr1:243615095-243615161
## 2978	chr1 243615112	-	C	21	chr1:243615095-243615161
## 2979	chr1 243615113	+	T	52	chr1:243615095-243615161
## 2980	chr1 243615113	-	T	21	chr1:243615095-243615161
## 2981	chr1 243615114	+	A	53	chr1:243615095-243615161
## 2982	chr1 243615114	-	A	21	chr1:243615095-243615161
## 2983	chr1 243615115	+	G	53	chr1:243615095-243615161
## 2984	chr1 243615115	-	G	22	chr1:243615095-243615161
## 2985	chr1 243615116	+	T	56	chr1:243615095-243615161
## 2986	chr1 243615116	-	T	23	chr1:243615095-243615161
## 2987	chr1 243615117	+	G	55	chr1:243615095-243615161
## 2988	chr1 243615117	-	G	23	chr1:243615095-243615161
## 2989	chr1 243615118	+	T	55	chr1:243615095-243615161
## 2990	chr1 243615118	-	T	23	chr1:243615095-243615161
## 2991	chr1 243615119	+	T	52	chr1:243615095-243615161
## 2992	chr1 243615119	-	T	23	chr1:243615095-243615161
## 2993	chr1 243615120	+	C	52	chr1:243615095-243615161
## 2994	chr1 243615120	-	C	24	chr1:243615095-243615161
## 2995	chr1 243615121	+	T	52	chr1:243615095-243615161
## 2996	chr1 243615121	-	T	26	chr1:243615095-243615161
## 2997	chr1 243615122	+	C	1	chr1:243615095-243615161
## 2998	chr1 243615122	+	T	49	chr1:243615095-243615161
## 2999	chr1 243615122	-	T	26	chr1:243615095-243615161
## 3000	chr1 243615123	+	T	50	chr1:243615095-243615161
## 3001	chr1 243615123	-	T	26	chr1:243615095-243615161
## 3002	chr1 243615124	+	A	53	chr1:243615095-243615161
## 3003	chr1 243615124	-	A	26	chr1:243615095-243615161
## 3004	chr1 243615125	+	A	54	chr1:243615095-243615161
## 3005	chr1 243615125	-	A	26	chr1:243615095-243615161
## 3006	chr1 243615126	+	T	54	chr1:243615095-243615161
## 3007	chr1 243615126	-	T	26	chr1:243615095-243615161
## 3008	chr1 243615127	+	A	55	chr1:243615095-243615161
## 3009	chr1 243615127	-	A	27	chr1:243615095-243615161
## 3010	chr1 243615128	+	C	57	chr1:243615095-243615161
## 3011	chr1 243615128	-	C	32	chr1:243615095-243615161
## 3012	chr1 243615129	+	T	57	chr1:243615095-243615161
## 3013	chr1 243615129	-	T	35	chr1:243615095-243615161
## 3014	chr1 243615130	+	C	58	chr1:243615095-243615161
## 3015	chr1 243615130	-	C	37	chr1:243615095-243615161
## 3016	chr1 243615131	+	T	58	chr1:243615095-243615161
## 3017	chr1 243615131	-	T	37	chr1:243615095-243615161
## 3018	chr1 243615132	+	G	59	chr1:243615095-243615161
## 3019	chr1 243615132	-	G	38	chr1:243615095-243615161
## 3020	chr1 243615133	+	C	59	chr1:243615095-243615161

## 3021	chr1 243615133	-	C	38	chr1:243615095-243615161
## 3022	chr1 243615134	+	T	62	chr1:243615095-243615161
## 3023	chr1 243615134	-	T	39	chr1:243615095-243615161
## 3024	chr1 243615135	+	T	59	chr1:243615095-243615161
## 3025	chr1 243615135	-	T	39	chr1:243615095-243615161
## 3026	chr1 243615136	+	T	60	chr1:243615095-243615161
## 3027	chr1 243615136	-	T	41	chr1:243615095-243615161
## 3028	chr1 243615137	+	C	60	chr1:243615095-243615161
## 3029	chr1 243615137	-	C	41	chr1:243615095-243615161
## 3030	chr1 243615138	+	A	59	chr1:243615095-243615161
## 3031	chr1 243615138	-	A	41	chr1:243615095-243615161
## 3032	chr1 243615139	+	G	59	chr1:243615095-243615161
## 3033	chr1 243615139	-	G	39	chr1:243615095-243615161
## 3034	chr1 243615140	+	T	59	chr1:243615095-243615161
## 3035	chr1 243615140	-	T	39	chr1:243615095-243615161
## 3036	chr1 243615141	+	T	59	chr1:243615095-243615161
## 3037	chr1 243615141	-	T	39	chr1:243615095-243615161
## 3038	chr1 243615142	+	A	58	chr1:243615095-243615161
## 3039	chr1 243615142	-	A	40	chr1:243615095-243615161
## 3040	chr1 243615143	+	G	58	chr1:243615095-243615161
## 3041	chr1 243615143	-	G	42	chr1:243615095-243615161
## 3042	chr1 243615144	+	A	61	chr1:243615095-243615161
## 3043	chr1 243615144	-	A	42	chr1:243615095-243615161
## 3044	chr1 243615145	+	G	61	chr1:243615095-243615161
## 3045	chr1 243615145	-	G	42	chr1:243615095-243615161
## 3046	chr1 243615146	+	T	64	chr1:243615095-243615161
## 3047	chr1 243615146	-	T	42	chr1:243615095-243615161
## 3048	chr1 243615147	+	G	64	chr1:243615095-243615161
## 3049	chr1 243615147	-	G	42	chr1:243615095-243615161
## 3050	chr1 243615148	+	T	64	chr1:243615095-243615161
## 3051	chr1 243615148	-	T	42	chr1:243615095-243615161
## 3052	chr1 243615149	+	G	63	chr1:243615095-243615161
## 3053	chr1 243615149	-	G	42	chr1:243615095-243615161
## 3054	chr1 243615150	+	T	63	chr1:243615095-243615161
## 3055	chr1 243615150	-	T	43	chr1:243615095-243615161
## 3056	chr1 243615151	+	G	61	chr1:243615095-243615161
## 3057	chr1 243615151	-	G	50	chr1:243615095-243615161
## 3058	chr1 243615152	+	C	60	chr1:243615095-243615161
## 3059	chr1 243615152	-	C	50	chr1:243615095-243615161
## 3060	chr1 243615153	+	C	60	chr1:243615095-243615161
## 3061	chr1 243615153	-	C	47	chr1:243615095-243615161
## 3062	chr1 243615154	+	A	60	chr1:243615095-243615161
## 3063	chr1 243615154	-	A	47	chr1:243615095-243615161
## 3064	chr1 243615155	+	C	60	chr1:243615095-243615161
## 3065	chr1 243615155	-	C	47	chr1:243615095-243615161
## 3066	chr1 243615156	+	T	64	chr1:243615095-243615161
## 3067	chr1 243615156	-	T	50	chr1:243615095-243615161
## 3068	chr1 243615157	+	T	61	chr1:243615095-243615161
## 3069	chr1 243615157	-	T	50	chr1:243615095-243615161
## 3070	chr1 243615158	+	C	61	chr1:243615095-243615161
## 3071	chr1 243615158	-	C	50	chr1:243615095-243615161
## 3072	chr1 243615159	+	A	60	chr1:243615095-243615161
## 3073	chr1 243615159	-	A	49	chr1:243615095-243615161
## 3074	chr1 243615160	+	T	59	chr1:243615095-243615161

## 3075	chr1 243615160	-	T	48	chr1:243615095-243615161
## 3076	chr1 243615161	+	C	59	chr1:243615095-243615161
## 3077	chr1 243615161	-	C	48	chr1:243615095-243615161
## 3078	chr1 243637610	+	C	92	chr1:243637610-243637742
## 3079	chr1 243637610	-	C	45	chr1:243637610-243637742
## 3080	chr1 243637611	+	C	93	chr1:243637610-243637742
## 3081	chr1 243637611	-	C	45	chr1:243637610-243637742
## 3082	chr1 243637612	+	T	95	chr1:243637610-243637742
## 3083	chr1 243637612	-	T	47	chr1:243637610-243637742
## 3084	chr1 243637613	+	T	95	chr1:243637610-243637742
## 3085	chr1 243637613	-	T	47	chr1:243637610-243637742
## 3086	chr1 243637614	+	T	96	chr1:243637610-243637742
## 3087	chr1 243637614	-	T	50	chr1:243637610-243637742
## 3088	chr1 243637615	+	G	96	chr1:243637610-243637742
## 3089	chr1 243637615	-	G	55	chr1:243637610-243637742
## 3090	chr1 243637616	+	C	96	chr1:243637610-243637742
## 3091	chr1 243637616	-	C	55	chr1:243637610-243637742
## 3092	chr1 243637617	+	A	96	chr1:243637610-243637742
## 3093	chr1 243637617	-	A	54	chr1:243637610-243637742
## 3094	chr1 243637617	+	G	1	chr1:243637610-243637742
## 3095	chr1 243637618	+	A	97	chr1:243637610-243637742
## 3096	chr1 243637618	-	A	54	chr1:243637610-243637742
## 3097	chr1 243637619	+	T	100	chr1:243637610-243637742
## 3098	chr1 243637619	-	T	54	chr1:243637610-243637742
## 3099	chr1 243637620	+	A	100	chr1:243637610-243637742
## 3100	chr1 243637620	-	A	54	chr1:243637610-243637742
## 3101	chr1 243637621	+	A	102	chr1:243637610-243637742
## 3102	chr1 243637621	-	A	54	chr1:243637610-243637742
## 3103	chr1 243637622	+	T	102	chr1:243637610-243637742
## 3104	chr1 243637622	-	T	56	chr1:243637610-243637742
## 3105	chr1 243637623	+	G	99	chr1:243637610-243637742
## 3106	chr1 243637623	-	G	56	chr1:243637610-243637742
## 3107	chr1 243637624	+	A	96	chr1:243637610-243637742
## 3108	chr1 243637624	-	A	56	chr1:243637610-243637742
## 3109	chr1 243637625	+	C	96	chr1:243637610-243637742
## 3110	chr1 243637625	-	C	58	chr1:243637610-243637742
## 3111	chr1 243637626	+	T	98	chr1:243637610-243637742
## 3112	chr1 243637626	-	T	58	chr1:243637610-243637742
## 3113	chr1 243637627	+	T	95	chr1:243637610-243637742
## 3114	chr1 243637627	-	T	59	chr1:243637610-243637742
## 3115	chr1 243637628	+	A	1	chr1:243637610-243637742
## 3116	chr1 243637628	+	C	93	chr1:243637610-243637742
## 3117	chr1 243637628	-	C	59	chr1:243637610-243637742
## 3118	chr1 243637629	+	T	93	chr1:243637610-243637742
## 3119	chr1 243637629	-	T	60	chr1:243637610-243637742
## 3120	chr1 243637630	+	T	95	chr1:243637610-243637742
## 3121	chr1 243637630	-	T	60	chr1:243637610-243637742
## 3122	chr1 243637631	+	T	96	chr1:243637610-243637742
## 3123	chr1 243637631	-	T	60	chr1:243637610-243637742
## 3124	chr1 243637632	+	C	96	chr1:243637610-243637742
## 3125	chr1 243637632	-	C	61	chr1:243637610-243637742
## 3126	chr1 243637633	+	T	93	chr1:243637610-243637742
## 3127	chr1 243637633	-	T	61	chr1:243637610-243637742
## 3128	chr1 243637634	+	T	94	chr1:243637610-243637742

## 3129	chr1 243637634	-	T	60	chr1:243637610-243637742
## 3130	chr1 243637635	+	C	98	chr1:243637610-243637742
## 3131	chr1 243637635	-	C	62	chr1:243637610-243637742
## 3132	chr1 243637636	+	A	103	chr1:243637610-243637742
## 3133	chr1 243637636	-	A	64	chr1:243637610-243637742
## 3134	chr1 243637637	+	G	103	chr1:243637610-243637742
## 3135	chr1 243637637	-	G	64	chr1:243637610-243637742
## 3136	chr1 243637638	+	A	104	chr1:243637610-243637742
## 3137	chr1 243637638	-	A	64	chr1:243637610-243637742
## 3138	chr1 243637639	+	A	106	chr1:243637610-243637742
## 3139	chr1 243637639	-	A	65	chr1:243637610-243637742
## 3140	chr1 243637640	+	T	108	chr1:243637610-243637742
## 3141	chr1 243637640	-	T	66	chr1:243637610-243637742
## 3142	chr1 243637641	+	C	108	chr1:243637610-243637742
## 3143	chr1 243637641	-	C	65	chr1:243637610-243637742
## 3144	chr1 243637642	+	T	106	chr1:243637610-243637742
## 3145	chr1 243637642	-	T	65	chr1:243637610-243637742
## 3146	chr1 243637643	+	T	102	chr1:243637610-243637742
## 3147	chr1 243637643	-	T	66	chr1:243637610-243637742
## 3148	chr1 243637644	+	C	98	chr1:243637610-243637742
## 3149	chr1 243637644	-	C	72	chr1:243637610-243637742
## 3150	chr1 243637645	+	A	98	chr1:243637610-243637742
## 3151	chr1 243637645	-	A	72	chr1:243637610-243637742
## 3152	chr1 243637646	+	T	98	chr1:243637610-243637742
## 3153	chr1 243637646	-	T	73	chr1:243637610-243637742
## 3154	chr1 243637647	+	A	95	chr1:243637610-243637742
## 3155	chr1 243637647	-	A	75	chr1:243637610-243637742
## 3156	chr1 243637648	+	G	95	chr1:243637610-243637742
## 3157	chr1 243637648	-	G	75	chr1:243637610-243637742
## 3158	chr1 243637649	+	C	95	chr1:243637610-243637742
## 3159	chr1 243637649	-	C	75	chr1:243637610-243637742
## 3160	chr1 243637650	+	A	93	chr1:243637610-243637742
## 3161	chr1 243637650	-	A	77	chr1:243637610-243637742
## 3162	chr1 243637651	-	A	1	chr1:243637610-243637742
## 3163	chr1 243637651	+	T	93	chr1:243637610-243637742
## 3164	chr1 243637651	-	T	79	chr1:243637610-243637742
## 3165	chr1 243637652	+	A	92	chr1:243637610-243637742
## 3166	chr1 243637652	-	A	79	chr1:243637610-243637742
## 3167	chr1 243637653	+	A	1	chr1:243637610-243637742
## 3168	chr1 243637653	+	G	82	chr1:243637610-243637742
## 3169	chr1 243637653	-	G	78	chr1:243637610-243637742
## 3170	chr1 243637654	+	T	82	chr1:243637610-243637742
## 3171	chr1 243637654	-	T	78	chr1:243637610-243637742
## 3172	chr1 243637655	+	A	82	chr1:243637610-243637742
## 3173	chr1 243637655	-	A	77	chr1:243637610-243637742
## 3174	chr1 243637656	+	T	83	chr1:243637610-243637742
## 3175	chr1 243637656	-	T	77	chr1:243637610-243637742
## 3176	chr1 243637657	+	T	83	chr1:243637610-243637742
## 3177	chr1 243637657	-	T	78	chr1:243637610-243637742
## 3178	chr1 243637658	+	T	86	chr1:243637610-243637742
## 3179	chr1 243637658	-	T	81	chr1:243637610-243637742
## 3180	chr1 243637659	+	A	1	chr1:243637610-243637742
## 3181	chr1 243637659	+	T	85	chr1:243637610-243637742
## 3182	chr1 243637659	-	T	82	chr1:243637610-243637742

## 3183	chr1 243637660	+	C	85	chr1:243637610-243637742
## 3184	chr1 243637660	-	C	81	chr1:243637610-243637742
## 3185	chr1 243637661	+	A	1	chr1:243637610-243637742
## 3186	chr1 243637661	+	C	81	chr1:243637610-243637742
## 3187	chr1 243637661	-	C	81	chr1:243637610-243637742
## 3188	chr1 243637662	+	A	86	chr1:243637610-243637742
## 3189	chr1 243637662	-	A	80	chr1:243637610-243637742
## 3190	chr1 243637663	+	C	85	chr1:243637610-243637742
## 3191	chr1 243637663	-	C	77	chr1:243637610-243637742
## 3192	chr1 243637664	+	T	85	chr1:243637610-243637742
## 3193	chr1 243637664	-	T	71	chr1:243637610-243637742
## 3194	chr1 243637665	+	T	83	chr1:243637610-243637742
## 3195	chr1 243637665	-	T	72	chr1:243637610-243637742
## 3196	chr1 243637666	+	G	85	chr1:243637610-243637742
## 3197	chr1 243637666	-	G	69	chr1:243637610-243637742
## 3198	chr1 243637667	+	C	84	chr1:243637610-243637742
## 3199	chr1 243637667	-	C	70	chr1:243637610-243637742
## 3200	chr1 243637668	+	C	84	chr1:243637610-243637742
## 3201	chr1 243637668	-	C	69	chr1:243637610-243637742
## 3202	chr1 243637669	+	T	82	chr1:243637610-243637742
## 3203	chr1 243637669	-	T	64	chr1:243637610-243637742
## 3204	chr1 243637670	+	T	80	chr1:243637610-243637742
## 3205	chr1 243637670	-	T	65	chr1:243637610-243637742
## 3206	chr1 243637671	+	C	80	chr1:243637610-243637742
## 3207	chr1 243637671	-	C	64	chr1:243637610-243637742
## 3208	chr1 243637672	+	T	78	chr1:243637610-243637742
## 3209	chr1 243637672	-	T	68	chr1:243637610-243637742
## 3210	chr1 243637673	+	C	78	chr1:243637610-243637742
## 3211	chr1 243637673	-	C	70	chr1:243637610-243637742
## 3212	chr1 243637674	+	T	75	chr1:243637610-243637742
## 3213	chr1 243637674	-	T	69	chr1:243637610-243637742
## 3214	chr1 243637675	+	C	76	chr1:243637610-243637742
## 3215	chr1 243637675	-	C	69	chr1:243637610-243637742
## 3216	chr1 243637676	+	G	75	chr1:243637610-243637742
## 3217	chr1 243637676	-	G	66	chr1:243637610-243637742
## 3218	chr1 243637677	+	A	75	chr1:243637610-243637742
## 3219	chr1 243637677	-	A	67	chr1:243637610-243637742
## 3220	chr1 243637678	+	A	75	chr1:243637610-243637742
## 3221	chr1 243637678	-	A	68	chr1:243637610-243637742
## 3222	chr1 243637679	+	C	75	chr1:243637610-243637742
## 3223	chr1 243637679	-	C	69	chr1:243637610-243637742
## 3224	chr1 243637680	+	C	72	chr1:243637610-243637742
## 3225	chr1 243637680	-	C	69	chr1:243637610-243637742
## 3226	chr1 243637681	+	A	65	chr1:243637610-243637742
## 3227	chr1 243637681	-	A	71	chr1:243637610-243637742
## 3228	chr1 243637682	+	A	63	chr1:243637610-243637742
## 3229	chr1 243637682	-	A	71	chr1:243637610-243637742
## 3230	chr1 243637683	+	A	63	chr1:243637610-243637742
## 3231	chr1 243637683	-	A	72	chr1:243637610-243637742
## 3232	chr1 243637684	+	A	63	chr1:243637610-243637742
## 3233	chr1 243637684	-	A	72	chr1:243637610-243637742
## 3234	chr1 243637685	+	T	61	chr1:243637610-243637742
## 3235	chr1 243637685	-	T	70	chr1:243637610-243637742
## 3236	chr1 243637686	+	A	60	chr1:243637610-243637742

## 3237	chr1	243637686	-	A	74	chr1:243637610-243637742
## 3238	chr1	243637687	+	A	58	chr1:243637610-243637742
## 3239	chr1	243637687	-	A	77	chr1:243637610-243637742
## 3240	chr1	243637688	+	C	57	chr1:243637610-243637742
## 3241	chr1	243637688	-	C	77	chr1:243637610-243637742
## 3242	chr1	243637689	+	T	55	chr1:243637610-243637742
## 3243	chr1	243637689	-	T	74	chr1:243637610-243637742
## 3244	chr1	243637690	+	T	55	chr1:243637610-243637742
## 3245	chr1	243637690	-	T	73	chr1:243637610-243637742
## 3246	chr1	243637691	+	T	54	chr1:243637610-243637742
## 3247	chr1	243637691	-	T	73	chr1:243637610-243637742
## 3248	chr1	243637692	+	C	53	chr1:243637610-243637742
## 3249	chr1	243637692	-	C	73	chr1:243637610-243637742
## 3250	chr1	243637693	+	C	53	chr1:243637610-243637742
## 3251	chr1	243637693	-	C	73	chr1:243637610-243637742
## 3252	chr1	243637694	+	C	49	chr1:243637610-243637742
## 3253	chr1	243637694	-	C	76	chr1:243637610-243637742
## 3254	chr1	243637695	+	A	47	chr1:243637610-243637742
## 3255	chr1	243637695	-	A	82	chr1:243637610-243637742
## 3256	chr1	243637696	+	A	44	chr1:243637610-243637742
## 3257	chr1	243637696	-	A	82	chr1:243637610-243637742
## 3258	chr1	243637697	+	A	44	chr1:243637610-243637742
## 3259	chr1	243637697	-	A	85	chr1:243637610-243637742
## 3260	chr1	243637698	+	A	44	chr1:243637610-243637742
## 3261	chr1	243637698	-	A	85	chr1:243637610-243637742
## 3262	chr1	243637699	+	G	44	chr1:243637610-243637742
## 3263	chr1	243637699	-	G	86	chr1:243637610-243637742
## 3264	chr1	243637700	+	T	44	chr1:243637610-243637742
## 3265	chr1	243637700	-	T	84	chr1:243637610-243637742
## 3266	chr1	243637701	+	G	42	chr1:243637610-243637742
## 3267	chr1	243637701	-	G	84	chr1:243637610-243637742
## 3268	chr1	243637702	+	C	41	chr1:243637610-243637742
## 3269	chr1	243637702	-	C	83	chr1:243637610-243637742
## 3270	chr1	243637703	+	C	39	chr1:243637610-243637742
## 3271	chr1	243637703	-	C	83	chr1:243637610-243637742
## 3272	chr1	243637704	+	T	38	chr1:243637610-243637742
## 3273	chr1	243637704	-	T	85	chr1:243637610-243637742
## 3274	chr1	243637705	+	T	35	chr1:243637610-243637742
## 3275	chr1	243637705	-	T	85	chr1:243637610-243637742
## 3276	chr1	243637706	+	T	34	chr1:243637610-243637742
## 3277	chr1	243637706	-	T	86	chr1:243637610-243637742
## 3278	chr1	243637707	+	A	34	chr1:243637610-243637742
## 3279	chr1	243637707	-	A	84	chr1:243637610-243637742
## 3280	chr1	243637708	+	C	34	chr1:243637610-243637742
## 3281	chr1	243637708	-	C	84	chr1:243637610-243637742
## 3282	chr1	243637709	-	A	1	chr1:243637610-243637742
## 3283	chr1	243637709	+	C	33	chr1:243637610-243637742
## 3284	chr1	243637709	-	C	83	chr1:243637610-243637742
## 3285	chr1	243637710	+	T	26	chr1:243637610-243637742
## 3286	chr1	243637710	-	T	82	chr1:243637610-243637742
## 3287	chr1	243637711	+	A	21	chr1:243637610-243637742
## 3288	chr1	243637711	-	A	80	chr1:243637610-243637742
## 3289	chr1	243637712	+	G	21	chr1:243637610-243637742
## 3290	chr1	243637712	-	G	80	chr1:243637610-243637742

## 3291	chr1 243637713	+	T	20	chr1:243637610-243637742
## 3292	chr1 243637713	-	T	82	chr1:243637610-243637742
## 3293	chr1 243637714	+	A	18	chr1:243637610-243637742
## 3294	chr1 243637714	-	A	86	chr1:243637610-243637742
## 3295	chr1 243637715	-	A	2	chr1:243637610-243637742
## 3296	chr1 243637715	+	G	15	chr1:243637610-243637742
## 3297	chr1 243637715	-	G	87	chr1:243637610-243637742
## 3298	chr1 243637716	-	G	2	chr1:243637610-243637742
## 3299	chr1 243637716	+	T	15	chr1:243637610-243637742
## 3300	chr1 243637716	-	T	87	chr1:243637610-243637742
## 3301	chr1 243637717	+	T	15	chr1:243637610-243637742
## 3302	chr1 243637717	-	T	90	chr1:243637610-243637742
## 3303	chr1 243637718	+	T	15	chr1:243637610-243637742
## 3304	chr1 243637718	-	T	88	chr1:243637610-243637742
## 3305	chr1 243637719	+	C	15	chr1:243637610-243637742
## 3306	chr1 243637719	-	C	81	chr1:243637610-243637742
## 3307	chr1 243637719	-	T	2	chr1:243637610-243637742
## 3308	chr1 243637720	+	A	15	chr1:243637610-243637742
## 3309	chr1 243637720	-	A	83	chr1:243637610-243637742
## 3310	chr1 243637721	+	A	15	chr1:243637610-243637742
## 3311	chr1 243637721	-	A	81	chr1:243637610-243637742
## 3312	chr1 243637722	+	A	15	chr1:243637610-243637742
## 3313	chr1 243637722	-	A	83	chr1:243637610-243637742
## 3314	chr1 243637723	-	A	2	chr1:243637610-243637742
## 3315	chr1 243637723	+	T	15	chr1:243637610-243637742
## 3316	chr1 243637723	-	T	83	chr1:243637610-243637742
## 3317	chr1 243637724	+	A	15	chr1:243637610-243637742
## 3318	chr1 243637724	-	A	85	chr1:243637610-243637742
## 3319	chr1 243637725	+	G	15	chr1:243637610-243637742
## 3320	chr1 243637725	-	G	83	chr1:243637610-243637742
## 3321	chr1 243637726	+	T	15	chr1:243637610-243637742
## 3322	chr1 243637726	-	T	80	chr1:243637610-243637742
## 3323	chr1 243637727	+	C	15	chr1:243637610-243637742
## 3324	chr1 243637727	-	C	81	chr1:243637610-243637742
## 3325	chr1 243637728	+	A	15	chr1:243637610-243637742
## 3326	chr1 243637728	-	A	81	chr1:243637610-243637742
## 3327	chr1 243637729	+	A	15	chr1:243637610-243637742
## 3328	chr1 243637729	-	A	81	chr1:243637610-243637742
## 3329	chr1 243637730	+	A	14	chr1:243637610-243637742
## 3330	chr1 243637730	-	A	84	chr1:243637610-243637742
## 3331	chr1 243637731	+	A	13	chr1:243637610-243637742
## 3332	chr1 243637731	-	A	84	chr1:243637610-243637742
## 3333	chr1 243637732	+	T	13	chr1:243637610-243637742
## 3334	chr1 243637732	-	T	83	chr1:243637610-243637742
## 3335	chr1 243637733	+	C	10	chr1:243637610-243637742
## 3336	chr1 243637733	-	C	82	chr1:243637610-243637742
## 3337	chr1 243637734	+	A	10	chr1:243637610-243637742
## 3338	chr1 243637734	-	A	83	chr1:243637610-243637742
## 3339	chr1 243637735	+	T	10	chr1:243637610-243637742
## 3340	chr1 243637735	-	T	83	chr1:243637610-243637742
## 3341	chr1 243637736	+	T	10	chr1:243637610-243637742
## 3342	chr1 243637736	-	T	83	chr1:243637610-243637742
## 3343	chr1 243637737	+	C	5	chr1:243637610-243637742
## 3344	chr1 243637737	-	C	83	chr1:243637610-243637742

## 3345	chr1 243637738	+	A	5	chr1:243637610-243637742
## 3346	chr1 243637738	-	A	83	chr1:243637610-243637742
## 3347	chr1 243637739	+	T	5	chr1:243637610-243637742
## 3348	chr1 243637739	-	T	83	chr1:243637610-243637742
## 3349	chr1 243637740	+	T	5	chr1:243637610-243637742
## 3350	chr1 243637740	-	T	82	chr1:243637610-243637742
## 3351	chr1 243637741	+	G	3	chr1:243637610-243637742
## 3352	chr1 243637741	-	G	81	chr1:243637610-243637742
## 3353	chr1 243637742	+	T	3	chr1:243637610-243637742
## 3354	chr1 243637742	-	T	80	chr1:243637610-243637742
## 3355	chr1 243645892	+	C	117	chr1:243645892-243646037
## 3356	chr1 243645892	-	C	6	chr1:243645892-243646037
## 3357	chr1 243645893	+	A	1	chr1:243645892-243646037
## 3358	chr1 243645893	+	C	118	chr1:243645892-243646037
## 3359	chr1 243645893	-	C	6	chr1:243645892-243646037
## 3360	chr1 243645894	+	T	124	chr1:243645892-243646037
## 3361	chr1 243645894	-	T	6	chr1:243645892-243646037
## 3362	chr1 243645895	+	T	125	chr1:243645892-243646037
## 3363	chr1 243645895	-	T	8	chr1:243645892-243646037
## 3364	chr1 243645896	+	A	1	chr1:243645892-243646037
## 3365	chr1 243645896	+	T	127	chr1:243645892-243646037
## 3366	chr1 243645896	-	T	9	chr1:243645892-243646037
## 3367	chr1 243645897	+	C	131	chr1:243645892-243646037
## 3368	chr1 243645897	-	C	9	chr1:243645892-243646037
## 3369	chr1 243645898	+	T	128	chr1:243645892-243646037
## 3370	chr1 243645898	-	T	10	chr1:243645892-243646037
## 3371	chr1 243645899	+	T	123	chr1:243645892-243646037
## 3372	chr1 243645899	-	T	10	chr1:243645892-243646037
## 3373	chr1 243645900	+	C	1	chr1:243645892-243646037
## 3374	chr1 243645900	+	T	123	chr1:243645892-243646037
## 3375	chr1 243645900	-	T	12	chr1:243645892-243646037
## 3376	chr1 243645901	+	T	132	chr1:243645892-243646037
## 3377	chr1 243645901	-	T	19	chr1:243645892-243646037
## 3378	chr1 243645902	+	A	143	chr1:243645892-243646037
## 3379	chr1 243645902	-	A	21	chr1:243645892-243646037
## 3380	chr1 243645902	+	T	3	chr1:243645892-243646037
## 3381	chr1 243645903	+	T	146	chr1:243645892-243646037
## 3382	chr1 243645903	-	T	21	chr1:243645892-243646037
## 3383	chr1 243645904	+	G	148	chr1:243645892-243646037
## 3384	chr1 243645904	-	G	21	chr1:243645892-243646037
## 3385	chr1 243645904	+	T	2	chr1:243645892-243646037
## 3386	chr1 243645905	+	A	150	chr1:243645892-243646037
## 3387	chr1 243645905	-	A	21	chr1:243645892-243646037
## 3388	chr1 243645906	+	T	153	chr1:243645892-243646037
## 3389	chr1 243645906	-	T	21	chr1:243645892-243646037
## 3390	chr1 243645907	+	C	1	chr1:243645892-243646037
## 3391	chr1 243645907	+	G	154	chr1:243645892-243646037
## 3392	chr1 243645907	-	G	21	chr1:243645892-243646037
## 3393	chr1 243645908	+	G	162	chr1:243645892-243646037
## 3394	chr1 243645908	-	G	21	chr1:243645892-243646037
## 3395	chr1 243645909	+	G	159	chr1:243645892-243646037
## 3396	chr1 243645909	-	G	22	chr1:243645892-243646037
## 3397	chr1 243645910	+	T	161	chr1:243645892-243646037
## 3398	chr1 243645910	-	T	22	chr1:243645892-243646037

## 3399	chr1 243645911	+	T	161	chr1:243645892-243646037
## 3400	chr1 243645911	-	T	23	chr1:243645892-243646037
## 3401	chr1 243645912	+	G	160	chr1:243645892-243646037
## 3402	chr1 243645912	-	G	25	chr1:243645892-243646037
## 3403	chr1 243645913	+	T	161	chr1:243645892-243646037
## 3404	chr1 243645913	-	T	25	chr1:243645892-243646037
## 3405	chr1 243645914	+	A	173	chr1:243645892-243646037
## 3406	chr1 243645914	-	A	25	chr1:243645892-243646037
## 3407	chr1 243645915	+	G	174	chr1:243645892-243646037
## 3408	chr1 243645915	-	G	25	chr1:243645892-243646037
## 3409	chr1 243645916	+	A	174	chr1:243645892-243646037
## 3410	chr1 243645916	-	A	25	chr1:243645892-243646037
## 3411	chr1 243645917	+	G	175	chr1:243645892-243646037
## 3412	chr1 243645917	-	G	28	chr1:243645892-243646037
## 3413	chr1 243645918	+	G	177	chr1:243645892-243646037
## 3414	chr1 243645918	-	G	30	chr1:243645892-243646037
## 3415	chr1 243645919	+	C	177	chr1:243645892-243646037
## 3416	chr1 243645919	-	C	31	chr1:243645892-243646037
## 3417	chr1 243645920	+	A	176	chr1:243645892-243646037
## 3418	chr1 243645920	-	A	32	chr1:243645892-243646037
## 3419	chr1 243645921	+	T	176	chr1:243645892-243646037
## 3420	chr1 243645921	-	T	32	chr1:243645892-243646037
## 3421	chr1 243645922	+	C	176	chr1:243645892-243646037
## 3422	chr1 243645922	-	C	33	chr1:243645892-243646037
## 3423	chr1 243645923	+	C	177	chr1:243645892-243646037
## 3424	chr1 243645923	-	C	33	chr1:243645892-243646037
## 3425	chr1 243645924	+	A	176	chr1:243645892-243646037
## 3426	chr1 243645924	-	A	33	chr1:243645892-243646037
## 3427	chr1 243645925	+	T	173	chr1:243645892-243646037
## 3428	chr1 243645925	-	T	33	chr1:243645892-243646037
## 3429	chr1 243645926	+	C	173	chr1:243645892-243646037
## 3430	chr1 243645926	-	C	34	chr1:243645892-243646037
## 3431	chr1 243645927	+	T	176	chr1:243645892-243646037
## 3432	chr1 243645927	-	T	34	chr1:243645892-243646037
## 3433	chr1 243645928	+	C	178	chr1:243645892-243646037
## 3434	chr1 243645928	-	C	34	chr1:243645892-243646037
## 3435	chr1 243645929	+	T	181	chr1:243645892-243646037
## 3436	chr1 243645929	-	T	37	chr1:243645892-243646037
## 3437	chr1 243645930	+	T	188	chr1:243645892-243646037
## 3438	chr1 243645930	-	T	37	chr1:243645892-243646037
## 3439	chr1 243645931	+	C	188	chr1:243645892-243646037
## 3440	chr1 243645931	-	C	41	chr1:243645892-243646037
## 3441	chr1 243645932	+	C	189	chr1:243645892-243646037
## 3442	chr1 243645932	-	C	42	chr1:243645892-243646037
## 3443	chr1 243645933	+	T	189	chr1:243645892-243646037
## 3444	chr1 243645933	-	T	44	chr1:243645892-243646037
## 3445	chr1 243645934	+	C	184	chr1:243645892-243646037
## 3446	chr1 243645934	-	C	44	chr1:243645892-243646037
## 3447	chr1 243645935	+	T	184	chr1:243645892-243646037
## 3448	chr1 243645935	-	T	44	chr1:243645892-243646037
## 3449	chr1 243645936	+	C	183	chr1:243645892-243646037
## 3450	chr1 243645936	-	C	44	chr1:243645892-243646037
## 3451	chr1 243645937	+	C	184	chr1:243645892-243646037
## 3452	chr1 243645937	-	C	49	chr1:243645892-243646037

## 3453	chr1	243645938	+	T	181	chr1:243645892-243646037
## 3454	chr1	243645938	-	T	52	chr1:243645892-243646037
## 3455	chr1	243645939	+	A	182	chr1:243645892-243646037
## 3456	chr1	243645939	-	A	53	chr1:243645892-243646037
## 3457	chr1	243645940	-	A	1	chr1:243645892-243646037
## 3458	chr1	243645940	+	T	184	chr1:243645892-243646037
## 3459	chr1	243645940	-	T	57	chr1:243645892-243646037
## 3460	chr1	243645941	+	A	183	chr1:243645892-243646037
## 3461	chr1	243645941	-	A	58	chr1:243645892-243646037
## 3462	chr1	243645942	+	T	182	chr1:243645892-243646037
## 3463	chr1	243645942	-	T	58	chr1:243645892-243646037
## 3464	chr1	243645943	+	T	180	chr1:243645892-243646037
## 3465	chr1	243645943	-	T	58	chr1:243645892-243646037
## 3466	chr1	243645944	+	A	188	chr1:243645892-243646037
## 3467	chr1	243645944	-	A	59	chr1:243645892-243646037
## 3468	chr1	243645945	+	T	191	chr1:243645892-243646037
## 3469	chr1	243645945	-	T	60	chr1:243645892-243646037
## 3470	chr1	243645946	+	C	177	chr1:243645892-243646037
## 3471	chr1	243645946	-	C	59	chr1:243645892-243646037
## 3472	chr1	243645947	+	A	177	chr1:243645892-243646037
## 3473	chr1	243645947	-	A	60	chr1:243645892-243646037
## 3474	chr1	243645948	+	A	187	chr1:243645892-243646037
## 3475	chr1	243645948	-	A	60	chr1:243645892-243646037
## 3476	chr1	243645949	+	T	187	chr1:243645892-243646037
## 3477	chr1	243645949	-	T	62	chr1:243645892-243646037
## 3478	chr1	243645950	+	T	189	chr1:243645892-243646037
## 3479	chr1	243645950	-	T	60	chr1:243645892-243646037
## 3480	chr1	243645951	+	T	189	chr1:243645892-243646037
## 3481	chr1	243645951	-	T	62	chr1:243645892-243646037
## 3482	chr1	243645952	+	G	186	chr1:243645892-243646037
## 3483	chr1	243645952	-	G	62	chr1:243645892-243646037
## 3484	chr1	243645953	+	T	188	chr1:243645892-243646037
## 3485	chr1	243645953	-	T	62	chr1:243645892-243646037
## 3486	chr1	243645954	+	G	189	chr1:243645892-243646037
## 3487	chr1	243645954	-	G	62	chr1:243645892-243646037
## 3488	chr1	243645955	+	A	189	chr1:243645892-243646037
## 3489	chr1	243645955	-	A	63	chr1:243645892-243646037
## 3490	chr1	243645956	+	A	190	chr1:243645892-243646037
## 3491	chr1	243645956	-	A	63	chr1:243645892-243646037
## 3492	chr1	243645957	+	G	187	chr1:243645892-243646037
## 3493	chr1	243645957	-	G	63	chr1:243645892-243646037
## 3494	chr1	243645958	+	T	185	chr1:243645892-243646037
## 3495	chr1	243645958	-	T	63	chr1:243645892-243646037
## 3496	chr1	243645959	+	T	185	chr1:243645892-243646037
## 3497	chr1	243645959	-	T	66	chr1:243645892-243646037
## 3498	chr1	243645960	+	G	182	chr1:243645892-243646037
## 3499	chr1	243645960	-	G	66	chr1:243645892-243646037
## 3500	chr1	243645960	+	T	1	chr1:243645892-243646037
## 3501	chr1	243645961	+	G	182	chr1:243645892-243646037
## 3502	chr1	243645961	-	G	68	chr1:243645892-243646037
## 3503	chr1	243645962	+	A	179	chr1:243645892-243646037
## 3504	chr1	243645962	-	A	68	chr1:243645892-243646037
## 3505	chr1	243645963	+	C	178	chr1:243645892-243646037
## 3506	chr1	243645963	-	C	69	chr1:243645892-243646037

## 3507	chr1 243645964	+	T	173	chr1:243645892-243646037
## 3508	chr1 243645964	-	T	67	chr1:243645892-243646037
## 3509	chr1 243645965	+	-	1	chr1:243645892-243646037
## 3510	chr1 243645965	+	A	175	chr1:243645892-243646037
## 3511	chr1 243645965	-	A	67	chr1:243645892-243646037
## 3512	chr1 243645966	+	C	177	chr1:243645892-243646037
## 3513	chr1 243645966	-	C	67	chr1:243645892-243646037
## 3514	chr1 243645967	+	A	173	chr1:243645892-243646037
## 3515	chr1 243645967	-	A	72	chr1:243645892-243646037
## 3516	chr1 243645968	+	A	175	chr1:243645892-243646037
## 3517	chr1 243645968	-	A	73	chr1:243645892-243646037
## 3518	chr1 243645969	+	T	172	chr1:243645892-243646037
## 3519	chr1 243645969	-	T	73	chr1:243645892-243646037
## 3520	chr1 243645970	+	T	170	chr1:243645892-243646037
## 3521	chr1 243645970	-	T	71	chr1:243645892-243646037
## 3522	chr1 243645971	+	C	174	chr1:243645892-243646037
## 3523	chr1 243645971	-	C	73	chr1:243645892-243646037
## 3524	chr1 243645972	+	A	172	chr1:243645892-243646037
## 3525	chr1 243645972	-	A	76	chr1:243645892-243646037
## 3526	chr1 243645973	+	T	173	chr1:243645892-243646037
## 3527	chr1 243645973	-	T	75	chr1:243645892-243646037
## 3528	chr1 243645974	+	T	171	chr1:243645892-243646037
## 3529	chr1 243645974	-	T	77	chr1:243645892-243646037
## 3530	chr1 243645975	+	C	169	chr1:243645892-243646037
## 3531	chr1 243645975	-	C	74	chr1:243645892-243646037
## 3532	chr1 243645975	-	T	1	chr1:243645892-243646037
## 3533	chr1 243645976	+	T	165	chr1:243645892-243646037
## 3534	chr1 243645976	-	T	70	chr1:243645892-243646037
## 3535	chr1 243645977	+	C	151	chr1:243645892-243646037
## 3536	chr1 243645977	-	C	68	chr1:243645892-243646037
## 3537	chr1 243645978	+	T	149	chr1:243645892-243646037
## 3538	chr1 243645978	-	T	68	chr1:243645892-243646037
## 3539	chr1 243645979	+	A	1	chr1:243645892-243646037
## 3540	chr1 243645979	+	C	144	chr1:243645892-243646037
## 3541	chr1 243645979	-	C	68	chr1:243645892-243646037
## 3542	chr1 243645980	+	C	148	chr1:243645892-243646037
## 3543	chr1 243645980	-	C	70	chr1:243645892-243646037
## 3544	chr1 243645981	+	G	1	chr1:243645892-243646037
## 3545	chr1 243645981	+	T	144	chr1:243645892-243646037
## 3546	chr1 243645981	-	T	72	chr1:243645892-243646037
## 3547	chr1 243645982	+	C	142	chr1:243645892-243646037
## 3548	chr1 243645982	-	C	74	chr1:243645892-243646037
## 3549	chr1 243645982	+	T	1	chr1:243645892-243646037
## 3550	chr1 243645983	+	T	136	chr1:243645892-243646037
## 3551	chr1 243645983	-	T	76	chr1:243645892-243646037
## 3552	chr1 243645984	+	G	1	chr1:243645892-243646037
## 3553	chr1 243645984	+	T	139	chr1:243645892-243646037
## 3554	chr1 243645984	-	T	76	chr1:243645892-243646037
## 3555	chr1 243645985	+	C	141	chr1:243645892-243646037
## 3556	chr1 243645985	-	C	80	chr1:243645892-243646037
## 3557	chr1 243645986	+	T	141	chr1:243645892-243646037
## 3558	chr1 243645986	-	T	84	chr1:243645892-243646037
## 3559	chr1 243645987	+	T	141	chr1:243645892-243646037
## 3560	chr1 243645987	-	T	82	chr1:243645892-243646037

## 3561	chr1	243645988	+	G	139	chr1:243645892-243646037
## 3562	chr1	243645988	-	G	87	chr1:243645892-243646037
## 3563	chr1	243645989	+	C	128	chr1:243645892-243646037
## 3564	chr1	243645989	-	C	89	chr1:243645892-243646037
## 3565	chr1	243645990	+	C	127	chr1:243645892-243646037
## 3566	chr1	243645990	-	C	90	chr1:243645892-243646037
## 3567	chr1	243645991	+	T	130	chr1:243645892-243646037
## 3568	chr1	243645991	-	T	99	chr1:243645892-243646037
## 3569	chr1	243645992	+	C	129	chr1:243645892-243646037
## 3570	chr1	243645992	-	C	101	chr1:243645892-243646037
## 3571	chr1	243645993	+	T	126	chr1:243645892-243646037
## 3572	chr1	243645993	-	T	101	chr1:243645892-243646037
## 3573	chr1	243645994	+	G	126	chr1:243645892-243646037
## 3574	chr1	243645994	-	G	103	chr1:243645892-243646037
## 3575	chr1	243645995	+	C	124	chr1:243645892-243646037
## 3576	chr1	243645995	-	C	102	chr1:243645892-243646037
## 3577	chr1	243645996	+	A	129	chr1:243645892-243646037
## 3578	chr1	243645996	-	A	101	chr1:243645892-243646037
## 3579	chr1	243645997	+	G	129	chr1:243645892-243646037
## 3580	chr1	243645997	-	G	102	chr1:243645892-243646037
## 3581	chr1	243645998	+	T	128	chr1:243645892-243646037
## 3582	chr1	243645998	-	T	102	chr1:243645892-243646037
## 3583	chr1	243645999	+	C	127	chr1:243645892-243646037
## 3584	chr1	243645999	-	C	103	chr1:243645892-243646037
## 3585	chr1	243646000	+	T	126	chr1:243645892-243646037
## 3586	chr1	243646000	-	T	103	chr1:243645892-243646037
## 3587	chr1	243646001	+	G	126	chr1:243645892-243646037
## 3588	chr1	243646001	-	G	102	chr1:243645892-243646037
## 3589	chr1	243646002	+	T	123	chr1:243645892-243646037
## 3590	chr1	243646002	-	T	107	chr1:243645892-243646037
## 3591	chr1	243646003	+	C	121	chr1:243645892-243646037
## 3592	chr1	243646003	-	C	109	chr1:243645892-243646037
## 3593	chr1	243646004	+	T	120	chr1:243645892-243646037
## 3594	chr1	243646004	-	T	113	chr1:243645892-243646037
## 3595	chr1	243646005	+	G	111	chr1:243645892-243646037
## 3596	chr1	243646005	-	G	113	chr1:243645892-243646037
## 3597	chr1	243646006	+	C	111	chr1:243645892-243646037
## 3598	chr1	243646006	-	C	121	chr1:243645892-243646037
## 3599	chr1	243646007	+	T	110	chr1:243645892-243646037
## 3600	chr1	243646007	-	T	122	chr1:243645892-243646037
## 3601	chr1	243646008	+	A	110	chr1:243645892-243646037
## 3602	chr1	243646008	-	A	121	chr1:243645892-243646037
## 3603	chr1	243646009	+	C	108	chr1:243645892-243646037
## 3604	chr1	243646009	-	C	126	chr1:243645892-243646037
## 3605	chr1	243646010	+	A	108	chr1:243645892-243646037
## 3606	chr1	243646010	-	A	131	chr1:243645892-243646037
## 3607	chr1	243646011	+	G	108	chr1:243645892-243646037
## 3608	chr1	243646011	-	G	132	chr1:243645892-243646037
## 3609	chr1	243646012	+	C	107	chr1:243645892-243646037
## 3610	chr1	243646012	-	C	130	chr1:243645892-243646037
## 3611	chr1	243646013	+	C	106	chr1:243645892-243646037
## 3612	chr1	243646013	-	C	134	chr1:243645892-243646037
## 3613	chr1	243646014	+	T	105	chr1:243645892-243646037
## 3614	chr1	243646014	-	T	135	chr1:243645892-243646037

## 3615	chr1	243646015	+	G	101	chr1:243645892-243646037
## 3616	chr1	243646015	-	G	130	chr1:243645892-243646037
## 3617	chr1	243646016	+	G	100	chr1:243645892-243646037
## 3618	chr1	243646016	-	G	130	chr1:243645892-243646037
## 3619	chr1	243646016	-	T	5	chr1:243645892-243646037
## 3620	chr1	243646017	+	A	99	chr1:243645892-243646037
## 3621	chr1	243646017	-	A	137	chr1:243645892-243646037
## 3622	chr1	243646018	+	T	100	chr1:243645892-243646037
## 3623	chr1	243646018	-	T	137	chr1:243645892-243646037
## 3624	chr1	243646019	+	A	92	chr1:243645892-243646037
## 3625	chr1	243646019	-	A	136	chr1:243645892-243646037
## 3626	chr1	243646020	+	G	89	chr1:243645892-243646037
## 3627	chr1	243646020	-	G	143	chr1:243645892-243646037
## 3628	chr1	243646021	+	C	89	chr1:243645892-243646037
## 3629	chr1	243646021	-	C	143	chr1:243645892-243646037
## 3630	chr1	243646022	+	T	88	chr1:243645892-243646037
## 3631	chr1	243646022	-	T	142	chr1:243645892-243646037
## 3632	chr1	243646023	+	T	75	chr1:243645892-243646037
## 3633	chr1	243646023	-	T	149	chr1:243645892-243646037
## 3634	chr1	243646024	+	C	73	chr1:243645892-243646037
## 3635	chr1	243646024	-	C	153	chr1:243645892-243646037
## 3636	chr1	243646025	+	T	71	chr1:243645892-243646037
## 3637	chr1	243646025	-	T	153	chr1:243645892-243646037
## 3638	chr1	243646026	+	G	71	chr1:243645892-243646037
## 3639	chr1	243646026	-	G	152	chr1:243645892-243646037
## 3640	chr1	243646027	+	T	70	chr1:243645892-243646037
## 3641	chr1	243646027	-	T	155	chr1:243645892-243646037
## 3642	chr1	243646028	+	C	67	chr1:243645892-243646037
## 3643	chr1	243646028	-	C	157	chr1:243645892-243646037
## 3644	chr1	243646029	+	C	66	chr1:243645892-243646037
## 3645	chr1	243646029	-	C	167	chr1:243645892-243646037
## 3646	chr1	243646030	+	A	65	chr1:243645892-243646037
## 3647	chr1	243646030	-	A	169	chr1:243645892-243646037
## 3648	chr1	243646031	+	C	1	chr1:243645892-243646037
## 3649	chr1	243646031	+	T	63	chr1:243645892-243646037
## 3650	chr1	243646031	-	T	168	chr1:243645892-243646037
## 3651	chr1	243646032	+	T	63	chr1:243645892-243646037
## 3652	chr1	243646032	-	T	173	chr1:243645892-243646037
## 3653	chr1	243646033	+	C	62	chr1:243645892-243646037
## 3654	chr1	243646033	-	C	173	chr1:243645892-243646037
## 3655	chr1	243646034	+	T	62	chr1:243645892-243646037
## 3656	chr1	243646034	-	T	172	chr1:243645892-243646037
## 3657	chr1	243646035	+	T	61	chr1:243645892-243646037
## 3658	chr1	243646035	-	T	172	chr1:243645892-243646037
## 3659	chr1	243646036	+	C	61	chr1:243645892-243646037
## 3660	chr1	243646036	-	C	176	chr1:243645892-243646037
## 3661	chr1	243646037	+	C	61	chr1:243645892-243646037
## 3662	chr1	243646037	-	C	176	chr1:243645892-243646037
## 3663	chr1	243664771	+	C	133	chr1:243664771-243664883
## 3664	chr1	243664771	-	C	55	chr1:243664771-243664883
## 3665	chr1	243664772	+	C	137	chr1:243664771-243664883
## 3666	chr1	243664772	-	C	56	chr1:243664771-243664883
## 3667	chr1	243664773	+	T	137	chr1:243664771-243664883
## 3668	chr1	243664773	-	T	56	chr1:243664771-243664883

## 3669	chr1 243664774	+	T	139	chr1:243664771-243664883
## 3670	chr1 243664774	-	T	56	chr1:243664771-243664883
## 3671	chr1 243664775	+	T	139	chr1:243664771-243664883
## 3672	chr1 243664775	-	T	62	chr1:243664771-243664883
## 3673	chr1 243664776	+	A	1	chr1:243664771-243664883
## 3674	chr1 243664776	+	C	138	chr1:243664771-243664883
## 3675	chr1 243664776	-	C	62	chr1:243664771-243664883
## 3676	chr1 243664777	+	A	1	chr1:243664771-243664883
## 3677	chr1 243664777	+	C	137	chr1:243664771-243664883
## 3678	chr1 243664777	-	C	65	chr1:243664771-243664883
## 3679	chr1 243664778	+	T	146	chr1:243664771-243664883
## 3680	chr1 243664778	-	T	66	chr1:243664771-243664883
## 3681	chr1 243664779	+	C	145	chr1:243664771-243664883
## 3682	chr1 243664779	-	C	66	chr1:243664771-243664883
## 3683	chr1 243664780	+	T	148	chr1:243664771-243664883
## 3684	chr1 243664780	-	T	69	chr1:243664771-243664883
## 3685	chr1 243664781	+	G	149	chr1:243664771-243664883
## 3686	chr1 243664781	-	G	69	chr1:243664771-243664883
## 3687	chr1 243664782	+	G	149	chr1:243664771-243664883
## 3688	chr1 243664782	-	G	70	chr1:243664771-243664883
## 3689	chr1 243664783	+	A	145	chr1:243664771-243664883
## 3690	chr1 243664783	-	A	70	chr1:243664771-243664883
## 3691	chr1 243664784	+	G	145	chr1:243664771-243664883
## 3692	chr1 243664784	-	G	72	chr1:243664771-243664883
## 3693	chr1 243664785	+	T	147	chr1:243664771-243664883
## 3694	chr1 243664785	-	T	72	chr1:243664771-243664883
## 3695	chr1 243664786	+	A	145	chr1:243664771-243664883
## 3696	chr1 243664786	-	A	73	chr1:243664771-243664883
## 3697	chr1 243664787	+	T	142	chr1:243664771-243664883
## 3698	chr1 243664787	-	T	73	chr1:243664771-243664883
## 3699	chr1 243664788	+	C	132	chr1:243664771-243664883
## 3700	chr1 243664788	-	C	73	chr1:243664771-243664883
## 3701	chr1 243664789	+	T	134	chr1:243664771-243664883
## 3702	chr1 243664789	-	T	73	chr1:243664771-243664883
## 3703	chr1 243664790	+	A	135	chr1:243664771-243664883
## 3704	chr1 243664790	-	A	73	chr1:243664771-243664883
## 3705	chr1 243664791	+	A	3	chr1:243664771-243664883
## 3706	chr1 243664791	+	C	132	chr1:243664771-243664883
## 3707	chr1 243664791	-	C	73	chr1:243664771-243664883
## 3708	chr1 243664792	+	A	133	chr1:243664771-243664883
## 3709	chr1 243664792	-	A	75	chr1:243664771-243664883
## 3710	chr1 243664793	+	T	131	chr1:243664771-243664883
## 3711	chr1 243664793	-	T	80	chr1:243664771-243664883
## 3712	chr1 243664794	+	G	137	chr1:243664771-243664883
## 3713	chr1 243664794	-	G	80	chr1:243664771-243664883
## 3714	chr1 243664795	+	A	137	chr1:243664771-243664883
## 3715	chr1 243664795	-	A	81	chr1:243664771-243664883
## 3716	chr1 243664796	+	A	139	chr1:243664771-243664883
## 3717	chr1 243664796	-	A	81	chr1:243664771-243664883
## 3718	chr1 243664797	+	A	145	chr1:243664771-243664883
## 3719	chr1 243664797	-	A	84	chr1:243664771-243664883
## 3720	chr1 243664798	+	T	141	chr1:243664771-243664883
## 3721	chr1 243664798	-	T	84	chr1:243664771-243664883
## 3722	chr1 243664799	+	G	137	chr1:243664771-243664883

## 3723	chr1 243664799	-	G	82	chr1:243664771-243664883
## 3724	chr1 243664800	+	T	130	chr1:243664771-243664883
## 3725	chr1 243664800	-	T	82	chr1:243664771-243664883
## 3726	chr1 243664801	+	T	130	chr1:243664771-243664883
## 3727	chr1 243664801	-	T	82	chr1:243664771-243664883
## 3728	chr1 243664802	+	A	1	chr1:243664771-243664883
## 3729	chr1 243664802	+	C	126	chr1:243664771-243664883
## 3730	chr1 243664802	-	C	81	chr1:243664771-243664883
## 3731	chr1 243664803	+	T	127	chr1:243664771-243664883
## 3732	chr1 243664803	-	T	83	chr1:243664771-243664883
## 3733	chr1 243664804	+	C	127	chr1:243664771-243664883
## 3734	chr1 243664804	-	C	80	chr1:243664771-243664883
## 3735	chr1 243664805	+	T	128	chr1:243664771-243664883
## 3736	chr1 243664805	-	T	80	chr1:243664771-243664883
## 3737	chr1 243664806	+	C	127	chr1:243664771-243664883
## 3738	chr1 243664806	-	C	80	chr1:243664771-243664883
## 3739	chr1 243664807	+	T	127	chr1:243664771-243664883
## 3740	chr1 243664807	-	T	81	chr1:243664771-243664883
## 3741	chr1 243664808	+	A	122	chr1:243664771-243664883
## 3742	chr1 243664808	-	A	85	chr1:243664771-243664883
## 3743	chr1 243664808	+	T	2	chr1:243664771-243664883
## 3744	chr1 243664809	+	T	122	chr1:243664771-243664883
## 3745	chr1 243664809	-	T	87	chr1:243664771-243664883
## 3746	chr1 243664810	+	A	122	chr1:243664771-243664883
## 3747	chr1 243664810	-	A	87	chr1:243664771-243664883
## 3748	chr1 243664811	+	A	121	chr1:243664771-243664883
## 3749	chr1 243664811	-	A	88	chr1:243664771-243664883
## 3750	chr1 243664812	+	C	121	chr1:243664771-243664883
## 3751	chr1 243664812	-	C	91	chr1:243664771-243664883
## 3752	chr1 243664813	+	A	123	chr1:243664771-243664883
## 3753	chr1 243664813	-	A	92	chr1:243664771-243664883
## 3754	chr1 243664814	+	G	123	chr1:243664771-243664883
## 3755	chr1 243664814	-	G	92	chr1:243664771-243664883
## 3756	chr1 243664815	+	T	121	chr1:243664771-243664883
## 3757	chr1 243664815	-	T	91	chr1:243664771-243664883
## 3758	chr1 243664816	+	A	115	chr1:243664771-243664883
## 3759	chr1 243664816	-	A	95	chr1:243664771-243664883
## 3760	chr1 243664817	+	G	115	chr1:243664771-243664883
## 3761	chr1 243664817	-	G	96	chr1:243664771-243664883
## 3762	chr1 243664818	+	T	115	chr1:243664771-243664883
## 3763	chr1 243664818	-	T	97	chr1:243664771-243664883
## 3764	chr1 243664819	+	C	108	chr1:243664771-243664883
## 3765	chr1 243664819	-	C	94	chr1:243664771-243664883
## 3766	chr1 243664820	+	C	108	chr1:243664771-243664883
## 3767	chr1 243664820	-	C	104	chr1:243664771-243664883
## 3768	chr1 243664821	+	A	107	chr1:243664771-243664883
## 3769	chr1 243664821	-	A	102	chr1:243664771-243664883
## 3770	chr1 243664822	+	C	106	chr1:243664771-243664883
## 3771	chr1 243664822	-	C	101	chr1:243664771-243664883
## 3772	chr1 243664822	-	T	1	chr1:243664771-243664883
## 3773	chr1 243664823	+	T	103	chr1:243664771-243664883
## 3774	chr1 243664823	-	T	101	chr1:243664771-243664883
## 3775	chr1 243664824	+	G	102	chr1:243664771-243664883
## 3776	chr1 243664824	-	G	99	chr1:243664771-243664883

## 3777	chr1 243664825	+	G	102	chr1:243664771-243664883
## 3778	chr1 243664825	-	G	95	chr1:243664771-243664883
## 3779	chr1 243664826	+	A	103	chr1:243664771-243664883
## 3780	chr1 243664826	-	A	95	chr1:243664771-243664883
## 3781	chr1 243664827	+	A	1	chr1:243664771-243664883
## 3782	chr1 243664827	+	G	96	chr1:243664771-243664883
## 3783	chr1 243664827	-	G	95	chr1:243664771-243664883
## 3784	chr1 243664828	+	A	97	chr1:243664771-243664883
## 3785	chr1 243664828	-	A	96	chr1:243664771-243664883
## 3786	chr1 243664829	+	C	94	chr1:243664771-243664883
## 3787	chr1 243664829	-	C	96	chr1:243664771-243664883
## 3788	chr1 243664830	+	A	94	chr1:243664771-243664883
## 3789	chr1 243664830	-	A	101	chr1:243664771-243664883
## 3790	chr1 243664831	+	T	91	chr1:243664771-243664883
## 3791	chr1 243664831	-	T	102	chr1:243664771-243664883
## 3792	chr1 243664832	+	C	91	chr1:243664771-243664883
## 3793	chr1 243664832	-	C	105	chr1:243664771-243664883
## 3794	chr1 243664833	+	T	90	chr1:243664771-243664883
## 3795	chr1 243664833	-	T	106	chr1:243664771-243664883
## 3796	chr1 243664834	+	C	1	chr1:243664771-243664883
## 3797	chr1 243664834	+	G	88	chr1:243664771-243664883
## 3798	chr1 243664834	-	G	106	chr1:243664771-243664883
## 3799	chr1 243664835	+	A	86	chr1:243664771-243664883
## 3800	chr1 243664835	-	A	103	chr1:243664771-243664883
## 3801	chr1 243664836	+	T	84	chr1:243664771-243664883
## 3802	chr1 243664836	-	T	103	chr1:243664771-243664883
## 3803	chr1 243664837	+	T	82	chr1:243664771-243664883
## 3804	chr1 243664837	-	T	102	chr1:243664771-243664883
## 3805	chr1 243664838	+	A	82	chr1:243664771-243664883
## 3806	chr1 243664838	-	A	106	chr1:243664771-243664883
## 3807	chr1 243664839	+	T	80	chr1:243664771-243664883
## 3808	chr1 243664839	-	T	110	chr1:243664771-243664883
## 3809	chr1 243664840	+	A	79	chr1:243664771-243664883
## 3810	chr1 243664840	-	A	109	chr1:243664771-243664883
## 3811	chr1 243664841	+	A	79	chr1:243664771-243664883
## 3812	chr1 243664841	-	A	103	chr1:243664771-243664883
## 3813	chr1 243664841	-	T	1	chr1:243664771-243664883
## 3814	chr1 243664842	+	A	80	chr1:243664771-243664883
## 3815	chr1 243664842	-	A	105	chr1:243664771-243664883
## 3816	chr1 243664843	+	T	78	chr1:243664771-243664883
## 3817	chr1 243664843	-	T	106	chr1:243664771-243664883
## 3818	chr1 243664844	+	G	78	chr1:243664771-243664883
## 3819	chr1 243664844	-	G	109	chr1:243664771-243664883
## 3820	chr1 243664845	+	T	75	chr1:243664771-243664883
## 3821	chr1 243664845	-	T	114	chr1:243664771-243664883
## 3822	chr1 243664846	+	G	74	chr1:243664771-243664883
## 3823	chr1 243664846	-	G	116	chr1:243664771-243664883
## 3824	chr1 243664847	+	T	70	chr1:243664771-243664883
## 3825	chr1 243664847	-	T	116	chr1:243664771-243664883
## 3826	chr1 243664848	+	T	69	chr1:243664771-243664883
## 3827	chr1 243664848	-	T	117	chr1:243664771-243664883
## 3828	chr1 243664849	+	T	66	chr1:243664771-243664883
## 3829	chr1 243664849	-	T	118	chr1:243664771-243664883
## 3830	chr1 243664850	+	G	63	chr1:243664771-243664883

## 3831	chr1	243664850	-	G	115	chr1:243664771-243664883
## 3832	chr1	243664851	-	A	2	chr1:243664771-243664883
## 3833	chr1	243664851	+	G	63	chr1:243664771-243664883
## 3834	chr1	243664851	-	G	116	chr1:243664771-243664883
## 3835	chr1	243664852	+	C	61	chr1:243664771-243664883
## 3836	chr1	243664852	-	C	115	chr1:243664771-243664883
## 3837	chr1	243664853	+	T	54	chr1:243664771-243664883
## 3838	chr1	243664853	-	T	115	chr1:243664771-243664883
## 3839	chr1	243664854	+	T	54	chr1:243664771-243664883
## 3840	chr1	243664854	-	T	115	chr1:243664771-243664883
## 3841	chr1	243664855	+	T	51	chr1:243664771-243664883
## 3842	chr1	243664855	-	T	112	chr1:243664771-243664883
## 3843	chr1	243664856	+	G	50	chr1:243664771-243664883
## 3844	chr1	243664856	-	G	114	chr1:243664771-243664883
## 3845	chr1	243664857	+	G	49	chr1:243664771-243664883
## 3846	chr1	243664857	-	G	116	chr1:243664771-243664883
## 3847	chr1	243664858	+	T	48	chr1:243664771-243664883
## 3848	chr1	243664858	-	T	118	chr1:243664771-243664883
## 3849	chr1	243664859	+	C	48	chr1:243664771-243664883
## 3850	chr1	243664859	-	C	122	chr1:243664771-243664883
## 3851	chr1	243664860	+	G	46	chr1:243664771-243664883
## 3852	chr1	243664860	-	G	122	chr1:243664771-243664883
## 3853	chr1	243664861	+	T	46	chr1:243664771-243664883
## 3854	chr1	243664861	-	T	122	chr1:243664771-243664883
## 3855	chr1	243664862	+	T	46	chr1:243664771-243664883
## 3856	chr1	243664862	-	T	123	chr1:243664771-243664883
## 3857	chr1	243664863	+	C	46	chr1:243664771-243664883
## 3858	chr1	243664863	-	C	123	chr1:243664771-243664883
## 3859	chr1	243664864	+	T	44	chr1:243664771-243664883
## 3860	chr1	243664864	-	T	125	chr1:243664771-243664883
## 3861	chr1	243664865	+	G	42	chr1:243664771-243664883
## 3862	chr1	243664865	-	G	130	chr1:243664771-243664883
## 3863	chr1	243664866	+	T	42	chr1:243664771-243664883
## 3864	chr1	243664866	-	T	131	chr1:243664771-243664883
## 3865	chr1	243664867	-	C	1	chr1:243664771-243664883
## 3866	chr1	243664867	+	T	40	chr1:243664771-243664883
## 3867	chr1	243664867	-	T	131	chr1:243664771-243664883
## 3868	chr1	243664868	+	T	40	chr1:243664771-243664883
## 3869	chr1	243664868	-	T	128	chr1:243664771-243664883
## 3870	chr1	243664869	+	T	34	chr1:243664771-243664883
## 3871	chr1	243664869	-	T	128	chr1:243664771-243664883
## 3872	chr1	243664870	+	C	31	chr1:243664771-243664883
## 3873	chr1	243664870	-	C	137	chr1:243664771-243664883
## 3874	chr1	243664871	+	A	27	chr1:243664771-243664883
## 3875	chr1	243664871	-	A	137	chr1:243664771-243664883
## 3876	chr1	243664872	+	T	21	chr1:243664771-243664883
## 3877	chr1	243664872	-	T	134	chr1:243664771-243664883
## 3878	chr1	243664873	+	T	20	chr1:243664771-243664883
## 3879	chr1	243664873	-	T	134	chr1:243664771-243664883
## 3880	chr1	243664874	+	A	20	chr1:243664771-243664883
## 3881	chr1	243664874	-	A	134	chr1:243664771-243664883
## 3882	chr1	243664875	+	A	18	chr1:243664771-243664883
## 3883	chr1	243664875	-	A	134	chr1:243664771-243664883
## 3884	chr1	243664876	+	C	18	chr1:243664771-243664883

## 3885	chr1	243664876	-	C	134	chr1:243664771-243664883
## 3886	chr1	243664877	+	T	18	chr1:243664771-243664883
## 3887	chr1	243664877	-	T	134	chr1:243664771-243664883
## 3888	chr1	243664878	+	G	18	chr1:243664771-243664883
## 3889	chr1	243664878	-	G	135	chr1:243664771-243664883
## 3890	chr1	243664879	+	G	18	chr1:243664771-243664883
## 3891	chr1	243664879	-	G	135	chr1:243664771-243664883
## 3892	chr1	243664880	+	C	17	chr1:243664771-243664883
## 3893	chr1	243664880	-	C	133	chr1:243664771-243664883
## 3894	chr1	243664881	+	A	16	chr1:243664771-243664883
## 3895	chr1	243664881	-	A	133	chr1:243664771-243664883
## 3896	chr1	243664882	+	T	16	chr1:243664771-243664883
## 3897	chr1	243664882	-	T	131	chr1:243664771-243664883
## 3898	chr1	243664883	+	T	16	chr1:243664771-243664883
## 3899	chr1	243664883	-	T	128	chr1:243664771-243664883
## 3900	chr1	243695590	+	C	139	chr1:243695590-243695716
## 3901	chr1	243695590	-	C	25	chr1:243695590-243695716
## 3902	chr1	243695591	+	T	139	chr1:243695590-243695716
## 3903	chr1	243695591	-	T	25	chr1:243695590-243695716
## 3904	chr1	243695592	+	T	138	chr1:243695590-243695716
## 3905	chr1	243695592	-	T	28	chr1:243695590-243695716
## 3906	chr1	243695593	+	G	136	chr1:243695590-243695716
## 3907	chr1	243695593	-	G	32	chr1:243695590-243695716
## 3908	chr1	243695594	+	C	136	chr1:243695590-243695716
## 3909	chr1	243695594	-	C	32	chr1:243695590-243695716
## 3910	chr1	243695595	+	C	128	chr1:243695590-243695716
## 3911	chr1	243695595	-	C	32	chr1:243695590-243695716
## 3912	chr1	243695596	+	A	129	chr1:243695590-243695716
## 3913	chr1	243695596	-	A	32	chr1:243695590-243695716
## 3914	chr1	243695597	+	C	129	chr1:243695590-243695716
## 3915	chr1	243695597	-	C	38	chr1:243695590-243695716
## 3916	chr1	243695598	+	T	121	chr1:243695590-243695716
## 3917	chr1	243695598	-	T	39	chr1:243695590-243695716
## 3918	chr1	243695599	+	G	121	chr1:243695590-243695716
## 3919	chr1	243695599	-	G	39	chr1:243695590-243695716
## 3920	chr1	243695600	+	A	124	chr1:243695590-243695716
## 3921	chr1	243695600	-	A	39	chr1:243695590-243695716
## 3922	chr1	243695601	+	A	121	chr1:243695590-243695716
## 3923	chr1	243695601	-	A	39	chr1:243695590-243695716
## 3924	chr1	243695602	+	A	125	chr1:243695590-243695716
## 3925	chr1	243695602	-	A	39	chr1:243695590-243695716
## 3926	chr1	243695603	+	A	131	chr1:243695590-243695716
## 3927	chr1	243695603	-	A	40	chr1:243695590-243695716
## 3928	chr1	243695604	+	G	134	chr1:243695590-243695716
## 3929	chr1	243695604	-	G	41	chr1:243695590-243695716
## 3930	chr1	243695605	+	T	132	chr1:243695590-243695716
## 3931	chr1	243695605	-	T	41	chr1:243695590-243695716
## 3932	chr1	243695606	+	T	132	chr1:243695590-243695716
## 3933	chr1	243695606	-	T	41	chr1:243695590-243695716
## 3934	chr1	243695607	+	A	2	chr1:243695590-243695716
## 3935	chr1	243695607	-	A	2	chr1:243695590-243695716
## 3936	chr1	243695607	+	G	130	chr1:243695590-243695716
## 3937	chr1	243695607	-	G	39	chr1:243695590-243695716
## 3938	chr1	243695608	+	T	135	chr1:243695590-243695716

## 3939	chr1 243695608	-	T	41	chr1:243695590-243695716
## 3940	chr1 243695609	+	T	135	chr1:243695590-243695716
## 3941	chr1 243695609	-	T	41	chr1:243695590-243695716
## 3942	chr1 243695610	+	G	132	chr1:243695590-243695716
## 3943	chr1 243695610	-	G	43	chr1:243695590-243695716
## 3944	chr1 243695611	+	A	137	chr1:243695590-243695716
## 3945	chr1 243695611	-	A	43	chr1:243695590-243695716
## 3946	chr1 243695612	+	G	136	chr1:243695590-243695716
## 3947	chr1 243695612	-	G	44	chr1:243695590-243695716
## 3948	chr1 243695613	+	G	135	chr1:243695590-243695716
## 3949	chr1 243695613	-	G	44	chr1:243695590-243695716
## 3950	chr1 243695614	+	G	134	chr1:243695590-243695716
## 3951	chr1 243695614	-	G	45	chr1:243695590-243695716
## 3952	chr1 243695615	+	G	133	chr1:243695590-243695716
## 3953	chr1 243695615	-	G	47	chr1:243695590-243695716
## 3954	chr1 243695616	+	A	133	chr1:243695590-243695716
## 3955	chr1 243695616	-	A	48	chr1:243695590-243695716
## 3956	chr1 243695617	+	T	135	chr1:243695590-243695716
## 3957	chr1 243695617	-	T	48	chr1:243695590-243695716
## 3958	chr1 243695618	+	A	135	chr1:243695590-243695716
## 3959	chr1 243695618	-	A	50	chr1:243695590-243695716
## 3960	chr1 243695619	+	A	131	chr1:243695590-243695716
## 3961	chr1 243695619	-	A	51	chr1:243695590-243695716
## 3962	chr1 243695620	+	C	1	chr1:243695590-243695716
## 3963	chr1 243695620	+	G	132	chr1:243695590-243695716
## 3964	chr1 243695620	-	G	52	chr1:243695590-243695716
## 3965	chr1 243695621	+	G	133	chr1:243695590-243695716
## 3966	chr1 243695621	-	G	52	chr1:243695590-243695716
## 3967	chr1 243695622	+	A	1	chr1:243695590-243695716
## 3968	chr1 243695622	+	T	133	chr1:243695590-243695716
## 3969	chr1 243695622	-	T	55	chr1:243695590-243695716
## 3970	chr1 243695623	+	A	133	chr1:243695590-243695716
## 3971	chr1 243695623	-	A	55	chr1:243695590-243695716
## 3972	chr1 243695624	+	A	129	chr1:243695590-243695716
## 3973	chr1 243695624	-	A	56	chr1:243695590-243695716
## 3974	chr1 243695625	+	A	124	chr1:243695590-243695716
## 3975	chr1 243695625	-	A	57	chr1:243695590-243695716
## 3976	chr1 243695626	+	T	124	chr1:243695590-243695716
## 3977	chr1 243695626	-	T	60	chr1:243695590-243695716
## 3978	chr1 243695627	+	C	122	chr1:243695590-243695716
## 3979	chr1 243695627	-	C	66	chr1:243695590-243695716
## 3980	chr1 243695628	+	C	121	chr1:243695590-243695716
## 3981	chr1 243695628	-	C	73	chr1:243695590-243695716
## 3982	chr1 243695629	+	A	118	chr1:243695590-243695716
## 3983	chr1 243695629	-	A	76	chr1:243695590-243695716
## 3984	chr1 243695630	+	C	119	chr1:243695590-243695716
## 3985	chr1 243695630	-	C	79	chr1:243695590-243695716
## 3986	chr1 243695631	+	A	122	chr1:243695590-243695716
## 3987	chr1 243695631	-	A	82	chr1:243695590-243695716
## 3988	chr1 243695632	+	T	122	chr1:243695590-243695716
## 3989	chr1 243695632	-	T	81	chr1:243695590-243695716
## 3990	chr1 243695633	+	C	119	chr1:243695590-243695716
## 3991	chr1 243695633	-	C	81	chr1:243695590-243695716
## 3992	chr1 243695634	+	T	119	chr1:243695590-243695716

## 3993	chr1	243695634	-	T	82	chr1:243695590-243695716
## 3994	chr1	243695635	+	T	120	chr1:243695590-243695716
## 3995	chr1	243695635	-	T	82	chr1:243695590-243695716
## 3996	chr1	243695636	+	G	114	chr1:243695590-243695716
## 3997	chr1	243695636	-	G	82	chr1:243695590-243695716
## 3998	chr1	243695637	+	A	115	chr1:243695590-243695716
## 3999	chr1	243695637	-	A	81	chr1:243695590-243695716
## 4000	chr1	243695638	+	G	114	chr1:243695590-243695716
## 4001	chr1	243695638	-	G	81	chr1:243695590-243695716
## 4002	chr1	243695639	+	G	109	chr1:243695590-243695716
## 4003	chr1	243695639	-	G	81	chr1:243695590-243695716
## 4004	chr1	243695640	+	T	109	chr1:243695590-243695716
## 4005	chr1	243695640	-	T	79	chr1:243695590-243695716
## 4006	chr1	243695641	+	T	112	chr1:243695590-243695716
## 4007	chr1	243695641	-	T	79	chr1:243695590-243695716
## 4008	chr1	243695642	+	A	1	chr1:243695590-243695716
## 4009	chr1	243695642	+	T	111	chr1:243695590-243695716
## 4010	chr1	243695642	-	T	79	chr1:243695590-243695716
## 4011	chr1	243695643	+	C	112	chr1:243695590-243695716
## 4012	chr1	243695643	-	C	83	chr1:243695590-243695716
## 4013	chr1	243695644	+	A	1	chr1:243695590-243695716
## 4014	chr1	243695644	+	T	103	chr1:243695590-243695716
## 4015	chr1	243695644	-	T	84	chr1:243695590-243695716
## 4016	chr1	243695645	+	C	108	chr1:243695590-243695716
## 4017	chr1	243695645	-	C	84	chr1:243695590-243695716
## 4018	chr1	243695646	+	T	103	chr1:243695590-243695716
## 4019	chr1	243695646	-	T	84	chr1:243695590-243695716
## 4020	chr1	243695647	+	T	103	chr1:243695590-243695716
## 4021	chr1	243695647	-	T	84	chr1:243695590-243695716
## 4022	chr1	243695648	+	T	103	chr1:243695590-243695716
## 4023	chr1	243695648	-	T	85	chr1:243695590-243695716
## 4024	chr1	243695649	+	A	104	chr1:243695590-243695716
## 4025	chr1	243695649	-	A	85	chr1:243695590-243695716
## 4026	chr1	243695650	+	T	99	chr1:243695590-243695716
## 4027	chr1	243695650	-	T	83	chr1:243695590-243695716
## 4028	chr1	243695651	+	A	98	chr1:243695590-243695716
## 4029	chr1	243695651	-	A	84	chr1:243695590-243695716
## 4030	chr1	243695652	+	T	95	chr1:243695590-243695716
## 4031	chr1	243695652	-	T	87	chr1:243695590-243695716
## 4032	chr1	243695653	+	A	1	chr1:243695590-243695716
## 4033	chr1	243695653	+	C	93	chr1:243695590-243695716
## 4034	chr1	243695653	-	C	88	chr1:243695590-243695716
## 4035	chr1	243695654	+	C	94	chr1:243695590-243695716
## 4036	chr1	243695654	-	C	88	chr1:243695590-243695716
## 4037	chr1	243695655	+	T	94	chr1:243695590-243695716
## 4038	chr1	243695655	-	T	88	chr1:243695590-243695716
## 4039	chr1	243695656	+	A	97	chr1:243695590-243695716
## 4040	chr1	243695656	-	A	87	chr1:243695590-243695716
## 4041	chr1	243695657	+	T	96	chr1:243695590-243695716
## 4042	chr1	243695657	-	T	87	chr1:243695590-243695716
## 4043	chr1	243695658	+	G	97	chr1:243695590-243695716
## 4044	chr1	243695658	-	G	86	chr1:243695590-243695716
## 4045	chr1	243695659	+	A	92	chr1:243695590-243695716
## 4046	chr1	243695659	-	A	89	chr1:243695590-243695716

## 4047	chr1 243695660	+	A	93	chr1:243695590-243695716
## 4048	chr1 243695660	-	A	97	chr1:243695590-243695716
## 4049	chr1 243695661	+	T	91	chr1:243695590-243695716
## 4050	chr1 243695661	-	T	104	chr1:243695590-243695716
## 4051	chr1 243695662	+	G	91	chr1:243695590-243695716
## 4052	chr1 243695662	-	G	103	chr1:243695590-243695716
## 4053	chr1 243695663	+	A	86	chr1:243695590-243695716
## 4054	chr1 243695663	-	A	106	chr1:243695590-243695716
## 4055	chr1 243695664	+	G	86	chr1:243695590-243695716
## 4056	chr1 243695664	-	G	106	chr1:243695590-243695716
## 4057	chr1 243695665	+	C	78	chr1:243695590-243695716
## 4058	chr1 243695665	-	C	109	chr1:243695590-243695716
## 4059	chr1 243695666	+	C	78	chr1:243695590-243695716
## 4060	chr1 243695666	-	C	111	chr1:243695590-243695716
## 4061	chr1 243695667	+	A	77	chr1:243695590-243695716
## 4062	chr1 243695667	-	A	114	chr1:243695590-243695716
## 4063	chr1 243695668	+	T	77	chr1:243695590-243695716
## 4064	chr1 243695668	-	T	110	chr1:243695590-243695716
## 4065	chr1 243695669	+	C	77	chr1:243695590-243695716
## 4066	chr1 243695669	-	C	110	chr1:243695590-243695716
## 4067	chr1 243695670	+	C	1	chr1:243695590-243695716
## 4068	chr1 243695670	+	T	78	chr1:243695590-243695716
## 4069	chr1 243695670	-	T	113	chr1:243695590-243695716
## 4070	chr1 243695671	+	G	78	chr1:243695590-243695716
## 4071	chr1 243695671	-	G	114	chr1:243695590-243695716
## 4072	chr1 243695672	+	T	81	chr1:243695590-243695716
## 4073	chr1 243695672	-	T	108	chr1:243695590-243695716
## 4074	chr1 243695673	+	C	81	chr1:243695590-243695716
## 4075	chr1 243695673	-	C	113	chr1:243695590-243695716
## 4076	chr1 243695674	+	T	82	chr1:243695590-243695716
## 4077	chr1 243695674	-	T	113	chr1:243695590-243695716
## 4078	chr1 243695675	+	T	79	chr1:243695590-243695716
## 4079	chr1 243695675	-	T	114	chr1:243695590-243695716
## 4080	chr1 243695676	+	C	79	chr1:243695590-243695716
## 4081	chr1 243695676	-	C	116	chr1:243695590-243695716
## 4082	chr1 243695677	+	A	75	chr1:243695590-243695716
## 4083	chr1 243695677	-	A	122	chr1:243695590-243695716
## 4084	chr1 243695678	+	A	70	chr1:243695590-243695716
## 4085	chr1 243695678	-	A	120	chr1:243695590-243695716
## 4086	chr1 243695678	-	T	1	chr1:243695590-243695716
## 4087	chr1 243695679	+	A	67	chr1:243695590-243695716
## 4088	chr1 243695679	-	A	120	chr1:243695590-243695716
## 4089	chr1 243695680	+	A	65	chr1:243695590-243695716
## 4090	chr1 243695680	-	A	120	chr1:243695590-243695716
## 4091	chr1 243695681	+	G	65	chr1:243695590-243695716
## 4092	chr1 243695681	-	G	124	chr1:243695590-243695716
## 4093	chr1 243695682	+	G	67	chr1:243695590-243695716
## 4094	chr1 243695682	-	G	125	chr1:243695590-243695716
## 4095	chr1 243695683	+	A	64	chr1:243695590-243695716
## 4096	chr1 243695683	-	A	125	chr1:243695590-243695716
## 4097	chr1 243695684	+	A	66	chr1:243695590-243695716
## 4098	chr1 243695684	-	A	125	chr1:243695590-243695716
## 4099	chr1 243695685	+	G	64	chr1:243695590-243695716
## 4100	chr1 243695685	-	G	126	chr1:243695590-243695716

## 4101	chr1	243695686	+	T	60	chr1:243695590-243695716
## 4102	chr1	243695686	-	T	126	chr1:243695590-243695716
## 4103	chr1	243695687	+	A	60	chr1:243695590-243695716
## 4104	chr1	243695687	-	A	128	chr1:243695590-243695716
## 4105	chr1	243695688	+	T	61	chr1:243695590-243695716
## 4106	chr1	243695688	-	T	128	chr1:243695590-243695716
## 4107	chr1	243695689	+	C	64	chr1:243695590-243695716
## 4108	chr1	243695689	-	C	128	chr1:243695590-243695716
## 4109	chr1	243695690	+	T	64	chr1:243695590-243695716
## 4110	chr1	243695690	-	T	131	chr1:243695590-243695716
## 4111	chr1	243695691	+	T	63	chr1:243695590-243695716
## 4112	chr1	243695691	-	T	133	chr1:243695590-243695716
## 4113	chr1	243695692	+	G	63	chr1:243695590-243695716
## 4114	chr1	243695692	-	G	136	chr1:243695590-243695716
## 4115	chr1	243695692	-	T	1	chr1:243695590-243695716
## 4116	chr1	243695693	+	G	63	chr1:243695590-243695716
## 4117	chr1	243695693	-	G	135	chr1:243695590-243695716
## 4118	chr1	243695694	+	C	63	chr1:243695590-243695716
## 4119	chr1	243695694	-	C	137	chr1:243695590-243695716
## 4120	chr1	243695695	+	C	61	chr1:243695590-243695716
## 4121	chr1	243695695	-	C	139	chr1:243695590-243695716
## 4122	chr1	243695696	+	T	60	chr1:243695590-243695716
## 4123	chr1	243695696	-	T	140	chr1:243695590-243695716
## 4124	chr1	243695697	+	C	59	chr1:243695590-243695716
## 4125	chr1	243695697	-	C	137	chr1:243695590-243695716
## 4126	chr1	243695698	+	C	60	chr1:243695590-243695716
## 4127	chr1	243695698	-	C	136	chr1:243695590-243695716
## 4128	chr1	243695698	-	T	1	chr1:243695590-243695716
## 4129	chr1	243695699	+	A	58	chr1:243695590-243695716
## 4130	chr1	243695699	-	A	136	chr1:243695590-243695716
## 4131	chr1	243695700	+	G	58	chr1:243695590-243695716
## 4132	chr1	243695700	-	G	135	chr1:243695590-243695716
## 4133	chr1	243695701	+	T	58	chr1:243695590-243695716
## 4134	chr1	243695701	-	T	132	chr1:243695590-243695716
## 4135	chr1	243695702	+	T	57	chr1:243695590-243695716
## 4136	chr1	243695702	-	T	125	chr1:243695590-243695716
## 4137	chr1	243695703	+	T	57	chr1:243695590-243695716
## 4138	chr1	243695703	-	T	117	chr1:243695590-243695716
## 4139	chr1	243695704	+	T	57	chr1:243695590-243695716
## 4140	chr1	243695704	-	T	117	chr1:243695590-243695716
## 4141	chr1	243695705	-	C	1	chr1:243695590-243695716
## 4142	chr1	243695705	+	T	56	chr1:243695590-243695716
## 4143	chr1	243695705	-	T	120	chr1:243695590-243695716
## 4144	chr1	243695706	+	T	54	chr1:243695590-243695716
## 4145	chr1	243695706	-	T	120	chr1:243695590-243695716
## 4146	chr1	243695707	+	A	53	chr1:243695590-243695716
## 4147	chr1	243695707	-	A	119	chr1:243695590-243695716
## 4148	chr1	243695708	+	T	53	chr1:243695590-243695716
## 4149	chr1	243695708	-	T	119	chr1:243695590-243695716
## 4150	chr1	243695709	+	A	53	chr1:243695590-243695716
## 4151	chr1	243695709	-	A	120	chr1:243695590-243695716
## 4152	chr1	243695710	+	T	52	chr1:243695590-243695716
## 4153	chr1	243695710	-	T	120	chr1:243695590-243695716
## 4154	chr1	243695711	+	A	52	chr1:243695590-243695716

## 4155	chr1 243695711	-	A	120	chr1:243695590-243695716
## 4156	chr1 243695712	+	T	53	chr1:243695590-243695716
## 4157	chr1 243695712	-	T	122	chr1:243695590-243695716
## 4158	chr1 243695713	+	T	53	chr1:243695590-243695716
## 4159	chr1 243695713	-	T	126	chr1:243695590-243695716
## 4160	chr1 243695714	+	C	52	chr1:243695590-243695716
## 4161	chr1 243695714	-	C	132	chr1:243695590-243695716
## 4162	chr1 243695715	+	T	52	chr1:243695590-243695716
## 4163	chr1 243695715	-	T	130	chr1:243695590-243695716
## 4164	chr1 243695716	+	C	49	chr1:243695590-243695716
## 4165	chr1 243695716	-	C	130	chr1:243695590-243695716
## 4166	chr1 243843124	+	C	156	chr1:243843124-243843282
## 4167	chr1 243843124	-	C	116	chr1:243843124-243843282
## 4168	chr1 243843125	+	C	150	chr1:243843124-243843282
## 4169	chr1 243843125	-	C	114	chr1:243843124-243843282
## 4170	chr1 243843126	+	C	151	chr1:243843124-243843282
## 4171	chr1 243843126	-	C	112	chr1:243843124-243843282
## 4172	chr1 243843127	+	C	150	chr1:243843124-243843282
## 4173	chr1 243843127	-	C	112	chr1:243843124-243843282
## 4174	chr1 243843128	+	T	149	chr1:243843124-243843282
## 4175	chr1 243843128	-	T	107	chr1:243843124-243843282
## 4176	chr1 243843129	+	C	143	chr1:243843124-243843282
## 4177	chr1 243843129	-	C	107	chr1:243843124-243843282
## 4178	chr1 243843130	+	T	140	chr1:243843124-243843282
## 4179	chr1 243843130	-	T	106	chr1:243843124-243843282
## 4180	chr1 243843131	+	T	133	chr1:243843124-243843282
## 4181	chr1 243843131	-	T	100	chr1:243843124-243843282
## 4182	chr1 243843132	+	C	128	chr1:243843124-243843282
## 4183	chr1 243843132	-	C	103	chr1:243843124-243843282
## 4184	chr1 243843133	+	T	124	chr1:243843124-243843282
## 4185	chr1 243843133	-	T	105	chr1:243843124-243843282
## 4186	chr1 243843134	+	G	124	chr1:243843124-243843282
## 4187	chr1 243843134	-	G	105	chr1:243843124-243843282
## 4188	chr1 243843135	+	A	125	chr1:243843124-243843282
## 4189	chr1 243843135	-	A	110	chr1:243843124-243843282
## 4190	chr1 243843136	+	A	118	chr1:243843124-243843282
## 4191	chr1 243843136	-	A	113	chr1:243843124-243843282
## 4192	chr1 243843137	+	C	117	chr1:243843124-243843282
## 4193	chr1 243843137	-	C	110	chr1:243843124-243843282
## 4194	chr1 243843138	+	C	116	chr1:243843124-243843282
## 4195	chr1 243843138	-	C	110	chr1:243843124-243843282
## 4196	chr1 243843139	+	A	2	chr1:243843124-243843282
## 4197	chr1 243843139	+	C	114	chr1:243843124-243843282
## 4198	chr1 243843139	-	C	111	chr1:243843124-243843282
## 4199	chr1 243843140	+	A	114	chr1:243843124-243843282
## 4200	chr1 243843140	-	A	111	chr1:243843124-243843282
## 4201	chr1 243843141	+	A	112	chr1:243843124-243843282
## 4202	chr1 243843141	-	A	115	chr1:243843124-243843282
## 4203	chr1 243843142	+	C	113	chr1:243843124-243843282
## 4204	chr1 243843142	-	C	116	chr1:243843124-243843282
## 4205	chr1 243843143	+	C	111	chr1:243843124-243843282
## 4206	chr1 243843143	-	C	109	chr1:243843124-243843282
## 4207	chr1 243843143	+	T	1	chr1:243843124-243843282
## 4208	chr1 243843144	+	T	109	chr1:243843124-243843282

## 4209	chr1 243843144	-	T	109	chr1:243843124-243843282
## 4210	chr1 243843145	+	T	105	chr1:243843124-243843282
## 4211	chr1 243843145	-	T	110	chr1:243843124-243843282
## 4212	chr1 243843146	+	C	104	chr1:243843124-243843282
## 4213	chr1 243843146	-	C	110	chr1:243843124-243843282
## 4214	chr1 243843147	+	T	109	chr1:243843124-243843282
## 4215	chr1 243843147	-	T	112	chr1:243843124-243843282
## 4216	chr1 243843148	+	T	106	chr1:243843124-243843282
## 4217	chr1 243843148	-	T	112	chr1:243843124-243843282
## 4218	chr1 243843149	+	T	106	chr1:243843124-243843282
## 4219	chr1 243843149	-	T	110	chr1:243843124-243843282
## 4220	chr1 243843150	+	C	98	chr1:243843124-243843282
## 4221	chr1 243843150	-	C	111	chr1:243843124-243843282
## 4222	chr1 243843151	+	A	98	chr1:243843124-243843282
## 4223	chr1 243843151	-	A	111	chr1:243843124-243843282
## 4224	chr1 243843152	-	A	1	chr1:243843124-243843282
## 4225	chr1 243843152	+	C	97	chr1:243843124-243843282
## 4226	chr1 243843152	-	C	116	chr1:243843124-243843282
## 4227	chr1 243843153	+	A	92	chr1:243843124-243843282
## 4228	chr1 243843153	-	A	125	chr1:243843124-243843282
## 4229	chr1 243843154	+	A	90	chr1:243843124-243843282
## 4230	chr1 243843154	-	A	132	chr1:243843124-243843282
## 4231	chr1 243843155	+	T	88	chr1:243843124-243843282
## 4232	chr1 243843155	-	T	133	chr1:243843124-243843282
## 4233	chr1 243843156	-	A	2	chr1:243843124-243843282
## 4234	chr1 243843156	+	G	88	chr1:243843124-243843282
## 4235	chr1 243843156	-	G	123	chr1:243843124-243843282
## 4236	chr1 243843157	+	G	87	chr1:243843124-243843282
## 4237	chr1 243843157	-	G	127	chr1:243843124-243843282
## 4238	chr1 243843158	+	T	91	chr1:243843124-243843282
## 4239	chr1 243843158	-	T	125	chr1:243843124-243843282
## 4240	chr1 243843159	+	A	89	chr1:243843124-243843282
## 4241	chr1 243843159	-	A	122	chr1:243843124-243843282
## 4242	chr1 243843160	+	A	88	chr1:243843124-243843282
## 4243	chr1 243843160	-	A	128	chr1:243843124-243843282
## 4244	chr1 243843161	+	C	90	chr1:243843124-243843282
## 4245	chr1 243843161	-	C	127	chr1:243843124-243843282
## 4246	chr1 243843162	+	A	84	chr1:243843124-243843282
## 4247	chr1 243843162	-	A	128	chr1:243843124-243843282
## 4248	chr1 243843162	+	T	1	chr1:243843124-243843282
## 4249	chr1 243843163	+	T	80	chr1:243843124-243843282
## 4250	chr1 243843163	-	T	126	chr1:243843124-243843282
## 4251	chr1 243843164	+	C	80	chr1:243843124-243843282
## 4252	chr1 243843164	-	C	130	chr1:243843124-243843282
## 4253	chr1 243843165	+	G	83	chr1:243843124-243843282
## 4254	chr1 243843165	-	G	127	chr1:243843124-243843282
## 4255	chr1 243843166	+	C	82	chr1:243843124-243843282
## 4256	chr1 243843166	-	C	119	chr1:243843124-243843282
## 4257	chr1 243843167	+	T	84	chr1:243843124-243843282
## 4258	chr1 243843167	-	T	113	chr1:243843124-243843282
## 4259	chr1 243843168	+	C	83	chr1:243843124-243843282
## 4260	chr1 243843168	-	C	114	chr1:243843124-243843282
## 4261	chr1 243843169	+	A	88	chr1:243843124-243843282
## 4262	chr1 243843169	-	A	113	chr1:243843124-243843282

## 4263	chr1 243843170	+	T	83	chr1:243843124-243843282
## 4264	chr1 243843170	-	T	117	chr1:243843124-243843282
## 4265	chr1 243843171	+	G	83	chr1:243843124-243843282
## 4266	chr1 243843171	-	G	119	chr1:243843124-243843282
## 4267	chr1 243843172	+	A	79	chr1:243843124-243843282
## 4268	chr1 243843172	-	A	118	chr1:243843124-243843282
## 4269	chr1 243843173	+	T	79	chr1:243843124-243843282
## 4270	chr1 243843173	-	T	123	chr1:243843124-243843282
## 4271	chr1 243843174	+	G	80	chr1:243843124-243843282
## 4272	chr1 243843174	-	G	116	chr1:243843124-243843282
## 4273	chr1 243843175	+	A	81	chr1:243843124-243843282
## 4274	chr1 243843175	-	A	116	chr1:243843124-243843282
## 4275	chr1 243843176	+	C	81	chr1:243843124-243843282
## 4276	chr1 243843176	-	C	117	chr1:243843124-243843282
## 4277	chr1 243843177	+	T	80	chr1:243843124-243843282
## 4278	chr1 243843177	-	T	121	chr1:243843124-243843282
## 4279	chr1 243843178	+	C	80	chr1:243843124-243843282
## 4280	chr1 243843178	-	C	124	chr1:243843124-243843282
## 4281	chr1 243843179	+	C	79	chr1:243843124-243843282
## 4282	chr1 243843179	-	C	135	chr1:243843124-243843282
## 4283	chr1 243843180	+	C	78	chr1:243843124-243843282
## 4284	chr1 243843180	-	C	138	chr1:243843124-243843282
## 4285	chr1 243843181	+	C	77	chr1:243843124-243843282
## 4286	chr1 243843181	-	C	139	chr1:243843124-243843282
## 4287	chr1 243843182	+	T	76	chr1:243843124-243843282
## 4288	chr1 243843182	-	T	144	chr1:243843124-243843282
## 4289	chr1 243843183	+	C	75	chr1:243843124-243843282
## 4290	chr1 243843183	-	C	146	chr1:243843124-243843282
## 4291	chr1 243843183	+	T	1	chr1:243843124-243843282
## 4292	chr1 243843184	+	T	77	chr1:243843124-243843282
## 4293	chr1 243843184	-	T	147	chr1:243843124-243843282
## 4294	chr1 243843185	+	G	76	chr1:243843124-243843282
## 4295	chr1 243843185	-	G	152	chr1:243843124-243843282
## 4296	chr1 243843186	+	A	74	chr1:243843124-243843282
## 4297	chr1 243843186	-	A	152	chr1:243843124-243843282
## 4298	chr1 243843186	+	C	1	chr1:243843124-243843282
## 4299	chr1 243843186	-	T	1	chr1:243843124-243843282
## 4300	chr1 243843187	-	A	1	chr1:243843124-243843282
## 4301	chr1 243843187	+	G	74	chr1:243843124-243843282
## 4302	chr1 243843187	-	G	152	chr1:243843124-243843282
## 4303	chr1 243843188	+	C	74	chr1:243843124-243843282
## 4304	chr1 243843188	-	C	151	chr1:243843124-243843282
## 4305	chr1 243843188	-	T	1	chr1:243843124-243843282
## 4306	chr1 243843189	-	A	2	chr1:243843124-243843282
## 4307	chr1 243843189	+	C	75	chr1:243843124-243843282
## 4308	chr1 243843189	-	C	150	chr1:243843124-243843282
## 4309	chr1 243843190	+	A	1	chr1:243843124-243843282
## 4310	chr1 243843190	+	C	73	chr1:243843124-243843282
## 4311	chr1 243843190	-	C	152	chr1:243843124-243843282
## 4312	chr1 243843191	+	C	73	chr1:243843124-243843282
## 4313	chr1 243843191	-	C	152	chr1:243843124-243843282
## 4314	chr1 243843192	+	C	73	chr1:243843124-243843282
## 4315	chr1 243843192	-	C	153	chr1:243843124-243843282
## 4316	chr1 243843193	+	A	72	chr1:243843124-243843282

## 4317	chr1 243843193	-	A	153	chr1:243843124-243843282
## 4318	chr1 243843194	+	A	71	chr1:243843124-243843282
## 4319	chr1 243843194	-	A	153	chr1:243843124-243843282
## 4320	chr1 243843195	+	C	70	chr1:243843124-243843282
## 4321	chr1 243843195	-	C	153	chr1:243843124-243843282
## 4322	chr1 243843196	+	T	70	chr1:243843124-243843282
## 4323	chr1 243843196	-	T	154	chr1:243843124-243843282
## 4324	chr1 243843197	-	C	1	chr1:243843124-243843282
## 4325	chr1 243843197	+	T	69	chr1:243843124-243843282
## 4326	chr1 243843197	-	T	153	chr1:243843124-243843282
## 4327	chr1 243843198	+	G	69	chr1:243843124-243843282
## 4328	chr1 243843198	-	G	156	chr1:243843124-243843282
## 4329	chr1 243843199	+	G	69	chr1:243843124-243843282
## 4330	chr1 243843199	-	G	156	chr1:243843124-243843282
## 4331	chr1 243843200	+	A	70	chr1:243843124-243843282
## 4332	chr1 243843200	-	A	157	chr1:243843124-243843282
## 4333	chr1 243843201	+	C	1	chr1:243843124-243843282
## 4334	chr1 243843201	+	G	68	chr1:243843124-243843282
## 4335	chr1 243843201	-	G	157	chr1:243843124-243843282
## 4336	chr1 243843202	+	A	69	chr1:243843124-243843282
## 4337	chr1 243843202	-	A	159	chr1:243843124-243843282
## 4338	chr1 243843202	-	T	1	chr1:243843124-243843282
## 4339	chr1 243843203	+	A	68	chr1:243843124-243843282
## 4340	chr1 243843203	-	A	162	chr1:243843124-243843282
## 4341	chr1 243843203	+	T	1	chr1:243843124-243843282
## 4342	chr1 243843204	+	A	68	chr1:243843124-243843282
## 4343	chr1 243843204	-	A	163	chr1:243843124-243843282
## 4344	chr1 243843204	+	T	1	chr1:243843124-243843282
## 4345	chr1 243843205	-	A	1	chr1:243843124-243843282
## 4346	chr1 243843205	+	T	68	chr1:243843124-243843282
## 4347	chr1 243843205	-	T	161	chr1:243843124-243843282
## 4348	chr1 243843206	+	G	67	chr1:243843124-243843282
## 4349	chr1 243843206	-	G	164	chr1:243843124-243843282
## 4350	chr1 243843207	+	G	67	chr1:243843124-243843282
## 4351	chr1 243843207	-	G	161	chr1:243843124-243843282
## 4352	chr1 243843207	-	T	1	chr1:243843124-243843282
## 4353	chr1 243843208	+	T	68	chr1:243843124-243843282
## 4354	chr1 243843208	-	T	159	chr1:243843124-243843282
## 4355	chr1 243843209	+	A	68	chr1:243843124-243843282
## 4356	chr1 243843209	-	A	158	chr1:243843124-243843282
## 4357	chr1 243843209	+	T	1	chr1:243843124-243843282
## 4358	chr1 243843210	+	C	68	chr1:243843124-243843282
## 4359	chr1 243843210	-	C	153	chr1:243843124-243843282
## 4360	chr1 243843211	+	T	66	chr1:243843124-243843282
## 4361	chr1 243843211	-	T	153	chr1:243843124-243843282
## 4362	chr1 243843212	+	T	62	chr1:243843124-243843282
## 4363	chr1 243843212	-	T	152	chr1:243843124-243843282
## 4364	chr1 243843213	-	A	4	chr1:243843124-243843282
## 4365	chr1 243843213	+	T	62	chr1:243843124-243843282
## 4366	chr1 243843213	-	T	148	chr1:243843124-243843282
## 4367	chr1 243843214	+	G	61	chr1:243843124-243843282
## 4368	chr1 243843214	-	G	153	chr1:243843124-243843282
## 4369	chr1 243843215	+	T	61	chr1:243843124-243843282
## 4370	chr1 243843215	-	T	153	chr1:243843124-243843282

## 4371	chr1 243843216	+	G	60	chr1:243843124-243843282
## 4372	chr1 243843216	-	G	149	chr1:243843124-243843282
## 4373	chr1 243843217	+	A	59	chr1:243843124-243843282
## 4374	chr1 243843217	-	A	145	chr1:243843124-243843282
## 4375	chr1 243843218	+	T	59	chr1:243843124-243843282
## 4376	chr1 243843218	-	T	149	chr1:243843124-243843282
## 4377	chr1 243843219	+	A	57	chr1:243843124-243843282
## 4378	chr1 243843219	-	A	153	chr1:243843124-243843282
## 4379	chr1 243843220	+	T	57	chr1:243843124-243843282
## 4380	chr1 243843220	-	T	152	chr1:243843124-243843282
## 4381	chr1 243843221	+	C	57	chr1:243843124-243843282
## 4382	chr1 243843221	-	C	153	chr1:243843124-243843282
## 4383	chr1 243843222	+	A	51	chr1:243843124-243843282
## 4384	chr1 243843222	-	A	156	chr1:243843124-243843282
## 4385	chr1 243843223	+	G	51	chr1:243843124-243843282
## 4386	chr1 243843223	-	G	162	chr1:243843124-243843282
## 4387	chr1 243843224	+	C	51	chr1:243843124-243843282
## 4388	chr1 243843224	-	C	163	chr1:243843124-243843282
## 4389	chr1 243843225	+	T	51	chr1:243843124-243843282
## 4390	chr1 243843225	-	T	162	chr1:243843124-243843282
## 4391	chr1 243843226	+	T	51	chr1:243843124-243843282
## 4392	chr1 243843226	-	T	165	chr1:243843124-243843282
## 4393	chr1 243843227	+	T	51	chr1:243843124-243843282
## 4394	chr1 243843227	-	T	157	chr1:243843124-243843282
## 4395	chr1 243843228	+	A	49	chr1:243843124-243843282
## 4396	chr1 243843228	-	A	151	chr1:243843124-243843282
## 4397	chr1 243843228	+	G	1	chr1:243843124-243843282
## 4398	chr1 243843229	+	G	50	chr1:243843124-243843282
## 4399	chr1 243843229	-	G	144	chr1:243843124-243843282
## 4400	chr1 243843230	+	G	50	chr1:243843124-243843282
## 4401	chr1 243843230	-	G	144	chr1:243843124-243843282
## 4402	chr1 243843231	+	G	50	chr1:243843124-243843282
## 4403	chr1 243843231	-	G	147	chr1:243843124-243843282
## 4404	chr1 243843232	+	T	50	chr1:243843124-243843282
## 4405	chr1 243843232	-	T	146	chr1:243843124-243843282
## 4406	chr1 243843233	+	T	45	chr1:243843124-243843282
## 4407	chr1 243843233	-	T	146	chr1:243843124-243843282
## 4408	chr1 243843234	+	T	44	chr1:243843124-243843282
## 4409	chr1 243843234	-	T	149	chr1:243843124-243843282
## 4410	chr1 243843235	+	G	44	chr1:243843124-243843282
## 4411	chr1 243843235	-	G	142	chr1:243843124-243843282
## 4412	chr1 243843236	+	G	40	chr1:243843124-243843282
## 4413	chr1 243843236	-	G	139	chr1:243843124-243843282
## 4414	chr1 243843237	+	A	40	chr1:243843124-243843282
## 4415	chr1 243843237	-	A	137	chr1:243843124-243843282
## 4416	chr1 243843237	-	G	1	chr1:243843124-243843282
## 4417	chr1 243843238	+	T	40	chr1:243843124-243843282
## 4418	chr1 243843238	-	T	146	chr1:243843124-243843282
## 4419	chr1 243843239	+	T	40	chr1:243843124-243843282
## 4420	chr1 243843239	-	T	141	chr1:243843124-243843282
## 4421	chr1 243843240	+	C	35	chr1:243843124-243843282
## 4422	chr1 243843240	-	C	141	chr1:243843124-243843282
## 4423	chr1 243843241	+	T	35	chr1:243843124-243843282
## 4424	chr1 243843241	-	T	144	chr1:243843124-243843282

## 4425	chr1	243843242	+	C	30	chr1:243843124-243843282
## 4426	chr1	243843242	-	C	145	chr1:243843124-243843282
## 4427	chr1	243843243	+	T	28	chr1:243843124-243843282
## 4428	chr1	243843243	-	T	144	chr1:243843124-243843282
## 4429	chr1	243843244	+	G	21	chr1:243843124-243843282
## 4430	chr1	243843244	-	G	141	chr1:243843124-243843282
## 4431	chr1	243843245	+	C	20	chr1:243843124-243843282
## 4432	chr1	243843245	-	C	135	chr1:243843124-243843282
## 4433	chr1	243843246	+	T	19	chr1:243843124-243843282
## 4434	chr1	243843246	-	T	130	chr1:243843124-243843282
## 4435	chr1	243843247	+	G	17	chr1:243843124-243843282
## 4436	chr1	243843247	-	G	131	chr1:243843124-243843282
## 4437	chr1	243843248	+	C	17	chr1:243843124-243843282
## 4438	chr1	243843248	-	C	125	chr1:243843124-243843282
## 4439	chr1	243843249	+	T	16	chr1:243843124-243843282
## 4440	chr1	243843249	-	T	126	chr1:243843124-243843282
## 4441	chr1	243843250	+	G	12	chr1:243843124-243843282
## 4442	chr1	243843250	-	G	126	chr1:243843124-243843282
## 4443	chr1	243843251	+	C	11	chr1:243843124-243843282
## 4444	chr1	243843251	-	C	123	chr1:243843124-243843282
## 4445	chr1	243843252	+	T	11	chr1:243843124-243843282
## 4446	chr1	243843252	-	T	119	chr1:243843124-243843282
## 4447	chr1	243843253	+	G	11	chr1:243843124-243843282
## 4448	chr1	243843253	-	G	114	chr1:243843124-243843282
## 4449	chr1	243843254	+	C	11	chr1:243843124-243843282
## 4450	chr1	243843254	-	C	104	chr1:243843124-243843282
## 4451	chr1	243843255	+	C	11	chr1:243843124-243843282
## 4452	chr1	243843255	-	C	100	chr1:243843124-243843282
## 4453	chr1	243843255	-	T	1	chr1:243843124-243843282
## 4454	chr1	243843256	+	C	11	chr1:243843124-243843282
## 4455	chr1	243843256	-	C	100	chr1:243843124-243843282
## 4456	chr1	243843257	+	T	11	chr1:243843124-243843282
## 4457	chr1	243843257	-	T	95	chr1:243843124-243843282
## 4458	chr1	243843258	+	T	11	chr1:243843124-243843282
## 4459	chr1	243843258	-	T	93	chr1:243843124-243843282
## 4460	chr1	243843259	+	C	9	chr1:243843124-243843282
## 4461	chr1	243843259	-	C	95	chr1:243843124-243843282
## 4462	chr1	243843260	+	C	9	chr1:243843124-243843282
## 4463	chr1	243843260	-	C	90	chr1:243843124-243843282
## 4464	chr1	243843261	+	C	9	chr1:243843124-243843282
## 4465	chr1	243843261	-	C	93	chr1:243843124-243843282
## 4466	chr1	243843262	+	A	9	chr1:243843124-243843282
## 4467	chr1	243843262	-	A	93	chr1:243843124-243843282
## 4468	chr1	243843263	+	C	9	chr1:243843124-243843282
## 4469	chr1	243843263	-	C	94	chr1:243843124-243843282
## 4470	chr1	243843264	+	T	7	chr1:243843124-243843282
## 4471	chr1	243843264	-	T	94	chr1:243843124-243843282
## 4472	chr1	243843265	+	C	7	chr1:243843124-243843282
## 4473	chr1	243843265	-	C	94	chr1:243843124-243843282
## 4474	chr1	243843266	+	T	7	chr1:243843124-243843282
## 4475	chr1	243843266	-	T	94	chr1:243843124-243843282
## 4476	chr1	243843267	+	C	6	chr1:243843124-243843282
## 4477	chr1	243843267	-	C	93	chr1:243843124-243843282
## 4478	chr1	243843268	+	T	6	chr1:243843124-243843282

## 4479	chr1	243843268	-	T	93	chr1:243843124-243843282
## 4480	chr1	243843269	+	A	6	chr1:243843124-243843282
## 4481	chr1	243843269	-	A	94	chr1:243843124-243843282
## 4482	chr1	243843270	+	G	6	chr1:243843124-243843282
## 4483	chr1	243843270	-	G	94	chr1:243843124-243843282
## 4484	chr1	243843271	+	T	6	chr1:243843124-243843282
## 4485	chr1	243843271	-	T	97	chr1:243843124-243843282
## 4486	chr1	243843272	+	G	6	chr1:243843124-243843282
## 4487	chr1	243843272	-	G	97	chr1:243843124-243843282
## 4488	chr1	243843273	+	A	6	chr1:243843124-243843282
## 4489	chr1	243843273	-	A	94	chr1:243843124-243843282
## 4490	chr1	243843274	+	T	5	chr1:243843124-243843282
## 4491	chr1	243843274	-	T	94	chr1:243843124-243843282
## 4492	chr1	243843275	+	G	3	chr1:243843124-243843282
## 4493	chr1	243843275	-	G	97	chr1:243843124-243843282
## 4494	chr1	243843276	+	A	3	chr1:243843124-243843282
## 4495	chr1	243843276	-	A	96	chr1:243843124-243843282
## 4496	chr1	243843277	+	C	3	chr1:243843124-243843282
## 4497	chr1	243843277	-	C	94	chr1:243843124-243843282
## 4498	chr1	243843278	+	T	3	chr1:243843124-243843282
## 4499	chr1	243843278	-	T	93	chr1:243843124-243843282
## 4500	chr1	243843279	+	C	2	chr1:243843124-243843282
## 4501	chr1	243843279	-	C	94	chr1:243843124-243843282
## 4502	chr1	243843280	+	A	2	chr1:243843124-243843282
## 4503	chr1	243843280	-	A	94	chr1:243843124-243843282
## 4504	chr1	243843281	+	G	2	chr1:243843124-243843282
## 4505	chr1	243843281	-	G	93	chr1:243843124-243843282
## 4506	chr1	243843282	+	C	2	chr1:243843124-243843282
## 4507	chr1	243843282	-	C	93	chr1:243843124-243843282

##

\$ALK

##	seqnames	pos	strand	nucleotide	count	which_label
## 1	chr2	29191161	+	G	1	chr2:29190991-29193922
## 2	chr2	29191162	+	T	1	chr2:29190991-29193922
## 3	chr2	29191163	+	G	1	chr2:29190991-29193922
## 4	chr2	29191164	+	G	1	chr2:29190991-29193922
## 5	chr2	29191165	+	A	1	chr2:29190991-29193922
## 6	chr2	29191166	+	A	1	chr2:29190991-29193922
## 7	chr2	29191167	+	A	1	chr2:29190991-29193922
## 8	chr2	29191168	+	G	1	chr2:29190991-29193922
## 9	chr2	29191169	+	A	1	chr2:29190991-29193922
## 10	chr2	29191170	+	A	1	chr2:29190991-29193922
## 11	chr2	29191171	+	G	1	chr2:29190991-29193922
## 12	chr2	29191172	+	T	1	chr2:29190991-29193922
## 13	chr2	29191173	+	A	1	chr2:29190991-29193922
## 14	chr2	29191174	+	A	1	chr2:29190991-29193922
## 15	chr2	29191175	+	T	1	chr2:29190991-29193922
## 16	chr2	29191176	+	A	1	chr2:29190991-29193922
## 17	chr2	29191177	+	T	1	chr2:29190991-29193922
## 18	chr2	29191178	+	T	1	chr2:29190991-29193922
## 19	chr2	29191179	+	T	1	chr2:29190991-29193922
## 20	chr2	29191180	+	T	1	chr2:29190991-29193922
## 21	chr2	29191181	+	C	1	chr2:29190991-29193922
## 22	chr2	29191182	+	C	1	chr2:29190991-29193922

## 23	chr2 29191183	+	C	1 chr2:29190991-29193922
## 24	chr2 29191184	+	C	1 chr2:29190991-29193922
## 25	chr2 29191185	+	A	1 chr2:29190991-29193922
## 26	chr2 29191186	+	T	1 chr2:29190991-29193922
## 27	chr2 29191187	+	G	1 chr2:29190991-29193922
## 28	chr2 29191188	+	A	1 chr2:29190991-29193922
## 29	chr2 29191189	+	A	1 chr2:29190991-29193922
## 30	chr2 29191190	+	T	1 chr2:29190991-29193922
## 31	chr2 29191191	+	A	1 chr2:29190991-29193922
## 32	chr2 29191192	+	A	1 chr2:29190991-29193922
## 33	chr2 29191193	+	C	1 chr2:29190991-29193922
## 34	chr2 29191194	+	A	1 chr2:29190991-29193922
## 35	chr2 29191195	+	A	1 chr2:29190991-29193922
## 36	chr2 29191196	+	T	1 chr2:29190991-29193922
## 37	chr2 29191197	+	A	1 chr2:29190991-29193922
## 38	chr2 29191198	+	A	1 chr2:29190991-29193922
## 39	chr2 29191199	+	A	1 chr2:29190991-29193922
## 40	chr2 29191200	+	G	1 chr2:29190991-29193922
## 41	chr2 29191201	+	A	1 chr2:29190991-29193922
## 42	chr2 29191202	+	G	1 chr2:29190991-29193922
## 43	chr2 29191203	+	A	1 chr2:29190991-29193922
## 44	chr2 29191204	+	T	1 chr2:29190991-29193922
## 45	chr2 29191205	+	G	1 chr2:29190991-29193922
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## 47	chr2 29191207	+	C	1 chr2:29190991-29193922
## 48	chr2 29191208	+	T	1 chr2:29190991-29193922
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## 50	chr2 29191209	+	A	1 chr2:29190991-29193922
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## 52	chr2 29191210	+	T	1 chr2:29190991-29193922
## 53	chr2 29191210	-	T	1 chr2:29190991-29193922
## 54	chr2 29191211	+	T	1 chr2:29190991-29193922
## 55	chr2 29191211	-	T	1 chr2:29190991-29193922
## 56	chr2 29191212	+	T	1 chr2:29190991-29193922
## 57	chr2 29191212	-	T	1 chr2:29190991-29193922
## 58	chr2 29191213	+	A	1 chr2:29190991-29193922
## 59	chr2 29191213	-	A	1 chr2:29190991-29193922
## 60	chr2 29191214	+	A	1 chr2:29190991-29193922
## 61	chr2 29191214	-	A	1 chr2:29190991-29193922
## 62	chr2 29191215	+	C	1 chr2:29190991-29193922
## 63	chr2 29191215	-	C	1 chr2:29190991-29193922
## 64	chr2 29191216	+	C	1 chr2:29190991-29193922
## 65	chr2 29191216	-	C	1 chr2:29190991-29193922
## 66	chr2 29191217	+	A	1 chr2:29190991-29193922
## 67	chr2 29191217	-	A	1 chr2:29190991-29193922
## 68	chr2 29191218	+	G	1 chr2:29190991-29193922
## 69	chr2 29191218	-	G	1 chr2:29190991-29193922
## 70	chr2 29191219	+	A	1 chr2:29190991-29193922
## 71	chr2 29191219	-	A	1 chr2:29190991-29193922
## 72	chr2 29191220	+	T	1 chr2:29190991-29193922
## 73	chr2 29191220	-	T	1 chr2:29190991-29193922
## 74	chr2 29191221	+	A	1 chr2:29190991-29193922
## 75	chr2 29191221	-	A	1 chr2:29190991-29193922
## 76	chr2 29191222	+	G	1 chr2:29190991-29193922

## 77	chr2 29191222	-	G	1 chr2:29190991-29193922
## 78	chr2 29191223	+	C	1 chr2:29190991-29193922
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## 80	chr2 29191224	+	T	1 chr2:29190991-29193922
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## 84	chr2 29191226	+	A	1 chr2:29190991-29193922
## 85	chr2 29191226	-	A	1 chr2:29190991-29193922
## 86	chr2 29191227	+	C	1 chr2:29190991-29193922
## 87	chr2 29191227	-	C	1 chr2:29190991-29193922
## 88	chr2 29191228	+	T	1 chr2:29190991-29193922
## 89	chr2 29191228	-	T	1 chr2:29190991-29193922
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## 91	chr2 29191229	-	C	1 chr2:29190991-29193922
## 92	chr2 29191230	+	C	1 chr2:29190991-29193922
## 93	chr2 29191230	-	C	1 chr2:29190991-29193922
## 94	chr2 29191231	+	C	1 chr2:29190991-29193922
## 95	chr2 29191231	-	C	1 chr2:29190991-29193922
## 96	chr2 29191232	+	A	1 chr2:29190991-29193922
## 97	chr2 29191232	-	A	1 chr2:29190991-29193922
## 98	chr2 29191233	+	G	1 chr2:29190991-29193922
## 99	chr2 29191233	-	G	1 chr2:29190991-29193922
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## 101	chr2 29191234	-	C	1 chr2:29190991-29193922
## 102	chr2 29191235	+	T	1 chr2:29190991-29193922
## 103	chr2 29191235	-	T	1 chr2:29190991-29193922
## 104	chr2 29191236	-	T	1 chr2:29190991-29193922
## 105	chr2 29191237	-	A	1 chr2:29190991-29193922
## 106	chr2 29191238	-	A	1 chr2:29190991-29193922
## 107	chr2 29191239	-	T	1 chr2:29190991-29193922
## 108	chr2 29191240	-	T	1 chr2:29190991-29193922
## 109	chr2 29191241	-	G	1 chr2:29190991-29193922
## 110	chr2 29191242	-	G	1 chr2:29190991-29193922
## 111	chr2 29191243	-	T	1 chr2:29190991-29193922
## 112	chr2 29191244	-	T	1 chr2:29190991-29193922
## 113	chr2 29191245	-	A	1 chr2:29190991-29193922
## 114	chr2 29191246	-	C	1 chr2:29190991-29193922
## 115	chr2 29191247	-	T	1 chr2:29190991-29193922
## 116	chr2 29191248	-	G	1 chr2:29190991-29193922
## 117	chr2 29191249	-	A	1 chr2:29190991-29193922
## 118	chr2 29191250	-	T	1 chr2:29190991-29193922
## 119	chr2 29191251	-	G	1 chr2:29190991-29193922
## 120	chr2 29191252	-	T	1 chr2:29190991-29193922
## 121	chr2 29191253	-	T	1 chr2:29190991-29193922
## 122	chr2 29191254	-	A	1 chr2:29190991-29193922
## 123	chr2 29191255	-	C	1 chr2:29190991-29193922
## 124	chr2 29191256	-	A	1 chr2:29190991-29193922
## 125	chr2 29191257	-	A	1 chr2:29190991-29193922
## 126	chr2 29191258	-	A	1 chr2:29190991-29193922
## 127	chr2 29191259	-	T	1 chr2:29190991-29193922
## 128	chr2 29191260	-	C	1 chr2:29190991-29193922
## 129	chr2 29191261	-	T	1 chr2:29190991-29193922
## 130	chr2 29191262	-	A	1 chr2:29190991-29193922

## 131	chr2 29191263	-	A	1 chr2:29190991-29193922
## 132	chr2 29191264	-	A	1 chr2:29190991-29193922
## 133	chr2 29191265	-	A	1 chr2:29190991-29193922
## 134	chr2 29191266	-	T	1 chr2:29190991-29193922
## 135	chr2 29191267	-	G	1 chr2:29190991-29193922
## 136	chr2 29191268	-	G	1 chr2:29190991-29193922
## 137	chr2 29191269	-	A	1 chr2:29190991-29193922
## 138	chr2 29191270	-	G	1 chr2:29190991-29193922
## 139	chr2 29191271	-	G	1 chr2:29190991-29193922
## 140	chr2 29191272	-	T	1 chr2:29190991-29193922
## 141	chr2 29191273	-	G	1 chr2:29190991-29193922
## 142	chr2 29191274	-	T	1 chr2:29190991-29193922
## 143	chr2 29191275	-	T	1 chr2:29190991-29193922
## 144	chr2 29191276	-	T	1 chr2:29190991-29193922
## 145	chr2 29191277	-	T	1 chr2:29190991-29193922
## 146	chr2 29191278	-	T	1 chr2:29190991-29193922
## 147	chr2 29191279	-	C	1 chr2:29190991-29193922
## 148	chr2 29191280	-	T	1 chr2:29190991-29193922
## 149	chr2 29191281	-	C	1 chr2:29190991-29193922
## 150	chr2 29191282	-	A	1 chr2:29190991-29193922
## 151	chr2 29192683	+	C	1 chr2:29190991-29193922
## 152	chr2 29192684	+	A	1 chr2:29190991-29193922
## 153	chr2 29192685	+	C	1 chr2:29190991-29193922
## 154	chr2 29192686	+	A	1 chr2:29190991-29193922
## 155	chr2 29192687	+	A	1 chr2:29190991-29193922
## 156	chr2 29192688	+	T	1 chr2:29190991-29193922
## 157	chr2 29192689	+	T	1 chr2:29190991-29193922
## 158	chr2 29192690	+	A	1 chr2:29190991-29193922
## 159	chr2 29192691	+	A	1 chr2:29190991-29193922
## 160	chr2 29192691	-	A	1 chr2:29190991-29193922
## 161	chr2 29192692	+	A	1 chr2:29190991-29193922
## 162	chr2 29192692	-	A	1 chr2:29190991-29193922
## 163	chr2 29192693	+	A	1 chr2:29190991-29193922
## 164	chr2 29192693	-	A	1 chr2:29190991-29193922
## 165	chr2 29192694	+	G	1 chr2:29190991-29193922
## 166	chr2 29192694	-	G	1 chr2:29190991-29193922
## 167	chr2 29192695	+	C	1 chr2:29190991-29193922
## 168	chr2 29192695	-	C	1 chr2:29190991-29193922
## 169	chr2 29192696	+	A	1 chr2:29190991-29193922
## 170	chr2 29192696	-	A	1 chr2:29190991-29193922
## 171	chr2 29192697	+	T	1 chr2:29190991-29193922
## 172	chr2 29192697	-	T	1 chr2:29190991-29193922
## 173	chr2 29192698	+	C	1 chr2:29190991-29193922
## 174	chr2 29192698	-	C	1 chr2:29190991-29193922
## 175	chr2 29192699	+	T	1 chr2:29190991-29193922
## 176	chr2 29192699	-	T	1 chr2:29190991-29193922
## 177	chr2 29192700	+	A	1 chr2:29190991-29193922
## 178	chr2 29192700	-	A	1 chr2:29190991-29193922
## 179	chr2 29192701	+	A	1 chr2:29190991-29193922
## 180	chr2 29192701	-	A	1 chr2:29190991-29193922
## 181	chr2 29192702	+	C	1 chr2:29190991-29193922
## 182	chr2 29192702	-	C	1 chr2:29190991-29193922
## 183	chr2 29192703	+	C	1 chr2:29190991-29193922
## 184	chr2 29192703	-	C	1 chr2:29190991-29193922

## 185	chr2 29192704	+	G	1 chr2:29190991-29193922
## 186	chr2 29192704	-	G	1 chr2:29190991-29193922
## 187	chr2 29192705	+	T	1 chr2:29190991-29193922
## 188	chr2 29192705	-	T	1 chr2:29190991-29193922
## 189	chr2 29192706	+	C	1 chr2:29190991-29193922
## 190	chr2 29192706	-	C	1 chr2:29190991-29193922
## 191	chr2 29192707	+	A	1 chr2:29190991-29193922
## 192	chr2 29192707	-	A	1 chr2:29190991-29193922
## 193	chr2 29192708	+	C	1 chr2:29190991-29193922
## 194	chr2 29192708	-	C	1 chr2:29190991-29193922
## 195	chr2 29192709	+	C	1 chr2:29190991-29193922
## 196	chr2 29192709	-	C	1 chr2:29190991-29193922
## 197	chr2 29192710	+	T	1 chr2:29190991-29193922
## 198	chr2 29192710	-	T	1 chr2:29190991-29193922
## 199	chr2 29192711	+	A	1 chr2:29190991-29193922
## 200	chr2 29192711	-	A	1 chr2:29190991-29193922
## 201	chr2 29192712	+	A	1 chr2:29190991-29193922
## 202	chr2 29192712	-	A	1 chr2:29190991-29193922
## 203	chr2 29192713	+	A	1 chr2:29190991-29193922
## 204	chr2 29192713	-	A	1 chr2:29190991-29193922
## 205	chr2 29192714	+	G	1 chr2:29190991-29193922
## 206	chr2 29192714	-	G	1 chr2:29190991-29193922
## 207	chr2 29192715	+	T	1 chr2:29190991-29193922
## 208	chr2 29192715	-	T	1 chr2:29190991-29193922
## 209	chr2 29192716	+	G	1 chr2:29190991-29193922
## 210	chr2 29192716	-	G	1 chr2:29190991-29193922
## 211	chr2 29192717	+	A	1 chr2:29190991-29193922
## 212	chr2 29192717	-	A	1 chr2:29190991-29193922
## 213	chr2 29192718	+	C	1 chr2:29190991-29193922
## 214	chr2 29192718	-	C	1 chr2:29190991-29193922
## 215	chr2 29192719	+	A	1 chr2:29190991-29193922
## 216	chr2 29192719	-	A	1 chr2:29190991-29193922
## 217	chr2 29192720	+	T	1 chr2:29190991-29193922
## 218	chr2 29192720	-	T	1 chr2:29190991-29193922
## 219	chr2 29192721	+	T	1 chr2:29190991-29193922
## 220	chr2 29192721	-	T	1 chr2:29190991-29193922
## 221	chr2 29192722	+	T	1 chr2:29190991-29193922
## 222	chr2 29192722	-	T	1 chr2:29190991-29193922
## 223	chr2 29192723	+	C	1 chr2:29190991-29193922
## 224	chr2 29192723	-	C	1 chr2:29190991-29193922
## 225	chr2 29192724	+	A	1 chr2:29190991-29193922
## 226	chr2 29192724	-	A	1 chr2:29190991-29193922
## 227	chr2 29192725	+	G	1 chr2:29190991-29193922
## 228	chr2 29192725	-	G	1 chr2:29190991-29193922
## 229	chr2 29192726	+	T	1 chr2:29190991-29193922
## 230	chr2 29192726	-	T	1 chr2:29190991-29193922
## 231	chr2 29192727	+	T	1 chr2:29190991-29193922
## 232	chr2 29192727	-	T	1 chr2:29190991-29193922
## 233	chr2 29192728	+	G	1 chr2:29190991-29193922
## 234	chr2 29192728	-	G	1 chr2:29190991-29193922
## 235	chr2 29192729	+	T	1 chr2:29190991-29193922
## 236	chr2 29192729	-	T	1 chr2:29190991-29193922
## 237	chr2 29192730	+	C	1 chr2:29190991-29193922
## 238	chr2 29192730	-	C	1 chr2:29190991-29193922

## 239	chr2 29192731	+	T	1	chr2:29190991-29193922
## 240	chr2 29192731	-	T	1	chr2:29190991-29193922
## 241	chr2 29192732	+	A	1	chr2:29190991-29193922
## 242	chr2 29192732	-	A	1	chr2:29190991-29193922
## 243	chr2 29192733	+	T	1	chr2:29190991-29193922
## 244	chr2 29192733	-	T	1	chr2:29190991-29193922
## 245	chr2 29192734	+	G	1	chr2:29190991-29193922
## 246	chr2 29192734	-	G	1	chr2:29190991-29193922
## 247	chr2 29192735	+	A	1	chr2:29190991-29193922
## 248	chr2 29192735	-	A	1	chr2:29190991-29193922
## 249	chr2 29192736	+	T	1	chr2:29190991-29193922
## 250	chr2 29192736	-	T	1	chr2:29190991-29193922
## 251	chr2 29192737	+	T	1	chr2:29190991-29193922
## 252	chr2 29192737	-	T	1	chr2:29190991-29193922
## 253	chr2 29192738	+	T	1	chr2:29190991-29193922
## 254	chr2 29192738	-	T	1	chr2:29190991-29193922
## 255	chr2 29192739	+	T	1	chr2:29190991-29193922
## 256	chr2 29192739	-	T	1	chr2:29190991-29193922
## 257	chr2 29192740	+	T	1	chr2:29190991-29193922
## 258	chr2 29192740	-	T	1	chr2:29190991-29193922
## 259	chr2 29192741	+	T	1	chr2:29190991-29193922
## 260	chr2 29192741	-	T	1	chr2:29190991-29193922
## 261	chr2 29192742	+	C	1	chr2:29190991-29193922
## 262	chr2 29192742	-	C	1	chr2:29190991-29193922
## 263	chr2 29192743	+	T	1	chr2:29190991-29193922
## 264	chr2 29192743	-	T	1	chr2:29190991-29193922
## 265	chr2 29192744	+	T	1	chr2:29190991-29193922
## 266	chr2 29192744	-	T	1	chr2:29190991-29193922
## 267	chr2 29192745	+	T	1	chr2:29190991-29193922
## 268	chr2 29192745	-	T	1	chr2:29190991-29193922
## 269	chr2 29192746	+	T	1	chr2:29190991-29193922
## 270	chr2 29192746	-	T	1	chr2:29190991-29193922
## 271	chr2 29192747	+	T	1	chr2:29190991-29193922
## 272	chr2 29192747	-	T	1	chr2:29190991-29193922
## 273	chr2 29192748	+	C	1	chr2:29190991-29193922
## 274	chr2 29192748	-	C	1	chr2:29190991-29193922
## 275	chr2 29192749	+	A	1	chr2:29190991-29193922
## 276	chr2 29192749	-	A	1	chr2:29190991-29193922
## 277	chr2 29192750	+	A	1	chr2:29190991-29193922
## 278	chr2 29192750	-	A	1	chr2:29190991-29193922
## 279	chr2 29192751	+	G	1	chr2:29190991-29193922
## 280	chr2 29192751	-	G	1	chr2:29190991-29193922
## 281	chr2 29192752	+	T	2	chr2:29190991-29193922
## 282	chr2 29192752	-	T	1	chr2:29190991-29193922
## 283	chr2 29192753	+	A	2	chr2:29190991-29193922
## 284	chr2 29192753	-	A	1	chr2:29190991-29193922
## 285	chr2 29192754	+	A	2	chr2:29190991-29193922
## 286	chr2 29192754	-	A	1	chr2:29190991-29193922
## 287	chr2 29192755	+	A	2	chr2:29190991-29193922
## 288	chr2 29192755	-	A	1	chr2:29190991-29193922
## 289	chr2 29192756	+	G	2	chr2:29190991-29193922
## 290	chr2 29192756	-	G	1	chr2:29190991-29193922
## 291	chr2 29192757	+	A	2	chr2:29190991-29193922
## 292	chr2 29192757	-	A	1	chr2:29190991-29193922

## 293	chr2 29192758	+	A	1 chr2:29190991-29193922
## 294	chr2 29192758	-	A	1 chr2:29190991-29193922
## 295	chr2 29192759	+	T	1 chr2:29190991-29193922
## 296	chr2 29192759	-	T	1 chr2:29190991-29193922
## 297	chr2 29192760	+	G	1 chr2:29190991-29193922
## 298	chr2 29192760	-	G	1 chr2:29190991-29193922
## 299	chr2 29192761	+	T	1 chr2:29190991-29193922
## 300	chr2 29192761	-	T	1 chr2:29190991-29193922
## 301	chr2 29192762	+	C	1 chr2:29190991-29193922
## 302	chr2 29192762	-	C	1 chr2:29190991-29193922
## 303	chr2 29192763	+	T	1 chr2:29190991-29193922
## 304	chr2 29192763	-	T	1 chr2:29190991-29193922
## 305	chr2 29192764	+	T	1 chr2:29190991-29193922
## 306	chr2 29192764	-	T	1 chr2:29190991-29193922
## 307	chr2 29192765	+	T	1 chr2:29190991-29193922
## 308	chr2 29192765	-	T	1 chr2:29190991-29193922
## 309	chr2 29192766	+	C	1 chr2:29190991-29193922
## 310	chr2 29192767	+	C	1 chr2:29190991-29193922
## 311	chr2 29192768	+	C	1 chr2:29190991-29193922
## 312	chr2 29192769	+	C	1 chr2:29190991-29193922
## 313	chr2 29192770	+	A	1 chr2:29190991-29193922
## 314	chr2 29192771	+	T	1 chr2:29190991-29193922
## 315	chr2 29192772	+	G	1 chr2:29190991-29193922
## 316	chr2 29192773	+	C	1 chr2:29190991-29193922
## 317	chr2 29192774	+	T	1 chr2:29190991-29193922
## 318	chr2 29192775	+	T	1 chr2:29190991-29193922
## 319	chr2 29192776	+	A	1 chr2:29190991-29193922
## 320	chr2 29192777	+	G	1 chr2:29190991-29193922
## 321	chr2 29192778	+	T	1 chr2:29190991-29193922
## 322	chr2 29192779	+	C	1 chr2:29190991-29193922
## 323	chr2 29192780	+	A	1 chr2:29190991-29193922
## 324	chr2 29192781	+	T	1 chr2:29190991-29193922
## 325	chr2 29192782	+	T	1 chr2:29190991-29193922
## 326	chr2 29192783	+	A	1 chr2:29190991-29193922
## 327	chr2 29192784	+	C	1 chr2:29190991-29193922
## 328	chr2 29192785	+	A	1 chr2:29190991-29193922
## 329	chr2 29192786	+	A	1 chr2:29190991-29193922
## 330	chr2 29192787	+	A	1 chr2:29190991-29193922
## 331	chr2 29192788	+	T	1 chr2:29190991-29193922
## 332	chr2 29192789	+	A	1 chr2:29190991-29193922
## 333	chr2 29192790	+	A	1 chr2:29190991-29193922
## 334	chr2 29192791	+	C	1 chr2:29190991-29193922
## 335	chr2 29192792	+	T	1 chr2:29190991-29193922
## 336	chr2 29192793	+	C	1 chr2:29190991-29193922
## 337	chr2 29192794	+	C	5 chr2:29190991-29193922
## 338	chr2 29192795	+	T	5 chr2:29190991-29193922
## 339	chr2 29192796	+	T	5 chr2:29190991-29193922
## 340	chr2 29192797	+	T	5 chr2:29190991-29193922
## 341	chr2 29192798	+	A	5 chr2:29190991-29193922
## 342	chr2 29192799	+	T	5 chr2:29190991-29193922
## 343	chr2 29192800	+	T	5 chr2:29190991-29193922
## 344	chr2 29192801	+	T	5 chr2:29190991-29193922
## 345	chr2 29192802	+	C	5 chr2:29190991-29193922
## 346	chr2 29192803	+	C	4 chr2:29190991-29193922

## 347	chr2 29192803	+	T	1 chr2:29190991-29193922
## 348	chr2 29192804	+	G	5 chr2:29190991-29193922
## 349	chr2 29192805	+	T	5 chr2:29190991-29193922
## 350	chr2 29192806	+	T	5 chr2:29190991-29193922
## 351	chr2 29192807	+	C	5 chr2:29190991-29193922
## 352	chr2 29192808	+	C	5 chr2:29190991-29193922
## 353	chr2 29192809	+	C	5 chr2:29190991-29193922
## 354	chr2 29192810	+	T	5 chr2:29190991-29193922
## 355	chr2 29192811	+	C	5 chr2:29190991-29193922
## 356	chr2 29192812	+	T	5 chr2:29190991-29193922
## 357	chr2 29192813	+	C	5 chr2:29190991-29193922
## 358	chr2 29192814	+	C	5 chr2:29190991-29193922
## 359	chr2 29192815	+	C	5 chr2:29190991-29193922
## 360	chr2 29192816	+	C	5 chr2:29190991-29193922
## 361	chr2 29192817	+	T	5 chr2:29190991-29193922
## 362	chr2 29192818	+	C	5 chr2:29190991-29193922
## 363	chr2 29192819	+	A	5 chr2:29190991-29193922
## 364	chr2 29192820	+	A	5 chr2:29190991-29193922
## 365	chr2 29192821	+	A	5 chr2:29190991-29193922
## 366	chr2 29192822	+	T	5 chr2:29190991-29193922
## 367	chr2 29192823	+	G	5 chr2:29190991-29193922
## 368	chr2 29192824	+	G	5 chr2:29190991-29193922
## 369	chr2 29192825	+	C	5 chr2:29190991-29193922
## 370	chr2 29192826	+	T	5 chr2:29190991-29193922
## 371	chr2 29192827	+	C	4 chr2:29190991-29193922
## 372	chr2 29192828	+	A	4 chr2:29190991-29193922
## 373	chr2 29192829	+	T	4 chr2:29190991-29193922
## 374	chr2 29192830	+	G	4 chr2:29190991-29193922
## 375	chr2 29192831	+	T	4 chr2:29190991-29193922
## 376	chr2 29192832	+	C	4 chr2:29190991-29193922
## 377	chr2 29192833	+	C	4 chr2:29190991-29193922
## 378	chr2 29192834	+	A	4 chr2:29190991-29193922
## 379	chr2 29192835	+	C	4 chr2:29190991-29193922
## 380	chr2 29192836	+	A	4 chr2:29190991-29193922
## 381	chr2 29192837	+	T	4 chr2:29190991-29193922
## 382	chr2 29192838	+	C	4 chr2:29190991-29193922
## 383	chr2 29192839	+	A	4 chr2:29190991-29193922
## 384	chr2 29192839	-	A	4 chr2:29190991-29193922
## 385	chr2 29192840	+	A	4 chr2:29190991-29193922
## 386	chr2 29192840	-	A	4 chr2:29190991-29193922
## 387	chr2 29192841	+	C	4 chr2:29190991-29193922
## 388	chr2 29192841	-	C	4 chr2:29190991-29193922
## 389	chr2 29192842	+	A	4 chr2:29190991-29193922
## 390	chr2 29192842	-	A	4 chr2:29190991-29193922
## 391	chr2 29192843	+	A	4 chr2:29190991-29193922
## 392	chr2 29192843	-	A	4 chr2:29190991-29193922
## 393	chr2 29192844	+	G	4 chr2:29190991-29193922
## 394	chr2 29192844	-	G	4 chr2:29190991-29193922
## 395	chr2 29192845	+	G	4 chr2:29190991-29193922
## 396	chr2 29192845	-	G	4 chr2:29190991-29193922
## 397	chr2 29192846	+	C	4 chr2:29190991-29193922
## 398	chr2 29192846	-	C	4 chr2:29190991-29193922
## 399	chr2 29192847	+	A	4 chr2:29190991-29193922
## 400	chr2 29192847	-	A	4 chr2:29190991-29193922

## 401	chr2 29192848	+	A	4 chr2:29190991-29193922
## 402	chr2 29192848	-	A	4 chr2:29190991-29193922
## 403	chr2 29192849	+	G	4 chr2:29190991-29193922
## 404	chr2 29192849	-	G	4 chr2:29190991-29193922
## 405	chr2 29192850	+	G	4 chr2:29190991-29193922
## 406	chr2 29192850	-	G	4 chr2:29190991-29193922
## 407	chr2 29192851	+	A	4 chr2:29190991-29193922
## 408	chr2 29192851	-	A	4 chr2:29190991-29193922
## 409	chr2 29192852	+	A	4 chr2:29190991-29193922
## 410	chr2 29192852	-	A	4 chr2:29190991-29193922
## 411	chr2 29192853	+	A	4 chr2:29190991-29193922
## 412	chr2 29192853	-	A	4 chr2:29190991-29193922
## 413	chr2 29192854	+	C	4 chr2:29190991-29193922
## 414	chr2 29192854	-	C	4 chr2:29190991-29193922
## 415	chr2 29192855	+	A	4 chr2:29190991-29193922
## 416	chr2 29192855	-	A	4 chr2:29190991-29193922
## 417	chr2 29192856	+	T	4 chr2:29190991-29193922
## 418	chr2 29192856	-	T	4 chr2:29190991-29193922
## 419	chr2 29192857	+	C	4 chr2:29190991-29193922
## 420	chr2 29192857	-	C	4 chr2:29190991-29193922
## 421	chr2 29192858	+	T	4 chr2:29190991-29193922
## 422	chr2 29192858	-	T	4 chr2:29190991-29193922
## 423	chr2 29192859	+	A	4 chr2:29190991-29193922
## 424	chr2 29192859	-	A	4 chr2:29190991-29193922
## 425	chr2 29192860	+	T	4 chr2:29190991-29193922
## 426	chr2 29192860	-	T	4 chr2:29190991-29193922
## 427	chr2 29192861	+	G	4 chr2:29190991-29193922
## 428	chr2 29192861	-	G	4 chr2:29190991-29193922
## 429	chr2 29192862	+	A	4 chr2:29190991-29193922
## 430	chr2 29192862	-	A	4 chr2:29190991-29193922
## 431	chr2 29192863	+	C	4 chr2:29190991-29193922
## 432	chr2 29192863	-	C	5 chr2:29190991-29193922
## 433	chr2 29192864	+	C	4 chr2:29190991-29193922
## 434	chr2 29192864	-	C	5 chr2:29190991-29193922
## 435	chr2 29192865	+	C	4 chr2:29190991-29193922
## 436	chr2 29192865	-	C	5 chr2:29190991-29193922
## 437	chr2 29192866	+	C	4 chr2:29190991-29193922
## 438	chr2 29192866	-	C	5 chr2:29190991-29193922
## 439	chr2 29192867	+	A	4 chr2:29190991-29193922
## 440	chr2 29192867	-	A	5 chr2:29190991-29193922
## 441	chr2 29192868	+	A	4 chr2:29190991-29193922
## 442	chr2 29192868	-	A	5 chr2:29190991-29193922
## 443	chr2 29192869	-	C	5 chr2:29190991-29193922
## 444	chr2 29192870	-	T	5 chr2:29190991-29193922
## 445	chr2 29192871	-	A	5 chr2:29190991-29193922
## 446	chr2 29192872	-	T	5 chr2:29190991-29193922
## 447	chr2 29192873	-	G	5 chr2:29190991-29193922
## 448	chr2 29192874	-	A	5 chr2:29190991-29193922
## 449	chr2 29192875	-	A	5 chr2:29190991-29193922
## 450	chr2 29192876	-	A	5 chr2:29190991-29193922
## 451	chr2 29192877	-	C	5 chr2:29190991-29193922
## 452	chr2 29192878	-	A	5 chr2:29190991-29193922
## 453	chr2 29192879	-	T	5 chr2:29190991-29193922
## 454	chr2 29192880	-	A	5 chr2:29190991-29193922

## 455	chr2 29192881	-	G	5 chr2:29190991-29193922
## 456	chr2 29192882	-	A	5 chr2:29190991-29193922
## 457	chr2 29192883	-	A	5 chr2:29190991-29193922
## 458	chr2 29192884	-	G	5 chr2:29190991-29193922
## 459	chr2 29192885	-	C	5 chr2:29190991-29193922
## 460	chr2 29192886	+	A	1 chr2:29190991-29193922
## 461	chr2 29192886	-	A	5 chr2:29190991-29193922
## 462	chr2 29192887	+	G	1 chr2:29190991-29193922
## 463	chr2 29192887	-	G	5 chr2:29190991-29193922
## 464	chr2 29192888	+	C	1 chr2:29190991-29193922
## 465	chr2 29192888	-	C	5 chr2:29190991-29193922
## 466	chr2 29192889	+	T	1 chr2:29190991-29193922
## 467	chr2 29192889	-	T	5 chr2:29190991-29193922
## 468	chr2 29192890	+	A	1 chr2:29190991-29193922
## 469	chr2 29192890	-	A	5 chr2:29190991-29193922
## 470	chr2 29192891	+	A	1 chr2:29190991-29193922
## 471	chr2 29192891	-	A	5 chr2:29190991-29193922
## 472	chr2 29192892	+	T	1 chr2:29190991-29193922
## 473	chr2 29192892	-	T	5 chr2:29190991-29193922
## 474	chr2 29192893	+	T	2 chr2:29190991-29193922
## 475	chr2 29192893	-	T	5 chr2:29190991-29193922
## 476	chr2 29192894	+	C	2 chr2:29190991-29193922
## 477	chr2 29192894	-	C	5 chr2:29190991-29193922
## 478	chr2 29192895	+	T	2 chr2:29190991-29193922
## 479	chr2 29192895	-	T	5 chr2:29190991-29193922
## 480	chr2 29192896	+	G	2 chr2:29190991-29193922
## 481	chr2 29192896	-	G	5 chr2:29190991-29193922
## 482	chr2 29192897	+	A	2 chr2:29190991-29193922
## 483	chr2 29192897	-	A	5 chr2:29190991-29193922
## 484	chr2 29192898	+	C	2 chr2:29190991-29193922
## 485	chr2 29192898	-	C	5 chr2:29190991-29193922
## 486	chr2 29192899	+	T	2 chr2:29190991-29193922
## 487	chr2 29192899	-	T	5 chr2:29190991-29193922
## 488	chr2 29192900	+	A	2 chr2:29190991-29193922
## 489	chr2 29192900	-	A	5 chr2:29190991-29193922
## 490	chr2 29192901	+	C	3 chr2:29190991-29193922
## 491	chr2 29192901	-	C	5 chr2:29190991-29193922
## 492	chr2 29192902	+	A	3 chr2:29190991-29193922
## 493	chr2 29192902	-	A	5 chr2:29190991-29193922
## 494	chr2 29192903	+	T	3 chr2:29190991-29193922
## 495	chr2 29192903	-	T	5 chr2:29190991-29193922
## 496	chr2 29192904	+	T	3 chr2:29190991-29193922
## 497	chr2 29192904	-	T	5 chr2:29190991-29193922
## 498	chr2 29192905	+	G	3 chr2:29190991-29193922
## 499	chr2 29192905	-	G	5 chr2:29190991-29193922
## 500	chr2 29192906	+	A	3 chr2:29190991-29193922
## 501	chr2 29192906	-	A	5 chr2:29190991-29193922
## 502	chr2 29192907	+	A	3 chr2:29190991-29193922
## 503	chr2 29192907	-	A	5 chr2:29190991-29193922
## 504	chr2 29192908	+	G	3 chr2:29190991-29193922
## 505	chr2 29192908	-	G	5 chr2:29190991-29193922
## 506	chr2 29192909	+	C	3 chr2:29190991-29193922
## 507	chr2 29192909	-	C	5 chr2:29190991-29193922
## 508	chr2 29192910	+	A	3 chr2:29190991-29193922

## 509	chr2 29192910	-	A	5 chr2:29190991-29193922
## 510	chr2 29192911	+	G	3 chr2:29190991-29193922
## 511	chr2 29192911	-	G	5 chr2:29190991-29193922
## 512	chr2 29192912	+	A	3 chr2:29190991-29193922
## 513	chr2 29192912	-	A	5 chr2:29190991-29193922
## 514	chr2 29192913	+	G	3 chr2:29190991-29193922
## 515	chr2 29192913	-	G	5 chr2:29190991-29193922
## 516	chr2 29192914	+	C	3 chr2:29190991-29193922
## 517	chr2 29192914	-	C	1 chr2:29190991-29193922
## 518	chr2 29192915	+	A	3 chr2:29190991-29193922
## 519	chr2 29192915	-	A	1 chr2:29190991-29193922
## 520	chr2 29192916	+	C	3 chr2:29190991-29193922
## 521	chr2 29192916	-	C	1 chr2:29190991-29193922
## 522	chr2 29192917	+	A	3 chr2:29190991-29193922
## 523	chr2 29192917	-	A	1 chr2:29190991-29193922
## 524	chr2 29192918	+	C	3 chr2:29190991-29193922
## 525	chr2 29192918	-	C	1 chr2:29190991-29193922
## 526	chr2 29192919	+	A	3 chr2:29190991-29193922
## 527	chr2 29192919	-	A	1 chr2:29190991-29193922
## 528	chr2 29192920	+	C	3 chr2:29190991-29193922
## 529	chr2 29192920	-	C	1 chr2:29190991-29193922
## 530	chr2 29192921	+	A	3 chr2:29190991-29193922
## 531	chr2 29192921	-	A	1 chr2:29190991-29193922
## 532	chr2 29192922	+	A	3 chr2:29190991-29193922
## 533	chr2 29192922	-	A	1 chr2:29190991-29193922
## 534	chr2 29192923	+	T	3 chr2:29190991-29193922
## 535	chr2 29192923	-	T	1 chr2:29190991-29193922
## 536	chr2 29192924	+	T	3 chr2:29190991-29193922
## 537	chr2 29192924	-	T	1 chr2:29190991-29193922
## 538	chr2 29192925	+	T	3 chr2:29190991-29193922
## 539	chr2 29192925	-	T	1 chr2:29190991-29193922
## 540	chr2 29192926	+	A	3 chr2:29190991-29193922
## 541	chr2 29192926	-	A	1 chr2:29190991-29193922
## 542	chr2 29192927	+	A	3 chr2:29190991-29193922
## 543	chr2 29192927	-	A	1 chr2:29190991-29193922
## 544	chr2 29192928	+	A	3 chr2:29190991-29193922
## 545	chr2 29192928	-	A	1 chr2:29190991-29193922
## 546	chr2 29192929	+	A	3 chr2:29190991-29193922
## 547	chr2 29192929	-	A	1 chr2:29190991-29193922
## 548	chr2 29192930	+	G	3 chr2:29190991-29193922
## 549	chr2 29192930	-	G	1 chr2:29190991-29193922
## 550	chr2 29192931	+	A	3 chr2:29190991-29193922
## 551	chr2 29192931	-	A	1 chr2:29190991-29193922
## 552	chr2 29192932	+	A	5 chr2:29190991-29193922
## 553	chr2 29192932	-	A	1 chr2:29190991-29193922
## 554	chr2 29192933	+	G	5 chr2:29190991-29193922
## 555	chr2 29192933	-	G	1 chr2:29190991-29193922
## 556	chr2 29192934	+	C	5 chr2:29190991-29193922
## 557	chr2 29192934	-	C	1 chr2:29190991-29193922
## 558	chr2 29192935	+	A	5 chr2:29190991-29193922
## 559	chr2 29192935	-	A	1 chr2:29190991-29193922
## 560	chr2 29192936	+	T	5 chr2:29190991-29193922
## 561	chr2 29192936	-	T	1 chr2:29190991-29193922
## 562	chr2 29192937	+	A	5 chr2:29190991-29193922

## 563	chr2 29192937	-	A	1 chr2:29190991-29193922
## 564	chr2 29192938	+	A	5 chr2:29190991-29193922
## 565	chr2 29192939	+	G	5 chr2:29190991-29193922
## 566	chr2 29192940	+	G	5 chr2:29190991-29193922
## 567	chr2 29192941	+	A	5 chr2:29190991-29193922
## 568	chr2 29192942	+	A	5 chr2:29190991-29193922
## 569	chr2 29192943	+	G	5 chr2:29190991-29193922
## 570	chr2 29192944	+	T	5 chr2:29190991-29193922
## 571	chr2 29192945	+	A	5 chr2:29190991-29193922
## 572	chr2 29192946	+	T	5 chr2:29190991-29193922
## 573	chr2 29192947	+	A	5 chr2:29190991-29193922
## 574	chr2 29192948	+	C	5 chr2:29190991-29193922
## 575	chr2 29192949	+	A	5 chr2:29190991-29193922
## 576	chr2 29192950	+	A	5 chr2:29190991-29193922
## 577	chr2 29192951	+	C	5 chr2:29190991-29193922
## 578	chr2 29192952	+	A	6 chr2:29190991-29193922
## 579	chr2 29192953	+	A	6 chr2:29190991-29193922
## 580	chr2 29192954	+	A	6 chr2:29190991-29193922
## 581	chr2 29192955	+	C	6 chr2:29190991-29193922
## 582	chr2 29192956	+	A	6 chr2:29190991-29193922
## 583	chr2 29192957	+	T	6 chr2:29190991-29193922
## 584	chr2 29192958	+	G	6 chr2:29190991-29193922
## 585	chr2 29192959	+	C	6 chr2:29190991-29193922
## 586	chr2 29192960	+	A	6 chr2:29190991-29193922
## 587	chr2 29192961	+	T	5 chr2:29190991-29193922
## 588	chr2 29192962	+	A	5 chr2:29190991-29193922
## 589	chr2 29192963	+	A	5 chr2:29190991-29193922
## 590	chr2 29192964	+	A	5 chr2:29190991-29193922
## 591	chr2 29192965	+	A	5 chr2:29190991-29193922
## 592	chr2 29192966	+	A	5 chr2:29190991-29193922
## 593	chr2 29192967	+	C	7 chr2:29190991-29193922
## 594	chr2 29192968	+	C	6 chr2:29190991-29193922
## 595	chr2 29192969	+	T	6 chr2:29190991-29193922
## 596	chr2 29192970	+	T	6 chr2:29190991-29193922
## 597	chr2 29192971	+	A	6 chr2:29190991-29193922
## 598	chr2 29192972	+	T	6 chr2:29190991-29193922
## 599	chr2 29192973	+	G	7 chr2:29190991-29193922
## 600	chr2 29192974	+	C	7 chr2:29190991-29193922
## 601	chr2 29192975	+	A	7 chr2:29190991-29193922
## 602	chr2 29192976	+	A	6 chr2:29190991-29193922
## 603	chr2 29192977	+	C	6 chr2:29190991-29193922
## 604	chr2 29192978	+	C	6 chr2:29190991-29193922
## 605	chr2 29192979	+	A	7 chr2:29190991-29193922
## 606	chr2 29192980	+	C	7 chr2:29190991-29193922
## 607	chr2 29192981	+	A	8 chr2:29190991-29193922
## 608	chr2 29192982	+	T	11 chr2:29190991-29193922
## 609	chr2 29192983	+	C	12 chr2:29190991-29193922
## 610	chr2 29192984	+	T	12 chr2:29190991-29193922
## 611	chr2 29192985	+	G	12 chr2:29190991-29193922
## 612	chr2 29192986	+	G	12 chr2:29190991-29193922
## 613	chr2 29192987	+	G	12 chr2:29190991-29193922
## 614	chr2 29192988	+	C	12 chr2:29190991-29193922
## 615	chr2 29192989	+	C	12 chr2:29190991-29193922
## 616	chr2 29192990	+	T	12 chr2:29190991-29193922

## 617	chr2 29192991	+	T	12	chr2:29190991-29193922
## 618	chr2 29192992	+	G	12	chr2:29190991-29193922
## 619	chr2 29192993	+	T	15	chr2:29190991-29193922
## 620	chr2 29192994	+	A	15	chr2:29190991-29193922
## 621	chr2 29192995	+	T	16	chr2:29190991-29193922
## 622	chr2 29192996	+	T	16	chr2:29190991-29193922
## 623	chr2 29192997	+	T	16	chr2:29190991-29193922
## 624	chr2 29192998	+	A	16	chr2:29190991-29193922
## 625	chr2 29192999	+	T	17	chr2:29190991-29193922
## 626	chr2 29193000	+	C	17	chr2:29190991-29193922
## 627	chr2 29193001	+	A	17	chr2:29190991-29193922
## 628	chr2 29193002	+	C	19	chr2:29190991-29193922
## 629	chr2 29193003	+	T	19	chr2:29190991-29193922
## 630	chr2 29193004	+	C	20	chr2:29190991-29193922
## 631	chr2 29193005	+	A	20	chr2:29190991-29193922
## 632	chr2 29193006	+	T	20	chr2:29190991-29193922
## 633	chr2 29193007	+	T	18	chr2:29190991-29193922
## 634	chr2 29193008	+	T	18	chr2:29190991-29193922
## 635	chr2 29193009	+	T	18	chr2:29190991-29193922
## 636	chr2 29193010	+	T	18	chr2:29190991-29193922
## 637	chr2 29193011	+	A	18	chr2:29190991-29193922
## 638	chr2 29193012	+	T	18	chr2:29190991-29193922
## 639	chr2 29193013	+	G	18	chr2:29190991-29193922
## 640	chr2 29193014	+	A	18	chr2:29190991-29193922
## 641	chr2 29193015	+	T	20	chr2:29190991-29193922
## 642	chr2 29193016	+	A	20	chr2:29190991-29193922
## 643	chr2 29193017	+	T	20	chr2:29190991-29193922
## 644	chr2 29193018	+	T	20	chr2:29190991-29193922
## 645	chr2 29193019	+	T	20	chr2:29190991-29193922
## 646	chr2 29193020	+	T	20	chr2:29190991-29193922
## 647	chr2 29193021	+	C	20	chr2:29190991-29193922
## 648	chr2 29193022	+	T	20	chr2:29190991-29193922
## 649	chr2 29193023	+	T	20	chr2:29190991-29193922
## 650	chr2 29193024	+	C	21	chr2:29190991-29193922
## 651	chr2 29193025	+	T	23	chr2:29190991-29193922
## 652	chr2 29193026	+	T	23	chr2:29190991-29193922
## 653	chr2 29193027	+	T	22	chr2:29190991-29193922
## 654	chr2 29193028	+	C	22	chr2:29190991-29193922
## 655	chr2 29193029	+	G	22	chr2:29190991-29193922
## 656	chr2 29193030	+	A	22	chr2:29190991-29193922
## 657	chr2 29193031	+	A	22	chr2:29190991-29193922
## 658	chr2 29193032	+	A	24	chr2:29190991-29193922
## 659	chr2 29193033	+	G	24	chr2:29190991-29193922
## 660	chr2 29193034	+	A	24	chr2:29190991-29193922
## 661	chr2 29193035	+	A	24	chr2:29190991-29193922
## 662	chr2 29193036	+	T	24	chr2:29190991-29193922
## 663	chr2 29193037	+	A	24	chr2:29190991-29193922
## 664	chr2 29193038	+	G	24	chr2:29190991-29193922
## 665	chr2 29193039	+	G	24	chr2:29190991-29193922
## 666	chr2 29193040	+	A	26	chr2:29190991-29193922
## 667	chr2 29193041	+	T	28	chr2:29190991-29193922
## 668	chr2 29193042	+	G	26	chr2:29190991-29193922
## 669	chr2 29193043	+	A	26	chr2:29190991-29193922
## 670	chr2 29193044	+	A	26	chr2:29190991-29193922

## 671	chr2 29193045	+	C	26	chr2:29190991-29193922
## 672	chr2 29193046	+	C	27	chr2:29190991-29193922
## 673	chr2 29193047	+	C	30	chr2:29190991-29193922
## 674	chr2 29193048	+	A	30	chr2:29190991-29193922
## 675	chr2 29193049	+	T	32	chr2:29190991-29193922
## 676	chr2 29193050	+	G	33	chr2:29190991-29193922
## 677	chr2 29193051	+	C	34	chr2:29190991-29193922
## 678	chr2 29193052	+	T	34	chr2:29190991-29193922
## 679	chr2 29193053	+	C	35	chr2:29190991-29193922
## 680	chr2 29193054	+	A	35	chr2:29190991-29193922
## 681	chr2 29193055	+	A	35	chr2:29190991-29193922
## 682	chr2 29193056	+	A	39	chr2:29190991-29193922
## 683	chr2 29193057	+	A	38	chr2:29190991-29193922
## 684	chr2 29193058	+	C	40	chr2:29190991-29193922
## 685	chr2 29193059	+	C	40	chr2:29190991-29193922
## 686	chr2 29193060	+	T	40	chr2:29190991-29193922
## 687	chr2 29193061	+	T	44	chr2:29190991-29193922
## 688	chr2 29193062	+	T	44	chr2:29190991-29193922
## 689	chr2 29193063	+	C	46	chr2:29190991-29193922
## 690	chr2 29193064	+	T	46	chr2:29190991-29193922
## 691	chr2 29193065	+	A	52	chr2:29190991-29193922
## 692	chr2 29193066	+	A	53	chr2:29190991-29193922
## 693	chr2 29193067	+	A	53	chr2:29190991-29193922
## 694	chr2 29193068	+	G	54	chr2:29190991-29193922
## 695	chr2 29193069	+	C	60	chr2:29190991-29193922
## 696	chr2 29193070	+	A	60	chr2:29190991-29193922
## 697	chr2 29193071	+	T	60	chr2:29190991-29193922
## 698	chr2 29193072	+	T	62	chr2:29190991-29193922
## 699	chr2 29193073	+	T	62	chr2:29190991-29193922
## 700	chr2 29193074	+	T	63	chr2:29190991-29193922
## 701	chr2 29193075	+	C	63	chr2:29190991-29193922
## 702	chr2 29193076	+	A	63	chr2:29190991-29193922
## 703	chr2 29193077	+	A	64	chr2:29190991-29193922
## 704	chr2 29193078	+	A	68	chr2:29190991-29193922
## 705	chr2 29193079	+	A	70	chr2:29190991-29193922
## 706	chr2 29193080	+	G	1	chr2:29190991-29193922
## 707	chr2 29193080	+	T	72	chr2:29190991-29193922
## 708	chr2 29193081	+	A	79	chr2:29190991-29193922
## 709	chr2 29193082	+	C	83	chr2:29190991-29193922
## 710	chr2 29193083	+	A	89	chr2:29190991-29193922
## 711	chr2 29193084	+	G	90	chr2:29190991-29193922
## 712	chr2 29193084	+	T	1	chr2:29190991-29193922
## 713	chr2 29193085	+	A	1	chr2:29190991-29193922
## 714	chr2 29193085	+	C	91	chr2:29190991-29193922
## 715	chr2 29193086	+	T	93	chr2:29190991-29193922
## 716	chr2 29193087	+	T	98	chr2:29190991-29193922
## 717	chr2 29193088	+	T	98	chr2:29190991-29193922
## 718	chr2 29193089	+	T	98	chr2:29190991-29193922
## 719	chr2 29193090	+	T	96	chr2:29190991-29193922
## 720	chr2 29193091	+	T	96	chr2:29190991-29193922
## 721	chr2 29193092	+	G	98	chr2:29190991-29193922
## 722	chr2 29193093	+	G	99	chr2:29190991-29193922
## 723	chr2 29193094	+	T	106	chr2:29190991-29193922
## 724	chr2 29193095	+	G	109	chr2:29190991-29193922

## 725	chr2 29193096	+	G	115 chr2:29190991-29193922
## 726	chr2 29193097	+	T	116 chr2:29190991-29193922
## 727	chr2 29193098	+	A	118 chr2:29190991-29193922
## 728	chr2 29193099	+	A	1 chr2:29190991-29193922
## 729	chr2 29193099	+	C	120 chr2:29190991-29193922
## 730	chr2 29193100	+	T	120 chr2:29190991-29193922
## 731	chr2 29193101	+	T	124 chr2:29190991-29193922
## 732	chr2 29193102	+	C	124 chr2:29190991-29193922
## 733	chr2 29193103	+	A	126 chr2:29190991-29193922
## 734	chr2 29193103	+	T	1 chr2:29190991-29193922
## 735	chr2 29193104	+	A	133 chr2:29190991-29193922
## 736	chr2 29193105	+	A	142 chr2:29190991-29193922
## 737	chr2 29193106	+	A	148 chr2:29190991-29193922
## 738	chr2 29193107	+	T	152 chr2:29190991-29193922
## 739	chr2 29193108	+	A	153 chr2:29190991-29193922
## 740	chr2 29193109	+	G	161 chr2:29190991-29193922
## 741	chr2 29193110	+	G	164 chr2:29190991-29193922
## 742	chr2 29193111	+	T	165 chr2:29190991-29193922
## 743	chr2 29193112	+	T	165 chr2:29190991-29193922
## 744	chr2 29193113	+	G	168 chr2:29190991-29193922
## 745	chr2 29193114	+	G	173 chr2:29190991-29193922
## 746	chr2 29193115	+	C	177 chr2:29190991-29193922
## 747	chr2 29193116	+	A	175 chr2:29190991-29193922
## 748	chr2 29193117	+	A	1 chr2:29190991-29193922
## 749	chr2 29193117	+	C	182 chr2:29190991-29193922
## 750	chr2 29193118	+	A	186 chr2:29190991-29193922
## 751	chr2 29193119	+	A	193 chr2:29190991-29193922
## 752	chr2 29193120	+	A	196 chr2:29190991-29193922
## 753	chr2 29193121	+	A	200 chr2:29190991-29193922
## 754	chr2 29193121	+	G	1 chr2:29190991-29193922
## 755	chr2 29193122	+	C	204 chr2:29190991-29193922
## 756	chr2 29193123	+	A	204 chr2:29190991-29193922
## 757	chr2 29193124	+	A	208 chr2:29190991-29193922
## 758	chr2 29193125	+	A	210 chr2:29190991-29193922
## 759	chr2 29193126	+	A	209 chr2:29190991-29193922
## 760	chr2 29193127	+	C	216 chr2:29190991-29193922
## 761	chr2 29193127	+	T	1 chr2:29190991-29193922
## 762	chr2 29193128	+	G	224 chr2:29190991-29193922
## 763	chr2 29193129	+	T	231 chr2:29190991-29193922
## 764	chr2 29193130	+	G	233 chr2:29190991-29193922
## 765	chr2 29193130	+	T	1 chr2:29190991-29193922
## 766	chr2 29193131	+	A	237 chr2:29190991-29193922
## 767	chr2 29193132	+	C	237 chr2:29190991-29193922
## 768	chr2 29193133	+	A	246 chr2:29190991-29193922
## 769	chr2 29193134	+	T	250 chr2:29190991-29193922
## 770	chr2 29193135	+	T	250 chr2:29190991-29193922
## 771	chr2 29193136	+	T	249 chr2:29190991-29193922
## 772	chr2 29193137	+	G	251 chr2:29190991-29193922
## 773	chr2 29193138	+	G	250 chr2:29190991-29193922
## 774	chr2 29193139	+	T	251 chr2:29190991-29193922
## 775	chr2 29193140	+	C	247 chr2:29190991-29193922
## 776	chr2 29193141	+	C	1 chr2:29190991-29193922
## 777	chr2 29193141	+	T	249 chr2:29190991-29193922
## 778	chr2 29193142	+	C	251 chr2:29190991-29193922

## 779	chr2 29193143	+	T	248	chr2:29190991-29193922
## 780	chr2 29193144	+	A	1	chr2:29190991-29193922
## 781	chr2 29193144	+	G	244	chr2:29190991-29193922
## 782	chr2 29193145	+	G	249	chr2:29190991-29193922
## 783	chr2 29193146	+	T	251	chr2:29190991-29193922
## 784	chr2 29193147	+	T	250	chr2:29190991-29193922
## 785	chr2 29193148	+	T	250	chr2:29190991-29193922
## 786	chr2 29193149	+	G	250	chr2:29190991-29193922
## 787	chr2 29193150	+	T	251	chr2:29190991-29193922
## 788	chr2 29193151	+	G	252	chr2:29190991-29193922
## 789	chr2 29193152	+	A	250	chr2:29190991-29193922
## 790	chr2 29193153	+	A	247	chr2:29190991-29193922
## 791	chr2 29193154	+	G	248	chr2:29190991-29193922
## 792	chr2 29193155	+	G	248	chr2:29190991-29193922
## 793	chr2 29193156	+	A	244	chr2:29190991-29193922
## 794	chr2 29193156	+	G	1	chr2:29190991-29193922
## 795	chr2 29193157	+	G	244	chr2:29190991-29193922
## 796	chr2 29193157	-	G	1	chr2:29190991-29193922
## 797	chr2 29193158	+	C	245	chr2:29190991-29193922
## 798	chr2 29193158	-	C	1	chr2:29190991-29193922
## 799	chr2 29193159	+	C	248	chr2:29190991-29193922
## 800	chr2 29193159	-	C	1	chr2:29190991-29193922
## 801	chr2 29193160	+	A	249	chr2:29190991-29193922
## 802	chr2 29193160	-	A	1	chr2:29190991-29193922
## 803	chr2 29193161	+	T	249	chr2:29190991-29193922
## 804	chr2 29193161	-	T	1	chr2:29190991-29193922
## 805	chr2 29193162	+	T	245	chr2:29190991-29193922
## 806	chr2 29193162	-	T	1	chr2:29190991-29193922
## 807	chr2 29193163	+	G	250	chr2:29190991-29193922
## 808	chr2 29193163	-	G	1	chr2:29190991-29193922
## 809	chr2 29193164	+	C	251	chr2:29190991-29193922
## 810	chr2 29193164	-	C	1	chr2:29190991-29193922
## 811	chr2 29193165	+	C	252	chr2:29190991-29193922
## 812	chr2 29193165	-	C	1	chr2:29190991-29193922
## 813	chr2 29193166	+	C	1	chr2:29190991-29193922
## 814	chr2 29193166	+	T	252	chr2:29190991-29193922
## 815	chr2 29193166	-	T	1	chr2:29190991-29193922
## 816	chr2 29193167	+	C	252	chr2:29190991-29193922
## 817	chr2 29193167	-	C	1	chr2:29190991-29193922
## 818	chr2 29193168	+	T	251	chr2:29190991-29193922
## 819	chr2 29193168	-	T	1	chr2:29190991-29193922
## 820	chr2 29193169	+	A	1	chr2:29190991-29193922
## 821	chr2 29193169	+	C	244	chr2:29190991-29193922
## 822	chr2 29193169	-	C	1	chr2:29190991-29193922
## 823	chr2 29193170	+	T	247	chr2:29190991-29193922
## 824	chr2 29193170	-	T	1	chr2:29190991-29193922
## 825	chr2 29193171	+	C	244	chr2:29190991-29193922
## 826	chr2 29193171	-	C	1	chr2:29190991-29193922
## 827	chr2 29193172	+	T	249	chr2:29190991-29193922
## 828	chr2 29193172	-	T	1	chr2:29190991-29193922
## 829	chr2 29193173	+	C	248	chr2:29190991-29193922
## 830	chr2 29193173	-	C	1	chr2:29190991-29193922
## 831	chr2 29193174	+	C	246	chr2:29190991-29193922
## 832	chr2 29193174	-	C	1	chr2:29190991-29193922

## 833	chr2 29193175	+	T	250	chr2:29190991-29193922
## 834	chr2 29193175	-	T	1	chr2:29190991-29193922
## 835	chr2 29193176	+	C	246	chr2:29190991-29193922
## 836	chr2 29193176	-	C	1	chr2:29190991-29193922
## 837	chr2 29193176	+	T	1	chr2:29190991-29193922
## 838	chr2 29193177	+	C	250	chr2:29190991-29193922
## 839	chr2 29193177	-	C	1	chr2:29190991-29193922
## 840	chr2 29193178	+	A	246	chr2:29190991-29193922
## 841	chr2 29193178	-	A	1	chr2:29190991-29193922
## 842	chr2 29193179	+	C	245	chr2:29190991-29193922
## 843	chr2 29193179	-	C	1	chr2:29190991-29193922
## 844	chr2 29193179	+	T	1	chr2:29190991-29193922
## 845	chr2 29193180	+	G	241	chr2:29190991-29193922
## 846	chr2 29193180	-	G	1	chr2:29190991-29193922
## 847	chr2 29193181	+	A	1	chr2:29190991-29193922
## 848	chr2 29193181	+	G	243	chr2:29190991-29193922
## 849	chr2 29193181	-	G	1	chr2:29190991-29193922
## 850	chr2 29193182	+	T	245	chr2:29190991-29193922
## 851	chr2 29193182	-	T	1	chr2:29190991-29193922
## 852	chr2 29193183	+	C	249	chr2:29190991-29193922
## 853	chr2 29193183	-	C	1	chr2:29190991-29193922
## 854	chr2 29193184	+	T	241	chr2:29190991-29193922
## 855	chr2 29193184	-	T	1	chr2:29190991-29193922
## 856	chr2 29193185	+	T	240	chr2:29190991-29193922
## 857	chr2 29193185	-	T	5	chr2:29190991-29193922
## 858	chr2 29193186	+	A	245	chr2:29190991-29193922
## 859	chr2 29193186	-	A	5	chr2:29190991-29193922
## 860	chr2 29193187	+	G	246	chr2:29190991-29193922
## 861	chr2 29193187	-	G	5	chr2:29190991-29193922
## 862	chr2 29193188	+	G	243	chr2:29190991-29193922
## 863	chr2 29193188	-	G	5	chr2:29190991-29193922
## 864	chr2 29193189	+	G	241	chr2:29190991-29193922
## 865	chr2 29193189	-	G	5	chr2:29190991-29193922
## 866	chr2 29193190	+	A	240	chr2:29190991-29193922
## 867	chr2 29193190	-	A	5	chr2:29190991-29193922
## 868	chr2 29193191	+	T	246	chr2:29190991-29193922
## 869	chr2 29193191	-	T	5	chr2:29190991-29193922
## 870	chr2 29193192	+	C	238	chr2:29190991-29193922
## 871	chr2 29193192	-	C	5	chr2:29190991-29193922
## 872	chr2 29193192	+	T	1	chr2:29190991-29193922
## 873	chr2 29193193	+	C	243	chr2:29190991-29193922
## 874	chr2 29193193	-	C	5	chr2:29190991-29193922
## 875	chr2 29193194	+	C	238	chr2:29190991-29193922
## 876	chr2 29193194	-	C	6	chr2:29190991-29193922
## 877	chr2 29193195	+	A	241	chr2:29190991-29193922
## 878	chr2 29193195	-	A	6	chr2:29190991-29193922
## 879	chr2 29193196	+	A	239	chr2:29190991-29193922
## 880	chr2 29193196	-	A	6	chr2:29190991-29193922
## 881	chr2 29193196	+	T	1	chr2:29190991-29193922
## 882	chr2 29193197	+	G	239	chr2:29190991-29193922
## 883	chr2 29193197	-	G	6	chr2:29190991-29193922
## 884	chr2 29193198	+	G	243	chr2:29190991-29193922
## 885	chr2 29193198	-	G	6	chr2:29190991-29193922
## 886	chr2 29193199	+	A	240	chr2:29190991-29193922

## 887	chr2 29193199	-	A	6	chr2:29190991-29193922
## 888	chr2 29193200	+	A	242	chr2:29190991-29193922
## 889	chr2 29193200	-	A	6	chr2:29190991-29193922
## 890	chr2 29193201	+	G	245	chr2:29190991-29193922
## 891	chr2 29193201	-	G	6	chr2:29190991-29193922
## 892	chr2 29193202	+	A	236	chr2:29190991-29193922
## 893	chr2 29193202	-	A	6	chr2:29190991-29193922
## 894	chr2 29193202	+	G	1	chr2:29190991-29193922
## 895	chr2 29193202	+	T	1	chr2:29190991-29193922
## 896	chr2 29193203	+	G	234	chr2:29190991-29193922
## 897	chr2 29193203	-	G	8	chr2:29190991-29193922
## 898	chr2 29193204	+	A	235	chr2:29190991-29193922
## 899	chr2 29193204	-	A	8	chr2:29190991-29193922
## 900	chr2 29193205	+	A	240	chr2:29190991-29193922
## 901	chr2 29193205	-	A	8	chr2:29190991-29193922
## 902	chr2 29193206	+	G	235	chr2:29190991-29193922
## 903	chr2 29193206	-	G	8	chr2:29190991-29193922
## 904	chr2 29193207	+	T	240	chr2:29190991-29193922
## 905	chr2 29193207	-	T	8	chr2:29190991-29193922
## 906	chr2 29193208	+	G	232	chr2:29190991-29193922
## 907	chr2 29193208	-	G	8	chr2:29190991-29193922
## 908	chr2 29193209	+	A	238	chr2:29190991-29193922
## 909	chr2 29193209	-	A	8	chr2:29190991-29193922
## 910	chr2 29193210	+	G	242	chr2:29190991-29193922
## 911	chr2 29193210	-	G	8	chr2:29190991-29193922
## 912	chr2 29193211	+	T	242	chr2:29190991-29193922
## 913	chr2 29193211	-	T	8	chr2:29190991-29193922
## 914	chr2 29193212	+	G	241	chr2:29190991-29193922
## 915	chr2 29193212	-	G	8	chr2:29190991-29193922
## 916	chr2 29193213	+	T	242	chr2:29190991-29193922
## 917	chr2 29193213	-	T	8	chr2:29190991-29193922
## 918	chr2 29193214	+	G	242	chr2:29190991-29193922
## 919	chr2 29193214	-	G	8	chr2:29190991-29193922
## 920	chr2 29193215	+	C	241	chr2:29190991-29193922
## 921	chr2 29193215	-	C	8	chr2:29190991-29193922
## 922	chr2 29193215	+	T	1	chr2:29190991-29193922
## 923	chr2 29193216	+	A	1	chr2:29190991-29193922
## 924	chr2 29193216	+	G	238	chr2:29190991-29193922
## 925	chr2 29193216	-	G	8	chr2:29190991-29193922
## 926	chr2 29193217	+	A	240	chr2:29190991-29193922
## 927	chr2 29193217	-	A	8	chr2:29190991-29193922
## 928	chr2 29193217	+	C	2	chr2:29190991-29193922
## 929	chr2 29193218	+	C	242	chr2:29190991-29193922
## 930	chr2 29193218	-	C	8	chr2:29190991-29193922
## 931	chr2 29193219	+	C	240	chr2:29190991-29193922
## 932	chr2 29193219	-	C	8	chr2:29190991-29193922
## 933	chr2 29193220	+	G	236	chr2:29190991-29193922
## 934	chr2 29193220	-	G	8	chr2:29190991-29193922
## 935	chr2 29193221	+	A	236	chr2:29190991-29193922
## 936	chr2 29193221	-	A	13	chr2:29190991-29193922
## 937	chr2 29193222	+	A	1	chr2:29190991-29193922
## 938	chr2 29193222	+	G	236	chr2:29190991-29193922
## 939	chr2 29193222	-	G	13	chr2:29190991-29193922
## 940	chr2 29193223	+	C	237	chr2:29190991-29193922

## 941	chr2 29193223	-	C	13	chr2:29190991-29193922
## 942	chr2 29193224	+	T	237	chr2:29190991-29193922
## 943	chr2 29193224	-	T	13	chr2:29190991-29193922
## 944	chr2 29193225	+	C	237	chr2:29190991-29193922
## 945	chr2 29193225	-	C	13	chr2:29190991-29193922
## 946	chr2 29193226	+	A	237	chr2:29190991-29193922
## 947	chr2 29193226	-	A	13	chr2:29190991-29193922
## 948	chr2 29193227	+	G	237	chr2:29190991-29193922
## 949	chr2 29193227	-	G	13	chr2:29190991-29193922
## 950	chr2 29193228	+	G	237	chr2:29190991-29193922
## 951	chr2 29193228	-	G	13	chr2:29190991-29193922
## 952	chr2 29193229	+	G	234	chr2:29190991-29193922
## 953	chr2 29193229	-	G	13	chr2:29190991-29193922
## 954	chr2 29193230	+	C	235	chr2:29190991-29193922
## 955	chr2 29193230	-	C	13	chr2:29190991-29193922
## 956	chr2 29193231	+	C	235	chr2:29190991-29193922
## 957	chr2 29193231	-	C	13	chr2:29190991-29193922
## 958	chr2 29193232	+	C	234	chr2:29190991-29193922
## 959	chr2 29193232	-	C	12	chr2:29190991-29193922
## 960	chr2 29193233	+	A	232	chr2:29190991-29193922
## 961	chr2 29193233	-	A	12	chr2:29190991-29193922
## 962	chr2 29193233	+	G	1	chr2:29190991-29193922
## 963	chr2 29193234	+	G	234	chr2:29190991-29193922
## 964	chr2 29193234	-	G	12	chr2:29190991-29193922
## 965	chr2 29193235	+	G	237	chr2:29190991-29193922
## 966	chr2 29193235	-	G	12	chr2:29190991-29193922
## 967	chr2 29193236	+	C	238	chr2:29190991-29193922
## 968	chr2 29193236	-	C	12	chr2:29190991-29193922
## 969	chr2 29193237	+	T	238	chr2:29190991-29193922
## 970	chr2 29193237	-	T	12	chr2:29190991-29193922
## 971	chr2 29193238	+	G	234	chr2:29190991-29193922
## 972	chr2 29193238	-	G	12	chr2:29190991-29193922
## 973	chr2 29193239	+	G	237	chr2:29190991-29193922
## 974	chr2 29193239	-	G	12	chr2:29190991-29193922
## 975	chr2 29193240	+	T	237	chr2:29190991-29193922
## 976	chr2 29193240	-	T	12	chr2:29190991-29193922
## 977	chr2 29193241	+	A	1	chr2:29190991-29193922
## 978	chr2 29193241	+	T	238	chr2:29190991-29193922
## 979	chr2 29193241	-	T	12	chr2:29190991-29193922
## 980	chr2 29193242	+	C	239	chr2:29190991-29193922
## 981	chr2 29193242	-	C	12	chr2:29190991-29193922
## 982	chr2 29193243	+	A	239	chr2:29190991-29193922
## 983	chr2 29193243	-	A	12	chr2:29190991-29193922
## 984	chr2 29193244	+	T	239	chr2:29190991-29193922
## 985	chr2 29193244	-	T	12	chr2:29190991-29193922
## 986	chr2 29193245	+	G	235	chr2:29190991-29193922
## 987	chr2 29193245	-	G	12	chr2:29190991-29193922
## 988	chr2 29193246	+	C	236	chr2:29190991-29193922
## 989	chr2 29193246	-	C	12	chr2:29190991-29193922
## 990	chr2 29193247	+	A	1	chr2:29190991-29193922
## 991	chr2 29193247	+	T	231	chr2:29190991-29193922
## 992	chr2 29193247	-	T	12	chr2:29190991-29193922
## 993	chr2 29193248	+	A	238	chr2:29190991-29193922
## 994	chr2 29193248	-	A	13	chr2:29190991-29193922

## 995	chr2 29193249	+	T	237	chr2:29190991-29193922
## 996	chr2 29193249	-	T	13	chr2:29190991-29193922
## 997	chr2 29193250	+	T	234	chr2:29190991-29193922
## 998	chr2 29193250	-	T	13	chr2:29190991-29193922
## 999	chr2 29193251	+	C	236	chr2:29190991-29193922
## 1000	chr2 29193251	-	C	13	chr2:29190991-29193922
## 1001	chr2 29193252	+	T	235	chr2:29190991-29193922
## 1002	chr2 29193252	-	T	13	chr2:29190991-29193922
## 1003	chr2 29193253	+	T	237	chr2:29190991-29193922
## 1004	chr2 29193253	-	T	13	chr2:29190991-29193922
## 1005	chr2 29193254	+	G	234	chr2:29190991-29193922
## 1006	chr2 29193254	-	G	13	chr2:29190991-29193922
## 1007	chr2 29193255	+	C	234	chr2:29190991-29193922
## 1008	chr2 29193255	-	C	13	chr2:29190991-29193922
## 1009	chr2 29193256	+	G	1	chr2:29190991-29193922
## 1010	chr2 29193256	+	T	229	chr2:29190991-29193922
## 1011	chr2 29193256	-	T	13	chr2:29190991-29193922
## 1012	chr2 29193257	+	T	232	chr2:29190991-29193922
## 1013	chr2 29193257	-	T	13	chr2:29190991-29193922
## 1014	chr2 29193258	+	T	228	chr2:29190991-29193922
## 1015	chr2 29193258	-	T	18	chr2:29190991-29193922
## 1016	chr2 29193259	+	T	230	chr2:29190991-29193922
## 1017	chr2 29193259	-	T	20	chr2:29190991-29193922
## 1018	chr2 29193260	+	A	1	chr2:29190991-29193922
## 1019	chr2 29193260	+	C	229	chr2:29190991-29193922
## 1020	chr2 29193260	-	C	16	chr2:29190991-29193922
## 1021	chr2 29193261	+	A	229	chr2:29190991-29193922
## 1022	chr2 29193261	-	A	16	chr2:29190991-29193922
## 1023	chr2 29193262	+	G	234	chr2:29190991-29193922
## 1024	chr2 29193262	-	G	16	chr2:29190991-29193922
## 1025	chr2 29193263	+	A	234	chr2:29190991-29193922
## 1026	chr2 29193263	-	A	16	chr2:29190991-29193922
## 1027	chr2 29193264	+	A	231	chr2:29190991-29193922
## 1028	chr2 29193264	-	A	16	chr2:29190991-29193922
## 1029	chr2 29193265	+	T	231	chr2:29190991-29193922
## 1030	chr2 29193265	-	T	16	chr2:29190991-29193922
## 1031	chr2 29193266	+	G	228	chr2:29190991-29193922
## 1032	chr2 29193266	-	G	18	chr2:29190991-29193922
## 1033	chr2 29193267	+	G	232	chr2:29190991-29193922
## 1034	chr2 29193267	-	G	18	chr2:29190991-29193922
## 1035	chr2 29193268	+	T	226	chr2:29190991-29193922
## 1036	chr2 29193268	-	T	18	chr2:29190991-29193922
## 1037	chr2 29193269	+	A	231	chr2:29190991-29193922
## 1038	chr2 29193269	-	A	17	chr2:29190991-29193922
## 1039	chr2 29193270	+	T	227	chr2:29190991-29193922
## 1040	chr2 29193270	-	T	17	chr2:29190991-29193922
## 1041	chr2 29193271	+	A	1	chr2:29190991-29193922
## 1042	chr2 29193271	+	C	229	chr2:29190991-29193922
## 1043	chr2 29193271	-	C	18	chr2:29190991-29193922
## 1044	chr2 29193272	+	C	224	chr2:29190991-29193922
## 1045	chr2 29193272	-	C	21	chr2:29190991-29193922
## 1046	chr2 29193273	+	T	225	chr2:29190991-29193922
## 1047	chr2 29193273	-	T	21	chr2:29190991-29193922
## 1048	chr2 29193274	+	C	226	chr2:29190991-29193922

## 1049	chr2 29193274	-	C	21	chr2:29190991-29193922
## 1050	chr2 29193274	+	T	2	chr2:29190991-29193922
## 1051	chr2 29193275	+	G	225	chr2:29190991-29193922
## 1052	chr2 29193275	-	G	21	chr2:29190991-29193922
## 1053	chr2 29193276	+	C	1	chr2:29190991-29193922
## 1054	chr2 29193276	+	T	225	chr2:29190991-29193922
## 1055	chr2 29193276	-	T	21	chr2:29190991-29193922
## 1056	chr2 29193277	+	A	229	chr2:29190991-29193922
## 1057	chr2 29193277	-	A	21	chr2:29190991-29193922
## 1058	chr2 29193278	+	A	225	chr2:29190991-29193922
## 1059	chr2 29193278	-	A	19	chr2:29190991-29193922
## 1060	chr2 29193279	+	T	223	chr2:29190991-29193922
## 1061	chr2 29193279	-	T	19	chr2:29190991-29193922
## 1062	chr2 29193280	+	G	220	chr2:29190991-29193922
## 1063	chr2 29193280	-	G	23	chr2:29190991-29193922
## 1064	chr2 29193281	+	A	225	chr2:29190991-29193922
## 1065	chr2 29193281	-	A	23	chr2:29190991-29193922
## 1066	chr2 29193282	+	A	1	chr2:29190991-29193922
## 1067	chr2 29193282	+	C	219	chr2:29190991-29193922
## 1068	chr2 29193282	-	C	23	chr2:29190991-29193922
## 1069	chr2 29193282	+	G	1	chr2:29190991-29193922
## 1070	chr2 29193283	+	C	224	chr2:29190991-29193922
## 1071	chr2 29193283	-	C	23	chr2:29190991-29193922
## 1072	chr2 29193283	+	T	1	chr2:29190991-29193922
## 1073	chr2 29193284	+	A	217	chr2:29190991-29193922
## 1074	chr2 29193284	-	A	23	chr2:29190991-29193922
## 1075	chr2 29193285	+	G	221	chr2:29190991-29193922
## 1076	chr2 29193285	-	G	25	chr2:29190991-29193922
## 1077	chr2 29193286	+	C	225	chr2:29190991-29193922
## 1078	chr2 29193286	-	C	25	chr2:29190991-29193922
## 1079	chr2 29193287	+	T	225	chr2:29190991-29193922
## 1080	chr2 29193287	-	T	25	chr2:29190991-29193922
## 1081	chr2 29193288	+	C	224	chr2:29190991-29193922
## 1082	chr2 29193288	-	C	25	chr2:29190991-29193922
## 1083	chr2 29193289	+	C	225	chr2:29190991-29193922
## 1084	chr2 29193289	-	C	25	chr2:29190991-29193922
## 1085	chr2 29193290	+	A	225	chr2:29190991-29193922
## 1086	chr2 29193290	-	A	25	chr2:29190991-29193922
## 1087	chr2 29193291	+	G	225	chr2:29190991-29193922
## 1088	chr2 29193291	-	G	25	chr2:29190991-29193922
## 1089	chr2 29193292	+	G	222	chr2:29190991-29193922
## 1090	chr2 29193292	-	G	25	chr2:29190991-29193922
## 1091	chr2 29193293	+	G	225	chr2:29190991-29193922
## 1092	chr2 29193293	-	G	25	chr2:29190991-29193922
## 1093	chr2 29193294	+	G	225	chr2:29190991-29193922
## 1094	chr2 29193294	-	G	25	chr2:29190991-29193922
## 1095	chr2 29193295	+	C	223	chr2:29190991-29193922
## 1096	chr2 29193295	-	C	25	chr2:29190991-29193922
## 1097	chr2 29193296	+	A	224	chr2:29190991-29193922
## 1098	chr2 29193296	-	A	20	chr2:29190991-29193922
## 1099	chr2 29193297	+	G	229	chr2:29190991-29193922
## 1100	chr2 29193297	-	G	20	chr2:29190991-29193922
## 1101	chr2 29193298	+	C	1	chr2:29190991-29193922
## 1102	chr2 29193298	+	T	229	chr2:29190991-29193922

## 1103	chr2 29193298	-	T	20	chr2:29190991-29193922
## 1104	chr2 29193299	+	A	230	chr2:29190991-29193922
## 1105	chr2 29193299	-	A	20	chr2:29190991-29193922
## 1106	chr2 29193300	+	G	230	chr2:29190991-29193922
## 1107	chr2 29193300	-	G	20	chr2:29190991-29193922
## 1108	chr2 29193301	+	C	228	chr2:29190991-29193922
## 1109	chr2 29193301	-	C	20	chr2:29190991-29193922
## 1110	chr2 29193301	+	T	2	chr2:29190991-29193922
## 1111	chr2 29193302	+	G	230	chr2:29190991-29193922
## 1112	chr2 29193302	-	G	20	chr2:29190991-29193922
## 1113	chr2 29193303	+	G	230	chr2:29190991-29193922
## 1114	chr2 29193303	-	G	20	chr2:29190991-29193922
## 1115	chr2 29193304	+	C	231	chr2:29190991-29193922
## 1116	chr2 29193304	-	C	20	chr2:29190991-29193922
## 1117	chr2 29193305	+	T	228	chr2:29190991-29193922
## 1118	chr2 29193305	-	T	20	chr2:29190991-29193922
## 1119	chr2 29193306	+	T	228	chr2:29190991-29193922
## 1120	chr2 29193306	-	T	20	chr2:29190991-29193922
## 1121	chr2 29193307	+	C	228	chr2:29190991-29193922
## 1122	chr2 29193307	-	C	20	chr2:29190991-29193922
## 1123	chr2 29193308	+	T	226	chr2:29190991-29193922
## 1124	chr2 29193308	-	T	20	chr2:29190991-29193922
## 1125	chr2 29193309	+	A	224	chr2:29190991-29193922
## 1126	chr2 29193309	-	A	20	chr2:29190991-29193922
## 1127	chr2 29193310	+	A	227	chr2:29190991-29193922
## 1128	chr2 29193310	-	A	20	chr2:29190991-29193922
## 1129	chr2 29193311	+	G	229	chr2:29190991-29193922
## 1130	chr2 29193311	-	G	20	chr2:29190991-29193922
## 1131	chr2 29193312	+	G	229	chr2:29190991-29193922
## 1132	chr2 29193312	-	G	20	chr2:29190991-29193922
## 1133	chr2 29193312	+	T	1	chr2:29190991-29193922
## 1134	chr2 29193313	+	G	230	chr2:29190991-29193922
## 1135	chr2 29193313	-	G	18	chr2:29190991-29193922
## 1136	chr2 29193313	-	T	2	chr2:29190991-29193922
## 1137	chr2 29193314	+	C	226	chr2:29190991-29193922
## 1138	chr2 29193314	-	C	20	chr2:29190991-29193922
## 1139	chr2 29193315	+	A	229	chr2:29190991-29193922
## 1140	chr2 29193315	-	A	20	chr2:29190991-29193922
## 1141	chr2 29193316	+	A	229	chr2:29190991-29193922
## 1142	chr2 29193316	-	A	20	chr2:29190991-29193922
## 1143	chr2 29193317	+	G	230	chr2:29190991-29193922
## 1144	chr2 29193317	-	G	20	chr2:29190991-29193922
## 1145	chr2 29193318	+	A	1	chr2:29190991-29193922
## 1146	chr2 29193318	+	C	229	chr2:29190991-29193922
## 1147	chr2 29193318	-	C	20	chr2:29190991-29193922
## 1148	chr2 29193319	+	C	230	chr2:29190991-29193922
## 1149	chr2 29193319	-	C	20	chr2:29190991-29193922
## 1150	chr2 29193320	+	C	230	chr2:29190991-29193922
## 1151	chr2 29193320	-	C	20	chr2:29190991-29193922
## 1152	chr2 29193321	+	T	226	chr2:29190991-29193922
## 1153	chr2 29193321	-	T	20	chr2:29190991-29193922
## 1154	chr2 29193322	+	G	229	chr2:29190991-29193922
## 1155	chr2 29193322	-	G	20	chr2:29190991-29193922
## 1156	chr2 29193323	+	T	225	chr2:29190991-29193922

## 1157	chr2 29193323	-	T	19	chr2:29190991-29193922
## 1158	chr2 29193324	+	T	227	chr2:29190991-29193922
## 1159	chr2 29193324	-	T	20	chr2:29190991-29193922
## 1160	chr2 29193325	+	C	1	chr2:29190991-29193922
## 1161	chr2 29193325	+	G	228	chr2:29190991-29193922
## 1162	chr2 29193325	-	G	20	chr2:29190991-29193922
## 1163	chr2 29193325	+	T	1	chr2:29190991-29193922
## 1164	chr2 29193326	+	C	227	chr2:29190991-29193922
## 1165	chr2 29193326	-	C	20	chr2:29190991-29193922
## 1166	chr2 29193327	+	T	228	chr2:29190991-29193922
## 1167	chr2 29193327	-	T	20	chr2:29190991-29193922
## 1168	chr2 29193328	+	G	227	chr2:29190991-29193922
## 1169	chr2 29193328	-	G	22	chr2:29190991-29193922
## 1170	chr2 29193329	+	G	228	chr2:29190991-29193922
## 1171	chr2 29193329	-	G	22	chr2:29190991-29193922
## 1172	chr2 29193330	+	A	1	chr2:29190991-29193922
## 1173	chr2 29193330	+	T	223	chr2:29190991-29193922
## 1174	chr2 29193330	-	T	22	chr2:29190991-29193922
## 1175	chr2 29193331	+	A	221	chr2:29190991-29193922
## 1176	chr2 29193331	-	A	22	chr2:29190991-29193922
## 1177	chr2 29193332	+	G	223	chr2:29190991-29193922
## 1178	chr2 29193332	-	G	22	chr2:29190991-29193922
## 1179	chr2 29193333	+	C	226	chr2:29190991-29193922
## 1180	chr2 29193333	-	C	19	chr2:29190991-29193922
## 1181	chr2 29193334	+	C	226	chr2:29190991-29193922
## 1182	chr2 29193334	-	C	18	chr2:29190991-29193922
## 1183	chr2 29193334	+	T	3	chr2:29190991-29193922
## 1184	chr2 29193335	-	A	1	chr2:29190991-29193922
## 1185	chr2 29193335	+	G	231	chr2:29190991-29193922
## 1186	chr2 29193335	-	G	17	chr2:29190991-29193922
## 1187	chr2 29193335	+	T	1	chr2:29190991-29193922
## 1188	chr2 29193336	+	T	228	chr2:29190991-29193922
## 1189	chr2 29193336	-	T	18	chr2:29190991-29193922
## 1190	chr2 29193337	+	-	1	chr2:29190991-29193922
## 1191	chr2 29193337	+	A	226	chr2:29190991-29193922
## 1192	chr2 29193337	-	A	18	chr2:29190991-29193922
## 1193	chr2 29193338	+	A	232	chr2:29190991-29193922
## 1194	chr2 29193338	-	A	18	chr2:29190991-29193922
## 1195	chr2 29193339	+	T	232	chr2:29190991-29193922
## 1196	chr2 29193339	-	T	18	chr2:29190991-29193922
## 1197	chr2 29193340	+	T	229	chr2:29190991-29193922
## 1198	chr2 29193340	-	T	17	chr2:29190991-29193922
## 1199	chr2 29193341	+	G	232	chr2:29190991-29193922
## 1200	chr2 29193341	-	G	16	chr2:29190991-29193922
## 1201	chr2 29193342	+	A	230	chr2:29190991-29193922
## 1202	chr2 29193342	-	A	16	chr2:29190991-29193922
## 1203	chr2 29193343	+	C	232	chr2:29190991-29193922
## 1204	chr2 29193343	-	C	16	chr2:29190991-29193922
## 1205	chr2 29193343	+	T	2	chr2:29190991-29193922
## 1206	chr2 29193344	+	A	229	chr2:29190991-29193922
## 1207	chr2 29193344	-	A	16	chr2:29190991-29193922
## 1208	chr2 29193345	+	T	232	chr2:29190991-29193922
## 1209	chr2 29193345	-	T	15	chr2:29190991-29193922
## 1210	chr2 29193346	+	T	230	chr2:29190991-29193922

## 1211	chr2 29193346	-	T	15	chr2:29190991-29193922
## 1212	chr2 29193347	+	C	233	chr2:29190991-29193922
## 1213	chr2 29193347	-	C	15	chr2:29190991-29193922
## 1214	chr2 29193348	+	C	230	chr2:29190991-29193922
## 1215	chr2 29193348	-	C	15	chr2:29190991-29193922
## 1216	chr2 29193349	+	A	1	chr2:29190991-29193922
## 1217	chr2 29193349	+	C	230	chr2:29190991-29193922
## 1218	chr2 29193349	-	C	15	chr2:29190991-29193922
## 1219	chr2 29193350	+	A	234	chr2:29190991-29193922
## 1220	chr2 29193350	-	A	15	chr2:29190991-29193922
## 1221	chr2 29193351	+	A	1	chr2:29190991-29193922
## 1222	chr2 29193351	+	C	231	chr2:29190991-29193922
## 1223	chr2 29193351	-	C	15	chr2:29190991-29193922
## 1224	chr2 29193352	+	A	231	chr2:29190991-29193922
## 1225	chr2 29193352	-	A	16	chr2:29190991-29193922
## 1226	chr2 29193353	+	A	234	chr2:29190991-29193922
## 1227	chr2 29193353	-	A	16	chr2:29190991-29193922
## 1228	chr2 29193354	+	G	228	chr2:29190991-29193922
## 1229	chr2 29193354	-	G	16	chr2:29190991-29193922
## 1230	chr2 29193355	+	G	230	chr2:29190991-29193922
## 1231	chr2 29193355	-	G	12	chr2:29190991-29193922
## 1232	chr2 29193356	+	G	231	chr2:29190991-29193922
## 1233	chr2 29193356	-	G	12	chr2:29190991-29193922
## 1234	chr2 29193357	+	A	236	chr2:29190991-29193922
## 1235	chr2 29193357	-	A	12	chr2:29190991-29193922
## 1236	chr2 29193358	+	A	232	chr2:29190991-29193922
## 1237	chr2 29193358	-	A	12	chr2:29190991-29193922
## 1238	chr2 29193359	+	G	236	chr2:29190991-29193922
## 1239	chr2 29193359	-	G	12	chr2:29190991-29193922
## 1240	chr2 29193360	+	T	228	chr2:29190991-29193922
## 1241	chr2 29193360	-	T	10	chr2:29190991-29193922
## 1242	chr2 29193361	+	G	237	chr2:29190991-29193922
## 1243	chr2 29193361	-	G	10	chr2:29190991-29193922
## 1244	chr2 29193362	+	A	240	chr2:29190991-29193922
## 1245	chr2 29193362	-	A	10	chr2:29190991-29193922
## 1246	chr2 29193363	+	C	238	chr2:29190991-29193922
## 1247	chr2 29193363	-	C	10	chr2:29190991-29193922
## 1248	chr2 29193363	+	T	3	chr2:29190991-29193922
## 1249	chr2 29193364	+	A	2	chr2:29190991-29193922
## 1250	chr2 29193364	+	G	238	chr2:29190991-29193922
## 1251	chr2 29193364	-	G	10	chr2:29190991-29193922
## 1252	chr2 29193365	+	T	240	chr2:29190991-29193922
## 1253	chr2 29193365	-	T	10	chr2:29190991-29193922
## 1254	chr2 29193366	+	A	240	chr2:29190991-29193922
## 1255	chr2 29193366	-	A	10	chr2:29190991-29193922
## 1256	chr2 29193367	+	G	240	chr2:29190991-29193922
## 1257	chr2 29193367	-	G	10	chr2:29190991-29193922
## 1258	chr2 29193368	+	C	237	chr2:29190991-29193922
## 1259	chr2 29193368	-	C	10	chr2:29190991-29193922
## 1260	chr2 29193369	+	C	240	chr2:29190991-29193922
## 1261	chr2 29193369	-	C	10	chr2:29190991-29193922
## 1262	chr2 29193370	+	T	240	chr2:29190991-29193922
## 1263	chr2 29193370	-	T	10	chr2:29190991-29193922
## 1264	chr2 29193371	+	-	1	chr2:29190991-29193922

## 1265	chr2 29193371	+	G	237	chr2:29190991-29193922
## 1266	chr2 29193371	-	G	10	chr2:29190991-29193922
## 1267	chr2 29193372	+	A	235	chr2:29190991-29193922
## 1268	chr2 29193372	-	A	10	chr2:29190991-29193922
## 1269	chr2 29193373	+	A	238	chr2:29190991-29193922
## 1270	chr2 29193373	-	A	10	chr2:29190991-29193922
## 1271	chr2 29193374	+	C	240	chr2:29190991-29193922
## 1272	chr2 29193374	-	C	10	chr2:29190991-29193922
## 1273	chr2 29193375	+	A	240	chr2:29190991-29193922
## 1274	chr2 29193375	-	A	10	chr2:29190991-29193922
## 1275	chr2 29193376	+	C	1	chr2:29190991-29193922
## 1276	chr2 29193376	+	G	239	chr2:29190991-29193922
## 1277	chr2 29193376	-	G	10	chr2:29190991-29193922
## 1278	chr2 29193377	+	A	240	chr2:29190991-29193922
## 1279	chr2 29193377	-	A	10	chr2:29190991-29193922
## 1280	chr2 29193378	+	A	1	chr2:29190991-29193922
## 1281	chr2 29193378	+	G	237	chr2:29190991-29193922
## 1282	chr2 29193378	-	G	10	chr2:29190991-29193922
## 1283	chr2 29193378	+	T	2	chr2:29190991-29193922
## 1284	chr2 29193379	+	G	240	chr2:29190991-29193922
## 1285	chr2 29193379	-	G	10	chr2:29190991-29193922
## 1286	chr2 29193380	+	T	240	chr2:29190991-29193922
## 1287	chr2 29193380	-	T	10	chr2:29190991-29193922
## 1288	chr2 29193381	+	A	238	chr2:29190991-29193922
## 1289	chr2 29193381	-	A	10	chr2:29190991-29193922
## 1290	chr2 29193382	+	C	238	chr2:29190991-29193922
## 1291	chr2 29193382	-	C	10	chr2:29190991-29193922
## 1292	chr2 29193383	+	C	238	chr2:29190991-29193922
## 1293	chr2 29193383	-	C	10	chr2:29190991-29193922
## 1294	chr2 29193384	+	T	236	chr2:29190991-29193922
## 1295	chr2 29193384	-	T	10	chr2:29190991-29193922
## 1296	chr2 29193385	+	C	235	chr2:29190991-29193922
## 1297	chr2 29193385	-	C	10	chr2:29190991-29193922
## 1298	chr2 29193386	+	A	1	chr2:29190991-29193922
## 1299	chr2 29193386	+	C	236	chr2:29190991-29193922
## 1300	chr2 29193386	-	C	10	chr2:29190991-29193922
## 1301	chr2 29193387	+	T	239	chr2:29190991-29193922
## 1302	chr2 29193387	-	T	10	chr2:29190991-29193922
## 1303	chr2 29193388	+	T	240	chr2:29190991-29193922
## 1304	chr2 29193388	-	T	10	chr2:29190991-29193922
## 1305	chr2 29193389	+	C	240	chr2:29190991-29193922
## 1306	chr2 29193389	-	C	10	chr2:29190991-29193922
## 1307	chr2 29193390	+	A	236	chr2:29190991-29193922
## 1308	chr2 29193390	-	A	10	chr2:29190991-29193922
## 1309	chr2 29193391	+	T	239	chr2:29190991-29193922
## 1310	chr2 29193391	-	T	10	chr2:29190991-29193922
## 1311	chr2 29193392	+	A	239	chr2:29190991-29193922
## 1312	chr2 29193392	-	A	10	chr2:29190991-29193922
## 1313	chr2 29193393	+	T	240	chr2:29190991-29193922
## 1314	chr2 29193393	-	T	10	chr2:29190991-29193922
## 1315	chr2 29193394	+	A	1	chr2:29190991-29193922
## 1316	chr2 29193394	+	T	239	chr2:29190991-29193922
## 1317	chr2 29193394	-	T	10	chr2:29190991-29193922
## 1318	chr2 29193395	+	G	240	chr2:29190991-29193922

## 1319	chr2 29193395	-	G	10	chr2:29190991-29193922
## 1320	chr2 29193396	+	G	240	chr2:29190991-29193922
## 1321	chr2 29193396	-	G	10	chr2:29190991-29193922
## 1322	chr2 29193397	+	C	236	chr2:29190991-29193922
## 1323	chr2 29193397	-	C	10	chr2:29190991-29193922
## 1324	chr2 29193398	+	A	239	chr2:29190991-29193922
## 1325	chr2 29193398	-	A	10	chr2:29190991-29193922
## 1326	chr2 29193399	+	A	1	chr2:29190991-29193922
## 1327	chr2 29193399	+	G	236	chr2:29190991-29193922
## 1328	chr2 29193399	-	G	9	chr2:29190991-29193922
## 1329	chr2 29193400	+	T	238	chr2:29190991-29193922
## 1330	chr2 29193400	-	T	9	chr2:29190991-29193922
## 1331	chr2 29193401	+	C	241	chr2:29190991-29193922
## 1332	chr2 29193401	-	C	9	chr2:29190991-29193922
## 1333	chr2 29193402	+	A	238	chr2:29190991-29193922
## 1334	chr2 29193402	-	A	9	chr2:29190991-29193922
## 1335	chr2 29193403	+	G	241	chr2:29190991-29193922
## 1336	chr2 29193403	-	G	7	chr2:29190991-29193922
## 1337	chr2 29193404	+	C	238	chr2:29190991-29193922
## 1338	chr2 29193404	-	C	7	chr2:29190991-29193922
## 1339	chr2 29193404	+	T	4	chr2:29190991-29193922
## 1340	chr2 29193405	+	G	243	chr2:29190991-29193922
## 1341	chr2 29193405	-	G	7	chr2:29190991-29193922
## 1342	chr2 29193406	+	A	238	chr2:29190991-29193922
## 1343	chr2 29193406	-	A	7	chr2:29190991-29193922
## 1344	chr2 29193406	+	G	1	chr2:29190991-29193922
## 1345	chr2 29193407	+	A	236	chr2:29190991-29193922
## 1346	chr2 29193407	-	A	7	chr2:29190991-29193922
## 1347	chr2 29193408	+	G	240	chr2:29190991-29193922
## 1348	chr2 29193408	-	G	4	chr2:29190991-29193922
## 1349	chr2 29193409	+	A	241	chr2:29190991-29193922
## 1350	chr2 29193409	-	A	4	chr2:29190991-29193922
## 1351	chr2 29193410	+	G	242	chr2:29190991-29193922
## 1352	chr2 29193410	-	G	4	chr2:29190991-29193922
## 1353	chr2 29193410	+	T	1	chr2:29190991-29193922
## 1354	chr2 29193411	+	G	246	chr2:29190991-29193922
## 1355	chr2 29193411	-	G	4	chr2:29190991-29193922
## 1356	chr2 29193412	+	G	241	chr2:29190991-29193922
## 1357	chr2 29193412	-	G	4	chr2:29190991-29193922
## 1358	chr2 29193413	+	C	242	chr2:29190991-29193922
## 1359	chr2 29193413	-	C	4	chr2:29190991-29193922
## 1360	chr2 29193414	+	T	247	chr2:29190991-29193922
## 1361	chr2 29193414	-	T	4	chr2:29190991-29193922
## 1362	chr2 29193415	+	C	245	chr2:29190991-29193922
## 1363	chr2 29193415	-	C	4	chr2:29190991-29193922
## 1364	chr2 29193415	+	T	1	chr2:29190991-29193922
## 1365	chr2 29193416	+	T	242	chr2:29190991-29193922
## 1366	chr2 29193416	-	T	4	chr2:29190991-29193922
## 1367	chr2 29193417	+	A	244	chr2:29190991-29193922
## 1368	chr2 29193417	-	A	4	chr2:29190991-29193922
## 1369	chr2 29193418	+	G	241	chr2:29190991-29193922
## 1370	chr2 29193418	-	G	4	chr2:29190991-29193922
## 1371	chr2 29193419	+	G	246	chr2:29190991-29193922
## 1372	chr2 29193419	-	G	4	chr2:29190991-29193922

## 1373	chr2 29193420	+	A	241	chr2:29190991-29193922
## 1374	chr2 29193420	-	A	4	chr2:29190991-29193922
## 1375	chr2 29193421	+	G	240	chr2:29190991-29193922
## 1376	chr2 29193421	-	G	7	chr2:29190991-29193922
## 1377	chr2 29193422	+	C	240	chr2:29190991-29193922
## 1378	chr2 29193422	-	C	4	chr2:29190991-29193922
## 1379	chr2 29193423	+	A	244	chr2:29190991-29193922
## 1380	chr2 29193423	-	A	4	chr2:29190991-29193922
## 1381	chr2 29193424	+	G	241	chr2:29190991-29193922
## 1382	chr2 29193424	-	G	4	chr2:29190991-29193922
## 1383	chr2 29193425	+	A	1	chr2:29190991-29193922
## 1384	chr2 29193425	+	T	241	chr2:29190991-29193922
## 1385	chr2 29193425	-	T	4	chr2:29190991-29193922
## 1386	chr2 29193426	+	G	245	chr2:29190991-29193922
## 1387	chr2 29193426	-	G	4	chr2:29190991-29193922
## 1388	chr2 29193427	+	A	244	chr2:29190991-29193922
## 1389	chr2 29193427	-	A	3	chr2:29190991-29193922
## 1390	chr2 29193428	+	G	245	chr2:29190991-29193922
## 1391	chr2 29193428	-	G	3	chr2:29190991-29193922
## 1392	chr2 29193429	+	G	247	chr2:29190991-29193922
## 1393	chr2 29193429	-	G	3	chr2:29190991-29193922
## 1394	chr2 29193430	+	C	241	chr2:29190991-29193922
## 1395	chr2 29193430	-	C	3	chr2:29190991-29193922
## 1396	chr2 29193431	+	C	236	chr2:29190991-29193922
## 1397	chr2 29193431	-	C	7	chr2:29190991-29193922
## 1398	chr2 29193432	+	A	1	chr2:29190991-29193922
## 1399	chr2 29193432	+	C	235	chr2:29190991-29193922
## 1400	chr2 29193432	-	C	7	chr2:29190991-29193922
## 1401	chr2 29193433	+	C	239	chr2:29190991-29193922
## 1402	chr2 29193433	-	C	9	chr2:29190991-29193922
## 1403	chr2 29193434	+	C	233	chr2:29190991-29193922
## 1404	chr2 29193434	-	C	9	chr2:29190991-29193922
## 1405	chr2 29193434	+	T	2	chr2:29190991-29193922
## 1406	chr2 29193435	+	C	1	chr2:29190991-29193922
## 1407	chr2 29193435	+	G	238	chr2:29190991-29193922
## 1408	chr2 29193435	-	G	9	chr2:29190991-29193922
## 1409	chr2 29193436	+	G	229	chr2:29190991-29193922
## 1410	chr2 29193436	-	G	9	chr2:29190991-29193922
## 1411	chr2 29193437	+	A	238	chr2:29190991-29193922
## 1412	chr2 29193437	-	A	9	chr2:29190991-29193922
## 1413	chr2 29193438	+	A	240	chr2:29190991-29193922
## 1414	chr2 29193438	-	A	9	chr2:29190991-29193922
## 1415	chr2 29193439	+	G	241	chr2:29190991-29193922
## 1416	chr2 29193439	-	G	9	chr2:29190991-29193922
## 1417	chr2 29193440	+	T	240	chr2:29190991-29193922
## 1418	chr2 29193440	-	T	9	chr2:29190991-29193922
## 1419	chr2 29193441	+	C	241	chr2:29190991-29193922
## 1420	chr2 29193441	-	C	9	chr2:29190991-29193922
## 1421	chr2 29193442	+	T	241	chr2:29190991-29193922
## 1422	chr2 29193442	-	T	9	chr2:29190991-29193922
## 1423	chr2 29193443	+	A	1	chr2:29190991-29193922
## 1424	chr2 29193443	+	C	240	chr2:29190991-29193922
## 1425	chr2 29193443	-	C	9	chr2:29190991-29193922
## 1426	chr2 29193444	+	C	237	chr2:29190991-29193922

## 1427	chr2 29193444	-	C	9	chr2:29190991-29193922
## 1428	chr2 29193444	+	G	1	chr2:29190991-29193922
## 1429	chr2 29193445	+	A	1	chr2:29190991-29193922
## 1430	chr2 29193445	+	C	240	chr2:29190991-29193922
## 1431	chr2 29193445	-	C	9	chr2:29190991-29193922
## 1432	chr2 29193446	+	A	241	chr2:29190991-29193922
## 1433	chr2 29193446	-	A	9	chr2:29190991-29193922
## 1434	chr2 29193447	+	G	241	chr2:29190991-29193922
## 1435	chr2 29193447	-	G	9	chr2:29190991-29193922
## 1436	chr2 29193448	+	T	237	chr2:29190991-29193922
## 1437	chr2 29193448	-	T	9	chr2:29190991-29193922
## 1438	chr2 29193449	+	T	238	chr2:29190991-29193922
## 1439	chr2 29193449	-	T	9	chr2:29190991-29193922
## 1440	chr2 29193450	+	G	242	chr2:29190991-29193922
## 1441	chr2 29193450	-	G	9	chr2:29190991-29193922
## 1442	chr2 29193451	-	A	1	chr2:29190991-29193922
## 1443	chr2 29193451	+	C	241	chr2:29190991-29193922
## 1444	chr2 29193451	-	C	8	chr2:29190991-29193922
## 1445	chr2 29193451	+	T	1	chr2:29190991-29193922
## 1446	chr2 29193452	+	A	241	chr2:29190991-29193922
## 1447	chr2 29193452	-	A	9	chr2:29190991-29193922
## 1448	chr2 29193452	+	G	1	chr2:29190991-29193922
## 1449	chr2 29193453	+	A	242	chr2:29190991-29193922
## 1450	chr2 29193453	-	A	9	chr2:29190991-29193922
## 1451	chr2 29193454	+	C	240	chr2:29190991-29193922
## 1452	chr2 29193454	-	C	9	chr2:29190991-29193922
## 1453	chr2 29193454	+	T	2	chr2:29190991-29193922
## 1454	chr2 29193455	+	G	242	chr2:29190991-29193922
## 1455	chr2 29193455	-	G	9	chr2:29190991-29193922
## 1456	chr2 29193456	+	T	242	chr2:29190991-29193922
## 1457	chr2 29193456	-	T	9	chr2:29190991-29193922
## 1458	chr2 29193457	+	T	240	chr2:29190991-29193922
## 1459	chr2 29193457	-	T	9	chr2:29190991-29193922
## 1460	chr2 29193458	+	-	1	chr2:29190991-29193922
## 1461	chr2 29193458	+	A	238	chr2:29190991-29193922
## 1462	chr2 29193458	-	A	9	chr2:29190991-29193922
## 1463	chr2 29193459	+	G	239	chr2:29190991-29193922
## 1464	chr2 29193459	-	G	9	chr2:29190991-29193922
## 1465	chr2 29193460	+	G	237	chr2:29190991-29193922
## 1466	chr2 29193460	-	G	9	chr2:29190991-29193922
## 1467	chr2 29193461	+	T	236	chr2:29190991-29193922
## 1468	chr2 29193461	-	T	9	chr2:29190991-29193922
## 1469	chr2 29193462	+	G	232	chr2:29190991-29193922
## 1470	chr2 29193462	-	G	15	chr2:29190991-29193922
## 1471	chr2 29193463	+	G	234	chr2:29190991-29193922
## 1472	chr2 29193463	-	G	15	chr2:29190991-29193922
## 1473	chr2 29193464	+	G	235	chr2:29190991-29193922
## 1474	chr2 29193464	-	G	15	chr2:29190991-29193922
## 1475	chr2 29193465	+	A	235	chr2:29190991-29193922
## 1476	chr2 29193465	-	A	15	chr2:29190991-29193922
## 1477	chr2 29193466	+	C	231	chr2:29190991-29193922
## 1478	chr2 29193466	-	C	15	chr2:29190991-29193922
## 1479	chr2 29193467	+	A	234	chr2:29190991-29193922
## 1480	chr2 29193467	-	A	15	chr2:29190991-29193922

## 1481	chr2 29193468	+	G	234	chr2:29190991-29193922
## 1482	chr2 29193468	-	G	15	chr2:29190991-29193922
## 1483	chr2 29193469	+	T	235	chr2:29190991-29193922
## 1484	chr2 29193469	-	T	15	chr2:29190991-29193922
## 1485	chr2 29193470	+	A	235	chr2:29190991-29193922
## 1486	chr2 29193470	-	A	15	chr2:29190991-29193922
## 1487	chr2 29193471	+	C	235	chr2:29190991-29193922
## 1488	chr2 29193471	-	C	15	chr2:29190991-29193922
## 1489	chr2 29193472	+	A	235	chr2:29190991-29193922
## 1490	chr2 29193472	-	A	15	chr2:29190991-29193922
## 1491	chr2 29193473	+	G	231	chr2:29190991-29193922
## 1492	chr2 29193473	-	G	15	chr2:29190991-29193922
## 1493	chr2 29193474	+	C	234	chr2:29190991-29193922
## 1494	chr2 29193474	-	C	15	chr2:29190991-29193922
## 1495	chr2 29193475	+	T	231	chr2:29190991-29193922
## 1496	chr2 29193475	-	T	15	chr2:29190991-29193922
## 1497	chr2 29193476	+	A	1	chr2:29190991-29193922
## 1498	chr2 29193476	+	T	230	chr2:29190991-29193922
## 1499	chr2 29193476	-	T	16	chr2:29190991-29193922
## 1500	chr2 29193477	+	A	2	chr2:29190991-29193922
## 1501	chr2 29193477	+	C	228	chr2:29190991-29193922
## 1502	chr2 29193477	-	C	20	chr2:29190991-29193922
## 1503	chr2 29193478	+	C	227	chr2:29190991-29193922
## 1504	chr2 29193478	-	C	20	chr2:29190991-29193922
## 1505	chr2 29193478	+	T	1	chr2:29190991-29193922
## 1506	chr2 29193479	+	C	227	chr2:29190991-29193922
## 1507	chr2 29193479	-	C	20	chr2:29190991-29193922
## 1508	chr2 29193480	+	T	229	chr2:29190991-29193922
## 1509	chr2 29193480	-	T	20	chr2:29190991-29193922
## 1510	chr2 29193481	+	C	230	chr2:29190991-29193922
## 1511	chr2 29193481	-	C	20	chr2:29190991-29193922
## 1512	chr2 29193482	+	C	226	chr2:29190991-29193922
## 1513	chr2 29193482	-	C	19	chr2:29190991-29193922
## 1514	chr2 29193483	+	A	224	chr2:29190991-29193922
## 1515	chr2 29193483	-	A	19	chr2:29190991-29193922
## 1516	chr2 29193484	+	G	225	chr2:29190991-29193922
## 1517	chr2 29193484	-	G	19	chr2:29190991-29193922
## 1518	chr2 29193485	+	C	225	chr2:29190991-29193922
## 1519	chr2 29193485	-	C	19	chr2:29190991-29193922
## 1520	chr2 29193486	+	C	228	chr2:29190991-29193922
## 1521	chr2 29193486	-	C	19	chr2:29190991-29193922
## 1522	chr2 29193487	+	C	231	chr2:29190991-29193922
## 1523	chr2 29193487	-	C	19	chr2:29190991-29193922
## 1524	chr2 29193488	+	C	225	chr2:29190991-29193922
## 1525	chr2 29193488	-	C	19	chr2:29190991-29193922
## 1526	chr2 29193489	+	A	227	chr2:29190991-29193922
## 1527	chr2 29193489	-	A	19	chr2:29190991-29193922
## 1528	chr2 29193490	+	G	231	chr2:29190991-29193922
## 1529	chr2 29193490	-	G	19	chr2:29190991-29193922
## 1530	chr2 29193491	+	G	231	chr2:29190991-29193922
## 1531	chr2 29193491	-	G	18	chr2:29190991-29193922
## 1532	chr2 29193492	+	T	228	chr2:29190991-29193922
## 1533	chr2 29193492	-	T	18	chr2:29190991-29193922
## 1534	chr2 29193493	+	T	230	chr2:29190991-29193922

## 1535	chr2 29193493	-	T	18	chr2:29190991-29193922
## 1536	chr2 29193494	+	A	227	chr2:29190991-29193922
## 1537	chr2 29193494	-	A	18	chr2:29190991-29193922
## 1538	chr2 29193495	+	C	230	chr2:29190991-29193922
## 1539	chr2 29193495	-	C	18	chr2:29190991-29193922
## 1540	chr2 29193496	+	C	230	chr2:29190991-29193922
## 1541	chr2 29193496	-	C	16	chr2:29190991-29193922
## 1542	chr2 29193497	+	C	231	chr2:29190991-29193922
## 1543	chr2 29193497	-	C	16	chr2:29190991-29193922
## 1544	chr2 29193498	+	C	228	chr2:29190991-29193922
## 1545	chr2 29193498	-	C	16	chr2:29190991-29193922
## 1546	chr2 29193499	+	T	229	chr2:29190991-29193922
## 1547	chr2 29193499	-	T	18	chr2:29190991-29193922
## 1548	chr2 29193500	+	G	223	chr2:29190991-29193922
## 1549	chr2 29193500	-	G	20	chr2:29190991-29193922
## 1550	chr2 29193500	+	T	1	chr2:29190991-29193922
## 1551	chr2 29193501	+	T	226	chr2:29190991-29193922
## 1552	chr2 29193501	-	T	20	chr2:29190991-29193922
## 1553	chr2 29193502	+	C	229	chr2:29190991-29193922
## 1554	chr2 29193502	-	C	20	chr2:29190991-29193922
## 1555	chr2 29193502	+	T	1	chr2:29190991-29193922
## 1556	chr2 29193503	+	A	1	chr2:29190991-29193922
## 1557	chr2 29193503	+	G	227	chr2:29190991-29193922
## 1558	chr2 29193503	-	G	20	chr2:29190991-29193922
## 1559	chr2 29193504	+	T	228	chr2:29190991-29193922
## 1560	chr2 29193504	-	T	20	chr2:29190991-29193922
## 1561	chr2 29193505	+	G	230	chr2:29190991-29193922
## 1562	chr2 29193505	-	G	20	chr2:29190991-29193922
## 1563	chr2 29193506	+	T	228	chr2:29190991-29193922
## 1564	chr2 29193506	-	T	16	chr2:29190991-29193922
## 1565	chr2 29193507	+	G	227	chr2:29190991-29193922
## 1566	chr2 29193507	-	G	16	chr2:29190991-29193922
## 1567	chr2 29193508	+	G	230	chr2:29190991-29193922
## 1568	chr2 29193508	-	G	15	chr2:29190991-29193922
## 1569	chr2 29193509	+	C	233	chr2:29190991-29193922
## 1570	chr2 29193509	-	C	15	chr2:29190991-29193922
## 1571	chr2 29193510	+	T	229	chr2:29190991-29193922
## 1572	chr2 29193510	-	T	15	chr2:29190991-29193922
## 1573	chr2 29193511	+	C	231	chr2:29190991-29193922
## 1574	chr2 29193511	-	C	16	chr2:29190991-29193922
## 1575	chr2 29193512	+	A	1	chr2:29190991-29193922
## 1576	chr2 29193512	+	C	223	chr2:29190991-29193922
## 1577	chr2 29193512	-	C	16	chr2:29190991-29193922
## 1578	chr2 29193513	+	T	230	chr2:29190991-29193922
## 1579	chr2 29193513	-	T	16	chr2:29190991-29193922
## 1580	chr2 29193514	+	G	1	chr2:29190991-29193922
## 1581	chr2 29193514	+	T	232	chr2:29190991-29193922
## 1582	chr2 29193514	-	T	16	chr2:29190991-29193922
## 1583	chr2 29193515	+	C	234	chr2:29190991-29193922
## 1584	chr2 29193515	-	C	16	chr2:29190991-29193922
## 1585	chr2 29193516	+	T	233	chr2:29190991-29193922
## 1586	chr2 29193516	-	T	16	chr2:29190991-29193922
## 1587	chr2 29193517	+	A	1	chr2:29190991-29193922
## 1588	chr2 29193517	+	T	233	chr2:29190991-29193922

## 1589	chr2 29193517	-	T	16	chr2:29190991-29193922
## 1590	chr2 29193518	+	T	233	chr2:29190991-29193922
## 1591	chr2 29193518	-	T	16	chr2:29190991-29193922
## 1592	chr2 29193519	+	G	234	chr2:29190991-29193922
## 1593	chr2 29193519	-	G	16	chr2:29190991-29193922
## 1594	chr2 29193519	+	T	1	chr2:29190991-29193922
## 1595	chr2 29193520	+	C	232	chr2:29190991-29193922
## 1596	chr2 29193520	-	C	16	chr2:29190991-29193922
## 1597	chr2 29193521	+	T	234	chr2:29190991-29193922
## 1598	chr2 29193521	-	T	16	chr2:29190991-29193922
## 1599	chr2 29193522	+	A	234	chr2:29190991-29193922
## 1600	chr2 29193522	-	A	16	chr2:29190991-29193922
## 1601	chr2 29193523	+	T	234	chr2:29190991-29193922
## 1602	chr2 29193523	-	T	16	chr2:29190991-29193922
## 1603	chr2 29193524	+	A	230	chr2:29190991-29193922
## 1604	chr2 29193524	-	A	17	chr2:29190991-29193922
## 1605	chr2 29193525	+	G	230	chr2:29190991-29193922
## 1606	chr2 29193525	-	G	17	chr2:29190991-29193922
## 1607	chr2 29193526	+	G	233	chr2:29190991-29193922
## 1608	chr2 29193526	-	G	17	chr2:29190991-29193922
## 1609	chr2 29193527	+	A	232	chr2:29190991-29193922
## 1610	chr2 29193527	-	A	17	chr2:29190991-29193922
## 1611	chr2 29193527	+	G	1	chr2:29190991-29193922
## 1612	chr2 29193528	+	T	233	chr2:29190991-29193922
## 1613	chr2 29193528	-	T	17	chr2:29190991-29193922
## 1614	chr2 29193529	+	T	233	chr2:29190991-29193922
## 1615	chr2 29193529	-	T	17	chr2:29190991-29193922
## 1616	chr2 29193530	+	A	233	chr2:29190991-29193922
## 1617	chr2 29193530	-	A	17	chr2:29190991-29193922
## 1618	chr2 29193531	+	T	232	chr2:29190991-29193922
## 1619	chr2 29193531	-	T	17	chr2:29190991-29193922
## 1620	chr2 29193532	+	T	233	chr2:29190991-29193922
## 1621	chr2 29193532	-	T	17	chr2:29190991-29193922
## 1622	chr2 29193533	+	C	231	chr2:29190991-29193922
## 1623	chr2 29193533	-	C	17	chr2:29190991-29193922
## 1624	chr2 29193534	+	T	231	chr2:29190991-29193922
## 1625	chr2 29193534	-	T	17	chr2:29190991-29193922
## 1626	chr2 29193535	+	T	231	chr2:29190991-29193922
## 1627	chr2 29193535	-	T	17	chr2:29190991-29193922
## 1628	chr2 29193536	+	T	231	chr2:29190991-29193922
## 1629	chr2 29193536	-	T	16	chr2:29190991-29193922
## 1630	chr2 29193537	+	T	235	chr2:29190991-29193922
## 1631	chr2 29193537	-	T	11	chr2:29190991-29193922
## 1632	chr2 29193538	+	T	236	chr2:29190991-29193922
## 1633	chr2 29193538	-	T	11	chr2:29190991-29193922
## 1634	chr2 29193539	+	G	238	chr2:29190991-29193922
## 1635	chr2 29193539	-	G	11	chr2:29190991-29193922
## 1636	chr2 29193540	+	G	239	chr2:29190991-29193922
## 1637	chr2 29193540	-	G	11	chr2:29190991-29193922
## 1638	chr2 29193541	+	T	238	chr2:29190991-29193922
## 1639	chr2 29193541	-	T	11	chr2:29190991-29193922
## 1640	chr2 29193542	+	G	236	chr2:29190991-29193922
## 1641	chr2 29193542	-	G	11	chr2:29190991-29193922
## 1642	chr2 29193543	+	G	238	chr2:29190991-29193922

## 1643	chr2 29193543	-	G	11	chr2:29190991-29193922
## 1644	chr2 29193544	+	A	1	chr2:29190991-29193922
## 1645	chr2 29193544	+	G	237	chr2:29190991-29193922
## 1646	chr2 29193544	-	G	11	chr2:29190991-29193922
## 1647	chr2 29193545	+	T	239	chr2:29190991-29193922
## 1648	chr2 29193545	-	T	11	chr2:29190991-29193922
## 1649	chr2 29193546	+	A	1	chr2:29190991-29193922
## 1650	chr2 29193546	+	C	1	chr2:29190991-29193922
## 1651	chr2 29193546	+	T	237	chr2:29190991-29193922
## 1652	chr2 29193546	-	T	11	chr2:29190991-29193922
## 1653	chr2 29193547	+	T	239	chr2:29190991-29193922
## 1654	chr2 29193547	-	T	11	chr2:29190991-29193922
## 1655	chr2 29193548	+	C	239	chr2:29190991-29193922
## 1656	chr2 29193548	-	C	11	chr2:29190991-29193922
## 1657	chr2 29193549	+	T	235	chr2:29190991-29193922
## 1658	chr2 29193549	-	T	11	chr2:29190991-29193922
## 1659	chr2 29193550	+	C	238	chr2:29190991-29193922
## 1660	chr2 29193550	-	C	11	chr2:29190991-29193922
## 1661	chr2 29193551	+	A	1	chr2:29190991-29193922
## 1662	chr2 29193551	+	T	235	chr2:29190991-29193922
## 1663	chr2 29193551	-	T	10	chr2:29190991-29193922
## 1664	chr2 29193552	+	G	240	chr2:29190991-29193922
## 1665	chr2 29193552	-	G	6	chr2:29190991-29193922
## 1666	chr2 29193553	+	T	244	chr2:29190991-29193922
## 1667	chr2 29193553	-	T	6	chr2:29190991-29193922
## 1668	chr2 29193554	+	-	1	chr2:29190991-29193922
## 1669	chr2 29193554	+	A	240	chr2:29190991-29193922
## 1670	chr2 29193554	-	A	6	chr2:29190991-29193922
## 1671	chr2 29193555	+	-	1	chr2:29190991-29193922
## 1672	chr2 29193555	+	A	241	chr2:29190991-29193922
## 1673	chr2 29193555	-	A	6	chr2:29190991-29193922
## 1674	chr2 29193556	+	A	243	chr2:29190991-29193922
## 1675	chr2 29193556	-	A	6	chr2:29190991-29193922
## 1676	chr2 29193557	+	C	244	chr2:29190991-29193922
## 1677	chr2 29193557	-	C	6	chr2:29190991-29193922
## 1678	chr2 29193558	+	C	239	chr2:29190991-29193922
## 1679	chr2 29193558	-	C	6	chr2:29190991-29193922
## 1680	chr2 29193559	+	A	237	chr2:29190991-29193922
## 1681	chr2 29193559	-	A	8	chr2:29190991-29193922
## 1682	chr2 29193560	+	G	236	chr2:29190991-29193922
## 1683	chr2 29193560	-	G	8	chr2:29190991-29193922
## 1684	chr2 29193561	+	A	1	chr2:29190991-29193922
## 1685	chr2 29193561	+	G	235	chr2:29190991-29193922
## 1686	chr2 29193561	-	G	8	chr2:29190991-29193922
## 1687	chr2 29193562	+	A	239	chr2:29190991-29193922
## 1688	chr2 29193562	-	A	8	chr2:29190991-29193922
## 1689	chr2 29193563	+	G	242	chr2:29190991-29193922
## 1690	chr2 29193563	-	G	8	chr2:29190991-29193922
## 1691	chr2 29193564	+	C	237	chr2:29190991-29193922
## 1692	chr2 29193564	-	C	8	chr2:29190991-29193922
## 1693	chr2 29193565	+	C	238	chr2:29190991-29193922
## 1694	chr2 29193565	-	C	8	chr2:29190991-29193922
## 1695	chr2 29193566	+	G	241	chr2:29190991-29193922
## 1696	chr2 29193566	-	G	7	chr2:29190991-29193922

## 1697	chr2 29193566	+	T	1	chr2:29190991-29193922
## 1698	chr2 29193567	+	T	241	chr2:29190991-29193922
## 1699	chr2 29193567	-	T	7	chr2:29190991-29193922
## 1700	chr2 29193568	+	A	240	chr2:29190991-29193922
## 1701	chr2 29193568	-	A	7	chr2:29190991-29193922
## 1702	chr2 29193569	+	C	240	chr2:29190991-29193922
## 1703	chr2 29193569	-	C	7	chr2:29190991-29193922
## 1704	chr2 29193570	+	G	239	chr2:29190991-29193922
## 1705	chr2 29193570	-	G	7	chr2:29190991-29193922
## 1706	chr2 29193571	+	T	241	chr2:29190991-29193922
## 1707	chr2 29193571	-	T	7	chr2:29190991-29193922
## 1708	chr2 29193572	+	T	239	chr2:29190991-29193922
## 1709	chr2 29193572	-	T	7	chr2:29190991-29193922
## 1710	chr2 29193573	+	G	239	chr2:29190991-29193922
## 1711	chr2 29193573	-	G	7	chr2:29190991-29193922
## 1712	chr2 29193574	+	G	238	chr2:29190991-29193922
## 1713	chr2 29193574	-	G	5	chr2:29190991-29193922
## 1714	chr2 29193574	+	T	2	chr2:29190991-29193922
## 1715	chr2 29193575	+	G	242	chr2:29190991-29193922
## 1716	chr2 29193575	-	G	6	chr2:29190991-29193922
## 1717	chr2 29193576	+	A	1	chr2:29190991-29193922
## 1718	chr2 29193576	+	T	236	chr2:29190991-29193922
## 1719	chr2 29193576	-	T	6	chr2:29190991-29193922
## 1720	chr2 29193577	+	T	239	chr2:29190991-29193922
## 1721	chr2 29193577	-	T	6	chr2:29190991-29193922
## 1722	chr2 29193578	+	C	241	chr2:29190991-29193922
## 1723	chr2 29193578	-	C	9	chr2:29190991-29193922
## 1724	chr2 29193579	+	C	239	chr2:29190991-29193922
## 1725	chr2 29193579	-	C	9	chr2:29190991-29193922
## 1726	chr2 29193580	+	A	239	chr2:29190991-29193922
## 1727	chr2 29193580	-	A	9	chr2:29190991-29193922
## 1728	chr2 29193581	+	C	241	chr2:29190991-29193922
## 1729	chr2 29193581	-	C	9	chr2:29190991-29193922
## 1730	chr2 29193582	+	A	235	chr2:29190991-29193922
## 1731	chr2 29193582	-	A	9	chr2:29190991-29193922
## 1732	chr2 29193583	+	A	234	chr2:29190991-29193922
## 1733	chr2 29193583	-	A	9	chr2:29190991-29193922
## 1734	chr2 29193584	+	G	236	chr2:29190991-29193922
## 1735	chr2 29193584	-	G	9	chr2:29190991-29193922
## 1736	chr2 29193585	+	C	240	chr2:29190991-29193922
## 1737	chr2 29193585	-	C	9	chr2:29190991-29193922
## 1738	chr2 29193586	+	T	236	chr2:29190991-29193922
## 1739	chr2 29193586	-	T	8	chr2:29190991-29193922
## 1740	chr2 29193587	+	A	1	chr2:29190991-29193922
## 1741	chr2 29193587	+	G	239	chr2:29190991-29193922
## 1742	chr2 29193587	-	G	8	chr2:29190991-29193922
## 1743	chr2 29193588	+	G	232	chr2:29190991-29193922
## 1744	chr2 29193588	-	G	8	chr2:29190991-29193922
## 1745	chr2 29193589	+	G	1	chr2:29190991-29193922
## 1746	chr2 29193589	+	T	237	chr2:29190991-29193922
## 1747	chr2 29193589	-	T	8	chr2:29190991-29193922
## 1748	chr2 29193590	+	G	239	chr2:29190991-29193922
## 1749	chr2 29193590	-	G	8	chr2:29190991-29193922
## 1750	chr2 29193591	+	G	242	chr2:29190991-29193922

## 1751	chr2 29193591	-	G	8	chr2:29190991-29193922
## 1752	chr2 29193592	+	G	241	chr2:29190991-29193922
## 1753	chr2 29193592	-	G	8	chr2:29190991-29193922
## 1754	chr2 29193593	+	C	241	chr2:29190991-29193922
## 1755	chr2 29193593	-	C	8	chr2:29190991-29193922
## 1756	chr2 29193593	+	T	1	chr2:29190991-29193922
## 1757	chr2 29193594	+	T	241	chr2:29190991-29193922
## 1758	chr2 29193594	-	T	8	chr2:29190991-29193922
## 1759	chr2 29193595	+	T	242	chr2:29190991-29193922
## 1760	chr2 29193595	-	T	8	chr2:29190991-29193922
## 1761	chr2 29193596	+	G	240	chr2:29190991-29193922
## 1762	chr2 29193596	-	G	8	chr2:29190991-29193922
## 1763	chr2 29193597	+	T	242	chr2:29190991-29193922
## 1764	chr2 29193597	-	T	8	chr2:29190991-29193922
## 1765	chr2 29193598	+	T	242	chr2:29190991-29193922
## 1766	chr2 29193598	-	T	8	chr2:29190991-29193922
## 1767	chr2 29193599	+	T	243	chr2:29190991-29193922
## 1768	chr2 29193599	-	T	7	chr2:29190991-29193922
## 1769	chr2 29193600	+	C	241	chr2:29190991-29193922
## 1770	chr2 29193600	-	C	7	chr2:29190991-29193922
## 1771	chr2 29193601	+	C	1	chr2:29190991-29193922
## 1772	chr2 29193601	+	T	239	chr2:29190991-29193922
## 1773	chr2 29193601	-	T	7	chr2:29190991-29193922
## 1774	chr2 29193602	+	G	242	chr2:29190991-29193922
## 1775	chr2 29193602	-	G	7	chr2:29190991-29193922
## 1776	chr2 29193603	+	G	243	chr2:29190991-29193922
## 1777	chr2 29193603	-	G	7	chr2:29190991-29193922
## 1778	chr2 29193604	+	A	243	chr2:29190991-29193922
## 1779	chr2 29193604	-	A	7	chr2:29190991-29193922
## 1780	chr2 29193605	+	T	243	chr2:29190991-29193922
## 1781	chr2 29193605	-	T	7	chr2:29190991-29193922
## 1782	chr2 29193606	+	C	243	chr2:29190991-29193922
## 1783	chr2 29193606	-	C	7	chr2:29190991-29193922
## 1784	chr2 29193607	+	C	241	chr2:29190991-29193922
## 1785	chr2 29193607	-	C	7	chr2:29190991-29193922
## 1786	chr2 29193607	+	T	1	chr2:29190991-29193922
## 1787	chr2 29193608	+	G	243	chr2:29190991-29193922
## 1788	chr2 29193608	-	G	7	chr2:29190991-29193922
## 1789	chr2 29193609	+	T	241	chr2:29190991-29193922
## 1790	chr2 29193609	-	T	7	chr2:29190991-29193922
## 1791	chr2 29193610	+	G	241	chr2:29190991-29193922
## 1792	chr2 29193610	-	G	7	chr2:29190991-29193922
## 1793	chr2 29193611	+	G	241	chr2:29190991-29193922
## 1794	chr2 29193611	-	G	7	chr2:29190991-29193922
## 1795	chr2 29193612	+	A	240	chr2:29190991-29193922
## 1796	chr2 29193612	-	A	7	chr2:29190991-29193922
## 1797	chr2 29193613	+	C	239	chr2:29190991-29193922
## 1798	chr2 29193613	-	C	7	chr2:29190991-29193922
## 1799	chr2 29193614	+	C	240	chr2:29190991-29193922
## 1800	chr2 29193614	-	C	7	chr2:29190991-29193922
## 1801	chr2 29193615	+	T	242	chr2:29190991-29193922
## 1802	chr2 29193615	-	T	7	chr2:29190991-29193922
## 1803	chr2 29193616	+	A	1	chr2:29190991-29193922
## 1804	chr2 29193616	+	T	242	chr2:29190991-29193922

## 1805	chr2 29193616	-	T	7	chr2:29190991-29193922
## 1806	chr2 29193617	+	G	241	chr2:29190991-29193922
## 1807	chr2 29193617	-	G	7	chr2:29190991-29193922
## 1808	chr2 29193618	+	A	1	chr2:29190991-29193922
## 1809	chr2 29193618	+	T	240	chr2:29190991-29193922
## 1810	chr2 29193618	-	T	7	chr2:29190991-29193922
## 1811	chr2 29193619	+	G	242	chr2:29190991-29193922
## 1812	chr2 29193619	-	G	7	chr2:29190991-29193922
## 1813	chr2 29193620	+	C	242	chr2:29190991-29193922
## 1814	chr2 29193620	-	C	7	chr2:29190991-29193922
## 1815	chr2 29193621	+	A	243	chr2:29190991-29193922
## 1816	chr2 29193621	-	A	7	chr2:29190991-29193922
## 1817	chr2 29193622	+	A	243	chr2:29190991-29193922
## 1818	chr2 29193622	-	A	7	chr2:29190991-29193922
## 1819	chr2 29193623	+	C	243	chr2:29190991-29193922
## 1820	chr2 29193623	-	C	7	chr2:29190991-29193922
## 1821	chr2 29193624	+	T	243	chr2:29190991-29193922
## 1822	chr2 29193624	-	T	7	chr2:29190991-29193922
## 1823	chr2 29193625	+	C	239	chr2:29190991-29193922
## 1824	chr2 29193625	-	C	7	chr2:29190991-29193922
## 1825	chr2 29193626	+	C	242	chr2:29190991-29193922
## 1826	chr2 29193626	-	C	7	chr2:29190991-29193922
## 1827	chr2 29193627	+	G	239	chr2:29190991-29193922
## 1828	chr2 29193627	-	G	7	chr2:29190991-29193922
## 1829	chr2 29193628	+	A	239	chr2:29190991-29193922
## 1830	chr2 29193628	-	A	7	chr2:29190991-29193922
## 1831	chr2 29193629	+	A	243	chr2:29190991-29193922
## 1832	chr2 29193629	-	A	7	chr2:29190991-29193922
## 1833	chr2 29193630	+	G	240	chr2:29190991-29193922
## 1834	chr2 29193630	-	G	7	chr2:29190991-29193922
## 1835	chr2 29193631	+	G	242	chr2:29190991-29193922
## 1836	chr2 29193631	-	G	7	chr2:29190991-29193922
## 1837	chr2 29193632	+	A	242	chr2:29190991-29193922
## 1838	chr2 29193632	-	A	7	chr2:29190991-29193922
## 1839	chr2 29193633	+	C	1	chr2:29190991-29193922
## 1840	chr2 29193633	+	G	242	chr2:29190991-29193922
## 1841	chr2 29193633	-	G	7	chr2:29190991-29193922
## 1842	chr2 29193634	+	G	240	chr2:29190991-29193922
## 1843	chr2 29193634	-	G	5	chr2:29190991-29193922
## 1844	chr2 29193635	+	G	240	chr2:29190991-29193922
## 1845	chr2 29193635	-	G	5	chr2:29190991-29193922
## 1846	chr2 29193636	+	T	236	chr2:29190991-29193922
## 1847	chr2 29193636	-	T	8	chr2:29190991-29193922
## 1848	chr2 29193637	+	T	235	chr2:29190991-29193922
## 1849	chr2 29193637	-	T	8	chr2:29190991-29193922
## 1850	chr2 29193638	+	C	1	chr2:29190991-29193922
## 1851	chr2 29193638	+	G	239	chr2:29190991-29193922
## 1852	chr2 29193638	-	G	8	chr2:29190991-29193922
## 1853	chr2 29193639	+	G	242	chr2:29190991-29193922
## 1854	chr2 29193639	-	G	8	chr2:29190991-29193922
## 1855	chr2 29193640	+	A	237	chr2:29190991-29193922
## 1856	chr2 29193640	-	A	8	chr2:29190991-29193922
## 1857	chr2 29193641	+	C	238	chr2:29190991-29193922
## 1858	chr2 29193641	-	C	8	chr2:29190991-29193922

## 1859	chr2 29193642	+	T	240	chr2:29190991-29193922
## 1860	chr2 29193642	-	T	9	chr2:29190991-29193922
## 1861	chr2 29193643	+	C	1	chr2:29190991-29193922
## 1862	chr2 29193643	+	G	238	chr2:29190991-29193922
## 1863	chr2 29193643	-	G	9	chr2:29190991-29193922
## 1864	chr2 29193644	+	A	237	chr2:29190991-29193922
## 1865	chr2 29193644	-	A	9	chr2:29190991-29193922
## 1866	chr2 29193644	+	T	1	chr2:29190991-29193922
## 1867	chr2 29193645	+	A	1	chr2:29190991-29193922
## 1868	chr2 29193645	+	G	236	chr2:29190991-29193922
## 1869	chr2 29193645	-	G	9	chr2:29190991-29193922
## 1870	chr2 29193646	+	A	238	chr2:29190991-29193922
## 1871	chr2 29193646	-	A	9	chr2:29190991-29193922
## 1872	chr2 29193647	+	A	1	chr2:29190991-29193922
## 1873	chr2 29193647	+	G	238	chr2:29190991-29193922
## 1874	chr2 29193647	-	G	9	chr2:29190991-29193922
## 1875	chr2 29193648	+	A	236	chr2:29190991-29193922
## 1876	chr2 29193648	-	A	9	chr2:29190991-29193922
## 1877	chr2 29193648	+	G	1	chr2:29190991-29193922
## 1878	chr2 29193649	+	A	236	chr2:29190991-29193922
## 1879	chr2 29193649	-	A	9	chr2:29190991-29193922
## 1880	chr2 29193650	+	T	238	chr2:29190991-29193922
## 1881	chr2 29193650	-	T	7	chr2:29190991-29193922
## 1882	chr2 29193651	+	G	239	chr2:29190991-29193922
## 1883	chr2 29193651	-	G	8	chr2:29190991-29193922
## 1884	chr2 29193651	-	T	1	chr2:29190991-29193922
## 1885	chr2 29193652	+	C	234	chr2:29190991-29193922
## 1886	chr2 29193652	-	C	9	chr2:29190991-29193922
## 1887	chr2 29193653	+	C	239	chr2:29190991-29193922
## 1888	chr2 29193653	-	C	6	chr2:29190991-29193922
## 1889	chr2 29193654	+	A	244	chr2:29190991-29193922
## 1890	chr2 29193654	-	A	6	chr2:29190991-29193922
## 1891	chr2 29193655	+	A	1	chr2:29190991-29193922
## 1892	chr2 29193655	+	T	241	chr2:29190991-29193922
## 1893	chr2 29193655	-	T	6	chr2:29190991-29193922
## 1894	chr2 29193656	+	A	242	chr2:29190991-29193922
## 1895	chr2 29193656	-	A	6	chr2:29190991-29193922
## 1896	chr2 29193657	+	T	244	chr2:29190991-29193922
## 1897	chr2 29193657	-	T	6	chr2:29190991-29193922
## 1898	chr2 29193658	+	T	238	chr2:29190991-29193922
## 1899	chr2 29193658	-	T	6	chr2:29190991-29193922
## 1900	chr2 29193659	+	C	236	chr2:29190991-29193922
## 1901	chr2 29193659	-	C	8	chr2:29190991-29193922
## 1902	chr2 29193660	+	A	237	chr2:29190991-29193922
## 1903	chr2 29193660	-	A	8	chr2:29190991-29193922
## 1904	chr2 29193661	+	C	241	chr2:29190991-29193922
## 1905	chr2 29193661	-	C	8	chr2:29190991-29193922
## 1906	chr2 29193662	+	G	236	chr2:29190991-29193922
## 1907	chr2 29193662	-	G	8	chr2:29190991-29193922
## 1908	chr2 29193663	+	T	239	chr2:29190991-29193922
## 1909	chr2 29193663	-	T	8	chr2:29190991-29193922
## 1910	chr2 29193664	+	G	233	chr2:29190991-29193922
## 1911	chr2 29193664	-	G	8	chr2:29190991-29193922
## 1912	chr2 29193665	+	A	1	chr2:29190991-29193922

## 1913	chr2 29193665	+	T	237	chr2:29190991-29193922
## 1914	chr2 29193665	-	T	8	chr2:29190991-29193922
## 1915	chr2 29193666	+	C	239	chr2:29190991-29193922
## 1916	chr2 29193666	-	C	8	chr2:29190991-29193922
## 1917	chr2 29193667	+	A	1	chr2:29190991-29193922
## 1918	chr2 29193667	+	C	241	chr2:29190991-29193922
## 1919	chr2 29193667	-	C	8	chr2:29190991-29193922
## 1920	chr2 29193668	+	C	241	chr2:29190991-29193922
## 1921	chr2 29193668	-	C	8	chr2:29190991-29193922
## 1922	chr2 29193669	+	C	242	chr2:29190991-29193922
## 1923	chr2 29193669	-	C	8	chr2:29190991-29193922
## 1924	chr2 29193670	+	C	241	chr2:29190991-29193922
## 1925	chr2 29193670	-	C	8	chr2:29190991-29193922
## 1926	chr2 29193671	+	T	242	chr2:29190991-29193922
## 1927	chr2 29193671	-	T	8	chr2:29190991-29193922
## 1928	chr2 29193672	+	T	240	chr2:29190991-29193922
## 1929	chr2 29193672	-	T	8	chr2:29190991-29193922
## 1930	chr2 29193673	+	C	239	chr2:29190991-29193922
## 1931	chr2 29193673	-	C	10	chr2:29190991-29193922
## 1932	chr2 29193674	+	C	239	chr2:29190991-29193922
## 1933	chr2 29193674	-	C	10	chr2:29190991-29193922
## 1934	chr2 29193674	+	G	1	chr2:29190991-29193922
## 1935	chr2 29193675	+	A	239	chr2:29190991-29193922
## 1936	chr2 29193675	-	A	10	chr2:29190991-29193922
## 1937	chr2 29193676	+	C	239	chr2:29190991-29193922
## 1938	chr2 29193676	-	C	10	chr2:29190991-29193922
## 1939	chr2 29193677	+	G	237	chr2:29190991-29193922
## 1940	chr2 29193677	-	G	10	chr2:29190991-29193922
## 1941	chr2 29193678	+	G	239	chr2:29190991-29193922
## 1942	chr2 29193678	-	G	10	chr2:29190991-29193922
## 1943	chr2 29193679	+	C	240	chr2:29190991-29193922
## 1944	chr2 29193679	-	C	10	chr2:29190991-29193922
## 1945	chr2 29193680	+	C	240	chr2:29190991-29193922
## 1946	chr2 29193680	-	C	10	chr2:29190991-29193922
## 1947	chr2 29193681	+	G	240	chr2:29190991-29193922
## 1948	chr2 29193681	-	G	10	chr2:29190991-29193922
## 1949	chr2 29193682	+	G	240	chr2:29190991-29193922
## 1950	chr2 29193682	-	G	10	chr2:29190991-29193922
## 1951	chr2 29193683	+	C	239	chr2:29190991-29193922
## 1952	chr2 29193683	-	C	10	chr2:29190991-29193922
## 1953	chr2 29193684	+	C	239	chr2:29190991-29193922
## 1954	chr2 29193684	-	C	10	chr2:29190991-29193922
## 1955	chr2 29193685	+	A	1	chr2:29190991-29193922
## 1956	chr2 29193685	+	C	236	chr2:29190991-29193922
## 1957	chr2 29193685	-	C	10	chr2:29190991-29193922
## 1958	chr2 29193686	+	T	238	chr2:29190991-29193922
## 1959	chr2 29193686	-	T	10	chr2:29190991-29193922
## 1960	chr2 29193687	+	C	238	chr2:29190991-29193922
## 1961	chr2 29193687	-	C	10	chr2:29190991-29193922
## 1962	chr2 29193688	+	T	237	chr2:29190991-29193922
## 1963	chr2 29193688	-	T	10	chr2:29190991-29193922
## 1964	chr2 29193689	+	A	235	chr2:29190991-29193922
## 1965	chr2 29193689	-	A	10	chr2:29190991-29193922
## 1966	chr2 29193689	+	G	1	chr2:29190991-29193922

## 1967	chr2 29193690	+	G	238	chr2:29190991-29193922
## 1968	chr2 29193690	-	G	10	chr2:29190991-29193922
## 1969	chr2 29193691	+	C	1	chr2:29190991-29193922
## 1970	chr2 29193691	+	G	238	chr2:29190991-29193922
## 1971	chr2 29193691	-	G	10	chr2:29190991-29193922
## 1972	chr2 29193692	+	G	240	chr2:29190991-29193922
## 1973	chr2 29193692	-	G	10	chr2:29190991-29193922
## 1974	chr2 29193693	+	A	238	chr2:29190991-29193922
## 1975	chr2 29193693	-	A	10	chr2:29190991-29193922
## 1976	chr2 29193694	+	C	238	chr2:29190991-29193922
## 1977	chr2 29193694	-	C	10	chr2:29190991-29193922
## 1978	chr2 29193695	+	T	239	chr2:29190991-29193922
## 1979	chr2 29193695	-	T	10	chr2:29190991-29193922
## 1980	chr2 29193696	+	C	238	chr2:29190991-29193922
## 1981	chr2 29193696	-	C	10	chr2:29190991-29193922
## 1982	chr2 29193697	+	A	1	chr2:29190991-29193922
## 1983	chr2 29193697	+	G	239	chr2:29190991-29193922
## 1984	chr2 29193697	-	G	10	chr2:29190991-29193922
## 1985	chr2 29193698	+	A	240	chr2:29190991-29193922
## 1986	chr2 29193698	-	A	10	chr2:29190991-29193922
## 1987	chr2 29193699	+	A	238	chr2:29190991-29193922
## 1988	chr2 29193699	-	A	10	chr2:29190991-29193922
## 1989	chr2 29193699	+	G	1	chr2:29190991-29193922
## 1990	chr2 29193699	+	T	1	chr2:29190991-29193922
## 1991	chr2 29193700	+	C	240	chr2:29190991-29193922
## 1992	chr2 29193700	-	C	10	chr2:29190991-29193922
## 1993	chr2 29193701	+	A	237	chr2:29190991-29193922
## 1994	chr2 29193701	-	A	10	chr2:29190991-29193922
## 1995	chr2 29193702	+	G	240	chr2:29190991-29193922
## 1996	chr2 29193702	-	G	10	chr2:29190991-29193922
## 1997	chr2 29193703	+	A	236	chr2:29190991-29193922
## 1998	chr2 29193703	-	A	10	chr2:29190991-29193922
## 1999	chr2 29193704	+	G	236	chr2:29190991-29193922
## 2000	chr2 29193704	-	G	10	chr2:29190991-29193922
## 2001	chr2 29193705	+	A	239	chr2:29190991-29193922
## 2002	chr2 29193705	-	A	10	chr2:29190991-29193922
## 2003	chr2 29193706	+	C	238	chr2:29190991-29193922
## 2004	chr2 29193706	-	C	10	chr2:29190991-29193922
## 2005	chr2 29193707	+	C	239	chr2:29190991-29193922
## 2006	chr2 29193707	-	C	10	chr2:29190991-29193922
## 2007	chr2 29193708	+	T	239	chr2:29190991-29193922
## 2008	chr2 29193708	-	T	10	chr2:29190991-29193922
## 2009	chr2 29193709	+	C	239	chr2:29190991-29193922
## 2010	chr2 29193709	-	C	10	chr2:29190991-29193922
## 2011	chr2 29193710	+	T	235	chr2:29190991-29193922
## 2012	chr2 29193710	-	T	10	chr2:29190991-29193922
## 2013	chr2 29193711	+	G	239	chr2:29190991-29193922
## 2014	chr2 29193711	-	G	7	chr2:29190991-29193922
## 2015	chr2 29193712	+	C	237	chr2:29190991-29193922
## 2016	chr2 29193712	-	C	7	chr2:29190991-29193922
## 2017	chr2 29193713	+	A	237	chr2:29190991-29193922
## 2018	chr2 29193713	-	A	7	chr2:29190991-29193922
## 2019	chr2 29193714	+	G	241	chr2:29190991-29193922
## 2020	chr2 29193714	-	G	7	chr2:29190991-29193922

## 2021	chr2 29193715	+	C	243	chr2:29190991-29193922
## 2022	chr2 29193715	-	C	7	chr2:29190991-29193922
## 2023	chr2 29193716	+	T	238	chr2:29190991-29193922
## 2024	chr2 29193716	-	T	7	chr2:29190991-29193922
## 2025	chr2 29193717	+	G	238	chr2:29190991-29193922
## 2026	chr2 29193717	-	G	7	chr2:29190991-29193922
## 2027	chr2 29193717	+	T	1	chr2:29190991-29193922
## 2028	chr2 29193718	+	T	242	chr2:29190991-29193922
## 2029	chr2 29193718	-	T	7	chr2:29190991-29193922
## 2030	chr2 29193719	+	G	240	chr2:29190991-29193922
## 2031	chr2 29193719	-	G	7	chr2:29190991-29193922
## 2032	chr2 29193719	+	T	1	chr2:29190991-29193922
## 2033	chr2 29193720	+	G	240	chr2:29190991-29193922
## 2034	chr2 29193720	-	G	7	chr2:29190991-29193922
## 2035	chr2 29193721	+	G	239	chr2:29190991-29193922
## 2036	chr2 29193721	-	G	7	chr2:29190991-29193922
## 2037	chr2 29193722	+	T	240	chr2:29190991-29193922
## 2038	chr2 29193722	-	T	7	chr2:29190991-29193922
## 2039	chr2 29193723	+	T	241	chr2:29190991-29193922
## 2040	chr2 29193723	-	T	7	chr2:29190991-29193922
## 2041	chr2 29193724	+	T	237	chr2:29190991-29193922
## 2042	chr2 29193724	-	T	9	chr2:29190991-29193922
## 2043	chr2 29193725	+	C	235	chr2:29190991-29193922
## 2044	chr2 29193725	-	C	10	chr2:29190991-29193922
## 2045	chr2 29193726	+	T	237	chr2:29190991-29193922
## 2046	chr2 29193726	-	T	8	chr2:29190991-29193922
## 2047	chr2 29193727	+	T	239	chr2:29190991-29193922
## 2048	chr2 29193727	-	T	8	chr2:29190991-29193922
## 2049	chr2 29193728	+	T	235	chr2:29190991-29193922
## 2050	chr2 29193728	-	T	8	chr2:29190991-29193922
## 2051	chr2 29193729	+	A	1	chr2:29190991-29193922
## 2052	chr2 29193729	+	G	236	chr2:29190991-29193922
## 2053	chr2 29193729	-	G	8	chr2:29190991-29193922
## 2054	chr2 29193730	+	C	242	chr2:29190991-29193922
## 2055	chr2 29193730	-	C	8	chr2:29190991-29193922
## 2056	chr2 29193731	+	A	240	chr2:29190991-29193922
## 2057	chr2 29193731	-	A	8	chr2:29190991-29193922
## 2058	chr2 29193732	+	G	239	chr2:29190991-29193922
## 2059	chr2 29193732	-	G	8	chr2:29190991-29193922
## 2060	chr2 29193732	+	T	1	chr2:29190991-29193922
## 2061	chr2 29193733	+	C	241	chr2:29190991-29193922
## 2062	chr2 29193733	-	C	8	chr2:29190991-29193922
## 2063	chr2 29193733	+	G	1	chr2:29190991-29193922
## 2064	chr2 29193734	+	C	238	chr2:29190991-29193922
## 2065	chr2 29193734	-	C	6	chr2:29190991-29193922
## 2066	chr2 29193735	+	T	235	chr2:29190991-29193922
## 2067	chr2 29193735	-	T	9	chr2:29190991-29193922
## 2068	chr2 29193736	+	T	236	chr2:29190991-29193922
## 2069	chr2 29193736	-	T	9	chr2:29190991-29193922
## 2070	chr2 29193737	+	G	240	chr2:29190991-29193922
## 2071	chr2 29193737	-	G	9	chr2:29190991-29193922
## 2072	chr2 29193738	+	C	235	chr2:29190991-29193922
## 2073	chr2 29193738	-	C	9	chr2:29190991-29193922
## 2074	chr2 29193739	+	C	236	chr2:29190991-29193922

## 2075	chr2 29193739	-	C	12	chr2:29190991-29193922
## 2076	chr2 29193740	+	A	229	chr2:29190991-29193922
## 2077	chr2 29193740	-	A	12	chr2:29190991-29193922
## 2078	chr2 29193741	+	G	232	chr2:29190991-29193922
## 2079	chr2 29193741	-	G	14	chr2:29190991-29193922
## 2080	chr2 29193742	+	A	233	chr2:29190991-29193922
## 2081	chr2 29193742	-	A	14	chr2:29190991-29193922
## 2082	chr2 29193743	+	G	235	chr2:29190991-29193922
## 2083	chr2 29193743	-	G	14	chr2:29190991-29193922
## 2084	chr2 29193744	+	G	235	chr2:29190991-29193922
## 2085	chr2 29193744	-	G	14	chr2:29190991-29193922
## 2086	chr2 29193745	+	A	236	chr2:29190991-29193922
## 2087	chr2 29193745	-	A	14	chr2:29190991-29193922
## 2088	chr2 29193746	+	G	235	chr2:29190991-29193922
## 2089	chr2 29193746	-	G	14	chr2:29190991-29193922
## 2090	chr2 29193747	+	G	236	chr2:29190991-29193922
## 2091	chr2 29193747	-	G	14	chr2:29190991-29193922
## 2092	chr2 29193748	+	T	236	chr2:29190991-29193922
## 2093	chr2 29193748	-	T	12	chr2:29190991-29193922
## 2094	chr2 29193749	+	G	234	chr2:29190991-29193922
## 2095	chr2 29193749	-	G	15	chr2:29190991-29193922
## 2096	chr2 29193750	+	G	235	chr2:29190991-29193922
## 2097	chr2 29193750	-	G	15	chr2:29190991-29193922
## 2098	chr2 29193751	+	T	235	chr2:29190991-29193922
## 2099	chr2 29193751	-	T	15	chr2:29190991-29193922
## 2100	chr2 29193752	+	A	234	chr2:29190991-29193922
## 2101	chr2 29193752	-	A	15	chr2:29190991-29193922
## 2102	chr2 29193753	+	G	232	chr2:29190991-29193922
## 2103	chr2 29193753	-	G	15	chr2:29190991-29193922
## 2104	chr2 29193754	+	G	234	chr2:29190991-29193922
## 2105	chr2 29193754	-	G	15	chr2:29190991-29193922
## 2106	chr2 29193755	+	C	235	chr2:29190991-29193922
## 2107	chr2 29193755	-	C	15	chr2:29190991-29193922
## 2108	chr2 29193756	+	A	235	chr2:29190991-29193922
## 2109	chr2 29193756	-	A	15	chr2:29190991-29193922
## 2110	chr2 29193757	+	G	235	chr2:29190991-29193922
## 2111	chr2 29193757	-	G	15	chr2:29190991-29193922
## 2112	chr2 29193758	+	A	235	chr2:29190991-29193922
## 2113	chr2 29193758	-	A	15	chr2:29190991-29193922
## 2114	chr2 29193759	+	G	233	chr2:29190991-29193922
## 2115	chr2 29193759	-	G	15	chr2:29190991-29193922
## 2116	chr2 29193760	+	G	233	chr2:29190991-29193922
## 2117	chr2 29193760	-	G	15	chr2:29190991-29193922
## 2118	chr2 29193761	+	T	233	chr2:29190991-29193922
## 2119	chr2 29193761	-	T	15	chr2:29190991-29193922
## 2120	chr2 29193762	+	G	233	chr2:29190991-29193922
## 2121	chr2 29193762	-	G	15	chr2:29190991-29193922
## 2122	chr2 29193763	+	G	233	chr2:29190991-29193922
## 2123	chr2 29193763	-	G	15	chr2:29190991-29193922
## 2124	chr2 29193764	+	T	232	chr2:29190991-29193922
## 2125	chr2 29193764	-	T	15	chr2:29190991-29193922
## 2126	chr2 29193765	+	G	230	chr2:29190991-29193922
## 2127	chr2 29193765	-	G	16	chr2:29190991-29193922
## 2128	chr2 29193766	+	G	227	chr2:29190991-29193922

## 2129	chr2 29193766	-	G	21	chr2:29190991-29193922
## 2130	chr2 29193767	+	G	228	chr2:29190991-29193922
## 2131	chr2 29193767	-	G	21	chr2:29190991-29193922
## 2132	chr2 29193768	+	G	229	chr2:29190991-29193922
## 2133	chr2 29193768	-	G	21	chr2:29190991-29193922
## 2134	chr2 29193769	+	C	226	chr2:29190991-29193922
## 2135	chr2 29193769	-	C	21	chr2:29190991-29193922
## 2136	chr2 29193770	+	A	227	chr2:29190991-29193922
## 2137	chr2 29193770	-	A	21	chr2:29190991-29193922
## 2138	chr2 29193771	+	G	227	chr2:29190991-29193922
## 2139	chr2 29193771	-	G	21	chr2:29190991-29193922
## 2140	chr2 29193771	+	T	1	chr2:29190991-29193922
## 2141	chr2 29193772	+	C	227	chr2:29190991-29193922
## 2142	chr2 29193772	-	C	21	chr2:29190991-29193922
## 2143	chr2 29193773	+	T	229	chr2:29190991-29193922
## 2144	chr2 29193773	-	T	21	chr2:29190991-29193922
## 2145	chr2 29193774	+	G	229	chr2:29190991-29193922
## 2146	chr2 29193774	-	G	21	chr2:29190991-29193922
## 2147	chr2 29193775	+	G	229	chr2:29190991-29193922
## 2148	chr2 29193775	-	G	21	chr2:29190991-29193922
## 2149	chr2 29193776	+	G	229	chr2:29190991-29193922
## 2150	chr2 29193776	-	G	21	chr2:29190991-29193922
## 2151	chr2 29193777	+	C	225	chr2:29190991-29193922
## 2152	chr2 29193777	-	C	21	chr2:29190991-29193922
## 2153	chr2 29193777	+	T	1	chr2:29190991-29193922
## 2154	chr2 29193778	+	T	229	chr2:29190991-29193922
## 2155	chr2 29193778	-	T	21	chr2:29190991-29193922
## 2156	chr2 29193779	+	G	225	chr2:29190991-29193922
## 2157	chr2 29193779	-	G	21	chr2:29190991-29193922
## 2158	chr2 29193780	+	C	224	chr2:29190991-29193922
## 2159	chr2 29193780	-	C	21	chr2:29190991-29193922
## 2160	chr2 29193781	+	G	229	chr2:29190991-29193922
## 2161	chr2 29193781	-	G	21	chr2:29190991-29193922
## 2162	chr2 29193782	+	C	227	chr2:29190991-29193922
## 2163	chr2 29193782	-	C	21	chr2:29190991-29193922
## 2164	chr2 29193783	+	A	1	chr2:29190991-29193922
## 2165	chr2 29193783	+	T	227	chr2:29190991-29193922
## 2166	chr2 29193783	-	T	21	chr2:29190991-29193922
## 2167	chr2 29193784	+	C	228	chr2:29190991-29193922
## 2168	chr2 29193784	-	C	21	chr2:29190991-29193922
## 2169	chr2 29193785	+	C	227	chr2:29190991-29193922
## 2170	chr2 29193785	-	C	21	chr2:29190991-29193922
## 2171	chr2 29193786	+	T	224	chr2:29190991-29193922
## 2172	chr2 29193786	-	T	21	chr2:29190991-29193922
## 2173	chr2 29193787	+	C	225	chr2:29190991-29193922
## 2174	chr2 29193787	-	C	21	chr2:29190991-29193922
## 2175	chr2 29193788	+	C	221	chr2:29190991-29193922
## 2176	chr2 29193788	-	C	21	chr2:29190991-29193922
## 2177	chr2 29193788	+	T	2	chr2:29190991-29193922
## 2178	chr2 29193789	+	T	223	chr2:29190991-29193922
## 2179	chr2 29193789	-	T	21	chr2:29190991-29193922
## 2180	chr2 29193790	+	C	227	chr2:29190991-29193922
## 2181	chr2 29193790	-	C	21	chr2:29190991-29193922
## 2182	chr2 29193791	+	C	226	chr2:29190991-29193922

## 2183	chr2 29193791	-	C	24	chr2:29190991-29193922
## 2184	chr2 29193792	+	C	222	chr2:29190991-29193922
## 2185	chr2 29193792	-	C	23	chr2:29190991-29193922
## 2186	chr2 29193793	+	G	223	chr2:29190991-29193922
## 2187	chr2 29193793	-	G	23	chr2:29190991-29193922
## 2188	chr2 29193794	+	-	1	chr2:29190991-29193922
## 2189	chr2 29193794	+	T	225	chr2:29190991-29193922
## 2190	chr2 29193794	-	T	23	chr2:29190991-29193922
## 2191	chr2 29193795	+	T	225	chr2:29190991-29193922
## 2192	chr2 29193795	-	T	23	chr2:29190991-29193922
## 2193	chr2 29193796	+	T	225	chr2:29190991-29193922
## 2194	chr2 29193796	-	T	23	chr2:29190991-29193922
## 2195	chr2 29193797	+	T	223	chr2:29190991-29193922
## 2196	chr2 29193797	-	T	23	chr2:29190991-29193922
## 2197	chr2 29193798	+	G	224	chr2:29190991-29193922
## 2198	chr2 29193798	-	G	23	chr2:29190991-29193922
## 2199	chr2 29193799	+	C	227	chr2:29190991-29193922
## 2200	chr2 29193799	-	C	21	chr2:29190991-29193922
## 2201	chr2 29193800	+	C	224	chr2:29190991-29193922
## 2202	chr2 29193800	-	C	22	chr2:29190991-29193922
## 2203	chr2 29193801	+	T	223	chr2:29190991-29193922
## 2204	chr2 29193801	-	T	22	chr2:29190991-29193922
## 2205	chr2 29193802	+	G	223	chr2:29190991-29193922
## 2206	chr2 29193802	-	G	22	chr2:29190991-29193922
## 2207	chr2 29193803	+	T	225	chr2:29190991-29193922
## 2208	chr2 29193803	-	T	22	chr2:29190991-29193922
## 2209	chr2 29193804	+	T	222	chr2:29190991-29193922
## 2210	chr2 29193804	-	T	22	chr2:29190991-29193922
## 2211	chr2 29193805	+	G	222	chr2:29190991-29193922
## 2212	chr2 29193805	-	G	22	chr2:29190991-29193922
## 2213	chr2 29193806	+	A	226	chr2:29190991-29193922
## 2214	chr2 29193806	-	A	24	chr2:29190991-29193922
## 2215	chr2 29193807	+	G	224	chr2:29190991-29193922
## 2216	chr2 29193807	-	G	24	chr2:29190991-29193922
## 2217	chr2 29193808	+	A	224	chr2:29190991-29193922
## 2218	chr2 29193808	-	A	24	chr2:29190991-29193922
## 2219	chr2 29193809	+	G	226	chr2:29190991-29193922
## 2220	chr2 29193809	-	G	24	chr2:29190991-29193922
## 2221	chr2 29193810	+	A	222	chr2:29190991-29193922
## 2222	chr2 29193810	-	A	21	chr2:29190991-29193922
## 2223	chr2 29193811	+	C	219	chr2:29190991-29193922
## 2224	chr2 29193811	-	C	21	chr2:29190991-29193922
## 2225	chr2 29193811	+	T	3	chr2:29190991-29193922
## 2226	chr2 29193812	+	C	221	chr2:29190991-29193922
## 2227	chr2 29193812	-	C	24	chr2:29190991-29193922
## 2228	chr2 29193812	+	T	1	chr2:29190991-29193922
## 2229	chr2 29193813	+	A	224	chr2:29190991-29193922
## 2230	chr2 29193813	-	A	24	chr2:29190991-29193922
## 2231	chr2 29193813	+	G	1	chr2:29190991-29193922
## 2232	chr2 29193814	+	G	224	chr2:29190991-29193922
## 2233	chr2 29193814	-	G	21	chr2:29190991-29193922
## 2234	chr2 29193815	+	G	226	chr2:29190991-29193922
## 2235	chr2 29193815	-	G	22	chr2:29190991-29193922
## 2236	chr2 29193816	+	A	221	chr2:29190991-29193922

## 2237	chr2 29193816	-	A	20	chr2:29190991-29193922
## 2238	chr2 29193817	+	G	219	chr2:29190991-29193922
## 2239	chr2 29193817	-	G	27	chr2:29190991-29193922
## 2240	chr2 29193818	+	A	220	chr2:29190991-29193922
## 2241	chr2 29193818	-	A	27	chr2:29190991-29193922
## 2242	chr2 29193819	+	G	223	chr2:29190991-29193922
## 2243	chr2 29193819	-	G	27	chr2:29190991-29193922
## 2244	chr2 29193820	+	G	222	chr2:29190991-29193922
## 2245	chr2 29193820	-	G	27	chr2:29190991-29193922
## 2246	chr2 29193821	+	A	223	chr2:29190991-29193922
## 2247	chr2 29193821	-	A	27	chr2:29190991-29193922
## 2248	chr2 29193822	+	G	221	chr2:29190991-29193922
## 2249	chr2 29193822	-	G	27	chr2:29190991-29193922
## 2250	chr2 29193822	+	T	1	chr2:29190991-29193922
## 2251	chr2 29193823	+	G	223	chr2:29190991-29193922
## 2252	chr2 29193823	-	G	26	chr2:29190991-29193922
## 2253	chr2 29193824	+	A	225	chr2:29190991-29193922
## 2254	chr2 29193824	-	A	24	chr2:29190991-29193922
## 2255	chr2 29193825	+	A	224	chr2:29190991-29193922
## 2256	chr2 29193825	-	A	24	chr2:29190991-29193922
## 2257	chr2 29193825	+	C	1	chr2:29190991-29193922
## 2258	chr2 29193826	+	C	227	chr2:29190991-29193922
## 2259	chr2 29193826	-	C	24	chr2:29190991-29193922
## 2260	chr2 29193827	+	C	227	chr2:29190991-29193922
## 2261	chr2 29193827	-	C	24	chr2:29190991-29193922
## 2262	chr2 29193828	+	C	226	chr2:29190991-29193922
## 2263	chr2 29193828	-	C	24	chr2:29190991-29193922
## 2264	chr2 29193829	+	C	223	chr2:29190991-29193922
## 2265	chr2 29193829	-	C	24	chr2:29190991-29193922
## 2266	chr2 29193830	+	C	223	chr2:29190991-29193922
## 2267	chr2 29193830	-	C	27	chr2:29190991-29193922
## 2268	chr2 29193831	+	T	223	chr2:29190991-29193922
## 2269	chr2 29193831	-	T	27	chr2:29190991-29193922
## 2270	chr2 29193832	+	C	223	chr2:29190991-29193922
## 2271	chr2 29193832	-	C	27	chr2:29190991-29193922
## 2272	chr2 29193833	+	A	223	chr2:29190991-29193922
## 2273	chr2 29193833	-	A	27	chr2:29190991-29193922
## 2274	chr2 29193834	+	G	223	chr2:29190991-29193922
## 2275	chr2 29193834	-	G	27	chr2:29190991-29193922
## 2276	chr2 29193835	+	G	221	chr2:29190991-29193922
## 2277	chr2 29193835	-	G	27	chr2:29190991-29193922
## 2278	chr2 29193836	+	G	221	chr2:29190991-29193922
## 2279	chr2 29193836	-	G	27	chr2:29190991-29193922
## 2280	chr2 29193837	+	T	221	chr2:29190991-29193922
## 2281	chr2 29193837	-	T	27	chr2:29190991-29193922
## 2282	chr2 29193838	+	C	221	chr2:29190991-29193922
## 2283	chr2 29193838	-	C	27	chr2:29190991-29193922
## 2284	chr2 29193839	+	C	221	chr2:29190991-29193922
## 2285	chr2 29193839	-	C	26	chr2:29190991-29193922
## 2286	chr2 29193840	+	T	222	chr2:29190991-29193922
## 2287	chr2 29193840	-	T	26	chr2:29190991-29193922
## 2288	chr2 29193841	+	T	224	chr2:29190991-29193922
## 2289	chr2 29193841	-	T	22	chr2:29190991-29193922
## 2290	chr2 29193842	+	G	226	chr2:29190991-29193922

## 2291	chr2 29193842	-	G	22	chr2:29190991-29193922
## 2292	chr2 29193843	+	G	227	chr2:29190991-29193922
## 2293	chr2 29193843	-	G	22	chr2:29190991-29193922
## 2294	chr2 29193844	+	G	228	chr2:29190991-29193922
## 2295	chr2 29193844	-	G	22	chr2:29190991-29193922
## 2296	chr2 29193845	+	C	225	chr2:29190991-29193922
## 2297	chr2 29193845	-	C	22	chr2:29190991-29193922
## 2298	chr2 29193846	+	C	225	chr2:29190991-29193922
## 2299	chr2 29193846	-	C	22	chr2:29190991-29193922
## 2300	chr2 29193847	+	T	227	chr2:29190991-29193922
## 2301	chr2 29193847	-	T	22	chr2:29190991-29193922
## 2302	chr2 29193848	+	C	226	chr2:29190991-29193922
## 2303	chr2 29193848	-	C	22	chr2:29190991-29193922
## 2304	chr2 29193849	+	A	228	chr2:29190991-29193922
## 2305	chr2 29193849	-	A	22	chr2:29190991-29193922
## 2306	chr2 29193850	+	C	227	chr2:29190991-29193922
## 2307	chr2 29193850	-	C	22	chr2:29190991-29193922
## 2308	chr2 29193850	+	T	1	chr2:29190991-29193922
## 2309	chr2 29193851	+	A	228	chr2:29190991-29193922
## 2310	chr2 29193851	-	A	22	chr2:29190991-29193922
## 2311	chr2 29193852	+	G	228	chr2:29190991-29193922
## 2312	chr2 29193852	-	G	22	chr2:29190991-29193922
## 2313	chr2 29193853	+	G	225	chr2:29190991-29193922
## 2314	chr2 29193853	-	G	22	chr2:29190991-29193922
## 2315	chr2 29193854	+	C	225	chr2:29190991-29193922
## 2316	chr2 29193854	-	C	25	chr2:29190991-29193922
## 2317	chr2 29193855	+	A	221	chr2:29190991-29193922
## 2318	chr2 29193855	-	A	25	chr2:29190991-29193922
## 2319	chr2 29193856	+	C	219	chr2:29190991-29193922
## 2320	chr2 29193856	-	C	25	chr2:29190991-29193922
## 2321	chr2 29193856	+	G	1	chr2:29190991-29193922
## 2322	chr2 29193857	+	T	219	chr2:29190991-29193922
## 2323	chr2 29193857	-	T	31	chr2:29190991-29193922
## 2324	chr2 29193858	+	T	217	chr2:29190991-29193922
## 2325	chr2 29193858	-	T	31	chr2:29190991-29193922
## 2326	chr2 29193859	+	T	216	chr2:29190991-29193922
## 2327	chr2 29193859	-	T	33	chr2:29190991-29193922
## 2328	chr2 29193860	+	C	215	chr2:29190991-29193922
## 2329	chr2 29193860	-	C	34	chr2:29190991-29193922
## 2330	chr2 29193861	+	A	1	chr2:29190991-29193922
## 2331	chr2 29193861	+	T	211	chr2:29190991-29193922
## 2332	chr2 29193861	-	T	36	chr2:29190991-29193922
## 2333	chr2 29193862	+	C	207	chr2:29190991-29193922
## 2334	chr2 29193862	-	C	38	chr2:29190991-29193922
## 2335	chr2 29193863	+	T	207	chr2:29190991-29193922
## 2336	chr2 29193863	-	T	39	chr2:29190991-29193922
## 2337	chr2 29193864	+	T	203	chr2:29190991-29193922
## 2338	chr2 29193864	-	T	41	chr2:29190991-29193922
## 2339	chr2 29193865	+	C	199	chr2:29190991-29193922
## 2340	chr2 29193865	-	C	45	chr2:29190991-29193922
## 2341	chr2 29193866	+	C	202	chr2:29190991-29193922
## 2342	chr2 29193866	-	C	46	chr2:29190991-29193922
## 2343	chr2 29193867	+	T	204	chr2:29190991-29193922
## 2344	chr2 29193867	-	T	46	chr2:29190991-29193922

## 2345	chr2 29193868	+	C	198	chr2:29190991-29193922
## 2346	chr2 29193868	-	C	47	chr2:29190991-29193922
## 2347	chr2 29193869	+	T	196	chr2:29190991-29193922
## 2348	chr2 29193869	-	T	49	chr2:29190991-29193922
## 2349	chr2 29193870	+	T	197	chr2:29190991-29193922
## 2350	chr2 29193870	-	T	52	chr2:29190991-29193922
## 2351	chr2 29193871	+	C	194	chr2:29190991-29193922
## 2352	chr2 29193871	-	C	54	chr2:29190991-29193922
## 2353	chr2 29193872	+	C	194	chr2:29190991-29193922
## 2354	chr2 29193872	-	C	54	chr2:29190991-29193922
## 2355	chr2 29193873	+	A	191	chr2:29190991-29193922
## 2356	chr2 29193873	-	A	55	chr2:29190991-29193922
## 2357	chr2 29193874	+	C	193	chr2:29190991-29193922
## 2358	chr2 29193874	-	C	55	chr2:29190991-29193922
## 2359	chr2 29193875	+	A	192	chr2:29190991-29193922
## 2360	chr2 29193875	-	A	56	chr2:29190991-29193922
## 2361	chr2 29193876	+	A	190	chr2:29190991-29193922
## 2362	chr2 29193876	-	A	56	chr2:29190991-29193922
## 2363	chr2 29193877	+	G	184	chr2:29190991-29193922
## 2364	chr2 29193877	-	G	60	chr2:29190991-29193922
## 2365	chr2 29193878	+	T	181	chr2:29190991-29193922
## 2366	chr2 29193878	-	T	63	chr2:29190991-29193922
## 2367	chr2 29193879	+	G	183	chr2:29190991-29193922
## 2368	chr2 29193879	-	G	64	chr2:29190991-29193922
## 2369	chr2 29193880	+	G	175	chr2:29190991-29193922
## 2370	chr2 29193880	-	G	68	chr2:29190991-29193922
## 2371	chr2 29193881	+	A	171	chr2:29190991-29193922
## 2372	chr2 29193881	-	A	73	chr2:29190991-29193922
## 2373	chr2 29193882	+	C	168	chr2:29190991-29193922
## 2374	chr2 29193882	-	C	80	chr2:29190991-29193922
## 2375	chr2 29193883	+	A	1	chr2:29190991-29193922
## 2376	chr2 29193883	+	C	167	chr2:29190991-29193922
## 2377	chr2 29193883	-	C	80	chr2:29190991-29193922
## 2378	chr2 29193884	+	A	168	chr2:29190991-29193922
## 2379	chr2 29193884	-	A	80	chr2:29190991-29193922
## 2380	chr2 29193885	+	T	170	chr2:29190991-29193922
## 2381	chr2 29193885	-	T	80	chr2:29190991-29193922
## 2382	chr2 29193886	+	A	162	chr2:29190991-29193922
## 2383	chr2 29193886	-	A	80	chr2:29190991-29193922
## 2384	chr2 29193886	-	C	1	chr2:29190991-29193922
## 2385	chr2 29193887	+	T	161	chr2:29190991-29193922
## 2386	chr2 29193887	-	T	81	chr2:29190991-29193922
## 2387	chr2 29193888	+	T	156	chr2:29190991-29193922
## 2388	chr2 29193888	-	T	88	chr2:29190991-29193922
## 2389	chr2 29193889	+	C	155	chr2:29190991-29193922
## 2390	chr2 29193889	-	C	92	chr2:29190991-29193922
## 2391	chr2 29193890	+	T	153	chr2:29190991-29193922
## 2392	chr2 29193890	-	T	93	chr2:29190991-29193922
## 2393	chr2 29193891	+	A	151	chr2:29190991-29193922
## 2394	chr2 29193891	-	A	96	chr2:29190991-29193922
## 2395	chr2 29193892	+	T	148	chr2:29190991-29193922
## 2396	chr2 29193892	-	T	92	chr2:29190991-29193922
## 2397	chr2 29193893	-	A	2	chr2:29190991-29193922
## 2398	chr2 29193893	+	C	143	chr2:29190991-29193922

## 2399	chr2 29193893	-	C	97	chr2:29190991-29193922
## 2400	chr2 29193894	+	A	1	chr2:29190991-29193922
## 2401	chr2 29193894	+	G	142	chr2:29190991-29193922
## 2402	chr2 29193894	-	G	104	chr2:29190991-29193922
## 2403	chr2 29193895	+	G	143	chr2:29190991-29193922
## 2404	chr2 29193895	-	G	106	chr2:29190991-29193922
## 2405	chr2 29193895	-	T	1	chr2:29190991-29193922
## 2406	chr2 29193896	+	C	142	chr2:29190991-29193922
## 2407	chr2 29193896	-	C	107	chr2:29190991-29193922
## 2408	chr2 29193897	+	A	143	chr2:29190991-29193922
## 2409	chr2 29193897	-	A	107	chr2:29190991-29193922
## 2410	chr2 29193898	+	A	142	chr2:29190991-29193922
## 2411	chr2 29193898	-	A	107	chr2:29190991-29193922
## 2412	chr2 29193899	+	A	142	chr2:29190991-29193922
## 2413	chr2 29193899	-	A	107	chr2:29190991-29193922
## 2414	chr2 29193900	-	C	1	chr2:29190991-29193922
## 2415	chr2 29193900	+	G	141	chr2:29190991-29193922
## 2416	chr2 29193900	-	G	107	chr2:29190991-29193922
## 2417	chr2 29193901	+	C	139	chr2:29190991-29193922
## 2418	chr2 29193901	-	C	110	chr2:29190991-29193922
## 2419	chr2 29193902	+	G	140	chr2:29190991-29193922
## 2420	chr2 29193902	-	G	110	chr2:29190991-29193922
## 2421	chr2 29193903	+	G	140	chr2:29190991-29193922
## 2422	chr2 29193903	-	G	110	chr2:29190991-29193922
## 2423	chr2 29193904	+	T	139	chr2:29190991-29193922
## 2424	chr2 29193904	-	T	111	chr2:29190991-29193922
## 2425	chr2 29193905	+	G	138	chr2:29190991-29193922
## 2426	chr2 29193905	-	G	109	chr2:29190991-29193922
## 2427	chr2 29193906	+	T	137	chr2:29190991-29193922
## 2428	chr2 29193906	-	T	113	chr2:29190991-29193922
## 2429	chr2 29193907	-	C	1	chr2:29190991-29193922
## 2430	chr2 29193907	+	T	137	chr2:29190991-29193922
## 2431	chr2 29193907	-	T	112	chr2:29190991-29193922
## 2432	chr2 29193908	+	G	136	chr2:29190991-29193922
## 2433	chr2 29193908	-	G	114	chr2:29190991-29193922
## 2434	chr2 29193909	+	A	135	chr2:29190991-29193922
## 2435	chr2 29193909	-	A	115	chr2:29190991-29193922
## 2436	chr2 29193910	+	-	1	chr2:29190991-29193922
## 2437	chr2 29193910	+	T	134	chr2:29190991-29193922
## 2438	chr2 29193910	-	T	115	chr2:29190991-29193922
## 2439	chr2 29193911	+	T	132	chr2:29190991-29193922
## 2440	chr2 29193911	-	T	116	chr2:29190991-29193922
## 2441	chr2 29193912	+	A	128	chr2:29190991-29193922
## 2442	chr2 29193912	-	A	118	chr2:29190991-29193922
## 2443	chr2 29193912	+	C	1	chr2:29190991-29193922
## 2444	chr2 29193913	+	C	126	chr2:29190991-29193922
## 2445	chr2 29193913	-	C	122	chr2:29190991-29193922
## 2446	chr2 29193914	+	A	126	chr2:29190991-29193922
## 2447	chr2 29193914	-	A	122	chr2:29190991-29193922
## 2448	chr2 29193915	+	T	125	chr2:29190991-29193922
## 2449	chr2 29193915	-	T	122	chr2:29190991-29193922
## 2450	chr2 29193916	+	C	121	chr2:29190991-29193922
## 2451	chr2 29193916	-	C	123	chr2:29190991-29193922
## 2452	chr2 29193916	+	G	1	chr2:29190991-29193922

## 2453	chr2 29193916	+	T	1	chr2:29190991-29193922
## 2454	chr2 29193917	+	C	118	chr2:29190991-29193922
## 2455	chr2 29193917	-	C	126	chr2:29190991-29193922
## 2456	chr2 29193918	+	G	115	chr2:29190991-29193922
## 2457	chr2 29193918	-	G	129	chr2:29190991-29193922
## 2458	chr2 29193919	+	G	113	chr2:29190991-29193922
## 2459	chr2 29193919	-	G	132	chr2:29190991-29193922
## 2460	chr2 29193920	+	G	112	chr2:29190991-29193922
## 2461	chr2 29193920	-	G	138	chr2:29190991-29193922
## 2462	chr2 29193921	+	T	109	chr2:29190991-29193922
## 2463	chr2 29193921	-	T	138	chr2:29190991-29193922
## 2464	chr2 29193922	+	C	106	chr2:29190991-29193922
## 2465	chr2 29193922	-	C	142	chr2:29190991-29193922
## 2466	chr2 29193922	+	G	1	chr2:29190991-29193922
## 2467	chr2 29196769	+	A	1	chr2:29196769-29196860
## 2468	chr2 29196769	+	C	249	chr2:29196769-29196860
## 2469	chr2 29196769	-	C	38	chr2:29196769-29196860
## 2470	chr2 29196770	+	C	245	chr2:29196769-29196860
## 2471	chr2 29196770	-	C	39	chr2:29196769-29196860
## 2472	chr2 29196771	+	T	238	chr2:29196769-29196860
## 2473	chr2 29196771	-	T	39	chr2:29196769-29196860
## 2474	chr2 29196772	+	G	223	chr2:29196769-29196860
## 2475	chr2 29196772	-	G	39	chr2:29196769-29196860
## 2476	chr2 29196773	+	G	217	chr2:29196769-29196860
## 2477	chr2 29196773	-	G	38	chr2:29196769-29196860
## 2478	chr2 29196774	+	G	214	chr2:29196769-29196860
## 2479	chr2 29196774	-	G	38	chr2:29196769-29196860
## 2480	chr2 29196775	+	T	202	chr2:29196769-29196860
## 2481	chr2 29196775	-	T	38	chr2:29196769-29196860
## 2482	chr2 29196776	+	G	202	chr2:29196769-29196860
## 2483	chr2 29196776	-	G	44	chr2:29196769-29196860
## 2484	chr2 29196777	+	C	203	chr2:29196769-29196860
## 2485	chr2 29196777	-	C	44	chr2:29196769-29196860
## 2486	chr2 29196778	+	A	207	chr2:29196769-29196860
## 2487	chr2 29196778	-	A	44	chr2:29196769-29196860
## 2488	chr2 29196779	+	G	205	chr2:29196769-29196860
## 2489	chr2 29196779	-	G	43	chr2:29196769-29196860
## 2490	chr2 29196780	+	T	202	chr2:29196769-29196860
## 2491	chr2 29196780	-	T	42	chr2:29196769-29196860
## 2492	chr2 29196781	+	A	201	chr2:29196769-29196860
## 2493	chr2 29196781	-	A	47	chr2:29196769-29196860
## 2494	chr2 29196782	+	T	200	chr2:29196769-29196860
## 2495	chr2 29196782	-	T	43	chr2:29196769-29196860
## 2496	chr2 29196783	+	T	206	chr2:29196769-29196860
## 2497	chr2 29196783	-	T	43	chr2:29196769-29196860
## 2498	chr2 29196784	+	C	205	chr2:29196769-29196860
## 2499	chr2 29196784	-	C	42	chr2:29196769-29196860
## 2500	chr2 29196785	+	A	207	chr2:29196769-29196860
## 2501	chr2 29196785	-	A	42	chr2:29196769-29196860
## 2502	chr2 29196786	+	A	205	chr2:29196769-29196860
## 2503	chr2 29196786	-	A	40	chr2:29196769-29196860
## 2504	chr2 29196787	+	T	198	chr2:29196769-29196860
## 2505	chr2 29196787	-	T	45	chr2:29196769-29196860
## 2506	chr2 29196788	-	A	1	chr2:29196769-29196860

## 2507	chr2 29196788	+	C	200	chr2:29196769-29196860
## 2508	chr2 29196788	-	C	45	chr2:29196769-29196860
## 2509	chr2 29196789	+	C	192	chr2:29196769-29196860
## 2510	chr2 29196789	-	C	43	chr2:29196769-29196860
## 2511	chr2 29196790	+	T	194	chr2:29196769-29196860
## 2512	chr2 29196790	-	T	50	chr2:29196769-29196860
## 2513	chr2 29196791	+	C	182	chr2:29196769-29196860
## 2514	chr2 29196791	-	C	51	chr2:29196769-29196860
## 2515	chr2 29196792	+	T	181	chr2:29196769-29196860
## 2516	chr2 29196792	-	T	59	chr2:29196769-29196860
## 2517	chr2 29196793	+	C	182	chr2:29196769-29196860
## 2518	chr2 29196793	-	C	65	chr2:29196769-29196860
## 2519	chr2 29196794	+	C	177	chr2:29196769-29196860
## 2520	chr2 29196794	-	C	64	chr2:29196769-29196860
## 2521	chr2 29196795	+	A	182	chr2:29196769-29196860
## 2522	chr2 29196795	-	A	64	chr2:29196769-29196860
## 2523	chr2 29196796	+	A	181	chr2:29196769-29196860
## 2524	chr2 29196796	-	A	63	chr2:29196769-29196860
## 2525	chr2 29196797	+	A	180	chr2:29196769-29196860
## 2526	chr2 29196797	-	A	63	chr2:29196769-29196860
## 2527	chr2 29196798	+	A	179	chr2:29196769-29196860
## 2528	chr2 29196798	-	A	68	chr2:29196769-29196860
## 2529	chr2 29196799	+	T	171	chr2:29196769-29196860
## 2530	chr2 29196799	-	T	67	chr2:29196769-29196860
## 2531	chr2 29196800	+	G	168	chr2:29196769-29196860
## 2532	chr2 29196800	-	G	66	chr2:29196769-29196860
## 2533	chr2 29196801	+	A	152	chr2:29196769-29196860
## 2534	chr2 29196801	-	A	72	chr2:29196769-29196860
## 2535	chr2 29196802	+	T	152	chr2:29196769-29196860
## 2536	chr2 29196802	-	T	73	chr2:29196769-29196860
## 2537	chr2 29196803	+	G	147	chr2:29196769-29196860
## 2538	chr2 29196803	-	G	81	chr2:29196769-29196860
## 2539	chr2 29196804	+	G	145	chr2:29196769-29196860
## 2540	chr2 29196804	-	G	88	chr2:29196769-29196860
## 2541	chr2 29196805	+	C	144	chr2:29196769-29196860
## 2542	chr2 29196805	-	C	96	chr2:29196769-29196860
## 2543	chr2 29196806	+	A	148	chr2:29196769-29196860
## 2544	chr2 29196806	-	A	102	chr2:29196769-29196860
## 2545	chr2 29196807	+	A	148	chr2:29196769-29196860
## 2546	chr2 29196807	-	A	102	chr2:29196769-29196860
## 2547	chr2 29196808	+	A	147	chr2:29196769-29196860
## 2548	chr2 29196808	-	A	102	chr2:29196769-29196860
## 2549	chr2 29196809	+	G	148	chr2:29196769-29196860
## 2550	chr2 29196809	-	G	102	chr2:29196769-29196860
## 2551	chr2 29196810	-	C	1	chr2:29196769-29196860
## 2552	chr2 29196810	+	T	149	chr2:29196769-29196860
## 2553	chr2 29196810	-	T	101	chr2:29196769-29196860
## 2554	chr2 29196811	+	G	1	chr2:29196769-29196860
## 2555	chr2 29196811	+	T	148	chr2:29196769-29196860
## 2556	chr2 29196811	-	T	102	chr2:29196769-29196860
## 2557	chr2 29196812	+	G	149	chr2:29196769-29196860
## 2558	chr2 29196812	-	G	102	chr2:29196769-29196860
## 2559	chr2 29196813	+	C	1	chr2:29196769-29196860
## 2560	chr2 29196813	+	G	148	chr2:29196769-29196860

## 2561	chr2 29196813	-	G	102	chr2:29196769-29196860
## 2562	chr2 29196814	+	G	148	chr2:29196769-29196860
## 2563	chr2 29196814	-	G	102	chr2:29196769-29196860
## 2564	chr2 29196814	+	T	1	chr2:29196769-29196860
## 2565	chr2 29196815	+	C	148	chr2:29196769-29196860
## 2566	chr2 29196815	-	C	102	chr2:29196769-29196860
## 2567	chr2 29196815	+	G	1	chr2:29196769-29196860
## 2568	chr2 29196816	+	C	149	chr2:29196769-29196860
## 2569	chr2 29196816	-	C	102	chr2:29196769-29196860
## 2570	chr2 29196817	+	T	149	chr2:29196769-29196860
## 2571	chr2 29196817	-	T	102	chr2:29196769-29196860
## 2572	chr2 29196818	+	G	149	chr2:29196769-29196860
## 2573	chr2 29196818	-	G	102	chr2:29196769-29196860
## 2574	chr2 29196819	+	T	149	chr2:29196769-29196860
## 2575	chr2 29196819	-	T	102	chr2:29196769-29196860
## 2576	chr2 29196820	+	C	149	chr2:29196769-29196860
## 2577	chr2 29196820	-	C	102	chr2:29196769-29196860
## 2578	chr2 29196821	+	T	148	chr2:29196769-29196860
## 2579	chr2 29196821	-	T	103	chr2:29196769-29196860
## 2580	chr2 29196822	+	T	147	chr2:29196769-29196860
## 2581	chr2 29196822	-	T	104	chr2:29196769-29196860
## 2582	chr2 29196823	+	C	146	chr2:29196769-29196860
## 2583	chr2 29196823	-	C	105	chr2:29196769-29196860
## 2584	chr2 29196824	+	A	145	chr2:29196769-29196860
## 2585	chr2 29196824	-	A	106	chr2:29196769-29196860
## 2586	chr2 29196825	+	G	145	chr2:29196769-29196860
## 2587	chr2 29196825	-	G	106	chr2:29196769-29196860
## 2588	chr2 29196826	+	G	145	chr2:29196769-29196860
## 2589	chr2 29196826	-	G	106	chr2:29196769-29196860
## 2590	chr2 29196827	+	C	145	chr2:29196769-29196860
## 2591	chr2 29196827	-	C	106	chr2:29196769-29196860
## 2592	chr2 29196828	-	C	1	chr2:29196769-29196860
## 2593	chr2 29196828	+	T	145	chr2:29196769-29196860
## 2594	chr2 29196828	-	T	105	chr2:29196769-29196860
## 2595	chr2 29196829	+	G	145	chr2:29196769-29196860
## 2596	chr2 29196829	-	G	106	chr2:29196769-29196860
## 2597	chr2 29196830	+	A	144	chr2:29196769-29196860
## 2598	chr2 29196830	-	A	106	chr2:29196769-29196860
## 2599	chr2 29196831	+	T	144	chr2:29196769-29196860
## 2600	chr2 29196831	-	T	106	chr2:29196769-29196860
## 2601	chr2 29196832	+	G	144	chr2:29196769-29196860
## 2602	chr2 29196832	-	G	106	chr2:29196769-29196860
## 2603	chr2 29196833	+	T	144	chr2:29196769-29196860
## 2604	chr2 29196833	-	T	106	chr2:29196769-29196860
## 2605	chr2 29196834	-	C	1	chr2:29196769-29196860
## 2606	chr2 29196834	+	T	143	chr2:29196769-29196860
## 2607	chr2 29196834	-	T	105	chr2:29196769-29196860
## 2608	chr2 29196835	+	G	142	chr2:29196769-29196860
## 2609	chr2 29196835	-	G	107	chr2:29196769-29196860
## 2610	chr2 29196836	+	C	143	chr2:29196769-29196860
## 2611	chr2 29196836	-	C	107	chr2:29196769-29196860
## 2612	chr2 29196837	+	C	142	chr2:29196769-29196860
## 2613	chr2 29196837	-	C	108	chr2:29196769-29196860
## 2614	chr2 29196838	+	A	142	chr2:29196769-29196860

## 2615	chr2 29196838	-	A	109	chr2:29196769-29196860
## 2616	chr2 29196839	+	G	143	chr2:29196769-29196860
## 2617	chr2 29196839	-	G	109	chr2:29196769-29196860
## 2618	chr2 29196840	+	C	144	chr2:29196769-29196860
## 2619	chr2 29196840	-	C	109	chr2:29196769-29196860
## 2620	chr2 29196841	+	A	141	chr2:29196769-29196860
## 2621	chr2 29196841	-	A	109	chr2:29196769-29196860
## 2622	chr2 29196841	+	G	2	chr2:29196769-29196860
## 2623	chr2 29196841	-	G	1	chr2:29196769-29196860
## 2624	chr2 29196842	+	C	142	chr2:29196769-29196860
## 2625	chr2 29196842	-	C	110	chr2:29196769-29196860
## 2626	chr2 29196843	+	T	143	chr2:29196769-29196860
## 2627	chr2 29196843	-	T	110	chr2:29196769-29196860
## 2628	chr2 29196844	+	G	143	chr2:29196769-29196860
## 2629	chr2 29196844	-	G	110	chr2:29196769-29196860
## 2630	chr2 29196845	+	A	143	chr2:29196769-29196860
## 2631	chr2 29196845	-	A	110	chr2:29196769-29196860
## 2632	chr2 29196846	+	G	143	chr2:29196769-29196860
## 2633	chr2 29196846	-	G	110	chr2:29196769-29196860
## 2634	chr2 29196847	-	G	2	chr2:29196769-29196860
## 2635	chr2 29196847	+	T	142	chr2:29196769-29196860
## 2636	chr2 29196847	-	T	109	chr2:29196769-29196860
## 2637	chr2 29196848	+	C	141	chr2:29196769-29196860
## 2638	chr2 29196848	-	C	110	chr2:29196769-29196860
## 2639	chr2 29196849	+	A	141	chr2:29196769-29196860
## 2640	chr2 29196849	-	A	111	chr2:29196769-29196860
## 2641	chr2 29196850	+	T	141	chr2:29196769-29196860
## 2642	chr2 29196850	-	T	111	chr2:29196769-29196860
## 2643	chr2 29196851	+	T	140	chr2:29196769-29196860
## 2644	chr2 29196851	-	T	105	chr2:29196769-29196860
## 2645	chr2 29196852	+	A	135	chr2:29196769-29196860
## 2646	chr2 29196852	-	A	111	chr2:29196769-29196860
## 2647	chr2 29196853	+	T	130	chr2:29196769-29196860
## 2648	chr2 29196853	-	T	116	chr2:29196769-29196860
## 2649	chr2 29196854	+	C	131	chr2:29196769-29196860
## 2650	chr2 29196854	-	C	119	chr2:29196769-29196860
## 2651	chr2 29196855	+	C	129	chr2:29196769-29196860
## 2652	chr2 29196855	-	C	120	chr2:29196769-29196860
## 2653	chr2 29196856	+	G	128	chr2:29196769-29196860
## 2654	chr2 29196856	-	G	113	chr2:29196769-29196860
## 2655	chr2 29196856	-	T	2	chr2:29196769-29196860
## 2656	chr2 29196857	+	G	125	chr2:29196769-29196860
## 2657	chr2 29196857	-	G	116	chr2:29196769-29196860
## 2658	chr2 29196858	+	T	118	chr2:29196769-29196860
## 2659	chr2 29196858	-	T	117	chr2:29196769-29196860
## 2660	chr2 29196859	+	A	116	chr2:29196769-29196860
## 2661	chr2 29196859	-	A	118	chr2:29196769-29196860
## 2662	chr2 29196860	+	T	113	chr2:29196769-29196860
## 2663	chr2 29196860	-	T	119	chr2:29196769-29196860
## 2664	chr2 29197541	+	C	268	chr2:29197541-29197676
## 2665	chr2 29197541	-	C	31	chr2:29197541-29197676
## 2666	chr2 29197541	+	T	1	chr2:29197541-29197676
## 2667	chr2 29197542	+	A	256	chr2:29197541-29197676
## 2668	chr2 29197542	-	A	30	chr2:29197541-29197676

## 2669	chr2 29197543	+	C	256	chr2:29197541-29197676
## 2670	chr2 29197543	-	C	31	chr2:29197541-29197676
## 2671	chr2 29197544	+	A	247	chr2:29197541-29197676
## 2672	chr2 29197544	-	A	29	chr2:29197541-29197676
## 2673	chr2 29197545	+	G	236	chr2:29197541-29197676
## 2674	chr2 29197545	-	G	26	chr2:29197541-29197676
## 2675	chr2 29197546	+	G	235	chr2:29197541-29197676
## 2676	chr2 29197546	-	G	26	chr2:29197541-29197676
## 2677	chr2 29197547	+	C	231	chr2:29197541-29197676
## 2678	chr2 29197547	-	C	24	chr2:29197541-29197676
## 2679	chr2 29197548	+	C	225	chr2:29197541-29197676
## 2680	chr2 29197548	-	C	24	chr2:29197541-29197676
## 2681	chr2 29197549	+	A	1	chr2:29197541-29197676
## 2682	chr2 29197549	+	C	212	chr2:29197541-29197676
## 2683	chr2 29197549	-	C	22	chr2:29197541-29197676
## 2684	chr2 29197550	+	A	208	chr2:29197541-29197676
## 2685	chr2 29197550	-	A	26	chr2:29197541-29197676
## 2686	chr2 29197551	+	G	212	chr2:29197541-29197676
## 2687	chr2 29197551	-	G	33	chr2:29197541-29197676
## 2688	chr2 29197552	+	G	212	chr2:29197541-29197676
## 2689	chr2 29197552	-	G	36	chr2:29197541-29197676
## 2690	chr2 29197552	+	T	2	chr2:29197541-29197676
## 2691	chr2 29197552	-	T	1	chr2:29197541-29197676
## 2692	chr2 29197553	+	G	211	chr2:29197541-29197676
## 2693	chr2 29197553	-	G	36	chr2:29197541-29197676
## 2694	chr2 29197554	+	A	1	chr2:29197541-29197676
## 2695	chr2 29197554	+	C	211	chr2:29197541-29197676
## 2696	chr2 29197554	-	C	36	chr2:29197541-29197676
## 2697	chr2 29197555	+	A	202	chr2:29197541-29197676
## 2698	chr2 29197555	-	A	35	chr2:29197541-29197676
## 2699	chr2 29197556	+	G	185	chr2:29197541-29197676
## 2700	chr2 29197556	-	G	37	chr2:29197541-29197676
## 2701	chr2 29197557	+	T	187	chr2:29197541-29197676
## 2702	chr2 29197557	-	T	35	chr2:29197541-29197676
## 2703	chr2 29197558	+	T	180	chr2:29197541-29197676
## 2704	chr2 29197558	-	T	38	chr2:29197541-29197676
## 2705	chr2 29197559	+	C	179	chr2:29197541-29197676
## 2706	chr2 29197559	-	C	38	chr2:29197541-29197676
## 2707	chr2 29197560	+	T	181	chr2:29197541-29197676
## 2708	chr2 29197560	-	T	43	chr2:29197541-29197676
## 2709	chr2 29197561	+	T	168	chr2:29197541-29197676
## 2710	chr2 29197561	-	T	46	chr2:29197541-29197676
## 2711	chr2 29197562	+	G	163	chr2:29197541-29197676
## 2712	chr2 29197562	-	G	56	chr2:29197541-29197676
## 2713	chr2 29197563	+	G	158	chr2:29197541-29197676
## 2714	chr2 29197563	-	G	71	chr2:29197541-29197676
## 2715	chr2 29197564	+	G	152	chr2:29197541-29197676
## 2716	chr2 29197564	-	G	71	chr2:29197541-29197676
## 2717	chr2 29197565	-	G	2	chr2:29197541-29197676
## 2718	chr2 29197565	+	T	139	chr2:29197541-29197676
## 2719	chr2 29197565	-	T	70	chr2:29197541-29197676
## 2720	chr2 29197566	+	G	130	chr2:29197541-29197676
## 2721	chr2 29197566	-	G	79	chr2:29197541-29197676
## 2722	chr2 29197567	+	G	122	chr2:29197541-29197676

## 2723	chr2 29197567	-	G	80	chr2:29197541-29197676
## 2724	chr2 29197568	+	G	124	chr2:29197541-29197676
## 2725	chr2 29197568	-	G	81	chr2:29197541-29197676
## 2726	chr2 29197569	+	T	132	chr2:29197541-29197676
## 2727	chr2 29197569	-	T	93	chr2:29197541-29197676
## 2728	chr2 29197570	+	C	138	chr2:29197541-29197676
## 2729	chr2 29197570	-	C	102	chr2:29197541-29197676
## 2730	chr2 29197571	+	C	140	chr2:29197541-29197676
## 2731	chr2 29197571	-	C	110	chr2:29197541-29197676
## 2732	chr2 29197572	+	A	140	chr2:29197541-29197676
## 2733	chr2 29197572	-	A	110	chr2:29197541-29197676
## 2734	chr2 29197573	+	T	140	chr2:29197541-29197676
## 2735	chr2 29197573	-	T	110	chr2:29197541-29197676
## 2736	chr2 29197574	+	C	140	chr2:29197541-29197676
## 2737	chr2 29197574	-	C	110	chr2:29197541-29197676
## 2738	chr2 29197575	+	A	1	chr2:29197541-29197676
## 2739	chr2 29197575	+	C	139	chr2:29197541-29197676
## 2740	chr2 29197575	-	C	110	chr2:29197541-29197676
## 2741	chr2 29197576	+	G	139	chr2:29197541-29197676
## 2742	chr2 29197576	-	G	110	chr2:29197541-29197676
## 2743	chr2 29197576	+	T	1	chr2:29197541-29197676
## 2744	chr2 29197577	+	G	140	chr2:29197541-29197676
## 2745	chr2 29197577	-	G	110	chr2:29197541-29197676
## 2746	chr2 29197578	+	C	140	chr2:29197541-29197676
## 2747	chr2 29197578	-	C	110	chr2:29197541-29197676
## 2748	chr2 29197579	+	C	140	chr2:29197541-29197676
## 2749	chr2 29197579	-	C	110	chr2:29197541-29197676
## 2750	chr2 29197580	+	T	140	chr2:29197541-29197676
## 2751	chr2 29197580	-	T	110	chr2:29197541-29197676
## 2752	chr2 29197581	+	C	140	chr2:29197541-29197676
## 2753	chr2 29197581	-	C	110	chr2:29197541-29197676
## 2754	chr2 29197582	+	C	140	chr2:29197541-29197676
## 2755	chr2 29197582	-	C	110	chr2:29197541-29197676
## 2756	chr2 29197583	+	A	140	chr2:29197541-29197676
## 2757	chr2 29197583	-	A	110	chr2:29197541-29197676
## 2758	chr2 29197584	+	C	140	chr2:29197541-29197676
## 2759	chr2 29197584	-	C	110	chr2:29197541-29197676
## 2760	chr2 29197585	+	T	140	chr2:29197541-29197676
## 2761	chr2 29197585	-	T	110	chr2:29197541-29197676
## 2762	chr2 29197586	+	G	140	chr2:29197541-29197676
## 2763	chr2 29197586	-	G	110	chr2:29197541-29197676
## 2764	chr2 29197587	+	G	140	chr2:29197541-29197676
## 2765	chr2 29197587	-	G	110	chr2:29197541-29197676
## 2766	chr2 29197588	+	T	140	chr2:29197541-29197676
## 2767	chr2 29197588	-	T	110	chr2:29197541-29197676
## 2768	chr2 29197589	+	G	140	chr2:29197541-29197676
## 2769	chr2 29197589	-	G	110	chr2:29197541-29197676
## 2770	chr2 29197590	+	A	140	chr2:29197541-29197676
## 2771	chr2 29197590	-	A	110	chr2:29197541-29197676
## 2772	chr2 29197591	+	C	139	chr2:29197541-29197676
## 2773	chr2 29197591	-	C	110	chr2:29197541-29197676
## 2774	chr2 29197591	+	G	1	chr2:29197541-29197676
## 2775	chr2 29197592	+	A	140	chr2:29197541-29197676
## 2776	chr2 29197592	-	A	110	chr2:29197541-29197676

## 2777	chr2 29197593	+	A	140	chr2:29197541-29197676
## 2778	chr2 29197593	-	A	110	chr2:29197541-29197676
## 2779	chr2 29197594	+	A	139	chr2:29197541-29197676
## 2780	chr2 29197594	-	A	110	chr2:29197541-29197676
## 2781	chr2 29197594	+	C	1	chr2:29197541-29197676
## 2782	chr2 29197595	+	C	140	chr2:29197541-29197676
## 2783	chr2 29197595	-	C	110	chr2:29197541-29197676
## 2784	chr2 29197596	+	T	140	chr2:29197541-29197676
## 2785	chr2 29197596	-	T	110	chr2:29197541-29197676
## 2786	chr2 29197597	+	C	140	chr2:29197541-29197676
## 2787	chr2 29197597	-	C	110	chr2:29197541-29197676
## 2788	chr2 29197598	+	C	140	chr2:29197541-29197676
## 2789	chr2 29197598	-	C	110	chr2:29197541-29197676
## 2790	chr2 29197599	+	A	140	chr2:29197541-29197676
## 2791	chr2 29197599	-	A	110	chr2:29197541-29197676
## 2792	chr2 29197600	+	G	140	chr2:29197541-29197676
## 2793	chr2 29197600	-	G	110	chr2:29197541-29197676
## 2794	chr2 29197601	+	A	140	chr2:29197541-29197676
## 2795	chr2 29197601	-	A	110	chr2:29197541-29197676
## 2796	chr2 29197602	+	A	140	chr2:29197541-29197676
## 2797	chr2 29197602	-	A	110	chr2:29197541-29197676
## 2798	chr2 29197603	+	C	139	chr2:29197541-29197676
## 2799	chr2 29197603	-	C	110	chr2:29197541-29197676
## 2800	chr2 29197604	+	T	141	chr2:29197541-29197676
## 2801	chr2 29197604	-	T	110	chr2:29197541-29197676
## 2802	chr2 29197605	+	T	141	chr2:29197541-29197676
## 2803	chr2 29197605	-	T	110	chr2:29197541-29197676
## 2804	chr2 29197606	+	C	141	chr2:29197541-29197676
## 2805	chr2 29197606	-	C	110	chr2:29197541-29197676
## 2806	chr2 29197607	+	C	141	chr2:29197541-29197676
## 2807	chr2 29197607	-	C	110	chr2:29197541-29197676
## 2808	chr2 29197608	-	C	1	chr2:29197541-29197676
## 2809	chr2 29197608	+	T	141	chr2:29197541-29197676
## 2810	chr2 29197608	-	T	108	chr2:29197541-29197676
## 2811	chr2 29197609	+	G	141	chr2:29197541-29197676
## 2812	chr2 29197609	-	G	109	chr2:29197541-29197676
## 2813	chr2 29197610	+	G	141	chr2:29197541-29197676
## 2814	chr2 29197610	-	G	109	chr2:29197541-29197676
## 2815	chr2 29197611	+	T	141	chr2:29197541-29197676
## 2816	chr2 29197611	-	T	109	chr2:29197541-29197676
## 2817	chr2 29197612	+	T	139	chr2:29197541-29197676
## 2818	chr2 29197612	-	T	109	chr2:29197541-29197676
## 2819	chr2 29197613	+	G	141	chr2:29197541-29197676
## 2820	chr2 29197613	-	G	109	chr2:29197541-29197676
## 2821	chr2 29197614	+	A	1	chr2:29197541-29197676
## 2822	chr2 29197614	+	C	140	chr2:29197541-29197676
## 2823	chr2 29197614	-	C	109	chr2:29197541-29197676
## 2824	chr2 29197615	+	T	141	chr2:29197541-29197676
## 2825	chr2 29197615	-	T	109	chr2:29197541-29197676
## 2826	chr2 29197616	+	T	141	chr2:29197541-29197676
## 2827	chr2 29197616	-	T	109	chr2:29197541-29197676
## 2828	chr2 29197617	+	T	141	chr2:29197541-29197676
## 2829	chr2 29197617	-	T	109	chr2:29197541-29197676
## 2830	chr2 29197618	+	T	142	chr2:29197541-29197676

## 2831	chr2 29197618	-	T	108	chr2:29197541-29197676
## 2832	chr2 29197619	+	G	141	chr2:29197541-29197676
## 2833	chr2 29197619	-	G	109	chr2:29197541-29197676
## 2834	chr2 29197620	+	C	141	chr2:29197541-29197676
## 2835	chr2 29197620	-	C	109	chr2:29197541-29197676
## 2836	chr2 29197621	+	T	141	chr2:29197541-29197676
## 2837	chr2 29197621	-	T	109	chr2:29197541-29197676
## 2838	chr2 29197622	+	G	141	chr2:29197541-29197676
## 2839	chr2 29197622	-	G	109	chr2:29197541-29197676
## 2840	chr2 29197623	+	G	140	chr2:29197541-29197676
## 2841	chr2 29197623	-	G	110	chr2:29197541-29197676
## 2842	chr2 29197624	+	G	139	chr2:29197541-29197676
## 2843	chr2 29197624	-	G	110	chr2:29197541-29197676
## 2844	chr2 29197625	+	G	134	chr2:29197541-29197676
## 2845	chr2 29197625	-	G	105	chr2:29197541-29197676
## 2846	chr2 29197626	+	T	128	chr2:29197541-29197676
## 2847	chr2 29197626	-	T	101	chr2:29197541-29197676
## 2848	chr2 29197627	+	A	132	chr2:29197541-29197676
## 2849	chr2 29197627	-	A	99	chr2:29197541-29197676
## 2850	chr2 29197628	+	T	135	chr2:29197541-29197676
## 2851	chr2 29197628	-	T	105	chr2:29197541-29197676
## 2852	chr2 29197629	+	G	133	chr2:29197541-29197676
## 2853	chr2 29197629	-	G	113	chr2:29197541-29197676
## 2854	chr2 29197630	+	G	129	chr2:29197541-29197676
## 2855	chr2 29197630	-	G	117	chr2:29197541-29197676
## 2856	chr2 29197630	+	T	1	chr2:29197541-29197676
## 2857	chr2 29197631	+	C	134	chr2:29197541-29197676
## 2858	chr2 29197631	-	C	114	chr2:29197541-29197676
## 2859	chr2 29197632	+	A	121	chr2:29197541-29197676
## 2860	chr2 29197632	-	A	117	chr2:29197541-29197676
## 2861	chr2 29197633	+	T	114	chr2:29197541-29197676
## 2862	chr2 29197633	-	T	125	chr2:29197541-29197676
## 2863	chr2 29197634	+	A	116	chr2:29197541-29197676
## 2864	chr2 29197634	-	A	129	chr2:29197541-29197676
## 2865	chr2 29197635	+	A	1	chr2:29197541-29197676
## 2866	chr2 29197635	+	T	115	chr2:29197541-29197676
## 2867	chr2 29197635	-	T	125	chr2:29197541-29197676
## 2868	chr2 29197636	+	A	119	chr2:29197541-29197676
## 2869	chr2 29197636	-	A	126	chr2:29197541-29197676
## 2870	chr2 29197636	+	G	1	chr2:29197541-29197676
## 2871	chr2 29197637	+	T	119	chr2:29197541-29197676
## 2872	chr2 29197637	-	T	119	chr2:29197541-29197676
## 2873	chr2 29197638	+	C	121	chr2:29197541-29197676
## 2874	chr2 29197638	-	C	114	chr2:29197541-29197676
## 2875	chr2 29197639	+	C	116	chr2:29197541-29197676
## 2876	chr2 29197639	-	C	119	chr2:29197541-29197676
## 2877	chr2 29197640	+	A	115	chr2:29197541-29197676
## 2878	chr2 29197640	-	A	120	chr2:29197541-29197676
## 2879	chr2 29197641	+	A	116	chr2:29197541-29197676
## 2880	chr2 29197641	-	A	119	chr2:29197541-29197676
## 2881	chr2 29197642	+	G	115	chr2:29197541-29197676
## 2882	chr2 29197642	-	G	126	chr2:29197541-29197676
## 2883	chr2 29197643	+	A	113	chr2:29197541-29197676
## 2884	chr2 29197643	-	A	132	chr2:29197541-29197676

## 2885	chr2 29197644	+	G	109	chr2:29197541-29197676
## 2886	chr2 29197644	-	G	121	chr2:29197541-29197676
## 2887	chr2 29197645	+	A	104	chr2:29197541-29197676
## 2888	chr2 29197645	-	A	118	chr2:29197541-29197676
## 2889	chr2 29197646	+	A	102	chr2:29197541-29197676
## 2890	chr2 29197646	-	A	116	chr2:29197541-29197676
## 2891	chr2 29197647	+	A	101	chr2:29197541-29197676
## 2892	chr2 29197647	-	A	128	chr2:29197541-29197676
## 2893	chr2 29197648	+	A	100	chr2:29197541-29197676
## 2894	chr2 29197648	-	A	129	chr2:29197541-29197676
## 2895	chr2 29197649	+	G	101	chr2:29197541-29197676
## 2896	chr2 29197649	-	G	130	chr2:29197541-29197676
## 2897	chr2 29197650	+	A	100	chr2:29197541-29197676
## 2898	chr2 29197650	-	A	137	chr2:29197541-29197676
## 2899	chr2 29197651	+	T	99	chr2:29197541-29197676
## 2900	chr2 29197651	-	T	150	chr2:29197541-29197676
## 2901	chr2 29197652	+	T	99	chr2:29197541-29197676
## 2902	chr2 29197652	-	T	151	chr2:29197541-29197676
## 2903	chr2 29197653	+	T	99	chr2:29197541-29197676
## 2904	chr2 29197653	-	T	151	chr2:29197541-29197676
## 2905	chr2 29197654	+	C	99	chr2:29197541-29197676
## 2906	chr2 29197654	-	C	151	chr2:29197541-29197676
## 2907	chr2 29197655	+	C	98	chr2:29197541-29197676
## 2908	chr2 29197655	-	C	152	chr2:29197541-29197676
## 2909	chr2 29197656	+	C	96	chr2:29197541-29197676
## 2910	chr2 29197656	-	C	153	chr2:29197541-29197676
## 2911	chr2 29197656	+	G	1	chr2:29197541-29197676
## 2912	chr2 29197657	+	A	97	chr2:29197541-29197676
## 2913	chr2 29197657	-	A	152	chr2:29197541-29197676
## 2914	chr2 29197657	-	G	1	chr2:29197541-29197676
## 2915	chr2 29197658	+	T	96	chr2:29197541-29197676
## 2916	chr2 29197658	-	T	154	chr2:29197541-29197676
## 2917	chr2 29197659	+	A	96	chr2:29197541-29197676
## 2918	chr2 29197659	-	A	154	chr2:29197541-29197676
## 2919	chr2 29197660	+	G	96	chr2:29197541-29197676
## 2920	chr2 29197660	-	G	154	chr2:29197541-29197676
## 2921	chr2 29197661	+	C	96	chr2:29197541-29197676
## 2922	chr2 29197661	-	C	154	chr2:29197541-29197676
## 2923	chr2 29197662	+	A	96	chr2:29197541-29197676
## 2924	chr2 29197662	-	A	154	chr2:29197541-29197676
## 2925	chr2 29197663	+	G	95	chr2:29197541-29197676
## 2926	chr2 29197663	-	G	155	chr2:29197541-29197676
## 2927	chr2 29197664	+	C	95	chr2:29197541-29197676
## 2928	chr2 29197664	-	C	155	chr2:29197541-29197676
## 2929	chr2 29197665	+	A	94	chr2:29197541-29197676
## 2930	chr2 29197665	-	A	156	chr2:29197541-29197676
## 2931	chr2 29197666	+	C	94	chr2:29197541-29197676
## 2932	chr2 29197666	-	C	156	chr2:29197541-29197676
## 2933	chr2 29197667	+	T	93	chr2:29197541-29197676
## 2934	chr2 29197667	-	T	157	chr2:29197541-29197676
## 2935	chr2 29197668	+	C	93	chr2:29197541-29197676
## 2936	chr2 29197668	-	C	157	chr2:29197541-29197676
## 2937	chr2 29197669	+	C	93	chr2:29197541-29197676
## 2938	chr2 29197669	-	C	157	chr2:29197541-29197676

## 2939	chr2 29197670	+	A	92	chr2:29197541-29197676
## 2940	chr2 29197670	-	A	158	chr2:29197541-29197676
## 2941	chr2 29197671	+	A	91	chr2:29197541-29197676
## 2942	chr2 29197671	-	A	159	chr2:29197541-29197676
## 2943	chr2 29197672	+	A	90	chr2:29197541-29197676
## 2944	chr2 29197672	-	A	160	chr2:29197541-29197676
## 2945	chr2 29197673	+	G	90	chr2:29197541-29197676
## 2946	chr2 29197673	-	G	160	chr2:29197541-29197676
## 2947	chr2 29197674	+	G	89	chr2:29197541-29197676
## 2948	chr2 29197674	-	G	161	chr2:29197541-29197676
## 2949	chr2 29197675	+	A	88	chr2:29197541-29197676
## 2950	chr2 29197675	-	A	162	chr2:29197541-29197676
## 2951	chr2 29197676	+	C	87	chr2:29197541-29197676
## 2952	chr2 29197676	-	C	162	chr2:29197541-29197676
## 2953	chr2 29207170	+	C	243	chr2:29207170-29207272
## 2954	chr2 29207170	-	C	62	chr2:29207170-29207272
## 2955	chr2 29207171	+	C	225	chr2:29207170-29207272
## 2956	chr2 29207171	-	C	59	chr2:29207170-29207272
## 2957	chr2 29207172	+	A	215	chr2:29207170-29207272
## 2958	chr2 29207172	-	A	59	chr2:29207170-29207272
## 2959	chr2 29207173	+	T	199	chr2:29207170-29207272
## 2960	chr2 29207173	-	T	59	chr2:29207170-29207272
## 2961	chr2 29207174	+	G	191	chr2:29207170-29207272
## 2962	chr2 29207174	-	G	59	chr2:29207170-29207272
## 2963	chr2 29207175	+	T	181	chr2:29207170-29207272
## 2964	chr2 29207175	-	T	59	chr2:29207170-29207272
## 2965	chr2 29207176	+	G	170	chr2:29207170-29207272
## 2966	chr2 29207176	-	G	63	chr2:29207170-29207272
## 2967	chr2 29207177	+	T	170	chr2:29207170-29207272
## 2968	chr2 29207177	-	T	68	chr2:29207170-29207272
## 2969	chr2 29207178	+	A	1	chr2:29207170-29207272
## 2970	chr2 29207178	+	C	164	chr2:29207170-29207272
## 2971	chr2 29207178	-	C	63	chr2:29207170-29207272
## 2972	chr2 29207179	+	T	154	chr2:29207170-29207272
## 2973	chr2 29207179	-	T	70	chr2:29207170-29207272
## 2974	chr2 29207180	+	G	138	chr2:29207170-29207272
## 2975	chr2 29207180	-	G	70	chr2:29207170-29207272
## 2976	chr2 29207181	+	T	143	chr2:29207170-29207272
## 2977	chr2 29207181	-	T	74	chr2:29207170-29207272
## 2978	chr2 29207182	+	A	1	chr2:29207170-29207272
## 2979	chr2 29207182	+	T	135	chr2:29207170-29207272
## 2980	chr2 29207182	-	T	71	chr2:29207170-29207272
## 2981	chr2 29207183	+	T	137	chr2:29207170-29207272
## 2982	chr2 29207183	-	T	71	chr2:29207170-29207272
## 2983	chr2 29207184	+	T	133	chr2:29207170-29207272
## 2984	chr2 29207184	-	T	64	chr2:29207170-29207272
## 2985	chr2 29207185	+	A	140	chr2:29207170-29207272
## 2986	chr2 29207185	-	A	81	chr2:29207170-29207272
## 2987	chr2 29207186	+	C	1	chr2:29207170-29207272
## 2988	chr2 29207186	+	G	145	chr2:29207170-29207272
## 2989	chr2 29207186	-	G	82	chr2:29207170-29207272
## 2990	chr2 29207187	+	A	148	chr2:29207170-29207272
## 2991	chr2 29207187	-	A	80	chr2:29207170-29207272
## 2992	chr2 29207188	+	A	136	chr2:29207170-29207272

## 2993	chr2 29207188	-	A	89	chr2:29207170-29207272
## 2994	chr2 29207189	+	G	136	chr2:29207170-29207272
## 2995	chr2 29207189	-	G	86	chr2:29207170-29207272
## 2996	chr2 29207190	+	T	139	chr2:29207170-29207272
## 2997	chr2 29207190	-	T	94	chr2:29207170-29207272
## 2998	chr2 29207191	+	G	142	chr2:29207170-29207272
## 2999	chr2 29207191	-	G	104	chr2:29207170-29207272
## 3000	chr2 29207192	+	A	146	chr2:29207170-29207272
## 3001	chr2 29207192	-	A	104	chr2:29207170-29207272
## 3002	chr2 29207193	+	A	146	chr2:29207170-29207272
## 3003	chr2 29207193	-	A	104	chr2:29207170-29207272
## 3004	chr2 29207194	+	T	146	chr2:29207170-29207272
## 3005	chr2 29207194	-	T	104	chr2:29207170-29207272
## 3006	chr2 29207195	+	A	146	chr2:29207170-29207272
## 3007	chr2 29207195	-	A	104	chr2:29207170-29207272
## 3008	chr2 29207196	+	T	146	chr2:29207170-29207272
## 3009	chr2 29207196	-	T	104	chr2:29207170-29207272
## 3010	chr2 29207197	+	T	146	chr2:29207170-29207272
## 3011	chr2 29207197	-	T	104	chr2:29207170-29207272
## 3012	chr2 29207198	+	C	145	chr2:29207170-29207272
## 3013	chr2 29207198	-	C	105	chr2:29207170-29207272
## 3014	chr2 29207199	+	C	145	chr2:29207170-29207272
## 3015	chr2 29207199	-	C	105	chr2:29207170-29207272
## 3016	chr2 29207200	+	T	145	chr2:29207170-29207272
## 3017	chr2 29207200	-	T	105	chr2:29207170-29207272
## 3018	chr2 29207201	+	T	145	chr2:29207170-29207272
## 3019	chr2 29207201	-	T	105	chr2:29207170-29207272
## 3020	chr2 29207202	+	C	145	chr2:29207170-29207272
## 3021	chr2 29207202	-	C	105	chr2:29207170-29207272
## 3022	chr2 29207203	+	C	145	chr2:29207170-29207272
## 3023	chr2 29207203	-	C	105	chr2:29207170-29207272
## 3024	chr2 29207204	+	A	145	chr2:29207170-29207272
## 3025	chr2 29207204	-	A	105	chr2:29207170-29207272
## 3026	chr2 29207205	+	T	145	chr2:29207170-29207272
## 3027	chr2 29207205	-	T	105	chr2:29207170-29207272
## 3028	chr2 29207206	+	G	144	chr2:29207170-29207272
## 3029	chr2 29207206	-	G	105	chr2:29207170-29207272
## 3030	chr2 29207207	+	A	146	chr2:29207170-29207272
## 3031	chr2 29207207	-	A	105	chr2:29207170-29207272
## 3032	chr2 29207208	+	A	145	chr2:29207170-29207272
## 3033	chr2 29207208	-	A	105	chr2:29207170-29207272
## 3034	chr2 29207208	+	G	1	chr2:29207170-29207272
## 3035	chr2 29207209	+	G	146	chr2:29207170-29207272
## 3036	chr2 29207209	-	G	105	chr2:29207170-29207272
## 3037	chr2 29207210	+	G	146	chr2:29207170-29207272
## 3038	chr2 29207210	-	G	105	chr2:29207170-29207272
## 3039	chr2 29207211	+	C	145	chr2:29207170-29207272
## 3040	chr2 29207211	-	C	105	chr2:29207170-29207272
## 3041	chr2 29207211	+	G	1	chr2:29207170-29207272
## 3042	chr2 29207212	+	C	146	chr2:29207170-29207272
## 3043	chr2 29207212	-	C	105	chr2:29207170-29207272
## 3044	chr2 29207213	+	T	146	chr2:29207170-29207272
## 3045	chr2 29207213	-	T	105	chr2:29207170-29207272
## 3046	chr2 29207214	+	C	146	chr2:29207170-29207272

## 3047	chr2 29207214	-	C	105	chr2:29207170-29207272
## 3048	chr2 29207215	+	A	1	chr2:29207170-29207272
## 3049	chr2 29207215	+	T	145	chr2:29207170-29207272
## 3050	chr2 29207215	-	T	105	chr2:29207170-29207272
## 3051	chr2 29207216	+	G	145	chr2:29207170-29207272
## 3052	chr2 29207216	-	G	106	chr2:29207170-29207272
## 3053	chr2 29207217	+	G	144	chr2:29207170-29207272
## 3054	chr2 29207217	-	G	107	chr2:29207170-29207272
## 3055	chr2 29207218	+	G	144	chr2:29207170-29207272
## 3056	chr2 29207218	-	G	107	chr2:29207170-29207272
## 3057	chr2 29207219	+	G	144	chr2:29207170-29207272
## 3058	chr2 29207219	-	G	107	chr2:29207170-29207272
## 3059	chr2 29207220	+	G	144	chr2:29207170-29207272
## 3060	chr2 29207220	-	G	107	chr2:29207170-29207272
## 3061	chr2 29207221	+	C	143	chr2:29207170-29207272
## 3062	chr2 29207221	-	C	108	chr2:29207170-29207272
## 3063	chr2 29207222	+	A	143	chr2:29207170-29207272
## 3064	chr2 29207222	-	A	108	chr2:29207170-29207272
## 3065	chr2 29207223	+	T	143	chr2:29207170-29207272
## 3066	chr2 29207223	-	T	108	chr2:29207170-29207272
## 3067	chr2 29207224	+	C	142	chr2:29207170-29207272
## 3068	chr2 29207224	-	C	108	chr2:29207170-29207272
## 3069	chr2 29207225	+	C	141	chr2:29207170-29207272
## 3070	chr2 29207225	-	C	108	chr2:29207170-29207272
## 3071	chr2 29207225	+	T	1	chr2:29207170-29207272
## 3072	chr2 29207226	+	A	142	chr2:29207170-29207272
## 3073	chr2 29207226	-	A	107	chr2:29207170-29207272
## 3074	chr2 29207226	-	G	1	chr2:29207170-29207272
## 3075	chr2 29207227	+	C	142	chr2:29207170-29207272
## 3076	chr2 29207227	-	C	108	chr2:29207170-29207272
## 3077	chr2 29207228	+	T	142	chr2:29207170-29207272
## 3078	chr2 29207228	-	T	108	chr2:29207170-29207272
## 3079	chr2 29207229	+	T	142	chr2:29207170-29207272
## 3080	chr2 29207229	-	T	108	chr2:29207170-29207272
## 3081	chr2 29207230	+	A	141	chr2:29207170-29207272
## 3082	chr2 29207230	-	A	109	chr2:29207170-29207272
## 3083	chr2 29207231	+	A	141	chr2:29207170-29207272
## 3084	chr2 29207231	-	A	109	chr2:29207170-29207272
## 3085	chr2 29207232	+	C	141	chr2:29207170-29207272
## 3086	chr2 29207232	-	C	109	chr2:29207170-29207272
## 3087	chr2 29207233	+	T	141	chr2:29207170-29207272
## 3088	chr2 29207233	-	T	109	chr2:29207170-29207272
## 3089	chr2 29207234	+	G	141	chr2:29207170-29207272
## 3090	chr2 29207234	-	G	109	chr2:29207170-29207272
## 3091	chr2 29207235	+	G	140	chr2:29207170-29207272
## 3092	chr2 29207235	-	G	109	chr2:29207170-29207272
## 3093	chr2 29207235	+	T	1	chr2:29207170-29207272
## 3094	chr2 29207236	+	C	142	chr2:29207170-29207272
## 3095	chr2 29207236	-	C	108	chr2:29207170-29207272
## 3096	chr2 29207237	+	A	141	chr2:29207170-29207272
## 3097	chr2 29207237	-	A	109	chr2:29207170-29207272
## 3098	chr2 29207238	+	G	141	chr2:29207170-29207272
## 3099	chr2 29207238	-	G	109	chr2:29207170-29207272
## 3100	chr2 29207239	+	C	141	chr2:29207170-29207272

## 3101	chr2 29207239	-	C	108	chr2:29207170-29207272
## 3102	chr2 29207240	+	A	142	chr2:29207170-29207272
## 3103	chr2 29207240	-	A	108	chr2:29207170-29207272
## 3104	chr2 29207241	+	T	141	chr2:29207170-29207272
## 3105	chr2 29207241	-	T	109	chr2:29207170-29207272
## 3106	chr2 29207242	+	G	139	chr2:29207170-29207272
## 3107	chr2 29207242	-	G	110	chr2:29207170-29207272
## 3108	chr2 29207243	+	G	140	chr2:29207170-29207272
## 3109	chr2 29207243	-	G	110	chr2:29207170-29207272
## 3110	chr2 29207244	+	C	139	chr2:29207170-29207272
## 3111	chr2 29207244	-	C	111	chr2:29207170-29207272
## 3112	chr2 29207245	+	A	138	chr2:29207170-29207272
## 3113	chr2 29207245	-	A	112	chr2:29207170-29207272
## 3114	chr2 29207246	+	C	138	chr2:29207170-29207272
## 3115	chr2 29207246	-	C	112	chr2:29207170-29207272
## 3116	chr2 29207247	+	A	138	chr2:29207170-29207272
## 3117	chr2 29207247	-	A	112	chr2:29207170-29207272
## 3118	chr2 29207248	+	G	138	chr2:29207170-29207272
## 3119	chr2 29207248	-	G	111	chr2:29207170-29207272
## 3120	chr2 29207249	+	C	137	chr2:29207170-29207272
## 3121	chr2 29207249	-	C	113	chr2:29207170-29207272
## 3122	chr2 29207250	+	C	137	chr2:29207170-29207272
## 3123	chr2 29207250	-	C	113	chr2:29207170-29207272
## 3124	chr2 29207251	+	T	135	chr2:29207170-29207272
## 3125	chr2 29207251	-	T	106	chr2:29207170-29207272
## 3126	chr2 29207252	+	C	133	chr2:29207170-29207272
## 3127	chr2 29207252	-	C	104	chr2:29207170-29207272
## 3128	chr2 29207253	+	C	132	chr2:29207170-29207272
## 3129	chr2 29207253	-	C	113	chr2:29207170-29207272
## 3130	chr2 29207254	+	C	128	chr2:29207170-29207272
## 3131	chr2 29207254	-	C	107	chr2:29207170-29207272
## 3132	chr2 29207255	+	T	127	chr2:29207170-29207272
## 3133	chr2 29207255	-	T	111	chr2:29207170-29207272
## 3134	chr2 29207256	+	T	119	chr2:29207170-29207272
## 3135	chr2 29207256	-	T	103	chr2:29207170-29207272
## 3136	chr2 29207257	+	T	120	chr2:29207170-29207272
## 3137	chr2 29207257	-	T	108	chr2:29207170-29207272
## 3138	chr2 29207258	+	C	122	chr2:29207170-29207272
## 3139	chr2 29207258	-	C	107	chr2:29207170-29207272
## 3140	chr2 29207259	+	T	118	chr2:29207170-29207272
## 3141	chr2 29207259	-	T	108	chr2:29207170-29207272
## 3142	chr2 29207260	+	A	116	chr2:29207170-29207272
## 3143	chr2 29207260	-	A	90	chr2:29207170-29207272
## 3144	chr2 29207261	+	T	111	chr2:29207170-29207272
## 3145	chr2 29207261	-	T	90	chr2:29207170-29207272
## 3146	chr2 29207262	+	A	106	chr2:29207170-29207272
## 3147	chr2 29207262	-	A	88	chr2:29207170-29207272
## 3148	chr2 29207263	+	G	110	chr2:29207170-29207272
## 3149	chr2 29207263	-	G	80	chr2:29207170-29207272
## 3150	chr2 29207264	+	T	112	chr2:29207170-29207272
## 3151	chr2 29207264	-	T	87	chr2:29207170-29207272
## 3152	chr2 29207265	+	A	107	chr2:29207170-29207272
## 3153	chr2 29207265	-	A	75	chr2:29207170-29207272
## 3154	chr2 29207266	+	G	111	chr2:29207170-29207272

## 3155	chr2 29207266	-	G	77	chr2:29207170-29207272
## 3156	chr2 29207267	+	C	108	chr2:29207170-29207272
## 3157	chr2 29207267	-	C	85	chr2:29207170-29207272
## 3158	chr2 29207268	+	C	1	chr2:29207170-29207272
## 3159	chr2 29207268	+	T	114	chr2:29207170-29207272
## 3160	chr2 29207268	-	T	89	chr2:29207170-29207272
## 3161	chr2 29207269	+	C	115	chr2:29207170-29207272
## 3162	chr2 29207269	-	C	93	chr2:29207170-29207272
## 3163	chr2 29207270	+	G	131	chr2:29207170-29207272
## 3164	chr2 29207270	-	G	93	chr2:29207170-29207272
## 3165	chr2 29207270	-	T	1	chr2:29207170-29207272
## 3166	chr2 29207271	+	C	130	chr2:29207170-29207272
## 3167	chr2 29207271	-	C	102	chr2:29207170-29207272
## 3168	chr2 29207272	+	C	131	chr2:29207170-29207272
## 3169	chr2 29207272	-	C	108	chr2:29207170-29207272
## 3170	chr2 29209785	+	C	287	chr2:29209785-29209878
## 3171	chr2 29209785	-	C	1	chr2:29209785-29209878
## 3172	chr2 29209786	+	C	274	chr2:29209785-29209878
## 3173	chr2 29209786	-	C	1	chr2:29209785-29209878
## 3174	chr2 29209787	+	T	270	chr2:29209785-29209878
## 3175	chr2 29209787	-	T	1	chr2:29209785-29209878
## 3176	chr2 29209788	+	C	1	chr2:29209785-29209878
## 3177	chr2 29209788	+	G	266	chr2:29209785-29209878
## 3178	chr2 29209788	-	G	1	chr2:29209785-29209878
## 3179	chr2 29209789	+	T	263	chr2:29209785-29209878
## 3180	chr2 29209789	-	T	1	chr2:29209785-29209878
## 3181	chr2 29209790	+	A	258	chr2:29209785-29209878
## 3182	chr2 29209790	-	A	1	chr2:29209785-29209878
## 3183	chr2 29209791	+	G	257	chr2:29209785-29209878
## 3184	chr2 29209791	-	G	1	chr2:29209785-29209878
## 3185	chr2 29209792	+	A	257	chr2:29209785-29209878
## 3186	chr2 29209792	-	A	1	chr2:29209785-29209878
## 3187	chr2 29209793	+	A	1	chr2:29209785-29209878
## 3188	chr2 29209793	+	T	256	chr2:29209785-29209878
## 3189	chr2 29209793	-	T	1	chr2:29209785-29209878
## 3190	chr2 29209794	+	C	1	chr2:29209785-29209878
## 3191	chr2 29209794	+	G	256	chr2:29209785-29209878
## 3192	chr2 29209794	-	G	1	chr2:29209785-29209878
## 3193	chr2 29209795	+	T	251	chr2:29209785-29209878
## 3194	chr2 29209795	-	T	1	chr2:29209785-29209878
## 3195	chr2 29209796	+	C	250	chr2:29209785-29209878
## 3196	chr2 29209796	-	C	1	chr2:29209785-29209878
## 3197	chr2 29209797	+	T	245	chr2:29209785-29209878
## 3198	chr2 29209797	-	T	1	chr2:29209785-29209878
## 3199	chr2 29209798	+	C	244	chr2:29209785-29209878
## 3200	chr2 29209798	-	C	6	chr2:29209785-29209878
## 3201	chr2 29209799	+	G	242	chr2:29209785-29209878
## 3202	chr2 29209799	-	G	6	chr2:29209785-29209878
## 3203	chr2 29209800	+	G	244	chr2:29209785-29209878
## 3204	chr2 29209800	-	G	7	chr2:29209785-29209878
## 3205	chr2 29209801	+	G	240	chr2:29209785-29209878
## 3206	chr2 29209801	-	G	7	chr2:29209785-29209878
## 3207	chr2 29209802	+	C	232	chr2:29209785-29209878
## 3208	chr2 29209802	-	C	7	chr2:29209785-29209878

## 3209	chr2 29209803	+	C	235	chr2:29209785-29209878
## 3210	chr2 29209803	-	C	13	chr2:29209785-29209878
## 3211	chr2 29209804	+	A	234	chr2:29209785-29209878
## 3212	chr2 29209804	-	A	13	chr2:29209785-29209878
## 3213	chr2 29209805	+	A	1	chr2:29209785-29209878
## 3214	chr2 29209805	+	T	232	chr2:29209785-29209878
## 3215	chr2 29209805	-	T	13	chr2:29209785-29209878
## 3216	chr2 29209806	+	C	230	chr2:29209785-29209878
## 3217	chr2 29209806	-	C	13	chr2:29209785-29209878
## 3218	chr2 29209806	+	T	1	chr2:29209785-29209878
## 3219	chr2 29209807	+	C	235	chr2:29209785-29209878
## 3220	chr2 29209807	-	C	13	chr2:29209785-29209878
## 3221	chr2 29209808	+	A	1	chr2:29209785-29209878
## 3222	chr2 29209808	+	C	228	chr2:29209785-29209878
## 3223	chr2 29209808	-	C	13	chr2:29209785-29209878
## 3224	chr2 29209808	+	T	1	chr2:29209785-29209878
## 3225	chr2 29209809	+	G	229	chr2:29209785-29209878
## 3226	chr2 29209809	-	G	13	chr2:29209785-29209878
## 3227	chr2 29209810	+	A	235	chr2:29209785-29209878
## 3228	chr2 29209810	-	A	13	chr2:29209785-29209878
## 3229	chr2 29209811	+	A	236	chr2:29209785-29209878
## 3230	chr2 29209811	-	A	13	chr2:29209785-29209878
## 3231	chr2 29209812	+	G	237	chr2:29209785-29209878
## 3232	chr2 29209812	-	G	13	chr2:29209785-29209878
## 3233	chr2 29209813	+	T	232	chr2:29209785-29209878
## 3234	chr2 29209813	-	T	13	chr2:29209785-29209878
## 3235	chr2 29209814	+	C	226	chr2:29209785-29209878
## 3236	chr2 29209814	-	C	13	chr2:29209785-29209878
## 3237	chr2 29209815	+	T	224	chr2:29209785-29209878
## 3238	chr2 29209815	-	T	15	chr2:29209785-29209878
## 3239	chr2 29209816	+	C	217	chr2:29209785-29209878
## 3240	chr2 29209816	-	C	15	chr2:29209785-29209878
## 3241	chr2 29209817	+	C	228	chr2:29209785-29209878
## 3242	chr2 29209817	-	C	15	chr2:29209785-29209878
## 3243	chr2 29209818	+	A	225	chr2:29209785-29209878
## 3244	chr2 29209818	-	A	15	chr2:29209785-29209878
## 3245	chr2 29209819	+	A	205	chr2:29209785-29209878
## 3246	chr2 29209819	-	A	16	chr2:29209785-29209878
## 3247	chr2 29209820	+	T	217	chr2:29209785-29209878
## 3248	chr2 29209820	-	T	26	chr2:29209785-29209878
## 3249	chr2 29209821	+	C	220	chr2:29209785-29209878
## 3250	chr2 29209821	-	C	26	chr2:29209785-29209878
## 3251	chr2 29209822	+	T	194	chr2:29209785-29209878
## 3252	chr2 29209822	-	T	26	chr2:29209785-29209878
## 3253	chr2 29209823	+	T	218	chr2:29209785-29209878
## 3254	chr2 29209823	-	T	32	chr2:29209785-29209878
## 3255	chr2 29209824	+	G	218	chr2:29209785-29209878
## 3256	chr2 29209824	-	G	32	chr2:29209785-29209878
## 3257	chr2 29209825	+	G	218	chr2:29209785-29209878
## 3258	chr2 29209825	-	G	32	chr2:29209785-29209878
## 3259	chr2 29209826	+	C	218	chr2:29209785-29209878
## 3260	chr2 29209826	-	C	32	chr2:29209785-29209878
## 3261	chr2 29209827	+	C	218	chr2:29209785-29209878
## 3262	chr2 29209827	-	C	32	chr2:29209785-29209878

## 3263	chr2 29209828	+	A	217	chr2:29209785-29209878
## 3264	chr2 29209828	-	A	32	chr2:29209785-29209878
## 3265	chr2 29209829	+	C	218	chr2:29209785-29209878
## 3266	chr2 29209829	-	C	32	chr2:29209785-29209878
## 3267	chr2 29209830	+	T	218	chr2:29209785-29209878
## 3268	chr2 29209830	-	T	32	chr2:29209785-29209878
## 3269	chr2 29209831	+	C	218	chr2:29209785-29209878
## 3270	chr2 29209831	-	C	32	chr2:29209785-29209878
## 3271	chr2 29209832	+	T	218	chr2:29209785-29209878
## 3272	chr2 29209832	-	T	32	chr2:29209785-29209878
## 3273	chr2 29209833	+	T	217	chr2:29209785-29209878
## 3274	chr2 29209833	-	T	33	chr2:29209785-29209878
## 3275	chr2 29209834	+	C	217	chr2:29209785-29209878
## 3276	chr2 29209834	-	C	33	chr2:29209785-29209878
## 3277	chr2 29209835	+	C	218	chr2:29209785-29209878
## 3278	chr2 29209835	-	C	33	chr2:29209785-29209878
## 3279	chr2 29209836	+	A	218	chr2:29209785-29209878
## 3280	chr2 29209836	-	A	33	chr2:29209785-29209878
## 3281	chr2 29209837	+	G	218	chr2:29209785-29209878
## 3282	chr2 29209837	-	G	33	chr2:29209785-29209878
## 3283	chr2 29209838	+	G	218	chr2:29209785-29209878
## 3284	chr2 29209838	-	G	33	chr2:29209785-29209878
## 3285	chr2 29209839	+	G	218	chr2:29209785-29209878
## 3286	chr2 29209839	-	G	33	chr2:29209785-29209878
## 3287	chr2 29209840	+	C	218	chr2:29209785-29209878
## 3288	chr2 29209840	-	C	33	chr2:29209785-29209878
## 3289	chr2 29209841	+	C	218	chr2:29209785-29209878
## 3290	chr2 29209841	-	C	33	chr2:29209785-29209878
## 3291	chr2 29209842	+	T	218	chr2:29209785-29209878
## 3292	chr2 29209842	-	T	33	chr2:29209785-29209878
## 3293	chr2 29209843	+	G	218	chr2:29209785-29209878
## 3294	chr2 29209843	-	G	33	chr2:29209785-29209878
## 3295	chr2 29209844	+	A	1	chr2:29209785-29209878
## 3296	chr2 29209844	+	G	217	chr2:29209785-29209878
## 3297	chr2 29209844	-	G	33	chr2:29209785-29209878
## 3298	chr2 29209845	+	A	218	chr2:29209785-29209878
## 3299	chr2 29209845	-	A	33	chr2:29209785-29209878
## 3300	chr2 29209846	+	C	218	chr2:29209785-29209878
## 3301	chr2 29209846	-	C	33	chr2:29209785-29209878
## 3302	chr2 29209847	+	A	218	chr2:29209785-29209878
## 3303	chr2 29209847	-	A	33	chr2:29209785-29209878
## 3304	chr2 29209848	+	G	218	chr2:29209785-29209878
## 3305	chr2 29209848	-	G	33	chr2:29209785-29209878
## 3306	chr2 29209849	+	G	217	chr2:29209785-29209878
## 3307	chr2 29209849	-	G	33	chr2:29209785-29209878
## 3308	chr2 29209850	+	A	1	chr2:29209785-29209878
## 3309	chr2 29209850	+	T	216	chr2:29209785-29209878
## 3310	chr2 29209850	-	T	33	chr2:29209785-29209878
## 3311	chr2 29209851	+	C	217	chr2:29209785-29209878
## 3312	chr2 29209851	-	C	33	chr2:29209785-29209878
## 3313	chr2 29209852	+	A	217	chr2:29209785-29209878
## 3314	chr2 29209852	-	A	33	chr2:29209785-29209878
## 3315	chr2 29209853	+	A	217	chr2:29209785-29209878
## 3316	chr2 29209853	-	A	33	chr2:29209785-29209878

## 3317	chr2 29209854	+	G	217	chr2:29209785-29209878
## 3318	chr2 29209854	-	G	33	chr2:29209785-29209878
## 3319	chr2 29209855	+	A	217	chr2:29209785-29209878
## 3320	chr2 29209855	-	A	33	chr2:29209785-29209878
## 3321	chr2 29209856	+	G	217	chr2:29209785-29209878
## 3322	chr2 29209856	-	G	33	chr2:29209785-29209878
## 3323	chr2 29209857	+	G	217	chr2:29209785-29209878
## 3324	chr2 29209857	-	G	33	chr2:29209785-29209878
## 3325	chr2 29209858	+	C	217	chr2:29209785-29209878
## 3326	chr2 29209858	-	C	33	chr2:29209785-29209878
## 3327	chr2 29209859	+	A	217	chr2:29209785-29209878
## 3328	chr2 29209859	-	A	33	chr2:29209785-29209878
## 3329	chr2 29209860	+	G	217	chr2:29209785-29209878
## 3330	chr2 29209860	-	G	33	chr2:29209785-29209878
## 3331	chr2 29209861	+	T	217	chr2:29209785-29209878
## 3332	chr2 29209861	-	T	33	chr2:29209785-29209878
## 3333	chr2 29209862	+	T	217	chr2:29209785-29209878
## 3334	chr2 29209862	-	T	33	chr2:29209785-29209878
## 3335	chr2 29209863	+	T	217	chr2:29209785-29209878
## 3336	chr2 29209863	-	T	33	chr2:29209785-29209878
## 3337	chr2 29209864	+	A	1	chr2:29209785-29209878
## 3338	chr2 29209864	+	C	216	chr2:29209785-29209878
## 3339	chr2 29209864	-	C	33	chr2:29209785-29209878
## 3340	chr2 29209865	+	T	217	chr2:29209785-29209878
## 3341	chr2 29209865	-	T	33	chr2:29209785-29209878
## 3342	chr2 29209866	+	A	1	chr2:29209785-29209878
## 3343	chr2 29209866	+	G	216	chr2:29209785-29209878
## 3344	chr2 29209866	-	G	33	chr2:29209785-29209878
## 3345	chr2 29209867	+	C	1	chr2:29209785-29209878
## 3346	chr2 29209867	+	G	216	chr2:29209785-29209878
## 3347	chr2 29209867	-	G	33	chr2:29209785-29209878
## 3348	chr2 29209868	+	C	217	chr2:29209785-29209878
## 3349	chr2 29209868	-	C	33	chr2:29209785-29209878
## 3350	chr2 29209869	+	A	217	chr2:29209785-29209878
## 3351	chr2 29209869	-	A	33	chr2:29209785-29209878
## 3352	chr2 29209870	+	G	217	chr2:29209785-29209878
## 3353	chr2 29209870	-	G	33	chr2:29209785-29209878
## 3354	chr2 29209871	+	C	217	chr2:29209785-29209878
## 3355	chr2 29209871	-	C	33	chr2:29209785-29209878
## 3356	chr2 29209872	+	A	217	chr2:29209785-29209878
## 3357	chr2 29209872	-	A	33	chr2:29209785-29209878
## 3358	chr2 29209873	+	A	217	chr2:29209785-29209878
## 3359	chr2 29209873	-	A	29	chr2:29209785-29209878
## 3360	chr2 29209874	-	G	1	chr2:29209785-29209878
## 3361	chr2 29209874	+	T	217	chr2:29209785-29209878
## 3362	chr2 29209874	-	T	32	chr2:29209785-29209878
## 3363	chr2 29209875	-	C	1	chr2:29209785-29209878
## 3364	chr2 29209875	+	G	216	chr2:29209785-29209878
## 3365	chr2 29209875	-	G	31	chr2:29209785-29209878
## 3366	chr2 29209876	+	T	218	chr2:29209785-29209878
## 3367	chr2 29209876	-	T	32	chr2:29209785-29209878
## 3368	chr2 29209877	+	C	215	chr2:29209785-29209878
## 3369	chr2 29209877	-	C	31	chr2:29209785-29209878
## 3370	chr2 29209878	+	T	210	chr2:29209785-29209878

## 3371	chr2 29209878	-	T	30	chr2:29209785-29209878
## 3372	chr2 29213983	+	C	240	chr2:29213983-29214081
## 3373	chr2 29213983	-	C	76	chr2:29213983-29214081
## 3374	chr2 29213984	+	C	226	chr2:29213983-29214081
## 3375	chr2 29213984	-	C	66	chr2:29213983-29214081
## 3376	chr2 29213985	+	G	204	chr2:29213983-29214081
## 3377	chr2 29213985	-	G	57	chr2:29213983-29214081
## 3378	chr2 29213986	+	G	201	chr2:29213983-29214081
## 3379	chr2 29213986	-	G	49	chr2:29213983-29214081
## 3380	chr2 29213987	+	T	168	chr2:29213983-29214081
## 3381	chr2 29213987	-	T	42	chr2:29213983-29214081
## 3382	chr2 29213988	+	G	159	chr2:29213983-29214081
## 3383	chr2 29213988	-	G	34	chr2:29213983-29214081
## 3384	chr2 29213989	+	G	146	chr2:29213983-29214081
## 3385	chr2 29213989	-	G	34	chr2:29213983-29214081
## 3386	chr2 29213990	+	A	134	chr2:29213983-29214081
## 3387	chr2 29213990	-	A	39	chr2:29213983-29214081
## 3388	chr2 29213990	+	T	1	chr2:29213983-29214081
## 3389	chr2 29213991	+	T	132	chr2:29213983-29214081
## 3390	chr2 29213991	-	T	44	chr2:29213983-29214081
## 3391	chr2 29213992	+	G	126	chr2:29213983-29214081
## 3392	chr2 29213992	-	G	48	chr2:29213983-29214081
## 3393	chr2 29213993	+	A	108	chr2:29213983-29214081
## 3394	chr2 29213993	-	A	72	chr2:29213983-29214081
## 3395	chr2 29213994	+	A	120	chr2:29213983-29214081
## 3396	chr2 29213994	-	A	76	chr2:29213983-29214081
## 3397	chr2 29213995	+	G	126	chr2:29213983-29214081
## 3398	chr2 29213995	-	G	90	chr2:29213983-29214081
## 3399	chr2 29213996	+	T	128	chr2:29213983-29214081
## 3400	chr2 29213996	-	T	98	chr2:29213983-29214081
## 3401	chr2 29213997	+	G	129	chr2:29213983-29214081
## 3402	chr2 29213997	-	G	106	chr2:29213983-29214081
## 3403	chr2 29213998	+	G	144	chr2:29213983-29214081
## 3404	chr2 29213998	-	G	106	chr2:29213983-29214081
## 3405	chr2 29213999	-	C	1	chr2:29213983-29214081
## 3406	chr2 29213999	+	T	144	chr2:29213983-29214081
## 3407	chr2 29213999	-	T	105	chr2:29213983-29214081
## 3408	chr2 29214000	-	A	1	chr2:29213983-29214081
## 3409	chr2 29214000	+	T	144	chr2:29213983-29214081
## 3410	chr2 29214000	-	T	105	chr2:29213983-29214081
## 3411	chr2 29214001	+	T	144	chr2:29213983-29214081
## 3412	chr2 29214001	-	T	106	chr2:29213983-29214081
## 3413	chr2 29214002	+	T	144	chr2:29213983-29214081
## 3414	chr2 29214002	-	T	106	chr2:29213983-29214081
## 3415	chr2 29214003	+	C	142	chr2:29213983-29214081
## 3416	chr2 29214003	-	C	107	chr2:29213983-29214081
## 3417	chr2 29214003	+	T	1	chr2:29213983-29214081
## 3418	chr2 29214004	+	C	142	chr2:29213983-29214081
## 3419	chr2 29214004	-	C	107	chr2:29213983-29214081
## 3420	chr2 29214004	+	T	1	chr2:29213983-29214081
## 3421	chr2 29214005	+	T	143	chr2:29213983-29214081
## 3422	chr2 29214005	-	T	107	chr2:29213983-29214081
## 3423	chr2 29214006	+	C	144	chr2:29213983-29214081
## 3424	chr2 29214006	-	C	107	chr2:29213983-29214081

## 3425	chr2	29214007	+	C	144	chr2:29213983-29214081
## 3426	chr2	29214007	-	C	107	chr2:29213983-29214081
## 3427	chr2	29214008	+	A	144	chr2:29213983-29214081
## 3428	chr2	29214008	-	A	107	chr2:29213983-29214081
## 3429	chr2	29214009	+	A	144	chr2:29213983-29214081
## 3430	chr2	29214009	-	A	107	chr2:29213983-29214081
## 3431	chr2	29214010	+	A	144	chr2:29213983-29214081
## 3432	chr2	29214010	-	A	107	chr2:29213983-29214081
## 3433	chr2	29214011	+	T	144	chr2:29213983-29214081
## 3434	chr2	29214011	-	T	107	chr2:29213983-29214081
## 3435	chr2	29214012	+	A	144	chr2:29213983-29214081
## 3436	chr2	29214012	-	A	107	chr2:29213983-29214081
## 3437	chr2	29214013	+	A	1	chr2:29213983-29214081
## 3438	chr2	29214013	+	C	143	chr2:29213983-29214081
## 3439	chr2	29214013	-	C	107	chr2:29213983-29214081
## 3440	chr2	29214014	+	T	144	chr2:29213983-29214081
## 3441	chr2	29214014	-	T	107	chr2:29213983-29214081
## 3442	chr2	29214015	+	G	144	chr2:29213983-29214081
## 3443	chr2	29214015	-	G	107	chr2:29213983-29214081
## 3444	chr2	29214016	+	A	144	chr2:29213983-29214081
## 3445	chr2	29214016	-	A	107	chr2:29213983-29214081
## 3446	chr2	29214017	+	C	144	chr2:29213983-29214081
## 3447	chr2	29214017	-	C	107	chr2:29213983-29214081
## 3448	chr2	29214018	+	A	143	chr2:29213983-29214081
## 3449	chr2	29214018	-	A	108	chr2:29213983-29214081
## 3450	chr2	29214019	+	G	142	chr2:29213983-29214081
## 3451	chr2	29214019	-	G	108	chr2:29213983-29214081
## 3452	chr2	29214020	+	C	143	chr2:29213983-29214081
## 3453	chr2	29214020	-	C	108	chr2:29213983-29214081
## 3454	chr2	29214021	+	C	143	chr2:29213983-29214081
## 3455	chr2	29214021	-	C	108	chr2:29213983-29214081
## 3456	chr2	29214022	+	A	143	chr2:29213983-29214081
## 3457	chr2	29214022	-	A	108	chr2:29213983-29214081
## 3458	chr2	29214023	+	C	143	chr2:29213983-29214081
## 3459	chr2	29214023	-	C	108	chr2:29213983-29214081
## 3460	chr2	29214024	+	A	143	chr2:29213983-29214081
## 3461	chr2	29214024	-	A	108	chr2:29213983-29214081
## 3462	chr2	29214025	+	G	143	chr2:29213983-29214081
## 3463	chr2	29214025	-	G	108	chr2:29213983-29214081
## 3464	chr2	29214026	+	G	143	chr2:29213983-29214081
## 3465	chr2	29214026	-	G	108	chr2:29213983-29214081
## 3466	chr2	29214027	+	C	143	chr2:29213983-29214081
## 3467	chr2	29214027	-	C	108	chr2:29213983-29214081
## 3468	chr2	29214028	+	A	143	chr2:29213983-29214081
## 3469	chr2	29214028	-	A	108	chr2:29213983-29214081
## 3470	chr2	29214029	+	A	143	chr2:29213983-29214081
## 3471	chr2	29214029	-	A	108	chr2:29213983-29214081
## 3472	chr2	29214030	+	T	143	chr2:29213983-29214081
## 3473	chr2	29214030	-	T	108	chr2:29213983-29214081
## 3474	chr2	29214031	+	G	143	chr2:29213983-29214081
## 3475	chr2	29214031	-	G	108	chr2:29213983-29214081
## 3476	chr2	29214032	+	T	143	chr2:29213983-29214081
## 3477	chr2	29214032	-	T	108	chr2:29213983-29214081
## 3478	chr2	29214033	+	C	143	chr2:29213983-29214081

## 3479	chr2 29214033	-	C	108	chr2:29213983-29214081
## 3480	chr2 29214034	+	C	143	chr2:29213983-29214081
## 3481	chr2 29214034	-	C	108	chr2:29213983-29214081
## 3482	chr2 29214035	+	C	143	chr2:29213983-29214081
## 3483	chr2 29214035	-	C	106	chr2:29213983-29214081
## 3484	chr2 29214035	-	T	2	chr2:29213983-29214081
## 3485	chr2 29214036	+	G	143	chr2:29213983-29214081
## 3486	chr2 29214036	-	G	108	chr2:29213983-29214081
## 3487	chr2 29214037	+	A	143	chr2:29213983-29214081
## 3488	chr2 29214037	-	A	108	chr2:29213983-29214081
## 3489	chr2 29214038	+	G	143	chr2:29213983-29214081
## 3490	chr2 29214038	-	G	108	chr2:29213983-29214081
## 3491	chr2 29214039	+	C	143	chr2:29213983-29214081
## 3492	chr2 29214039	-	C	108	chr2:29213983-29214081
## 3493	chr2 29214040	-	A	2	chr2:29213983-29214081
## 3494	chr2 29214040	+	C	143	chr2:29213983-29214081
## 3495	chr2 29214040	-	C	106	chr2:29213983-29214081
## 3496	chr2 29214041	+	A	143	chr2:29213983-29214081
## 3497	chr2 29214041	-	A	107	chr2:29213983-29214081
## 3498	chr2 29214042	+	C	142	chr2:29213983-29214081
## 3499	chr2 29214042	-	C	108	chr2:29213983-29214081
## 3500	chr2 29214043	+	G	141	chr2:29213983-29214081
## 3501	chr2 29214043	-	G	108	chr2:29213983-29214081
## 3502	chr2 29214044	+	T	142	chr2:29213983-29214081
## 3503	chr2 29214044	-	T	108	chr2:29213983-29214081
## 3504	chr2 29214045	+	G	142	chr2:29213983-29214081
## 3505	chr2 29214045	-	G	108	chr2:29213983-29214081
## 3506	chr2 29214046	+	C	141	chr2:29213983-29214081
## 3507	chr2 29214046	-	C	109	chr2:29213983-29214081
## 3508	chr2 29214047	+	A	140	chr2:29213983-29214081
## 3509	chr2 29214047	-	A	109	chr2:29213983-29214081
## 3510	chr2 29214047	+	C	1	chr2:29213983-29214081
## 3511	chr2 29214048	+	G	141	chr2:29213983-29214081
## 3512	chr2 29214048	-	G	109	chr2:29213983-29214081
## 3513	chr2 29214049	+	A	140	chr2:29213983-29214081
## 3514	chr2 29214049	-	A	110	chr2:29213983-29214081
## 3515	chr2 29214050	+	A	139	chr2:29213983-29214081
## 3516	chr2 29214050	-	A	111	chr2:29213983-29214081
## 3517	chr2 29214051	+	G	138	chr2:29213983-29214081
## 3518	chr2 29214051	-	G	112	chr2:29213983-29214081
## 3519	chr2 29214052	+	G	137	chr2:29213983-29214081
## 3520	chr2 29214052	-	G	113	chr2:29213983-29214081
## 3521	chr2 29214053	+	C	1	chr2:29213983-29214081
## 3522	chr2 29214053	+	T	135	chr2:29213983-29214081
## 3523	chr2 29214053	-	T	114	chr2:29213983-29214081
## 3524	chr2 29214054	+	C	135	chr2:29213983-29214081
## 3525	chr2 29214054	-	C	115	chr2:29213983-29214081
## 3526	chr2 29214055	+	C	134	chr2:29213983-29214081
## 3527	chr2 29214055	-	C	116	chr2:29213983-29214081
## 3528	chr2 29214056	+	A	133	chr2:29213983-29214081
## 3529	chr2 29214056	-	A	117	chr2:29213983-29214081
## 3530	chr2 29214057	+	G	132	chr2:29213983-29214081
## 3531	chr2 29214057	-	G	118	chr2:29213983-29214081
## 3532	chr2 29214058	+	C	131	chr2:29213983-29214081

## 3533	chr2 29214058	-	C	119	chr2:29213983-29214081
## 3534	chr2 29214059	+	A	130	chr2:29213983-29214081
## 3535	chr2 29214059	-	A	120	chr2:29213983-29214081
## 3536	chr2 29214060	+	T	129	chr2:29213983-29214081
## 3537	chr2 29214060	-	T	121	chr2:29213983-29214081
## 3538	chr2 29214061	+	G	127	chr2:29213983-29214081
## 3539	chr2 29214061	-	G	121	chr2:29213983-29214081
## 3540	chr2 29214062	+	G	126	chr2:29213983-29214081
## 3541	chr2 29214062	-	G	123	chr2:29213983-29214081
## 3542	chr2 29214063	+	C	122	chr2:29213983-29214081
## 3543	chr2 29214063	-	C	115	chr2:29213983-29214081
## 3544	chr2 29214064	+	A	2	chr2:29213983-29214081
## 3545	chr2 29214064	+	C	117	chr2:29213983-29214081
## 3546	chr2 29214064	-	C	117	chr2:29213983-29214081
## 3547	chr2 29214065	+	A	110	chr2:29213983-29214081
## 3548	chr2 29214065	-	A	124	chr2:29213983-29214081
## 3549	chr2 29214066	+	G	103	chr2:29213983-29214081
## 3550	chr2 29214066	-	G	126	chr2:29213983-29214081
## 3551	chr2 29214067	+	G	99	chr2:29213983-29214081
## 3552	chr2 29214067	-	G	117	chr2:29213983-29214081
## 3553	chr2 29214068	+	G	85	chr2:29213983-29214081
## 3554	chr2 29214068	-	G	96	chr2:29213983-29214081
## 3555	chr2 29214069	+	A	73	chr2:29213983-29214081
## 3556	chr2 29214069	-	A	94	chr2:29213983-29214081
## 3557	chr2 29214070	+	G	66	chr2:29213983-29214081
## 3558	chr2 29214070	-	G	84	chr2:29213983-29214081
## 3559	chr2 29214071	+	G	63	chr2:29213983-29214081
## 3560	chr2 29214071	-	G	89	chr2:29213983-29214081
## 3561	chr2 29214072	+	A	61	chr2:29213983-29214081
## 3562	chr2 29214072	-	A	93	chr2:29213983-29214081
## 3563	chr2 29214072	-	C	1	chr2:29213983-29214081
## 3564	chr2 29214073	+	G	47	chr2:29213983-29214081
## 3565	chr2 29214073	-	G	101	chr2:29213983-29214081
## 3566	chr2 29214074	+	G	46	chr2:29213983-29214081
## 3567	chr2 29214074	-	G	108	chr2:29213983-29214081
## 3568	chr2 29214075	+	G	45	chr2:29213983-29214081
## 3569	chr2 29214075	-	G	112	chr2:29213983-29214081
## 3570	chr2 29214076	+	C	44	chr2:29213983-29214081
## 3571	chr2 29214076	-	C	129	chr2:29213983-29214081
## 3572	chr2 29214077	+	T	43	chr2:29213983-29214081
## 3573	chr2 29214077	-	T	133	chr2:29213983-29214081
## 3574	chr2 29214078	+	G	43	chr2:29213983-29214081
## 3575	chr2 29214078	-	G	139	chr2:29213983-29214081
## 3576	chr2 29214079	+	G	42	chr2:29213983-29214081
## 3577	chr2 29214079	-	G	159	chr2:29213983-29214081
## 3578	chr2 29214079	-	T	1	chr2:29213983-29214081
## 3579	chr2 29214080	+	C	41	chr2:29213983-29214081
## 3580	chr2 29214080	-	C	176	chr2:29213983-29214081
## 3581	chr2 29214081	-	G	1	chr2:29213983-29214081
## 3582	chr2 29214081	+	T	40	chr2:29213983-29214081
## 3583	chr2 29214081	-	T	178	chr2:29213983-29214081
## 3584	chr2 29220705	+	C	229	chr2:29220705-29220835
## 3585	chr2 29220705	-	C	80	chr2:29220705-29220835
## 3586	chr2 29220706	+	C	215	chr2:29220705-29220835

## 3587	chr2 29220706	-	C	73	chr2:29220705-29220835
## 3588	chr2 29220706	+	T	4	chr2:29220705-29220835
## 3589	chr2 29220707	-	A	4	chr2:29220705-29220835
## 3590	chr2 29220707	+	G	211	chr2:29220705-29220835
## 3591	chr2 29220707	-	G	59	chr2:29220705-29220835
## 3592	chr2 29220707	+	T	1	chr2:29220705-29220835
## 3593	chr2 29220708	+	G	201	chr2:29220705-29220835
## 3594	chr2 29220708	-	G	61	chr2:29220705-29220835
## 3595	chr2 29220709	-	A	2	chr2:29220705-29220835
## 3596	chr2 29220709	+	G	190	chr2:29220705-29220835
## 3597	chr2 29220709	-	G	58	chr2:29220705-29220835
## 3598	chr2 29220710	+	C	186	chr2:29220705-29220835
## 3599	chr2 29220710	-	C	51	chr2:29220705-29220835
## 3600	chr2 29220710	-	G	1	chr2:29220705-29220835
## 3601	chr2 29220711	+	G	180	chr2:29220705-29220835
## 3602	chr2 29220711	-	G	38	chr2:29220705-29220835
## 3603	chr2 29220711	+	T	3	chr2:29220705-29220835
## 3604	chr2 29220712	+	A	165	chr2:29220705-29220835
## 3605	chr2 29220712	-	A	41	chr2:29220705-29220835
## 3606	chr2 29220712	+	T	3	chr2:29220705-29220835
## 3607	chr2 29220713	+	G	181	chr2:29220705-29220835
## 3608	chr2 29220713	-	G	60	chr2:29220705-29220835
## 3609	chr2 29220714	+	G	185	chr2:29220705-29220835
## 3610	chr2 29220714	-	G	61	chr2:29220705-29220835
## 3611	chr2 29220715	+	G	188	chr2:29220705-29220835
## 3612	chr2 29220715	-	G	58	chr2:29220705-29220835
## 3613	chr2 29220715	+	T	1	chr2:29220705-29220835
## 3614	chr2 29220715	-	T	1	chr2:29220705-29220835
## 3615	chr2 29220716	+	C	184	chr2:29220705-29220835
## 3616	chr2 29220716	-	C	53	chr2:29220705-29220835
## 3617	chr2 29220717	+	G	181	chr2:29220705-29220835
## 3618	chr2 29220717	-	G	54	chr2:29220705-29220835
## 3619	chr2 29220718	+	G	185	chr2:29220705-29220835
## 3620	chr2 29220718	-	G	50	chr2:29220705-29220835
## 3621	chr2 29220719	+	G	192	chr2:29220705-29220835
## 3622	chr2 29220719	-	G	45	chr2:29220705-29220835
## 3623	chr2 29220720	-	G	2	chr2:29220705-29220835
## 3624	chr2 29220720	+	T	192	chr2:29220705-29220835
## 3625	chr2 29220720	-	T	39	chr2:29220705-29220835
## 3626	chr2 29220721	+	C	203	chr2:29220705-29220835
## 3627	chr2 29220721	-	C	41	chr2:29220705-29220835
## 3628	chr2 29220722	+	A	2	chr2:29220705-29220835
## 3629	chr2 29220722	+	T	197	chr2:29220705-29220835
## 3630	chr2 29220722	-	T	40	chr2:29220705-29220835
## 3631	chr2 29220723	+	C	207	chr2:29220705-29220835
## 3632	chr2 29220723	-	C	40	chr2:29220705-29220835
## 3633	chr2 29220723	+	T	3	chr2:29220705-29220835
## 3634	chr2 29220724	+	T	210	chr2:29220705-29220835
## 3635	chr2 29220724	-	T	40	chr2:29220705-29220835
## 3636	chr2 29220725	+	C	210	chr2:29220705-29220835
## 3637	chr2 29220725	-	C	40	chr2:29220705-29220835
## 3638	chr2 29220726	+	G	210	chr2:29220705-29220835
## 3639	chr2 29220726	-	G	40	chr2:29220705-29220835
## 3640	chr2 29220727	+	G	210	chr2:29220705-29220835

## 3641	chr2 29220727	-	G	40	chr2:29220705-29220835
## 3642	chr2 29220728	+	A	210	chr2:29220705-29220835
## 3643	chr2 29220728	-	A	40	chr2:29220705-29220835
## 3644	chr2 29220729	+	G	210	chr2:29220705-29220835
## 3645	chr2 29220729	-	G	40	chr2:29220705-29220835
## 3646	chr2 29220730	+	G	210	chr2:29220705-29220835
## 3647	chr2 29220730	-	G	40	chr2:29220705-29220835
## 3648	chr2 29220731	+	A	210	chr2:29220705-29220835
## 3649	chr2 29220731	-	A	40	chr2:29220705-29220835
## 3650	chr2 29220732	+	A	210	chr2:29220705-29220835
## 3651	chr2 29220732	-	A	40	chr2:29220705-29220835
## 3652	chr2 29220733	-	A	1	chr2:29220705-29220835
## 3653	chr2 29220733	+	G	210	chr2:29220705-29220835
## 3654	chr2 29220733	-	G	39	chr2:29220705-29220835
## 3655	chr2 29220734	+	G	210	chr2:29220705-29220835
## 3656	chr2 29220734	-	G	40	chr2:29220705-29220835
## 3657	chr2 29220735	+	A	210	chr2:29220705-29220835
## 3658	chr2 29220735	-	A	40	chr2:29220705-29220835
## 3659	chr2 29220736	+	C	210	chr2:29220705-29220835
## 3660	chr2 29220736	-	C	40	chr2:29220705-29220835
## 3661	chr2 29220737	+	T	211	chr2:29220705-29220835
## 3662	chr2 29220737	-	T	39	chr2:29220705-29220835
## 3663	chr2 29220738	+	T	211	chr2:29220705-29220835
## 3664	chr2 29220738	-	T	39	chr2:29220705-29220835
## 3665	chr2 29220739	+	G	211	chr2:29220705-29220835
## 3666	chr2 29220739	-	G	39	chr2:29220705-29220835
## 3667	chr2 29220740	+	A	211	chr2:29220705-29220835
## 3668	chr2 29220740	-	A	39	chr2:29220705-29220835
## 3669	chr2 29220741	+	G	211	chr2:29220705-29220835
## 3670	chr2 29220741	-	G	39	chr2:29220705-29220835
## 3671	chr2 29220742	+	G	211	chr2:29220705-29220835
## 3672	chr2 29220742	-	G	39	chr2:29220705-29220835
## 3673	chr2 29220743	+	T	211	chr2:29220705-29220835
## 3674	chr2 29220743	-	T	39	chr2:29220705-29220835
## 3675	chr2 29220744	+	C	211	chr2:29220705-29220835
## 3676	chr2 29220744	-	C	39	chr2:29220705-29220835
## 3677	chr2 29220745	+	T	211	chr2:29220705-29220835
## 3678	chr2 29220745	-	T	39	chr2:29220705-29220835
## 3679	chr2 29220746	+	C	211	chr2:29220705-29220835
## 3680	chr2 29220746	-	C	39	chr2:29220705-29220835
## 3681	chr2 29220747	+	C	211	chr2:29220705-29220835
## 3682	chr2 29220747	-	C	39	chr2:29220705-29220835
## 3683	chr2 29220748	+	C	211	chr2:29220705-29220835
## 3684	chr2 29220748	-	C	39	chr2:29220705-29220835
## 3685	chr2 29220749	+	C	211	chr2:29220705-29220835
## 3686	chr2 29220749	-	C	39	chr2:29220705-29220835
## 3687	chr2 29220750	+	C	211	chr2:29220705-29220835
## 3688	chr2 29220750	-	C	39	chr2:29220705-29220835
## 3689	chr2 29220751	+	C	211	chr2:29220705-29220835
## 3690	chr2 29220751	-	C	39	chr2:29220705-29220835
## 3691	chr2 29220752	+	G	210	chr2:29220705-29220835
## 3692	chr2 29220752	-	G	39	chr2:29220705-29220835
## 3693	chr2 29220752	+	T	1	chr2:29220705-29220835
## 3694	chr2 29220753	+	C	211	chr2:29220705-29220835

## 3695	chr2 29220753	-	C	39	chr2:29220705-29220835
## 3696	chr2 29220754	+	A	1	chr2:29220705-29220835
## 3697	chr2 29220754	+	C	209	chr2:29220705-29220835
## 3698	chr2 29220754	-	C	39	chr2:29220705-29220835
## 3699	chr2 29220754	+	G	1	chr2:29220705-29220835
## 3700	chr2 29220755	+	A	211	chr2:29220705-29220835
## 3701	chr2 29220755	-	A	39	chr2:29220705-29220835
## 3702	chr2 29220756	+	T	211	chr2:29220705-29220835
## 3703	chr2 29220756	-	T	39	chr2:29220705-29220835
## 3704	chr2 29220757	+	G	211	chr2:29220705-29220835
## 3705	chr2 29220757	-	G	39	chr2:29220705-29220835
## 3706	chr2 29220758	+	A	211	chr2:29220705-29220835
## 3707	chr2 29220758	-	A	39	chr2:29220705-29220835
## 3708	chr2 29220759	+	G	211	chr2:29220705-29220835
## 3709	chr2 29220759	-	G	39	chr2:29220705-29220835
## 3710	chr2 29220760	+	C	210	chr2:29220705-29220835
## 3711	chr2 29220760	-	C	39	chr2:29220705-29220835
## 3712	chr2 29220760	+	T	1	chr2:29220705-29220835
## 3713	chr2 29220761	+	T	211	chr2:29220705-29220835
## 3714	chr2 29220761	-	T	38	chr2:29220705-29220835
## 3715	chr2 29220762	+	C	212	chr2:29220705-29220835
## 3716	chr2 29220762	-	C	38	chr2:29220705-29220835
## 3717	chr2 29220763	+	C	211	chr2:29220705-29220835
## 3718	chr2 29220763	-	C	38	chr2:29220705-29220835
## 3719	chr2 29220764	+	A	212	chr2:29220705-29220835
## 3720	chr2 29220764	-	A	38	chr2:29220705-29220835
## 3721	chr2 29220765	+	G	212	chr2:29220705-29220835
## 3722	chr2 29220765	-	G	38	chr2:29220705-29220835
## 3723	chr2 29220766	+	C	212	chr2:29220705-29220835
## 3724	chr2 29220766	-	C	38	chr2:29220705-29220835
## 3725	chr2 29220767	+	A	212	chr2:29220705-29220835
## 3726	chr2 29220767	-	A	38	chr2:29220705-29220835
## 3727	chr2 29220768	+	G	212	chr2:29220705-29220835
## 3728	chr2 29220768	-	G	38	chr2:29220705-29220835
## 3729	chr2 29220769	+	G	212	chr2:29220705-29220835
## 3730	chr2 29220769	-	G	38	chr2:29220705-29220835
## 3731	chr2 29220770	+	A	212	chr2:29220705-29220835
## 3732	chr2 29220770	-	A	38	chr2:29220705-29220835
## 3733	chr2 29220771	+	G	1	chr2:29220705-29220835
## 3734	chr2 29220771	+	T	211	chr2:29220705-29220835
## 3735	chr2 29220771	-	T	38	chr2:29220705-29220835
## 3736	chr2 29220772	+	G	211	chr2:29220705-29220835
## 3737	chr2 29220772	-	G	39	chr2:29220705-29220835
## 3738	chr2 29220773	+	A	209	chr2:29220705-29220835
## 3739	chr2 29220773	-	A	39	chr2:29220705-29220835
## 3740	chr2 29220774	+	A	210	chr2:29220705-29220835
## 3741	chr2 29220774	-	A	39	chr2:29220705-29220835
## 3742	chr2 29220775	+	C	211	chr2:29220705-29220835
## 3743	chr2 29220775	-	C	39	chr2:29220705-29220835
## 3744	chr2 29220776	+	C	211	chr2:29220705-29220835
## 3745	chr2 29220776	-	C	39	chr2:29220705-29220835
## 3746	chr2 29220777	+	G	210	chr2:29220705-29220835
## 3747	chr2 29220777	-	G	39	chr2:29220705-29220835
## 3748	chr2 29220777	+	T	1	chr2:29220705-29220835

## 3749	chr2 29220778	+	G	211	chr2:29220705-29220835
## 3750	chr2 29220778	-	G	39	chr2:29220705-29220835
## 3751	chr2 29220779	+	G	211	chr2:29220705-29220835
## 3752	chr2 29220779	-	G	39	chr2:29220705-29220835
## 3753	chr2 29220780	+	G	211	chr2:29220705-29220835
## 3754	chr2 29220780	-	G	39	chr2:29220705-29220835
## 3755	chr2 29220781	+	A	1	chr2:29220705-29220835
## 3756	chr2 29220781	+	C	210	chr2:29220705-29220835
## 3757	chr2 29220781	-	C	39	chr2:29220705-29220835
## 3758	chr2 29220782	+	A	210	chr2:29220705-29220835
## 3759	chr2 29220782	-	A	39	chr2:29220705-29220835
## 3760	chr2 29220782	+	T	1	chr2:29220705-29220835
## 3761	chr2 29220783	+	G	210	chr2:29220705-29220835
## 3762	chr2 29220783	-	G	39	chr2:29220705-29220835
## 3763	chr2 29220784	+	G	211	chr2:29220705-29220835
## 3764	chr2 29220784	-	G	39	chr2:29220705-29220835
## 3765	chr2 29220785	+	G	210	chr2:29220705-29220835
## 3766	chr2 29220785	-	G	39	chr2:29220705-29220835
## 3767	chr2 29220786	+	A	200	chr2:29220705-29220835
## 3768	chr2 29220786	-	A	39	chr2:29220705-29220835
## 3769	chr2 29220787	+	T	202	chr2:29220705-29220835
## 3770	chr2 29220787	-	T	28	chr2:29220705-29220835
## 3771	chr2 29220788	+	T	203	chr2:29220705-29220835
## 3772	chr2 29220788	-	T	10	chr2:29220705-29220835
## 3773	chr2 29220789	+	G	200	chr2:29220705-29220835
## 3774	chr2 29220789	-	G	14	chr2:29220705-29220835
## 3775	chr2 29220790	+	C	202	chr2:29220705-29220835
## 3776	chr2 29220790	-	C	23	chr2:29220705-29220835
## 3777	chr2 29220791	+	A	208	chr2:29220705-29220835
## 3778	chr2 29220791	-	A	40	chr2:29220705-29220835
## 3779	chr2 29220792	+	G	200	chr2:29220705-29220835
## 3780	chr2 29220792	-	G	36	chr2:29220705-29220835
## 3781	chr2 29220793	+	G	184	chr2:29220705-29220835
## 3782	chr2 29220793	-	G	41	chr2:29220705-29220835
## 3783	chr2 29220794	+	C	179	chr2:29220705-29220835
## 3784	chr2 29220794	-	C	55	chr2:29220705-29220835
## 3785	chr2 29220795	-	G	2	chr2:29220705-29220835
## 3786	chr2 29220795	+	T	169	chr2:29220705-29220835
## 3787	chr2 29220795	-	T	68	chr2:29220705-29220835
## 3788	chr2 29220796	+	C	156	chr2:29220705-29220835
## 3789	chr2 29220796	-	C	77	chr2:29220705-29220835
## 3790	chr2 29220797	+	A	148	chr2:29220705-29220835
## 3791	chr2 29220797	-	A	84	chr2:29220705-29220835
## 3792	chr2 29220798	+	C	145	chr2:29220705-29220835
## 3793	chr2 29220798	-	C	100	chr2:29220705-29220835
## 3794	chr2 29220799	+	C	150	chr2:29220705-29220835
## 3795	chr2 29220799	-	C	100	chr2:29220705-29220835
## 3796	chr2 29220800	+	A	2	chr2:29220705-29220835
## 3797	chr2 29220800	+	C	147	chr2:29220705-29220835
## 3798	chr2 29220800	-	C	100	chr2:29220705-29220835
## 3799	chr2 29220800	+	T	1	chr2:29220705-29220835
## 3800	chr2 29220801	+	C	150	chr2:29220705-29220835
## 3801	chr2 29220801	-	C	100	chr2:29220705-29220835
## 3802	chr2 29220802	+	A	150	chr2:29220705-29220835

## 3803	chr2	29220802	-	A	100	chr2:29220705-29220835
## 3804	chr2	29220803	+	A	151	chr2:29220705-29220835
## 3805	chr2	29220803	-	A	100	chr2:29220705-29220835
## 3806	chr2	29220804	+	T	151	chr2:29220705-29220835
## 3807	chr2	29220804	-	T	100	chr2:29220705-29220835
## 3808	chr2	29220805	+	G	151	chr2:29220705-29220835
## 3809	chr2	29220805	-	G	100	chr2:29220705-29220835
## 3810	chr2	29220806	+	C	151	chr2:29220705-29220835
## 3811	chr2	29220806	-	C	100	chr2:29220705-29220835
## 3812	chr2	29220807	+	A	151	chr2:29220705-29220835
## 3813	chr2	29220807	-	A	100	chr2:29220705-29220835
## 3814	chr2	29220808	+	A	1	chr2:29220705-29220835
## 3815	chr2	29220808	+	G	150	chr2:29220705-29220835
## 3816	chr2	29220808	-	G	100	chr2:29220705-29220835
## 3817	chr2	29220809	+	C	148	chr2:29220705-29220835
## 3818	chr2	29220809	-	C	100	chr2:29220705-29220835
## 3819	chr2	29220809	+	G	1	chr2:29220705-29220835
## 3820	chr2	29220809	+	T	2	chr2:29220705-29220835
## 3821	chr2	29220810	+	G	150	chr2:29220705-29220835
## 3822	chr2	29220810	-	G	100	chr2:29220705-29220835
## 3823	chr2	29220810	+	T	1	chr2:29220705-29220835
## 3824	chr2	29220811	+	A	150	chr2:29220705-29220835
## 3825	chr2	29220811	-	A	100	chr2:29220705-29220835
## 3826	chr2	29220812	+	A	151	chr2:29220705-29220835
## 3827	chr2	29220812	-	A	100	chr2:29220705-29220835
## 3828	chr2	29220813	+	C	151	chr2:29220705-29220835
## 3829	chr2	29220813	-	C	100	chr2:29220705-29220835
## 3830	chr2	29220814	+	A	151	chr2:29220705-29220835
## 3831	chr2	29220814	-	A	100	chr2:29220705-29220835
## 3832	chr2	29220815	+	A	151	chr2:29220705-29220835
## 3833	chr2	29220815	-	A	100	chr2:29220705-29220835
## 3834	chr2	29220816	+	T	150	chr2:29220705-29220835
## 3835	chr2	29220816	-	T	100	chr2:29220705-29220835
## 3836	chr2	29220817	+	G	150	chr2:29220705-29220835
## 3837	chr2	29220817	-	G	100	chr2:29220705-29220835
## 3838	chr2	29220818	+	T	150	chr2:29220705-29220835
## 3839	chr2	29220818	-	T	100	chr2:29220705-29220835
## 3840	chr2	29220819	+	T	150	chr2:29220705-29220835
## 3841	chr2	29220819	-	T	100	chr2:29220705-29220835
## 3842	chr2	29220820	+	C	150	chr2:29220705-29220835
## 3843	chr2	29220820	-	C	100	chr2:29220705-29220835
## 3844	chr2	29220821	-	C	1	chr2:29220705-29220835
## 3845	chr2	29220821	+	T	150	chr2:29220705-29220835
## 3846	chr2	29220821	-	T	99	chr2:29220705-29220835
## 3847	chr2	29220822	+	G	150	chr2:29220705-29220835
## 3848	chr2	29220822	-	G	100	chr2:29220705-29220835
## 3849	chr2	29220823	+	G	150	chr2:29220705-29220835
## 3850	chr2	29220823	-	G	100	chr2:29220705-29220835
## 3851	chr2	29220824	+	T	150	chr2:29220705-29220835
## 3852	chr2	29220824	-	T	100	chr2:29220705-29220835
## 3853	chr2	29220825	+	G	150	chr2:29220705-29220835
## 3854	chr2	29220825	-	G	100	chr2:29220705-29220835
## 3855	chr2	29220826	+	G	150	chr2:29220705-29220835
## 3856	chr2	29220826	-	G	100	chr2:29220705-29220835

## 3857	chr2 29220827	+	A	1	chr2:29220705-29220835
## 3858	chr2 29220827	+	T	149	chr2:29220705-29220835
## 3859	chr2 29220827	-	T	100	chr2:29220705-29220835
## 3860	chr2 29220828	+	T	150	chr2:29220705-29220835
## 3861	chr2 29220828	-	T	100	chr2:29220705-29220835
## 3862	chr2 29220829	+	G	151	chr2:29220705-29220835
## 3863	chr2 29220829	-	G	100	chr2:29220705-29220835
## 3864	chr2 29220830	+	A	150	chr2:29220705-29220835
## 3865	chr2 29220830	-	A	100	chr2:29220705-29220835
## 3866	chr2 29220830	+	G	1	chr2:29220705-29220835
## 3867	chr2 29220831	+	A	152	chr2:29220705-29220835
## 3868	chr2 29220831	-	A	100	chr2:29220705-29220835
## 3869	chr2 29220832	+	T	152	chr2:29220705-29220835
## 3870	chr2 29220832	-	T	100	chr2:29220705-29220835
## 3871	chr2 29220833	+	T	152	chr2:29220705-29220835
## 3872	chr2 29220833	-	T	100	chr2:29220705-29220835
## 3873	chr2 29220834	+	T	152	chr2:29220705-29220835
## 3874	chr2 29220834	-	T	100	chr2:29220705-29220835
## 3875	chr2 29220835	+	G	152	chr2:29220705-29220835
## 3876	chr2 29220835	-	G	100	chr2:29220705-29220835
## 3877	chr2 29222343	+	C	268	chr2:29222343-29222408
## 3878	chr2 29222343	-	C	34	chr2:29222343-29222408
## 3879	chr2 29222344	+	C	255	chr2:29222343-29222408
## 3880	chr2 29222344	-	C	30	chr2:29222343-29222408
## 3881	chr2 29222345	+	T	236	chr2:29222343-29222408
## 3882	chr2 29222345	-	T	30	chr2:29222343-29222408
## 3883	chr2 29222346	+	G	231	chr2:29222343-29222408
## 3884	chr2 29222346	-	G	30	chr2:29222343-29222408
## 3885	chr2 29222347	+	A	227	chr2:29222343-29222408
## 3886	chr2 29222347	-	A	27	chr2:29222343-29222408
## 3887	chr2 29222348	+	T	225	chr2:29222343-29222408
## 3888	chr2 29222348	-	T	27	chr2:29222343-29222408
## 3889	chr2 29222349	+	G	222	chr2:29222343-29222408
## 3890	chr2 29222349	-	G	27	chr2:29222343-29222408
## 3891	chr2 29222350	+	A	210	chr2:29222343-29222408
## 3892	chr2 29222350	-	A	25	chr2:29222343-29222408
## 3893	chr2 29222351	+	T	214	chr2:29222343-29222408
## 3894	chr2 29222351	-	T	28	chr2:29222343-29222408
## 3895	chr2 29222352	+	C	212	chr2:29222343-29222408
## 3896	chr2 29222352	-	C	29	chr2:29222343-29222408
## 3897	chr2 29222353	+	A	204	chr2:29222343-29222408
## 3898	chr2 29222353	-	A	29	chr2:29222343-29222408
## 3899	chr2 29222354	+	G	210	chr2:29222343-29222408
## 3900	chr2 29222354	-	G	29	chr2:29222343-29222408
## 3901	chr2 29222355	+	G	209	chr2:29222343-29222408
## 3902	chr2 29222355	-	G	27	chr2:29222343-29222408
## 3903	chr2 29222356	+	G	219	chr2:29222343-29222408
## 3904	chr2 29222356	-	G	23	chr2:29222343-29222408
## 3905	chr2 29222357	+	C	219	chr2:29222343-29222408
## 3906	chr2 29222357	-	C	23	chr2:29222343-29222408
## 3907	chr2 29222358	+	T	224	chr2:29222343-29222408
## 3908	chr2 29222358	-	T	20	chr2:29222343-29222408
## 3909	chr2 29222359	+	T	225	chr2:29222343-29222408
## 3910	chr2 29222359	-	T	20	chr2:29222343-29222408

## 3911	chr2 29222360	+	C	228	chr2:29222343-29222408
## 3912	chr2 29222360	-	C	19	chr2:29222343-29222408
## 3913	chr2 29222361	+	C	211	chr2:29222343-29222408
## 3914	chr2 29222361	-	C	18	chr2:29222343-29222408
## 3915	chr2 29222362	+	A	225	chr2:29222343-29222408
## 3916	chr2 29222362	-	A	14	chr2:29222343-29222408
## 3917	chr2 29222363	+	T	228	chr2:29222343-29222408
## 3918	chr2 29222363	-	T	14	chr2:29222343-29222408
## 3919	chr2 29222364	+	G	229	chr2:29222343-29222408
## 3920	chr2 29222364	-	G	14	chr2:29222343-29222408
## 3921	chr2 29222364	+	T	1	chr2:29222343-29222408
## 3922	chr2 29222365	+	A	223	chr2:29222343-29222408
## 3923	chr2 29222365	-	A	12	chr2:29222343-29222408
## 3924	chr2 29222366	+	G	223	chr2:29222343-29222408
## 3925	chr2 29222366	-	G	12	chr2:29222343-29222408
## 3926	chr2 29222367	+	G	232	chr2:29222343-29222408
## 3927	chr2 29222367	-	G	18	chr2:29222343-29222408
## 3928	chr2 29222368	+	A	232	chr2:29222343-29222408
## 3929	chr2 29222368	-	A	17	chr2:29222343-29222408
## 3930	chr2 29222369	+	A	233	chr2:29222343-29222408
## 3931	chr2 29222369	-	A	16	chr2:29222343-29222408
## 3932	chr2 29222370	+	A	234	chr2:29222343-29222408
## 3933	chr2 29222370	-	A	16	chr2:29222343-29222408
## 3934	chr2 29222371	+	T	235	chr2:29222343-29222408
## 3935	chr2 29222371	-	T	16	chr2:29222343-29222408
## 3936	chr2 29222372	-	A	1	chr2:29222343-29222408
## 3937	chr2 29222372	+	C	234	chr2:29222343-29222408
## 3938	chr2 29222372	-	C	15	chr2:29222343-29222408
## 3939	chr2 29222373	+	C	234	chr2:29222343-29222408
## 3940	chr2 29222373	-	C	16	chr2:29222343-29222408
## 3941	chr2 29222374	+	A	234	chr2:29222343-29222408
## 3942	chr2 29222374	-	A	16	chr2:29222343-29222408
## 3943	chr2 29222375	+	G	234	chr2:29222343-29222408
## 3944	chr2 29222375	-	G	15	chr2:29222343-29222408
## 3945	chr2 29222375	-	T	1	chr2:29222343-29222408
## 3946	chr2 29222376	+	T	234	chr2:29222343-29222408
## 3947	chr2 29222376	-	T	16	chr2:29222343-29222408
## 3948	chr2 29222377	+	T	234	chr2:29222343-29222408
## 3949	chr2 29222377	-	T	16	chr2:29222343-29222408
## 3950	chr2 29222378	+	C	234	chr2:29222343-29222408
## 3951	chr2 29222378	-	C	16	chr2:29222343-29222408
## 3952	chr2 29222379	+	G	235	chr2:29222343-29222408
## 3953	chr2 29222379	-	G	16	chr2:29222343-29222408
## 3954	chr2 29222380	-	G	1	chr2:29222343-29222408
## 3955	chr2 29222380	+	T	235	chr2:29222343-29222408
## 3956	chr2 29222380	-	T	15	chr2:29222343-29222408
## 3957	chr2 29222381	+	C	235	chr2:29222343-29222408
## 3958	chr2 29222381	-	C	16	chr2:29222343-29222408
## 3959	chr2 29222382	+	C	235	chr2:29222343-29222408
## 3960	chr2 29222382	-	C	16	chr2:29222343-29222408
## 3961	chr2 29222383	+	T	231	chr2:29222343-29222408
## 3962	chr2 29222383	-	T	16	chr2:29222343-29222408
## 3963	chr2 29222384	+	G	234	chr2:29222343-29222408
## 3964	chr2 29222384	-	G	16	chr2:29222343-29222408

## 3965	chr2 29222385	+	T	234	chr2:29222343-29222408
## 3966	chr2 29222385	-	T	16	chr2:29222343-29222408
## 3967	chr2 29222386	+	T	234	chr2:29222343-29222408
## 3968	chr2 29222386	-	T	16	chr2:29222343-29222408
## 3969	chr2 29222387	+	C	235	chr2:29222343-29222408
## 3970	chr2 29222387	-	C	16	chr2:29222343-29222408
## 3971	chr2 29222388	+	A	236	chr2:29222343-29222408
## 3972	chr2 29222388	-	A	16	chr2:29222343-29222408
## 3973	chr2 29222389	+	G	236	chr2:29222343-29222408
## 3974	chr2 29222389	-	G	16	chr2:29222343-29222408
## 3975	chr2 29222390	+	A	236	chr2:29222343-29222408
## 3976	chr2 29222390	-	A	16	chr2:29222343-29222408
## 3977	chr2 29222391	+	G	236	chr2:29222343-29222408
## 3978	chr2 29222391	-	G	16	chr2:29222343-29222408
## 3979	chr2 29222392	+	C	236	chr2:29222343-29222408
## 3980	chr2 29222392	-	C	16	chr2:29222343-29222408
## 3981	chr2 29222393	+	A	237	chr2:29222343-29222408
## 3982	chr2 29222393	-	A	16	chr2:29222343-29222408
## 3983	chr2 29222394	+	C	237	chr2:29222343-29222408
## 3984	chr2 29222394	-	C	16	chr2:29222343-29222408
## 3985	chr2 29222395	+	A	237	chr2:29222343-29222408
## 3986	chr2 29222395	-	A	16	chr2:29222343-29222408
## 3987	chr2 29222396	+	C	237	chr2:29222343-29222408
## 3988	chr2 29222396	-	C	16	chr2:29222343-29222408
## 3989	chr2 29222397	+	T	237	chr2:29222343-29222408
## 3990	chr2 29222397	-	T	16	chr2:29222343-29222408
## 3991	chr2 29222398	+	T	237	chr2:29222343-29222408
## 3992	chr2 29222398	-	T	16	chr2:29222343-29222408
## 3993	chr2 29222399	-	-	1	chr2:29222343-29222408
## 3994	chr2 29222399	+	C	237	chr2:29222343-29222408
## 3995	chr2 29222399	-	C	15	chr2:29222343-29222408
## 3996	chr2 29222400	+	A	237	chr2:29222343-29222408
## 3997	chr2 29222400	-	A	16	chr2:29222343-29222408
## 3998	chr2 29222401	+	G	237	chr2:29222343-29222408
## 3999	chr2 29222401	-	G	16	chr2:29222343-29222408
## 4000	chr2 29222402	+	G	237	chr2:29222343-29222408
## 4001	chr2 29222402	-	G	16	chr2:29222343-29222408
## 4002	chr2 29222403	+	C	236	chr2:29222343-29222408
## 4003	chr2 29222403	-	C	16	chr2:29222343-29222408
## 4004	chr2 29222403	+	G	1	chr2:29222343-29222408
## 4005	chr2 29222404	+	A	237	chr2:29222343-29222408
## 4006	chr2 29222404	-	A	16	chr2:29222343-29222408
## 4007	chr2 29222405	+	G	237	chr2:29222343-29222408
## 4008	chr2 29222405	-	G	16	chr2:29222343-29222408
## 4009	chr2 29222406	+	C	237	chr2:29222343-29222408
## 4010	chr2 29222406	-	C	16	chr2:29222343-29222408
## 4011	chr2 29222407	+	G	237	chr2:29222343-29222408
## 4012	chr2 29222407	-	G	15	chr2:29222343-29222408
## 4013	chr2 29222408	+	T	237	chr2:29222343-29222408
## 4014	chr2 29222408	-	T	15	chr2:29222343-29222408
## 4015	chr2 29222516	+	C	196	chr2:29222516-29222607
## 4016	chr2 29222516	-	C	120	chr2:29222516-29222607
## 4017	chr2 29222517	+	C	181	chr2:29222516-29222607
## 4018	chr2 29222517	-	C	112	chr2:29222516-29222607

## 4019	chr2	29222518	+	T	166	chr2:29222516-29222607
## 4020	chr2	29222518	-	T	102	chr2:29222516-29222607
## 4021	chr2	29222519	+	T	161	chr2:29222516-29222607
## 4022	chr2	29222519	-	T	90	chr2:29222516-29222607
## 4023	chr2	29222520	+	C	156	chr2:29222516-29222607
## 4024	chr2	29222520	-	C	72	chr2:29222516-29222607
## 4025	chr2	29222521	+	A	147	chr2:29222516-29222607
## 4026	chr2	29222521	-	A	75	chr2:29222516-29222607
## 4027	chr2	29222522	+	C	158	chr2:29222516-29222607
## 4028	chr2	29222522	-	C	60	chr2:29222516-29222607
## 4029	chr2	29222523	+	A	155	chr2:29222516-29222607
## 4030	chr2	29222523	-	A	62	chr2:29222516-29222607
## 4031	chr2	29222524	+	G	151	chr2:29222516-29222607
## 4032	chr2	29222524	-	G	62	chr2:29222516-29222607
## 4033	chr2	29222525	+	C	147	chr2:29222516-29222607
## 4034	chr2	29222525	-	C	57	chr2:29222516-29222607
## 4035	chr2	29222526	+	C	121	chr2:29222516-29222607
## 4036	chr2	29222526	-	C	64	chr2:29222516-29222607
## 4037	chr2	29222527	+	A	127	chr2:29222516-29222607
## 4038	chr2	29222527	-	A	75	chr2:29222516-29222607
## 4039	chr2	29222528	+	C	130	chr2:29222516-29222607
## 4040	chr2	29222528	-	C	90	chr2:29222516-29222607
## 4041	chr2	29222529	+	T	137	chr2:29222516-29222607
## 4042	chr2	29222529	-	T	102	chr2:29222516-29222607
## 4043	chr2	29222530	+	T	144	chr2:29222516-29222607
## 4044	chr2	29222530	-	T	106	chr2:29222516-29222607
## 4045	chr2	29222531	+	G	144	chr2:29222516-29222607
## 4046	chr2	29222531	-	G	106	chr2:29222516-29222607
## 4047	chr2	29222532	+	C	143	chr2:29222516-29222607
## 4048	chr2	29222532	-	C	106	chr2:29222516-29222607
## 4049	chr2	29222532	+	T	1	chr2:29222516-29222607
## 4050	chr2	29222533	+	A	144	chr2:29222516-29222607
## 4051	chr2	29222533	-	A	106	chr2:29222516-29222607
## 4052	chr2	29222534	+	G	144	chr2:29222516-29222607
## 4053	chr2	29222534	-	G	106	chr2:29222516-29222607
## 4054	chr2	29222535	+	G	144	chr2:29222516-29222607
## 4055	chr2	29222535	-	G	106	chr2:29222516-29222607
## 4056	chr2	29222536	+	G	143	chr2:29222516-29222607
## 4057	chr2	29222536	-	G	107	chr2:29222516-29222607
## 4058	chr2	29222537	+	G	143	chr2:29222516-29222607
## 4059	chr2	29222537	-	G	107	chr2:29222516-29222607
## 4060	chr2	29222538	+	G	143	chr2:29222516-29222607
## 4061	chr2	29222538	-	G	107	chr2:29222516-29222607
## 4062	chr2	29222539	+	C	143	chr2:29222516-29222607
## 4063	chr2	29222539	-	C	107	chr2:29222516-29222607
## 4064	chr2	29222540	+	T	143	chr2:29222516-29222607
## 4065	chr2	29222540	-	T	107	chr2:29222516-29222607
## 4066	chr2	29222541	+	T	143	chr2:29222516-29222607
## 4067	chr2	29222541	-	T	107	chr2:29222516-29222607
## 4068	chr2	29222542	+	G	143	chr2:29222516-29222607
## 4069	chr2	29222542	-	G	107	chr2:29222516-29222607
## 4070	chr2	29222543	+	G	143	chr2:29222516-29222607
## 4071	chr2	29222543	-	G	107	chr2:29222516-29222607
## 4072	chr2	29222544	+	G	143	chr2:29222516-29222607

## 4073	chr2 29222544	-	G	107	chr2:29222516-29222607
## 4074	chr2 29222545	+	T	143	chr2:29222516-29222607
## 4075	chr2 29222545	-	T	107	chr2:29222516-29222607
## 4076	chr2 29222546	+	C	142	chr2:29222516-29222607
## 4077	chr2 29222546	-	C	107	chr2:29222516-29222607
## 4078	chr2 29222546	+	T	1	chr2:29222516-29222607
## 4079	chr2 29222547	+	G	143	chr2:29222516-29222607
## 4080	chr2 29222547	-	G	107	chr2:29222516-29222607
## 4081	chr2 29222548	+	T	143	chr2:29222516-29222607
## 4082	chr2 29222548	-	T	107	chr2:29222516-29222607
## 4083	chr2 29222549	+	T	143	chr2:29222516-29222607
## 4084	chr2 29222549	-	T	107	chr2:29222516-29222607
## 4085	chr2 29222550	+	A	1	chr2:29222516-29222607
## 4086	chr2 29222550	+	G	142	chr2:29222516-29222607
## 4087	chr2 29222550	-	G	107	chr2:29222516-29222607
## 4088	chr2 29222551	+	A	1	chr2:29222516-29222607
## 4089	chr2 29222551	+	G	142	chr2:29222516-29222607
## 4090	chr2 29222551	-	G	107	chr2:29222516-29222607
## 4091	chr2 29222552	+	G	143	chr2:29222516-29222607
## 4092	chr2 29222552	-	G	107	chr2:29222516-29222607
## 4093	chr2 29222553	+	C	143	chr2:29222516-29222607
## 4094	chr2 29222553	-	C	107	chr2:29222516-29222607
## 4095	chr2 29222554	+	A	143	chr2:29222516-29222607
## 4096	chr2 29222554	-	A	107	chr2:29222516-29222607
## 4097	chr2 29222555	+	T	143	chr2:29222516-29222607
## 4098	chr2 29222555	-	T	107	chr2:29222516-29222607
## 4099	chr2 29222556	+	T	143	chr2:29222516-29222607
## 4100	chr2 29222556	-	T	107	chr2:29222516-29222607
## 4101	chr2 29222557	+	C	143	chr2:29222516-29222607
## 4102	chr2 29222557	-	C	107	chr2:29222516-29222607
## 4103	chr2 29222558	+	C	143	chr2:29222516-29222607
## 4104	chr2 29222558	-	C	107	chr2:29222516-29222607
## 4105	chr2 29222559	+	G	141	chr2:29222516-29222607
## 4106	chr2 29222559	-	G	107	chr2:29222516-29222607
## 4107	chr2 29222559	+	T	2	chr2:29222516-29222607
## 4108	chr2 29222560	+	G	143	chr2:29222516-29222607
## 4109	chr2 29222560	-	G	107	chr2:29222516-29222607
## 4110	chr2 29222561	+	A	142	chr2:29222516-29222607
## 4111	chr2 29222561	-	A	107	chr2:29222516-29222607
## 4112	chr2 29222561	+	C	1	chr2:29222516-29222607
## 4113	chr2 29222562	+	C	143	chr2:29222516-29222607
## 4114	chr2 29222562	-	C	107	chr2:29222516-29222607
## 4115	chr2 29222563	+	A	141	chr2:29222516-29222607
## 4116	chr2 29222563	-	A	107	chr2:29222516-29222607
## 4117	chr2 29222563	+	C	2	chr2:29222516-29222607
## 4118	chr2 29222564	+	C	143	chr2:29222516-29222607
## 4119	chr2 29222564	-	C	107	chr2:29222516-29222607
## 4120	chr2 29222565	+	C	142	chr2:29222516-29222607
## 4121	chr2 29222565	-	C	107	chr2:29222516-29222607
## 4122	chr2 29222566	+	T	143	chr2:29222516-29222607
## 4123	chr2 29222566	-	T	107	chr2:29222516-29222607
## 4124	chr2 29222567	+	G	143	chr2:29222516-29222607
## 4125	chr2 29222567	-	G	107	chr2:29222516-29222607
## 4126	chr2 29222568	+	G	143	chr2:29222516-29222607

## 4127	chr2 29222568	-	G 107	chr2:29222516-29222607
## 4128	chr2 29222569	+	C 143	chr2:29222516-29222607
## 4129	chr2 29222569	-	C 106	chr2:29222516-29222607
## 4130	chr2 29222570	+	C 144	chr2:29222516-29222607
## 4131	chr2 29222570	-	C 106	chr2:29222516-29222607
## 4132	chr2 29222571	+	T 143	chr2:29222516-29222607
## 4133	chr2 29222571	-	T 106	chr2:29222516-29222607
## 4134	chr2 29222572	+	T 145	chr2:29222516-29222607
## 4135	chr2 29222572	-	T 106	chr2:29222516-29222607
## 4136	chr2 29222573	+	C 145	chr2:29222516-29222607
## 4137	chr2 29222573	-	C 106	chr2:29222516-29222607
## 4138	chr2 29222574	+	A 146	chr2:29222516-29222607
## 4139	chr2 29222574	-	A 106	chr2:29222516-29222607
## 4140	chr2 29222575	-	C 1	chr2:29222516-29222607
## 4141	chr2 29222575	+	T 146	chr2:29222516-29222607
## 4142	chr2 29222575	-	T 105	chr2:29222516-29222607
## 4143	chr2 29222576	+	A 145	chr2:29222516-29222607
## 4144	chr2 29222576	-	A 106	chr2:29222516-29222607
## 4145	chr2 29222577	+	C 145	chr2:29222516-29222607
## 4146	chr2 29222577	-	C 106	chr2:29222516-29222607
## 4147	chr2 29222578	+	A 145	chr2:29222516-29222607
## 4148	chr2 29222578	-	A 105	chr2:29222516-29222607
## 4149	chr2 29222578	-	C 1	chr2:29222516-29222607
## 4150	chr2 29222579	+	C 145	chr2:29222516-29222607
## 4151	chr2 29222579	-	C 106	chr2:29222516-29222607
## 4152	chr2 29222580	+	C 143	chr2:29222516-29222607
## 4153	chr2 29222580	-	C 106	chr2:29222516-29222607
## 4154	chr2 29222581	+	T 143	chr2:29222516-29222607
## 4155	chr2 29222581	-	T 106	chr2:29222516-29222607
## 4156	chr2 29222582	+	C 144	chr2:29222516-29222607
## 4157	chr2 29222582	-	C 105	chr2:29222516-29222607
## 4158	chr2 29222583	+	C 144	chr2:29222516-29222607
## 4159	chr2 29222583	-	C 106	chr2:29222516-29222607
## 4160	chr2 29222584	+	C 145	chr2:29222516-29222607
## 4161	chr2 29222584	-	C 106	chr2:29222516-29222607
## 4162	chr2 29222585	+	C 145	chr2:29222516-29222607
## 4163	chr2 29222585	-	C 105	chr2:29222516-29222607
## 4164	chr2 29222586	+	A 145	chr2:29222516-29222607
## 4165	chr2 29222586	-	A 105	chr2:29222516-29222607
## 4166	chr2 29222587	+	A 144	chr2:29222516-29222607
## 4167	chr2 29222587	-	A 104	chr2:29222516-29222607
## 4168	chr2 29222588	+	A 145	chr2:29222516-29222607
## 4169	chr2 29222588	-	A 104	chr2:29222516-29222607
## 4170	chr2 29222588	+	G 1	chr2:29222516-29222607
## 4171	chr2 29222589	-	C 1	chr2:29222516-29222607
## 4172	chr2 29222589	+	G 146	chr2:29222516-29222607
## 4173	chr2 29222589	-	G 103	chr2:29222516-29222607
## 4174	chr2 29222590	+	G 145	chr2:29222516-29222607
## 4175	chr2 29222590	-	G 104	chr2:29222516-29222607
## 4176	chr2 29222591	+	C 146	chr2:29222516-29222607
## 4177	chr2 29222591	-	C 104	chr2:29222516-29222607
## 4178	chr2 29222592	-	A 9	chr2:29222516-29222607
## 4179	chr2 29222592	+	G 146	chr2:29222516-29222607
## 4180	chr2 29222592	-	G 95	chr2:29222516-29222607

## 4181	chr2 29222593	+	C	146	chr2:29222516-29222607
## 4182	chr2 29222593	-	C	104	chr2:29222516-29222607
## 4183	chr2 29222594	+	C	146	chr2:29222516-29222607
## 4184	chr2 29222594	-	C	104	chr2:29222516-29222607
## 4185	chr2 29222595	+	A	146	chr2:29222516-29222607
## 4186	chr2 29222595	-	A	104	chr2:29222516-29222607
## 4187	chr2 29222596	+	T	141	chr2:29222516-29222607
## 4188	chr2 29222596	-	T	92	chr2:29222516-29222607
## 4189	chr2 29222597	+	G	126	chr2:29222516-29222607
## 4190	chr2 29222597	-	G	84	chr2:29222516-29222607
## 4191	chr2 29222598	+	G	122	chr2:29222516-29222607
## 4192	chr2 29222598	-	G	84	chr2:29222516-29222607
## 4193	chr2 29222599	+	C	116	chr2:29222516-29222607
## 4194	chr2 29222599	-	C	87	chr2:29222516-29222607
## 4195	chr2 29222599	-	G	6	chr2:29222516-29222607
## 4196	chr2 29222600	+	C	120	chr2:29222516-29222607
## 4197	chr2 29222600	-	C	91	chr2:29222516-29222607
## 4198	chr2 29222601	+	A	1	chr2:29222516-29222607
## 4199	chr2 29222601	+	C	118	chr2:29222516-29222607
## 4200	chr2 29222601	-	C	93	chr2:29222516-29222607
## 4201	chr2 29222602	+	A	113	chr2:29222516-29222607
## 4202	chr2 29222602	-	A	85	chr2:29222516-29222607
## 4203	chr2 29222603	+	G	120	chr2:29222516-29222607
## 4204	chr2 29222603	-	G	76	chr2:29222516-29222607
## 4205	chr2 29222604	+	A	113	chr2:29222516-29222607
## 4206	chr2 29222604	-	A	66	chr2:29222516-29222607
## 4207	chr2 29222604	-	G	1	chr2:29222516-29222607
## 4208	chr2 29222605	+	C	108	chr2:29222516-29222607
## 4209	chr2 29222605	-	C	66	chr2:29222516-29222607
## 4210	chr2 29222606	+	C	112	chr2:29222516-29222607
## 4211	chr2 29222606	-	C	75	chr2:29222516-29222607
## 4212	chr2 29222607	+	C	118	chr2:29222516-29222607
## 4213	chr2 29222607	-	C	77	chr2:29222516-29222607
## 4214	chr2 29223341	+	A	1	chr2:29223341-29224678
## 4215	chr2 29223341	+	C	291	chr2:29223341-29224678
## 4216	chr2 29223341	-	C	10	chr2:29223341-29224678
## 4217	chr2 29223342	+	C	287	chr2:29223341-29224678
## 4218	chr2 29223342	-	C	10	chr2:29223341-29224678
## 4219	chr2 29223343	+	G	277	chr2:29223341-29224678
## 4220	chr2 29223343	-	G	10	chr2:29223341-29224678
## 4221	chr2 29223344	+	A	270	chr2:29223341-29224678
## 4222	chr2 29223344	-	A	10	chr2:29223341-29224678
## 4223	chr2 29223345	+	A	271	chr2:29223341-29224678
## 4224	chr2 29223345	-	A	10	chr2:29223341-29224678
## 4225	chr2 29223346	+	T	265	chr2:29223341-29224678
## 4226	chr2 29223346	-	T	10	chr2:29223341-29224678
## 4227	chr2 29223347	+	G	260	chr2:29223341-29224678
## 4228	chr2 29223347	-	G	10	chr2:29223341-29224678
## 4229	chr2 29223348	+	A	254	chr2:29223341-29224678
## 4230	chr2 29223348	-	A	10	chr2:29223341-29224678
## 4231	chr2 29223349	+	G	247	chr2:29223341-29224678
## 4232	chr2 29223349	-	G	10	chr2:29223341-29224678
## 4233	chr2 29223350	+	G	244	chr2:29223341-29224678
## 4234	chr2 29223350	-	G	10	chr2:29223341-29224678

## 4235	chr2 29223351	+	G	232	chr2:29223341-29224678
## 4236	chr2 29223351	-	G	10	chr2:29223341-29224678
## 4237	chr2 29223352	+	T	233	chr2:29223341-29224678
## 4238	chr2 29223352	-	T	10	chr2:29223341-29224678
## 4239	chr2 29223353	+	C	1	chr2:29223341-29224678
## 4240	chr2 29223353	+	G	233	chr2:29223341-29224678
## 4241	chr2 29223353	-	G	7	chr2:29223341-29224678
## 4242	chr2 29223354	+	A	230	chr2:29223341-29224678
## 4243	chr2 29223354	-	A	7	chr2:29223341-29224678
## 4244	chr2 29223355	+	T	241	chr2:29223341-29224678
## 4245	chr2 29223355	-	T	6	chr2:29223341-29224678
## 4246	chr2 29223356	+	G	236	chr2:29223341-29224678
## 4247	chr2 29223356	-	G	6	chr2:29223341-29224678
## 4248	chr2 29223357	+	T	239	chr2:29223341-29224678
## 4249	chr2 29223357	-	T	4	chr2:29223341-29224678
## 4250	chr2 29223358	+	T	230	chr2:29223341-29224678
## 4251	chr2 29223358	-	T	4	chr2:29223341-29224678
## 4252	chr2 29223359	+	T	231	chr2:29223341-29224678
## 4253	chr2 29223359	-	T	4	chr2:29223341-29224678
## 4254	chr2 29223360	+	T	237	chr2:29223341-29224678
## 4255	chr2 29223360	-	T	4	chr2:29223341-29224678
## 4256	chr2 29223361	+	A	1	chr2:29223341-29224678
## 4257	chr2 29223361	+	T	228	chr2:29223341-29224678
## 4258	chr2 29223361	-	T	4	chr2:29223341-29224678
## 4259	chr2 29223362	+	C	217	chr2:29223341-29224678
## 4260	chr2 29223362	-	C	2	chr2:29223341-29224678
## 4261	chr2 29223363	+	C	212	chr2:29223341-29224678
## 4262	chr2 29223363	-	C	13	chr2:29223341-29224678
## 4263	chr2 29223364	+	G	226	chr2:29223341-29224678
## 4264	chr2 29223364	-	G	11	chr2:29223341-29224678
## 4265	chr2 29223365	+	C	230	chr2:29223341-29224678
## 4266	chr2 29223365	-	C	11	chr2:29223341-29224678
## 4267	chr2 29223365	+	T	1	chr2:29223341-29224678
## 4268	chr2 29223366	+	G	239	chr2:29223341-29224678
## 4269	chr2 29223366	-	G	11	chr2:29223341-29224678
## 4270	chr2 29223367	+	C	1	chr2:29223341-29224678
## 4271	chr2 29223367	+	G	238	chr2:29223341-29224678
## 4272	chr2 29223367	-	G	11	chr2:29223341-29224678
## 4273	chr2 29223368	+	C	239	chr2:29223341-29224678
## 4274	chr2 29223368	-	C	11	chr2:29223341-29224678
## 4275	chr2 29223369	+	A	239	chr2:29223341-29224678
## 4276	chr2 29223369	-	A	11	chr2:29223341-29224678
## 4277	chr2 29223370	+	C	239	chr2:29223341-29224678
## 4278	chr2 29223370	-	C	11	chr2:29223341-29224678
## 4279	chr2 29223371	+	C	239	chr2:29223341-29224678
## 4280	chr2 29223371	-	C	11	chr2:29223341-29224678
## 4281	chr2 29223372	+	C	1	chr2:29223341-29224678
## 4282	chr2 29223372	+	T	238	chr2:29223341-29224678
## 4283	chr2 29223372	-	T	11	chr2:29223341-29224678
## 4284	chr2 29223373	+	C	239	chr2:29223341-29224678
## 4285	chr2 29223373	-	C	11	chr2:29223341-29224678
## 4286	chr2 29223374	+	C	239	chr2:29223341-29224678
## 4287	chr2 29223374	-	C	11	chr2:29223341-29224678
## 4288	chr2 29223375	+	T	239	chr2:29223341-29224678

## 4289	chr2 29223375	-	T	11	chr2:29223341-29224678
## 4290	chr2 29223376	+	T	239	chr2:29223341-29224678
## 4291	chr2 29223376	-	T	11	chr2:29223341-29224678
## 4292	chr2 29223377	+	C	239	chr2:29223341-29224678
## 4293	chr2 29223377	-	C	11	chr2:29223341-29224678
## 4294	chr2 29223378	+	A	239	chr2:29223341-29224678
## 4295	chr2 29223378	-	A	11	chr2:29223341-29224678
## 4296	chr2 29223379	+	G	239	chr2:29223341-29224678
## 4297	chr2 29223379	-	G	11	chr2:29223341-29224678
## 4298	chr2 29223380	+	G	239	chr2:29223341-29224678
## 4299	chr2 29223380	-	G	11	chr2:29223341-29224678
## 4300	chr2 29223381	+	T	239	chr2:29223341-29224678
## 4301	chr2 29223381	-	T	11	chr2:29223341-29224678
## 4302	chr2 29223382	+	C	239	chr2:29223341-29224678
## 4303	chr2 29223382	-	C	11	chr2:29223341-29224678
## 4304	chr2 29223383	+	A	239	chr2:29223341-29224678
## 4305	chr2 29223383	-	A	11	chr2:29223341-29224678
## 4306	chr2 29223384	+	C	239	chr2:29223341-29224678
## 4307	chr2 29223384	-	C	11	chr2:29223341-29224678
## 4308	chr2 29223385	+	T	239	chr2:29223341-29224678
## 4309	chr2 29223385	-	T	11	chr2:29223341-29224678
## 4310	chr2 29223386	+	G	239	chr2:29223341-29224678
## 4311	chr2 29223386	-	G	11	chr2:29223341-29224678
## 4312	chr2 29223387	+	A	238	chr2:29223341-29224678
## 4313	chr2 29223387	-	A	11	chr2:29223341-29224678
## 4314	chr2 29223387	+	G	1	chr2:29223341-29224678
## 4315	chr2 29223388	+	T	239	chr2:29223341-29224678
## 4316	chr2 29223388	-	T	11	chr2:29223341-29224678
## 4317	chr2 29223389	+	G	239	chr2:29223341-29224678
## 4318	chr2 29223389	-	G	11	chr2:29223341-29224678
## 4319	chr2 29223390	+	G	238	chr2:29223341-29224678
## 4320	chr2 29223390	-	G	11	chr2:29223341-29224678
## 4321	chr2 29223391	+	A	239	chr2:29223341-29224678
## 4322	chr2 29223391	-	A	11	chr2:29223341-29224678
## 4323	chr2 29223392	+	G	239	chr2:29223341-29224678
## 4324	chr2 29223392	-	G	11	chr2:29223341-29224678
## 4325	chr2 29223393	+	G	239	chr2:29223341-29224678
## 4326	chr2 29223393	-	G	11	chr2:29223341-29224678
## 4327	chr2 29223394	+	A	239	chr2:29223341-29224678
## 4328	chr2 29223394	-	A	11	chr2:29223341-29224678
## 4329	chr2 29223395	+	G	239	chr2:29223341-29224678
## 4330	chr2 29223395	-	G	11	chr2:29223341-29224678
## 4331	chr2 29223396	+	G	239	chr2:29223341-29224678
## 4332	chr2 29223396	-	G	11	chr2:29223341-29224678
## 4333	chr2 29223397	+	G	1	chr2:29223341-29224678
## 4334	chr2 29223397	+	T	238	chr2:29223341-29224678
## 4335	chr2 29223397	-	T	11	chr2:29223341-29224678
## 4336	chr2 29223398	+	C	239	chr2:29223341-29224678
## 4337	chr2 29223398	-	C	11	chr2:29223341-29224678
## 4338	chr2 29223399	+	T	239	chr2:29223341-29224678
## 4339	chr2 29223399	-	T	11	chr2:29223341-29224678
## 4340	chr2 29223400	+	T	239	chr2:29223341-29224678
## 4341	chr2 29223400	-	T	11	chr2:29223341-29224678
## 4342	chr2 29223401	+	G	239	chr2:29223341-29224678

## 4343	chr2 29223401	-	G	11	chr2:29223341-29224678
## 4344	chr2 29223402	+	C	239	chr2:29223341-29224678
## 4345	chr2 29223402	-	C	11	chr2:29223341-29224678
## 4346	chr2 29223403	+	C	239	chr2:29223341-29224678
## 4347	chr2 29223403	-	C	11	chr2:29223341-29224678
## 4348	chr2 29223404	+	A	239	chr2:29223341-29224678
## 4349	chr2 29223404	-	A	11	chr2:29223341-29224678
## 4350	chr2 29223405	+	G	238	chr2:29223341-29224678
## 4351	chr2 29223405	-	G	11	chr2:29223341-29224678
## 4352	chr2 29223406	+	C	240	chr2:29223341-29224678
## 4353	chr2 29223406	-	C	11	chr2:29223341-29224678
## 4354	chr2 29223407	+	A	240	chr2:29223341-29224678
## 4355	chr2 29223407	-	A	11	chr2:29223341-29224678
## 4356	chr2 29223408	+	A	240	chr2:29223341-29224678
## 4357	chr2 29223408	-	A	11	chr2:29223341-29224678
## 4358	chr2 29223409	+	A	240	chr2:29223341-29224678
## 4359	chr2 29223409	-	A	11	chr2:29223341-29224678
## 4360	chr2 29223410	+	G	240	chr2:29223341-29224678
## 4361	chr2 29223410	-	G	11	chr2:29223341-29224678
## 4362	chr2 29223411	+	C	240	chr2:29223341-29224678
## 4363	chr2 29223411	-	C	10	chr2:29223341-29224678
## 4364	chr2 29223412	+	A	239	chr2:29223341-29224678
## 4365	chr2 29223412	-	A	10	chr2:29223341-29224678
## 4366	chr2 29223413	+	G	239	chr2:29223341-29224678
## 4367	chr2 29223413	-	G	10	chr2:29223341-29224678
## 4368	chr2 29223414	+	T	240	chr2:29223341-29224678
## 4369	chr2 29223414	-	T	10	chr2:29223341-29224678
## 4370	chr2 29223415	+	A	240	chr2:29223341-29224678
## 4371	chr2 29223415	-	A	10	chr2:29223341-29224678
## 4372	chr2 29223416	+	G	240	chr2:29223341-29224678
## 4373	chr2 29223416	-	G	10	chr2:29223341-29224678
## 4374	chr2 29223417	+	T	239	chr2:29223341-29224678
## 4375	chr2 29223417	-	T	10	chr2:29223341-29224678
## 4376	chr2 29223418	+	T	240	chr2:29223341-29224678
## 4377	chr2 29223418	-	T	10	chr2:29223341-29224678
## 4378	chr2 29223419	+	A	1	chr2:29223341-29224678
## 4379	chr2 29223419	+	G	238	chr2:29223341-29224678
## 4380	chr2 29223419	-	G	11	chr2:29223341-29224678
## 4381	chr2 29223420	+	G	239	chr2:29223341-29224678
## 4382	chr2 29223420	-	G	11	chr2:29223341-29224678
## 4383	chr2 29223421	+	G	239	chr2:29223341-29224678
## 4384	chr2 29223421	-	G	11	chr2:29223341-29224678
## 4385	chr2 29223422	+	G	239	chr2:29223341-29224678
## 4386	chr2 29223422	-	G	11	chr2:29223341-29224678
## 4387	chr2 29223423	+	T	239	chr2:29223341-29224678
## 4388	chr2 29223423	-	T	11	chr2:29223341-29224678
## 4389	chr2 29223424	+	T	239	chr2:29223341-29224678
## 4390	chr2 29223424	-	T	11	chr2:29223341-29224678
## 4391	chr2 29223425	+	G	239	chr2:29223341-29224678
## 4392	chr2 29223425	-	G	11	chr2:29223341-29224678
## 4393	chr2 29223426	+	T	239	chr2:29223341-29224678
## 4394	chr2 29223426	-	T	11	chr2:29223341-29224678
## 4395	chr2 29223427	+	A	230	chr2:29223341-29224678
## 4396	chr2 29223427	-	A	11	chr2:29223341-29224678

## 4397	chr2 29223427	+	T	1	chr2:29223341-29224678
## 4398	chr2 29223428	+	G	231	chr2:29223341-29224678
## 4399	chr2 29223428	-	G	11	chr2:29223341-29224678
## 4400	chr2 29223428	+	T	1	chr2:29223341-29224678
## 4401	chr2 29223429	+	T	230	chr2:29223341-29224678
## 4402	chr2 29223429	-	T	11	chr2:29223341-29224678
## 4403	chr2 29223430	+	C	218	chr2:29223341-29224678
## 4404	chr2 29223430	-	C	19	chr2:29223341-29224678
## 4405	chr2 29223430	+	T	1	chr2:29223341-29224678
## 4406	chr2 29223431	+	A	1	chr2:29223341-29224678
## 4407	chr2 29223431	+	G	228	chr2:29223341-29224678
## 4408	chr2 29223431	-	G	19	chr2:29223341-29224678
## 4409	chr2 29223432	+	C	1	chr2:29223341-29224678
## 4410	chr2 29223432	+	G	223	chr2:29223341-29224678
## 4411	chr2 29223432	-	G	19	chr2:29223341-29224678
## 4412	chr2 29223433	+	A	1	chr2:29223341-29224678
## 4413	chr2 29223433	+	T	223	chr2:29223341-29224678
## 4414	chr2 29223433	-	T	19	chr2:29223341-29224678
## 4415	chr2 29223434	+	A	1	chr2:29223341-29224678
## 4416	chr2 29223434	+	C	214	chr2:29223341-29224678
## 4417	chr2 29223434	-	C	19	chr2:29223341-29224678
## 4418	chr2 29223435	+	A	203	chr2:29223341-29224678
## 4419	chr2 29223435	-	A	31	chr2:29223341-29224678
## 4420	chr2 29223435	+	G	1	chr2:29223341-29224678
## 4421	chr2 29223436	+	T	198	chr2:29223341-29224678
## 4422	chr2 29223436	-	T	43	chr2:29223341-29224678
## 4423	chr2 29223437	+	G	185	chr2:29223341-29224678
## 4424	chr2 29223437	-	G	48	chr2:29223341-29224678
## 4425	chr2 29223438	+	A	184	chr2:29223341-29224678
## 4426	chr2 29223438	-	A	50	chr2:29223341-29224678
## 4427	chr2 29223439	+	A	1	chr2:29223341-29224678
## 4428	chr2 29223439	+	T	167	chr2:29223341-29224678
## 4429	chr2 29223439	-	T	57	chr2:29223341-29224678
## 4430	chr2 29223440	+	G	155	chr2:29223341-29224678
## 4431	chr2 29223440	-	G	82	chr2:29223341-29224678
## 4432	chr2 29223441	+	G	146	chr2:29223341-29224678
## 4433	chr2 29223441	-	G	96	chr2:29223341-29224678
## 4434	chr2 29223442	+	T	150	chr2:29223341-29224678
## 4435	chr2 29223442	-	T	100	chr2:29223341-29224678
## 4436	chr2 29223443	+	C	150	chr2:29223341-29224678
## 4437	chr2 29223443	-	C	100	chr2:29223341-29224678
## 4438	chr2 29223444	+	A	2	chr2:29223341-29224678
## 4439	chr2 29223444	+	G	148	chr2:29223341-29224678
## 4440	chr2 29223444	-	G	100	chr2:29223341-29224678
## 4441	chr2 29223445	+	A	150	chr2:29223341-29224678
## 4442	chr2 29223445	-	A	100	chr2:29223341-29224678
## 4443	chr2 29223446	+	G	150	chr2:29223341-29224678
## 4444	chr2 29223446	-	G	99	chr2:29223341-29224678
## 4445	chr2 29223446	-	T	1	chr2:29223341-29224678
## 4446	chr2 29223447	+	G	150	chr2:29223341-29224678
## 4447	chr2 29223447	-	G	100	chr2:29223341-29224678
## 4448	chr2 29223448	+	T	150	chr2:29223341-29224678
## 4449	chr2 29223448	-	T	100	chr2:29223341-29224678
## 4450	chr2 29223449	+	G	150	chr2:29223341-29224678

## 4451	chr2 29223449	-	G	100	chr2:29223341-29224678
## 4452	chr2 29223450	+	C	149	chr2:29223341-29224678
## 4453	chr2 29223450	-	C	100	chr2:29223341-29224678
## 4454	chr2 29223450	+	T	1	chr2:29223341-29224678
## 4455	chr2 29223451	+	G	150	chr2:29223341-29224678
## 4456	chr2 29223451	-	G	99	chr2:29223341-29224678
## 4457	chr2 29223452	+	A	1	chr2:29223341-29224678
## 4458	chr2 29223452	+	G	150	chr2:29223341-29224678
## 4459	chr2 29223452	-	G	99	chr2:29223341-29224678
## 4460	chr2 29223453	+	A	150	chr2:29223341-29224678
## 4461	chr2 29223453	-	A	99	chr2:29223341-29224678
## 4462	chr2 29223453	+	C	1	chr2:29223341-29224678
## 4463	chr2 29223454	+	G	148	chr2:29223341-29224678
## 4464	chr2 29223454	-	G	99	chr2:29223341-29224678
## 4465	chr2 29223455	+	C	151	chr2:29223341-29224678
## 4466	chr2 29223455	-	C	99	chr2:29223341-29224678
## 4467	chr2 29223456	-	G	1	chr2:29223341-29224678
## 4468	chr2 29223456	+	T	151	chr2:29223341-29224678
## 4469	chr2 29223456	-	T	98	chr2:29223341-29224678
## 4470	chr2 29223457	+	T	151	chr2:29223341-29224678
## 4471	chr2 29223457	-	T	99	chr2:29223341-29224678
## 4472	chr2 29223458	+	G	151	chr2:29223341-29224678
## 4473	chr2 29223458	-	G	98	chr2:29223341-29224678
## 4474	chr2 29223458	-	T	1	chr2:29223341-29224678
## 4475	chr2 29223459	+	C	151	chr2:29223341-29224678
## 4476	chr2 29223459	-	C	99	chr2:29223341-29224678
## 4477	chr2 29223460	+	T	151	chr2:29223341-29224678
## 4478	chr2 29223460	-	T	99	chr2:29223341-29224678
## 4479	chr2 29223461	+	C	151	chr2:29223341-29224678
## 4480	chr2 29223461	-	C	99	chr2:29223341-29224678
## 4481	chr2 29223462	+	A	150	chr2:29223341-29224678
## 4482	chr2 29223462	-	A	100	chr2:29223341-29224678
## 4483	chr2 29223463	+	G	150	chr2:29223341-29224678
## 4484	chr2 29223463	-	G	100	chr2:29223341-29224678
## 4485	chr2 29223464	+	C	150	chr2:29223341-29224678
## 4486	chr2 29223464	-	C	100	chr2:29223341-29224678
## 4487	chr2 29223465	-	G	1	chr2:29223341-29224678
## 4488	chr2 29223465	+	T	150	chr2:29223341-29224678
## 4489	chr2 29223465	-	T	99	chr2:29223341-29224678
## 4490	chr2 29223466	-	G	1	chr2:29223341-29224678
## 4491	chr2 29223466	+	T	149	chr2:29223341-29224678
## 4492	chr2 29223466	-	T	99	chr2:29223341-29224678
## 4493	chr2 29223467	+	G	149	chr2:29223341-29224678
## 4494	chr2 29223467	-	G	101	chr2:29223341-29224678
## 4495	chr2 29223468	+	T	149	chr2:29223341-29224678
## 4496	chr2 29223468	-	T	101	chr2:29223341-29224678
## 4497	chr2 29223469	+	A	149	chr2:29223341-29224678
## 4498	chr2 29223469	-	A	101	chr2:29223341-29224678
## 4499	chr2 29223470	+	C	149	chr2:29223341-29224678
## 4500	chr2 29223470	-	C	101	chr2:29223341-29224678
## 4501	chr2 29223471	+	T	149	chr2:29223341-29224678
## 4502	chr2 29223471	-	T	101	chr2:29223341-29224678
## 4503	chr2 29223472	+	C	149	chr2:29223341-29224678
## 4504	chr2 29223472	-	C	101	chr2:29223341-29224678

## 4505	chr2 29223473	+	A	149	chr2:29223341-29224678
## 4506	chr2 29223473	-	A	101	chr2:29223341-29224678
## 4507	chr2 29223474	+	G	149	chr2:29223341-29224678
## 4508	chr2 29223474	-	G	101	chr2:29223341-29224678
## 4509	chr2 29223475	+	G	149	chr2:29223341-29224678
## 4510	chr2 29223475	-	G	101	chr2:29223341-29224678
## 4511	chr2 29223476	+	G	150	chr2:29223341-29224678
## 4512	chr2 29223476	-	G	101	chr2:29223341-29224678
## 4513	chr2 29223477	+	C	150	chr2:29223341-29224678
## 4514	chr2 29223477	-	C	101	chr2:29223341-29224678
## 4515	chr2 29223478	+	T	150	chr2:29223341-29224678
## 4516	chr2 29223478	-	T	101	chr2:29223341-29224678
## 4517	chr2 29223479	+	C	150	chr2:29223341-29224678
## 4518	chr2 29223479	-	C	101	chr2:29223341-29224678
## 4519	chr2 29223480	+	T	150	chr2:29223341-29224678
## 4520	chr2 29223480	-	T	101	chr2:29223341-29224678
## 4521	chr2 29223481	+	G	149	chr2:29223341-29224678
## 4522	chr2 29223481	-	G	101	chr2:29223341-29224678
## 4523	chr2 29223482	+	C	147	chr2:29223341-29224678
## 4524	chr2 29223482	-	C	101	chr2:29223341-29224678
## 4525	chr2 29223482	+	T	2	chr2:29223341-29224678
## 4526	chr2 29223483	+	A	149	chr2:29223341-29224678
## 4527	chr2 29223483	-	A	101	chr2:29223341-29224678
## 4528	chr2 29223484	+	G	149	chr2:29223341-29224678
## 4529	chr2 29223484	-	G	101	chr2:29223341-29224678
## 4530	chr2 29223485	+	C	149	chr2:29223341-29224678
## 4531	chr2 29223485	-	C	101	chr2:29223341-29224678
## 4532	chr2 29223486	+	T	149	chr2:29223341-29224678
## 4533	chr2 29223486	-	T	101	chr2:29223341-29224678
## 4534	chr2 29223487	+	C	149	chr2:29223341-29224678
## 4535	chr2 29223487	-	C	101	chr2:29223341-29224678
## 4536	chr2 29223488	+	C	148	chr2:29223341-29224678
## 4537	chr2 29223488	-	C	101	chr2:29223341-29224678
## 4538	chr2 29223489	+	A	147	chr2:29223341-29224678
## 4539	chr2 29223489	-	A	101	chr2:29223341-29224678
## 4540	chr2 29223490	+	T	149	chr2:29223341-29224678
## 4541	chr2 29223490	-	T	100	chr2:29223341-29224678
## 4542	chr2 29223491	+	C	150	chr2:29223341-29224678
## 4543	chr2 29223491	-	C	99	chr2:29223341-29224678
## 4544	chr2 29223492	+	T	151	chr2:29223341-29224678
## 4545	chr2 29223492	-	T	99	chr2:29223341-29224678
## 4546	chr2 29223493	+	G	150	chr2:29223341-29224678
## 4547	chr2 29223493	-	G	99	chr2:29223341-29224678
## 4548	chr2 29223494	+	C	152	chr2:29223341-29224678
## 4549	chr2 29223494	-	C	98	chr2:29223341-29224678
## 4550	chr2 29223495	+	A	152	chr2:29223341-29224678
## 4551	chr2 29223495	-	A	98	chr2:29223341-29224678
## 4552	chr2 29223496	+	T	152	chr2:29223341-29224678
## 4553	chr2 29223496	-	T	98	chr2:29223341-29224678
## 4554	chr2 29223497	+	G	152	chr2:29223341-29224678
## 4555	chr2 29223497	-	G	98	chr2:29223341-29224678
## 4556	chr2 29223498	+	G	151	chr2:29223341-29224678
## 4557	chr2 29223498	-	G	97	chr2:29223341-29224678
## 4558	chr2 29223499	+	C	153	chr2:29223341-29224678

## 4559	chr2 29223499	-	C	98	chr2:29223341-29224678
## 4560	chr2 29223500	+	T	153	chr2:29223341-29224678
## 4561	chr2 29223500	-	T	98	chr2:29223341-29224678
## 4562	chr2 29223501	+	T	152	chr2:29223341-29224678
## 4563	chr2 29223501	-	T	99	chr2:29223341-29224678
## 4564	chr2 29223502	+	G	152	chr2:29223341-29224678
## 4565	chr2 29223502	-	G	99	chr2:29223341-29224678
## 4566	chr2 29223503	+	C	143	chr2:29223341-29224678
## 4567	chr2 29223503	-	C	100	chr2:29223341-29224678
## 4568	chr2 29223504	+	A	136	chr2:29223341-29224678
## 4569	chr2 29223504	-	A	100	chr2:29223341-29224678
## 4570	chr2 29223505	+	G	138	chr2:29223341-29224678
## 4571	chr2 29223505	-	G	105	chr2:29223341-29224678
## 4572	chr2 29223506	+	C	134	chr2:29223341-29224678
## 4573	chr2 29223506	-	C	107	chr2:29223341-29224678
## 4574	chr2 29223507	+	G	2	chr2:29223341-29224678
## 4575	chr2 29223507	+	T	129	chr2:29223341-29224678
## 4576	chr2 29223507	-	T	117	chr2:29223341-29224678
## 4577	chr2 29223508	+	C	126	chr2:29223341-29224678
## 4578	chr2 29223508	-	C	117	chr2:29223341-29224678
## 4579	chr2 29223509	+	C	120	chr2:29223341-29224678
## 4580	chr2 29223509	-	C	123	chr2:29223341-29224678
## 4581	chr2 29223510	+	T	121	chr2:29223341-29224678
## 4582	chr2 29223510	-	T	114	chr2:29223341-29224678
## 4583	chr2 29223511	-	A	2	chr2:29223341-29224678
## 4584	chr2 29223511	+	G	120	chr2:29223341-29224678
## 4585	chr2 29223511	-	G	101	chr2:29223341-29224678
## 4586	chr2 29223512	+	G	119	chr2:29223341-29224678
## 4587	chr2 29223512	-	G	106	chr2:29223341-29224678
## 4588	chr2 29223513	+	C	1	chr2:29223341-29224678
## 4589	chr2 29223513	+	T	116	chr2:29223341-29224678
## 4590	chr2 29223513	-	T	110	chr2:29223341-29224678
## 4591	chr2 29223514	-	A	1	chr2:29223341-29224678
## 4592	chr2 29223514	+	G	109	chr2:29223341-29224678
## 4593	chr2 29223514	-	G	109	chr2:29223341-29224678
## 4594	chr2 29223515	+	C	110	chr2:29223341-29224678
## 4595	chr2 29223515	-	C	95	chr2:29223341-29224678
## 4596	chr2 29223516	-	A	1	chr2:29223341-29224678
## 4597	chr2 29223516	+	T	113	chr2:29223341-29224678
## 4598	chr2 29223516	-	T	89	chr2:29223341-29224678
## 4599	chr2 29223517	+	T	109	chr2:29223341-29224678
## 4600	chr2 29223517	-	T	97	chr2:29223341-29224678
## 4601	chr2 29223518	+	C	108	chr2:29223341-29224678
## 4602	chr2 29223518	-	C	104	chr2:29223341-29224678
## 4603	chr2 29223519	+	C	107	chr2:29223341-29224678
## 4604	chr2 29223519	-	C	108	chr2:29223341-29224678
## 4605	chr2 29223519	+	T	1	chr2:29223341-29224678
## 4606	chr2 29223519	-	T	1	chr2:29223341-29224678
## 4607	chr2 29223520	+	G	110	chr2:29223341-29224678
## 4608	chr2 29223520	-	G	124	chr2:29223341-29224678
## 4609	chr2 29223521	+	G	111	chr2:29223341-29224678
## 4610	chr2 29223521	-	G	136	chr2:29223341-29224678
## 4611	chr2 29223522	+	C	110	chr2:29223341-29224678
## 4612	chr2 29223522	-	C	139	chr2:29223341-29224678

## 4613	chr2 29223523	-	A	2	chr2:29223341-29224678
## 4614	chr2 29223523	-	C	1	chr2:29223341-29224678
## 4615	chr2 29223523	+	G	111	chr2:29223341-29224678
## 4616	chr2 29223523	-	G	136	chr2:29223341-29224678
## 4617	chr2 29223524	+	G	111	chr2:29223341-29224678
## 4618	chr2 29223524	-	G	139	chr2:29223341-29224678
## 4619	chr2 29223525	+	T	110	chr2:29223341-29224678
## 4620	chr2 29223525	-	T	140	chr2:29223341-29224678
## 4621	chr2 29223526	+	A	109	chr2:29223341-29224678
## 4622	chr2 29223526	-	A	141	chr2:29223341-29224678
## 4623	chr2 29223527	+	C	107	chr2:29223341-29224678
## 4624	chr2 29223527	-	C	140	chr2:29223341-29224678
## 4625	chr2 29223527	-	G	1	chr2:29223341-29224678
## 4626	chr2 29223528	+	A	105	chr2:29223341-29224678
## 4627	chr2 29223528	-	A	144	chr2:29223341-29224678
## 4628	chr2 29223529	+	C	106	chr2:29223341-29224678
## 4629	chr2 29223529	-	C	145	chr2:29223341-29224678
## 4630	chr2 29223530	+	T	104	chr2:29223341-29224678
## 4631	chr2 29223530	-	T	145	chr2:29223341-29224678
## 4632	chr2 29223531	+	G	103	chr2:29223341-29224678
## 4633	chr2 29223531	-	G	147	chr2:29223341-29224678
## 4634	chr2 29223532	+	C	102	chr2:29223341-29224678
## 4635	chr2 29223532	-	C	148	chr2:29223341-29224678
## 4636	chr2 29223533	+	A	101	chr2:29223341-29224678
## 4637	chr2 29223533	-	A	149	chr2:29223341-29224678
## 4638	chr2 29223534	+	G	100	chr2:29223341-29224678
## 4639	chr2 29223534	-	G	150	chr2:29223341-29224678
## 4640	chr2 29223535	+	G	99	chr2:29223341-29224678
## 4641	chr2 29223535	-	G	151	chr2:29223341-29224678
## 4642	chr2 29223536	-	G	2	chr2:29223341-29224678
## 4643	chr2 29223536	+	T	98	chr2:29223341-29224678
## 4644	chr2 29223536	-	T	150	chr2:29223341-29224678
## 4645	chr2 29223537	+	G	98	chr2:29223341-29224678
## 4646	chr2 29223537	-	G	152	chr2:29223341-29224678
## 4647	chr2 29223538	+	G	96	chr2:29223341-29224678
## 4648	chr2 29223538	-	G	153	chr2:29223341-29224678
## 4649	chr2 29223539	+	G	95	chr2:29223341-29224678
## 4650	chr2 29223539	-	G	155	chr2:29223341-29224678
## 4651	chr2 29223540	+	T	94	chr2:29223341-29224678
## 4652	chr2 29223540	-	T	156	chr2:29223341-29224678
## 4653	chr2 29223541	+	G	93	chr2:29223341-29224678
## 4654	chr2 29223541	-	G	156	chr2:29223341-29224678
## 4655	chr2 29223541	-	T	1	chr2:29223341-29224678
## 4656	chr2 29223542	+	G	92	chr2:29223341-29224678
## 4657	chr2 29223542	-	G	157	chr2:29223341-29224678
## 4658	chr2 29223543	-	G	2	chr2:29223341-29224678
## 4659	chr2 29223543	+	T	91	chr2:29223341-29224678
## 4660	chr2 29223543	-	T	155	chr2:29223341-29224678
## 4661	chr2 29223544	+	C	90	chr2:29223341-29224678
## 4662	chr2 29223544	-	C	160	chr2:29223341-29224678
## 4663	chr2 29223545	+	A	89	chr2:29223341-29224678
## 4664	chr2 29223545	-	A	161	chr2:29223341-29224678
## 4665	chr2 29223546	+	G	88	chr2:29223341-29224678
## 4666	chr2 29223546	-	G	162	chr2:29223341-29224678

## 4667	chr2 29223547	+	C	87	chr2:29223341-29224678
## 4668	chr2 29223547	-	C	163	chr2:29223341-29224678
## 4669	chr2 29223548	+	T	86	chr2:29223341-29224678
## 4670	chr2 29223548	-	T	164	chr2:29223341-29224678
## 4671	chr2 29223549	+	G	85	chr2:29223341-29224678
## 4672	chr2 29223549	-	G	165	chr2:29223341-29224678
## 4673	chr2 29223550	+	C	84	chr2:29223341-29224678
## 4674	chr2 29223550	-	C	166	chr2:29223341-29224678
## 4675	chr2 29223551	+	A	83	chr2:29223341-29224678
## 4676	chr2 29223551	-	A	167	chr2:29223341-29224678
## 4677	chr2 29223552	+	A	82	chr2:29223341-29224678
## 4678	chr2 29223552	-	A	168	chr2:29223341-29224678
## 4679	chr2 29223553	+	C	81	chr2:29223341-29224678
## 4680	chr2 29223553	-	C	169	chr2:29223341-29224678
## 4681	chr2 29223554	+	A	80	chr2:29223341-29224678
## 4682	chr2 29223554	-	A	170	chr2:29223341-29224678
## 4683	chr2 29223555	-	A	1	chr2:29223341-29224678
## 4684	chr2 29223555	+	T	79	chr2:29223341-29224678
## 4685	chr2 29223555	-	T	170	chr2:29223341-29224678
## 4686	chr2 29223556	+	G	78	chr2:29223341-29224678
## 4687	chr2 29223556	-	G	172	chr2:29223341-29224678
## 4688	chr2 29223557	+	G	77	chr2:29223341-29224678
## 4689	chr2 29223557	-	G	172	chr2:29223341-29224678
## 4690	chr2 29223558	+	C	77	chr2:29223341-29224678
## 4691	chr2 29223558	-	C	174	chr2:29223341-29224678
## 4692	chr2 29223559	+	C	76	chr2:29223341-29224678
## 4693	chr2 29223559	-	C	174	chr2:29223341-29224678
## 4694	chr2 29223560	-	A	1	chr2:29223341-29224678
## 4695	chr2 29223560	+	T	75	chr2:29223341-29224678
## 4696	chr2 29223560	-	T	174	chr2:29223341-29224678
## 4697	chr2 29223561	-	C	1	chr2:29223341-29224678
## 4698	chr2 29223561	+	G	74	chr2:29223341-29224678
## 4699	chr2 29223561	-	G	175	chr2:29223341-29224678
## 4700	chr2 29223562	-	A	1	chr2:29223341-29224678
## 4701	chr2 29223562	+	G	73	chr2:29223341-29224678
## 4702	chr2 29223562	-	G	176	chr2:29223341-29224678
## 4703	chr2 29223563	+	C	72	chr2:29223341-29224678
## 4704	chr2 29223563	-	C	176	chr2:29223341-29224678
## 4705	chr2 29223564	+	A	69	chr2:29223341-29224678
## 4706	chr2 29223564	-	A	176	chr2:29223341-29224678
## 4707	chr2 29223565	+	G	67	chr2:29223341-29224678
## 4708	chr2 29223565	-	G	176	chr2:29223341-29224678
## 4709	chr2 29223566	+	C	65	chr2:29223341-29224678
## 4710	chr2 29223566	-	C	177	chr2:29223341-29224678
## 4711	chr2 29223567	+	C	63	chr2:29223341-29224678
## 4712	chr2 29223567	-	C	181	chr2:29223341-29224678
## 4713	chr2 29223568	+	T	62	chr2:29223341-29224678
## 4714	chr2 29223568	-	T	183	chr2:29223341-29224678
## 4715	chr2 29223569	+	G	60	chr2:29223341-29224678
## 4716	chr2 29223569	-	G	186	chr2:29223341-29224678
## 4717	chr2 29223570	+	C	1	chr2:29223341-29224678
## 4718	chr2 29223570	+	G	58	chr2:29223341-29224678
## 4719	chr2 29223570	-	G	190	chr2:29223341-29224678
## 4720	chr2 29223571	+	C	58	chr2:29223341-29224678

## 4721	chr2 29223571	-	C	192	chr2:29223341-29224678
## 4722	chr2 29223572	+	C	57	chr2:29223341-29224678
## 4723	chr2 29223572	-	C	192	chr2:29223341-29224678
## 4724	chr2 29223572	-	G	1	chr2:29223341-29224678
## 4725	chr2 29223573	+	C	56	chr2:29223341-29224678
## 4726	chr2 29223573	-	C	193	chr2:29223341-29224678
## 4727	chr2 29223574	+	C	1	chr2:29223341-29224678
## 4728	chr2 29223574	+	T	53	chr2:29223341-29224678
## 4729	chr2 29223574	-	T	194	chr2:29223341-29224678
## 4730	chr2 29223575	+	T	53	chr2:29223341-29224678
## 4731	chr2 29223575	-	T	197	chr2:29223341-29224678
## 4732	chr2 29223576	+	G	53	chr2:29223341-29224678
## 4733	chr2 29223576	-	G	197	chr2:29223341-29224678
## 4734	chr2 29223577	+	A	51	chr2:29223341-29224678
## 4735	chr2 29223577	-	A	196	chr2:29223341-29224678
## 4736	chr2 29223578	+	A	51	chr2:29223341-29224678
## 4737	chr2 29223578	-	A	197	chr2:29223341-29224678
## 4738	chr2 29223579	+	G	50	chr2:29223341-29224678
## 4739	chr2 29223579	-	G	196	chr2:29223341-29224678
## 4740	chr2 29223580	+	C	46	chr2:29223341-29224678
## 4741	chr2 29223580	-	C	188	chr2:29223341-29224678
## 4742	chr2 29223581	+	A	40	chr2:29223341-29224678
## 4743	chr2 29223581	-	A	194	chr2:29223341-29224678
## 4744	chr2 29223582	+	C	40	chr2:29223341-29224678
## 4745	chr2 29223582	-	C	186	chr2:29223341-29224678
## 4746	chr2 29223583	+	T	37	chr2:29223341-29224678
## 4747	chr2 29223583	-	T	201	chr2:29223341-29224678
## 4748	chr2 29223584	+	A	35	chr2:29223341-29224678
## 4749	chr2 29223584	-	A	200	chr2:29223341-29224678
## 4750	chr2 29223585	-	A	1	chr2:29223341-29224678
## 4751	chr2 29223585	+	C	29	chr2:29223341-29224678
## 4752	chr2 29223585	-	C	199	chr2:29223341-29224678
## 4753	chr2 29223586	+	A	26	chr2:29223341-29224678
## 4754	chr2 29223586	-	A	200	chr2:29223341-29224678
## 4755	chr2 29223587	+	C	22	chr2:29223341-29224678
## 4756	chr2 29223587	-	C	192	chr2:29223341-29224678
## 4757	chr2 29223588	+	A	18	chr2:29223341-29224678
## 4758	chr2 29223588	-	A	182	chr2:29223341-29224678
## 4759	chr2 29223589	-	A	1	chr2:29223341-29224678
## 4760	chr2 29223589	+	G	16	chr2:29223341-29224678
## 4761	chr2 29223589	-	G	173	chr2:29223341-29224678
## 4762	chr2 29223590	+	G	15	chr2:29223341-29224678
## 4763	chr2 29223590	-	G	168	chr2:29223341-29224678
## 4764	chr2 29223590	-	T	1	chr2:29223341-29224678
## 4765	chr2 29223591	+	C	12	chr2:29223341-29224678
## 4766	chr2 29223591	-	C	166	chr2:29223341-29224678
## 4767	chr2 29223592	+	C	11	chr2:29223341-29224678
## 4768	chr2 29223592	-	C	156	chr2:29223341-29224678
## 4769	chr2 29223593	+	A	11	chr2:29223341-29224678
## 4770	chr2 29223593	-	A	155	chr2:29223341-29224678
## 4771	chr2 29223594	+	C	9	chr2:29223341-29224678
## 4772	chr2 29223594	-	C	158	chr2:29223341-29224678
## 4773	chr2 29223595	+	T	6	chr2:29223341-29224678
## 4774	chr2 29223595	-	T	143	chr2:29223341-29224678

## 4775	chr2	29223596	+	T	5	chr2:29223341-29224678
## 4776	chr2	29223596	-	T	132	chr2:29223341-29224678
## 4777	chr2	29223597	+	C	5	chr2:29223341-29224678
## 4778	chr2	29223597	-	C	134	chr2:29223341-29224678
## 4779	chr2	29223598	+	C	3	chr2:29223341-29224678
## 4780	chr2	29223598	-	C	137	chr2:29223341-29224678
## 4781	chr2	29223599	+	T	2	chr2:29223341-29224678
## 4782	chr2	29223599	-	T	138	chr2:29223341-29224678
## 4783	chr2	29223600	+	A	2	chr2:29223341-29224678
## 4784	chr2	29223600	-	A	138	chr2:29223341-29224678
## 4785	chr2	29223601	+	C	2	chr2:29223341-29224678
## 4786	chr2	29223601	-	C	137	chr2:29223341-29224678
## 4787	chr2	29223602	+	A	2	chr2:29223341-29224678
## 4788	chr2	29223602	-	A	142	chr2:29223341-29224678
## 4789	chr2	29223603	+	G	2	chr2:29223341-29224678
## 4790	chr2	29223603	-	G	141	chr2:29223341-29224678
## 4791	chr2	29223604	+	G	1	chr2:29223341-29224678
## 4792	chr2	29223604	-	G	143	chr2:29223341-29224678
## 4793	chr2	29223605	-	A	149	chr2:29223341-29224678
## 4794	chr2	29223606	-	A	148	chr2:29223341-29224678
## 4795	chr2	29223606	-	T	1	chr2:29223341-29224678
## 4796	chr2	29223607	-	G	150	chr2:29223341-29224678
## 4797	chr2	29223608	-	C	151	chr2:29223341-29224678
## 4798	chr2	29223609	-	C	151	chr2:29223341-29224678
## 4799	chr2	29223610	-	T	150	chr2:29223341-29224678
## 4800	chr2	29223611	-	C	149	chr2:29223341-29224678
## 4801	chr2	29223612	-	C	149	chr2:29223341-29224678
## 4802	chr2	29223613	-	C	148	chr2:29223341-29224678
## 4803	chr2	29223614	-	T	146	chr2:29223341-29224678
## 4804	chr2	29223615	-	A	1	chr2:29223341-29224678
## 4805	chr2	29223615	-	G	145	chr2:29223341-29224678
## 4806	chr2	29223616	-	G	148	chr2:29223341-29224678
## 4807	chr2	29223617	-	A	147	chr2:29223341-29224678
## 4808	chr2	29223618	-	T	149	chr2:29223341-29224678
## 4809	chr2	29223619	-	C	148	chr2:29223341-29224678
## 4810	chr2	29223620	-	T	155	chr2:29223341-29224678
## 4811	chr2	29223621	-	C	155	chr2:29223341-29224678
## 4812	chr2	29223622	-	C	154	chr2:29223341-29224678
## 4813	chr2	29223623	-	A	155	chr2:29223341-29224678
## 4814	chr2	29223624	-	T	157	chr2:29223341-29224678
## 4815	chr2	29223625	-	A	156	chr2:29223341-29224678
## 4816	chr2	29223626	-	T	156	chr2:29223341-29224678
## 4817	chr2	29223627	-	C	156	chr2:29223341-29224678
## 4818	chr2	29223628	-	C	155	chr2:29223341-29224678
## 4819	chr2	29223629	-	T	154	chr2:29223341-29224678
## 4820	chr2	29223630	-	C	152	chr2:29223341-29224678
## 4821	chr2	29223631	-	C	152	chr2:29223341-29224678
## 4822	chr2	29223632	-	C	151	chr2:29223341-29224678
## 4823	chr2	29223633	-	C	149	chr2:29223341-29224678
## 4824	chr2	29223634	-	T	145	chr2:29223341-29224678
## 4825	chr2	29223635	-	G	145	chr2:29223341-29224678
## 4826	chr2	29223636	-	A	144	chr2:29223341-29224678
## 4827	chr2	29223637	-	G	144	chr2:29223341-29224678
## 4828	chr2	29223638	-	C	146	chr2:29223341-29224678

## 4829	chr2 29223639	-	G	1	chr2:29223341-29224678
## 4830	chr2 29223639	-	T	145	chr2:29223341-29224678
## 4831	chr2 29223640	-	C	146	chr2:29223341-29224678
## 4832	chr2 29223641	-	T	146	chr2:29223341-29224678
## 4833	chr2 29223642	-	G	142	chr2:29223341-29224678
## 4834	chr2 29223643	-	A	139	chr2:29223341-29224678
## 4835	chr2 29223643	-	C	1	chr2:29223341-29224678
## 4836	chr2 29223644	-	A	140	chr2:29223341-29224678
## 4837	chr2 29223645	-	C	136	chr2:29223341-29224678
## 4838	chr2 29223646	-	C	136	chr2:29223341-29224678
## 4839	chr2 29223647	-	T	135	chr2:29223341-29224678
## 4840	chr2 29223648	-	T	136	chr2:29223341-29224678
## 4841	chr2 29223649	-	T	133	chr2:29223341-29224678
## 4842	chr2 29223650	-	C	131	chr2:29223341-29224678
## 4843	chr2 29223651	-	C	130	chr2:29223341-29224678
## 4844	chr2 29223652	-	A	130	chr2:29223341-29224678
## 4845	chr2 29223653	-	T	127	chr2:29223341-29224678
## 4846	chr2 29223654	-	C	126	chr2:29223341-29224678
## 4847	chr2 29223655	-	A	124	chr2:29223341-29224678
## 4848	chr2 29223656	-	T	116	chr2:29223341-29224678
## 4849	chr2 29223657	-	A	114	chr2:29223341-29224678
## 4850	chr2 29223658	-	C	102	chr2:29223341-29224678
## 4851	chr2 29223659	-	T	98	chr2:29223341-29224678
## 4852	chr2 29223660	-	T	96	chr2:29223341-29224678
## 4853	chr2 29223661	-	A	96	chr2:29223341-29224678
## 4854	chr2 29223662	-	G	102	chr2:29223341-29224678
## 4855	chr2 29223663	-	A	100	chr2:29223341-29224678
## 4856	chr2 29223664	-	A	100	chr2:29223341-29224678
## 4857	chr2 29223665	-	A	98	chr2:29223341-29224678
## 4858	chr2 29223666	-	T	93	chr2:29223341-29224678
## 4859	chr2 29223667	-	A	95	chr2:29223341-29224678
## 4860	chr2 29223668	-	C	90	chr2:29223341-29224678
## 4861	chr2 29223669	-	T	82	chr2:29223341-29224678
## 4862	chr2 29223670	-	A	82	chr2:29223341-29224678
## 4863	chr2 29223671	-	A	83	chr2:29223341-29224678
## 4864	chr2 29223672	-	T	79	chr2:29223341-29224678
## 4865	chr2 29223673	-	A	76	chr2:29223341-29224678
## 4866	chr2 29223674	-	A	75	chr2:29223341-29224678
## 4867	chr2 29223675	-	A	74	chr2:29223341-29224678
## 4868	chr2 29223676	-	A	74	chr2:29223341-29224678
## 4869	chr2 29223677	-	T	69	chr2:29223341-29224678
## 4870	chr2 29223678	-	G	67	chr2:29223341-29224678
## 4871	chr2 29223679	-	A	64	chr2:29223341-29224678
## 4872	chr2 29223680	-	T	58	chr2:29223341-29224678
## 4873	chr2 29223681	-	C	1	chr2:29223341-29224678
## 4874	chr2 29223681	-	T	56	chr2:29223341-29224678
## 4875	chr2 29223682	-	A	59	chr2:29223341-29224678
## 4876	chr2 29223683	-	A	56	chr2:29223341-29224678
## 4877	chr2 29223683	-	G	1	chr2:29223341-29224678
## 4878	chr2 29223684	-	A	57	chr2:29223341-29224678
## 4879	chr2 29223685	-	G	57	chr2:29223341-29224678
## 4880	chr2 29223686	-	A	57	chr2:29223341-29224678
## 4881	chr2 29223687	-	A	56	chr2:29223341-29224678
## 4882	chr2 29223688	-	G	56	chr2:29223341-29224678

## 4883	chr2 29223689	-	G	56	chr2:29223341-29224678
## 4884	chr2 29223690	-	T	55	chr2:29223341-29224678
## 4885	chr2 29223691	-	A	1	chr2:29223341-29224678
## 4886	chr2 29223691	-	G	51	chr2:29223341-29224678
## 4887	chr2 29223692	-	T	53	chr2:29223341-29224678
## 4888	chr2 29223693	-	A	1	chr2:29223341-29224678
## 4889	chr2 29223693	-	G	49	chr2:29223341-29224678
## 4890	chr2 29223694	-	T	49	chr2:29223341-29224678
## 4891	chr2 29223695	-	A	1	chr2:29223341-29224678
## 4892	chr2 29223695	-	C	40	chr2:29223341-29224678
## 4893	chr2 29223696	-	T	40	chr2:29223341-29224678
## 4894	chr2 29223697	-	T	42	chr2:29223341-29224678
## 4895	chr2 29223698	-	T	42	chr2:29223341-29224678
## 4896	chr2 29223699	-	A	39	chr2:29223341-29224678
## 4897	chr2 29223700	-	A	39	chr2:29223341-29224678
## 4898	chr2 29223701	-	T	38	chr2:29223341-29224678
## 4899	chr2 29223702	-	T	37	chr2:29223341-29224678
## 4900	chr2 29223703	-	G	37	chr2:29223341-29224678
## 4901	chr2 29223704	-	A	38	chr2:29223341-29224678
## 4902	chr2 29223705	-	A	38	chr2:29223341-29224678
## 4903	chr2 29223706	-	G	39	chr2:29223341-29224678
## 4904	chr2 29223707	-	C	39	chr2:29223341-29224678
## 4905	chr2 29223708	-	A	38	chr2:29223341-29224678
## 4906	chr2 29223709	-	T	38	chr2:29223341-29224678
## 4907	chr2 29223710	-	G	37	chr2:29223341-29224678
## 4908	chr2 29223711	-	A	37	chr2:29223341-29224678
## 4909	chr2 29223712	-	T	36	chr2:29223341-29224678
## 4910	chr2 29223713	-	T	33	chr2:29223341-29224678
## 4911	chr2 29223714	-	T	32	chr2:29223341-29224678
## 4912	chr2 29223715	-	A	32	chr2:29223341-29224678
## 4913	chr2 29223716	-	A	32	chr2:29223341-29224678
## 4914	chr2 29223717	-	A	32	chr2:29223341-29224678
## 4915	chr2 29223718	-	G	32	chr2:29223341-29224678
## 4916	chr2 29223719	-	T	29	chr2:29223341-29224678
## 4917	chr2 29223720	-	A	29	chr2:29223341-29224678
## 4918	chr2 29223721	-	A	27	chr2:29223341-29224678
## 4919	chr2 29223722	-	A	27	chr2:29223341-29224678
## 4920	chr2 29223723	-	T	26	chr2:29223341-29224678
## 4921	chr2 29223724	-	G	26	chr2:29223341-29224678
## 4922	chr2 29223725	-	C	26	chr2:29223341-29224678
## 4923	chr2 29223726	-	A	26	chr2:29223341-29224678
## 4924	chr2 29223727	-	A	26	chr2:29223341-29224678
## 4925	chr2 29223728	-	A	26	chr2:29223341-29224678
## 4926	chr2 29223729	-	G	24	chr2:29223341-29224678
## 4927	chr2 29223730	-	C	24	chr2:29223341-29224678
## 4928	chr2 29223731	-	T	24	chr2:29223341-29224678
## 4929	chr2 29223732	-	A	24	chr2:29223341-29224678
## 4930	chr2 29223733	-	A	24	chr2:29223341-29224678
## 4931	chr2 29223734	-	A	23	chr2:29223341-29224678
## 4932	chr2 29223735	-	A	23	chr2:29223341-29224678
## 4933	chr2 29223736	-	A	23	chr2:29223341-29224678
## 4934	chr2 29223737	-	T	17	chr2:29223341-29224678
## 4935	chr2 29223738	-	C	17	chr2:29223341-29224678
## 4936	chr2 29223739	-	A	17	chr2:29223341-29224678

## 4937	chr2 29223740	-	G	17	chr2:29223341-29224678
## 4938	chr2 29223741	-	A	17	chr2:29223341-29224678
## 4939	chr2 29223742	-	T	15	chr2:29223341-29224678
## 4940	chr2 29223743	-	A	15	chr2:29223341-29224678
## 4941	chr2 29223744	-	T	15	chr2:29223341-29224678
## 4942	chr2 29223745	-	A	15	chr2:29223341-29224678
## 4943	chr2 29223746	-	T	13	chr2:29223341-29224678
## 4944	chr2 29223747	-	G	12	chr2:29223341-29224678
## 4945	chr2 29223748	-	G	12	chr2:29223341-29224678
## 4946	chr2 29223749	-	A	12	chr2:29223341-29224678
## 4947	chr2 29223750	-	A	12	chr2:29223341-29224678
## 4948	chr2 29223751	-	A	12	chr2:29223341-29224678
## 4949	chr2 29223752	-	A	12	chr2:29223341-29224678
## 4950	chr2 29223753	-	T	12	chr2:29223341-29224678
## 4951	chr2 29223754	-	A	12	chr2:29223341-29224678
## 4952	chr2 29223755	-	A	12	chr2:29223341-29224678
## 4953	chr2 29223756	-	T	11	chr2:29223341-29224678
## 4954	chr2 29223757	-	T	8	chr2:29223341-29224678
## 4955	chr2 29223758	-	A	8	chr2:29223341-29224678
## 4956	chr2 29223759	-	T	7	chr2:29223341-29224678
## 4957	chr2 29223760	-	T	7	chr2:29223341-29224678
## 4958	chr2 29223761	-	T	7	chr2:29223341-29224678
## 4959	chr2 29223762	-	G	7	chr2:29223341-29224678
## 4960	chr2 29223763	-	T	7	chr2:29223341-29224678
## 4961	chr2 29223764	-	A	7	chr2:29223341-29224678
## 4962	chr2 29223765	-	T	7	chr2:29223341-29224678
## 4963	chr2 29223766	-	T	7	chr2:29223341-29224678
## 4964	chr2 29223767	-	A	7	chr2:29223341-29224678
## 4965	chr2 29223768	-	T	7	chr2:29223341-29224678
## 4966	chr2 29223769	-	A	7	chr2:29223341-29224678
## 4967	chr2 29223770	-	T	7	chr2:29223341-29224678
## 4968	chr2 29223771	-	A	7	chr2:29223341-29224678
## 4969	chr2 29223772	-	G	5	chr2:29223341-29224678
## 4970	chr2 29223773	-	G	3	chr2:29223341-29224678
## 4971	chr2 29223774	-	G	3	chr2:29223341-29224678
## 4972	chr2 29223775	-	C	3	chr2:29223341-29224678
## 4973	chr2 29223776	-	A	3	chr2:29223341-29224678
## 4974	chr2 29223777	-	G	4	chr2:29223341-29224678
## 4975	chr2 29223778	-	A	4	chr2:29223341-29224678
## 4976	chr2 29223779	-	G	3	chr2:29223341-29224678
## 4977	chr2 29223780	-	T	3	chr2:29223341-29224678
## 4978	chr2 29223781	-	C	2	chr2:29223341-29224678
## 4979	chr2 29223782	-	A	2	chr2:29223341-29224678
## 4980	chr2 29223783	-	T	2	chr2:29223341-29224678
## 4981	chr2 29223784	-	G	2	chr2:29223341-29224678
## 4982	chr2 29223785	-	T	2	chr2:29223341-29224678
## 4983	chr2 29223786	-	T	2	chr2:29223341-29224678
## 4984	chr2 29223787	-	A	2	chr2:29223341-29224678
## 4985	chr2 29223788	-	G	2	chr2:29223341-29224678
## 4986	chr2 29223789	-	T	2	chr2:29223341-29224678
## 4987	chr2 29223790	-	C	2	chr2:29223341-29224678
## 4988	chr2 29223791	-	T	1	chr2:29223341-29224678
## 4989	chr2 29223792	-	G	1	chr2:29223341-29224678
## 4990	chr2 29223793	-	G	2	chr2:29223341-29224678

## 4991	chr2 29223794	-	T	2 chr2:29223341-29224678
## 4992	chr2 29223795	-	T	2 chr2:29223341-29224678
## 4993	chr2 29223796	-	C	2 chr2:29223341-29224678
## 4994	chr2 29223797	-	C	2 chr2:29223341-29224678
## 4995	chr2 29223798	-	T	2 chr2:29223341-29224678
## 4996	chr2 29223799	-	C	2 chr2:29223341-29224678
## 4997	chr2 29223800	-	C	2 chr2:29223341-29224678
## 4998	chr2 29223801	-	A	2 chr2:29223341-29224678
## 4999	chr2 29223802	-	A	2 chr2:29223341-29224678
## 5000	chr2 29223803	-	G	2 chr2:29223341-29224678
## 5001	chr2 29223804	-	A	2 chr2:29223341-29224678
## 5002	chr2 29223805	-	A	2 chr2:29223341-29224678
## 5003	chr2 29223806	-	G	2 chr2:29223341-29224678
## 5004	chr2 29223807	-	C	2 chr2:29223341-29224678
## 5005	chr2 29223808	-	A	2 chr2:29223341-29224678
## 5006	chr2 29223809	-	G	2 chr2:29223341-29224678
## 5007	chr2 29223810	-	A	2 chr2:29223341-29224678
## 5008	chr2 29223811	-	C	2 chr2:29223341-29224678
## 5009	chr2 29223812	-	T	2 chr2:29223341-29224678
## 5010	chr2 29223813	-	G	2 chr2:29223341-29224678
## 5011	chr2 29223814	-	G	2 chr2:29223341-29224678
## 5012	chr2 29223815	-	A	2 chr2:29223341-29224678
## 5013	chr2 29223816	-	G	2 chr2:29223341-29224678
## 5014	chr2 29223817	-	A	2 chr2:29223341-29224678
## 5015	chr2 29223818	-	T	2 chr2:29223341-29224678
## 5016	chr2 29223819	-	G	2 chr2:29223341-29224678
## 5017	chr2 29223820	-	G	2 chr2:29223341-29224678
## 5018	chr2 29223821	-	G	2 chr2:29223341-29224678
## 5019	chr2 29223822	-	A	2 chr2:29223341-29224678
## 5020	chr2 29223823	-	T	2 chr2:29223341-29224678
## 5021	chr2 29223824	-	T	2 chr2:29223341-29224678
## 5022	chr2 29223825	-	A	2 chr2:29223341-29224678
## 5023	chr2 29223826	-	G	2 chr2:29223341-29224678
## 5024	chr2 29223827	-	A	2 chr2:29223341-29224678
## 5025	chr2 29223828	-	C	2 chr2:29223341-29224678
## 5026	chr2 29223829	-	C	2 chr2:29223341-29224678
## 5027	chr2 29223830	-	C	2 chr2:29223341-29224678
## 5028	chr2 29223831	-	A	2 chr2:29223341-29224678
## 5029	chr2 29223832	-	A	2 chr2:29223341-29224678
## 5030	chr2 29223833	-	T	2 chr2:29223341-29224678
## 5031	chr2 29223834	-	A	2 chr2:29223341-29224678
## 5032	chr2 29223835	-	T	2 chr2:29223341-29224678
## 5033	chr2 29223836	-	G	2 chr2:29223341-29224678
## 5034	chr2 29223837	-	G	2 chr2:29223341-29224678
## 5035	chr2 29223838	-	T	2 chr2:29223341-29224678
## 5036	chr2 29223839	-	C	2 chr2:29223341-29224678
## 5037	chr2 29223840	-	T	2 chr2:29223341-29224678
## 5038	chr2 29223841	-	G	2 chr2:29223341-29224678
## 5039	chr2 29223842	-	C	2 chr2:29223341-29224678
## 5040	chr2 29223843	-	A	2 chr2:29223341-29224678
## 5041	chr2 29223844	-	G	2 chr2:29223341-29224678
## 5042	chr2 29223845	-	A	2 chr2:29223341-29224678
## 5043	chr2 29223846	-	T	2 chr2:29223341-29224678
## 5044	chr2 29223847	-	T	2 chr2:29223341-29224678

## 5045	chr2 29223848	-	T	2 chr2:29223341-29224678
## 5046	chr2 29223849	-	T	2 chr2:29223341-29224678
## 5047	chr2 29223850	-	A	2 chr2:29223341-29224678
## 5048	chr2 29223851	-	T	2 chr2:29223341-29224678
## 5049	chr2 29223852	-	T	1 chr2:29223341-29224678
## 5050	chr2 29223853	-	A	1 chr2:29223341-29224678
## 5051	chr2 29223854	-	G	1 chr2:29223341-29224678
## 5052	chr2 29223855	-	G	1 chr2:29223341-29224678
## 5053	chr2 29223856	-	A	1 chr2:29223341-29224678
## 5054	chr2 29223857	-	G	1 chr2:29223341-29224678
## 5055	chr2 29223858	-	A	1 chr2:29223341-29224678
## 5056	chr2 29223859	-	A	1 chr2:29223341-29224678
## 5057	chr2 29223860	-	A	1 chr2:29223341-29224678
## 5058	chr2 29223861	-	T	1 chr2:29223341-29224678
## 5059	chr2 29223862	-	G	1 chr2:29223341-29224678
## 5060	chr2 29223863	-	C	1 chr2:29223341-29224678
## 5061	chr2 29223864	-	C	1 chr2:29223341-29224678
## 5062	chr2 29223865	-	C	1 chr2:29223341-29224678
## 5063	chr2 29223866	-	A	1 chr2:29223341-29224678
## 5064	chr2 29223867	-	T	1 chr2:29223341-29224678
## 5065	chr2 29224186	+	T	2 chr2:29223341-29224678
## 5066	chr2 29224187	+	T	2 chr2:29223341-29224678
## 5067	chr2 29224188	+	G	2 chr2:29223341-29224678
## 5068	chr2 29224189	+	G	3 chr2:29223341-29224678
## 5069	chr2 29224190	+	A	3 chr2:29223341-29224678
## 5070	chr2 29224191	+	G	3 chr2:29223341-29224678
## 5071	chr2 29224192	+	A	3 chr2:29223341-29224678
## 5072	chr2 29224193	+	A	3 chr2:29223341-29224678
## 5073	chr2 29224194	+	C	3 chr2:29223341-29224678
## 5074	chr2 29224195	+	T	3 chr2:29223341-29224678
## 5075	chr2 29224196	+	G	3 chr2:29223341-29224678
## 5076	chr2 29224197	+	C	3 chr2:29223341-29224678
## 5077	chr2 29224198	+	A	3 chr2:29223341-29224678
## 5078	chr2 29224199	+	A	3 chr2:29223341-29224678
## 5079	chr2 29224200	+	A	3 chr2:29223341-29224678
## 5080	chr2 29224201	+	G	3 chr2:29223341-29224678
## 5081	chr2 29224202	+	C	3 chr2:29223341-29224678
## 5082	chr2 29224203	+	A	1 chr2:29223341-29224678
## 5083	chr2 29224203	+	C	2 chr2:29223341-29224678
## 5084	chr2 29224204	+	A	3 chr2:29223341-29224678
## 5085	chr2 29224205	+	C	3 chr2:29223341-29224678
## 5086	chr2 29224206	+	A	3 chr2:29223341-29224678
## 5087	chr2 29224207	+	G	3 chr2:29223341-29224678
## 5088	chr2 29224208	+	A	3 chr2:29223341-29224678
## 5089	chr2 29224209	+	G	3 chr2:29223341-29224678
## 5090	chr2 29224210	+	T	3 chr2:29223341-29224678
## 5091	chr2 29224211	+	T	3 chr2:29223341-29224678
## 5092	chr2 29224212	+	G	3 chr2:29223341-29224678
## 5093	chr2 29224213	+	G	3 chr2:29223341-29224678
## 5094	chr2 29224214	+	A	3 chr2:29223341-29224678
## 5095	chr2 29224215	+	G	3 chr2:29223341-29224678
## 5096	chr2 29224216	+	A	3 chr2:29223341-29224678
## 5097	chr2 29224217	+	A	3 chr2:29223341-29224678
## 5098	chr2 29224218	+	G	3 chr2:29223341-29224678

## 5099	chr2	29224219	+	A	3 chr2:29223341-29224678
## 5100	chr2	29224220	+	G	3 chr2:29223341-29224678
## 5101	chr2	29224221	+	C	3 chr2:29223341-29224678
## 5102	chr2	29224222	+	C	3 chr2:29223341-29224678
## 5103	chr2	29224223	+	A	3 chr2:29223341-29224678
## 5104	chr2	29224224	+	C	3 chr2:29223341-29224678
## 5105	chr2	29224225	+	A	3 chr2:29223341-29224678
## 5106	chr2	29224226	+	T	3 chr2:29223341-29224678
## 5107	chr2	29224227	+	C	3 chr2:29223341-29224678
## 5108	chr2	29224228	+	A	3 chr2:29223341-29224678
## 5109	chr2	29224229	+	T	3 chr2:29223341-29224678
## 5110	chr2	29224230	+	G	3 chr2:29223341-29224678
## 5111	chr2	29224230	-	G	2 chr2:29223341-29224678
## 5112	chr2	29224231	+	A	2 chr2:29223341-29224678
## 5113	chr2	29224231	-	A	3 chr2:29223341-29224678
## 5114	chr2	29224232	+	A	2 chr2:29223341-29224678
## 5115	chr2	29224232	-	A	3 chr2:29223341-29224678
## 5116	chr2	29224233	+	A	2 chr2:29223341-29224678
## 5117	chr2	29224233	-	A	3 chr2:29223341-29224678
## 5118	chr2	29224234	+	A	2 chr2:29223341-29224678
## 5119	chr2	29224234	-	A	3 chr2:29223341-29224678
## 5120	chr2	29224235	+	G	2 chr2:29223341-29224678
## 5121	chr2	29224235	-	G	3 chr2:29223341-29224678
## 5122	chr2	29224236	+	A	2 chr2:29223341-29224678
## 5123	chr2	29224236	-	A	3 chr2:29223341-29224678
## 5124	chr2	29224237	+	T	2 chr2:29223341-29224678
## 5125	chr2	29224237	-	T	3 chr2:29223341-29224678
## 5126	chr2	29224238	+	C	2 chr2:29223341-29224678
## 5127	chr2	29224238	-	C	3 chr2:29223341-29224678
## 5128	chr2	29224239	+	T	2 chr2:29223341-29224678
## 5129	chr2	29224239	-	T	3 chr2:29223341-29224678
## 5130	chr2	29224240	+	C	2 chr2:29223341-29224678
## 5131	chr2	29224240	-	C	3 chr2:29223341-29224678
## 5132	chr2	29224241	+	T	2 chr2:29223341-29224678
## 5133	chr2	29224241	-	T	3 chr2:29223341-29224678
## 5134	chr2	29224242	+	A	2 chr2:29223341-29224678
## 5135	chr2	29224242	-	A	3 chr2:29223341-29224678
## 5136	chr2	29224243	+	A	2 chr2:29223341-29224678
## 5137	chr2	29224243	-	A	3 chr2:29223341-29224678
## 5138	chr2	29224244	+	A	2 chr2:29223341-29224678
## 5139	chr2	29224244	-	A	3 chr2:29223341-29224678
## 5140	chr2	29224245	+	T	2 chr2:29223341-29224678
## 5141	chr2	29224245	-	T	3 chr2:29223341-29224678
## 5142	chr2	29224246	+	T	2 chr2:29223341-29224678
## 5143	chr2	29224246	-	T	3 chr2:29223341-29224678
## 5144	chr2	29224247	+	G	2 chr2:29223341-29224678
## 5145	chr2	29224247	-	G	3 chr2:29223341-29224678
## 5146	chr2	29224248	+	G	2 chr2:29223341-29224678
## 5147	chr2	29224248	-	G	3 chr2:29223341-29224678
## 5148	chr2	29224249	+	T	2 chr2:29223341-29224678
## 5149	chr2	29224249	-	T	3 chr2:29223341-29224678
## 5150	chr2	29224250	+	G	2 chr2:29223341-29224678
## 5151	chr2	29224250	-	G	3 chr2:29223341-29224678
## 5152	chr2	29224251	+	T	2 chr2:29223341-29224678

## 5153	chr2	29224251	-	T	3	chr2:29223341-29224678
## 5154	chr2	29224252	+	C	2	chr2:29223341-29224678
## 5155	chr2	29224252	-	C	3	chr2:29223341-29224678
## 5156	chr2	29224253	+	T	2	chr2:29223341-29224678
## 5157	chr2	29224253	-	T	3	chr2:29223341-29224678
## 5158	chr2	29224254	+	G	2	chr2:29223341-29224678
## 5159	chr2	29224254	-	G	3	chr2:29223341-29224678
## 5160	chr2	29224255	+	G	2	chr2:29223341-29224678
## 5161	chr2	29224255	-	G	3	chr2:29223341-29224678
## 5162	chr2	29224256	+	G	2	chr2:29223341-29224678
## 5163	chr2	29224256	-	G	3	chr2:29223341-29224678
## 5164	chr2	29224257	+	G	2	chr2:29223341-29224678
## 5165	chr2	29224257	-	G	3	chr2:29223341-29224678
## 5166	chr2	29224258	+	A	2	chr2:29223341-29224678
## 5167	chr2	29224258	-	A	3	chr2:29223341-29224678
## 5168	chr2	29224259	+	T	2	chr2:29223341-29224678
## 5169	chr2	29224259	-	T	3	chr2:29223341-29224678
## 5170	chr2	29224260	+	C	2	chr2:29223341-29224678
## 5171	chr2	29224260	-	C	3	chr2:29223341-29224678
## 5172	chr2	29224261	-	T	3	chr2:29223341-29224678
## 5173	chr2	29224262	-	G	3	chr2:29223341-29224678
## 5174	chr2	29224263	-	T	3	chr2:29223341-29224678
## 5175	chr2	29224264	-	G	3	chr2:29223341-29224678
## 5176	chr2	29224265	-	C	3	chr2:29223341-29224678
## 5177	chr2	29224266	-	T	3	chr2:29223341-29224678
## 5178	chr2	29224267	-	C	3	chr2:29223341-29224678
## 5179	chr2	29224268	-	T	3	chr2:29223341-29224678
## 5180	chr2	29224269	-	A	3	chr2:29223341-29224678
## 5181	chr2	29224270	-	A	3	chr2:29223341-29224678
## 5182	chr2	29224271	-	T	3	chr2:29223341-29224678
## 5183	chr2	29224272	-	T	3	chr2:29223341-29224678
## 5184	chr2	29224273	-	C	3	chr2:29223341-29224678
## 5185	chr2	29224274	-	C	3	chr2:29223341-29224678
## 5186	chr2	29224275	-	G	3	chr2:29223341-29224678
## 5187	chr2	29224276	-	C	3	chr2:29223341-29224678
## 5188	chr2	29224277	-	C	3	chr2:29223341-29224678
## 5189	chr2	29224278	-	T	3	chr2:29223341-29224678
## 5190	chr2	29224279	-	C	3	chr2:29223341-29224678
## 5191	chr2	29224280	-	T	3	chr2:29223341-29224678
## 5192	chr2	29224281	-	T	3	chr2:29223341-29224678
## 5193	chr2	29224282	-	G	3	chr2:29223341-29224678
## 5194	chr2	29224283	-	T	3	chr2:29223341-29224678
## 5195	chr2	29224284	-	T	3	chr2:29223341-29224678
## 5196	chr2	29224285	-	A	3	chr2:29223341-29224678
## 5197	chr2	29224286	-	C	3	chr2:29223341-29224678
## 5198	chr2	29224287	-	T	3	chr2:29223341-29224678
## 5199	chr2	29224288	-	T	3	chr2:29223341-29224678
## 5200	chr2	29224289	-	A	3	chr2:29223341-29224678
## 5201	chr2	29224290	-	C	3	chr2:29223341-29224678
## 5202	chr2	29224291	-	A	3	chr2:29223341-29224678
## 5203	chr2	29224292	-	A	3	chr2:29223341-29224678
## 5204	chr2	29224293	-	G	3	chr2:29223341-29224678
## 5205	chr2	29224294	-	C	3	chr2:29223341-29224678
## 5206	chr2	29224295	-	T	3	chr2:29223341-29224678

## 5207	chr2	29224296	-	G	3	chr2:29223341-29224678
## 5208	chr2	29224297	-	A	3	chr2:29223341-29224678
## 5209	chr2	29224298	-	G	3	chr2:29223341-29224678
## 5210	chr2	29224299	-	C	3	chr2:29223341-29224678
## 5211	chr2	29224300	-	C	3	chr2:29223341-29224678
## 5212	chr2	29224301	-	A	3	chr2:29223341-29224678
## 5213	chr2	29224302	-	T	3	chr2:29223341-29224678
## 5214	chr2	29224303	-	G	3	chr2:29223341-29224678
## 5215	chr2	29224304	-	A	3	chr2:29223341-29224678
## 5216	chr2	29225460	+	C	212	chr2:29225460-29225565
## 5217	chr2	29225460	-	C	103	chr2:29225460-29225565
## 5218	chr2	29225461	+	A	1	chr2:29225460-29225565
## 5219	chr2	29225461	+	C	192	chr2:29225460-29225565
## 5220	chr2	29225461	-	C	89	chr2:29225460-29225565
## 5221	chr2	29225462	+	A	181	chr2:29225460-29225565
## 5222	chr2	29225462	-	A	88	chr2:29225460-29225565
## 5223	chr2	29225463	+	A	165	chr2:29225460-29225565
## 5224	chr2	29225463	-	A	82	chr2:29225460-29225565
## 5225	chr2	29225464	+	T	156	chr2:29225460-29225565
## 5226	chr2	29225464	-	T	56	chr2:29225460-29225565
## 5227	chr2	29225465	+	C	159	chr2:29225460-29225565
## 5228	chr2	29225465	-	C	46	chr2:29225460-29225565
## 5229	chr2	29225466	+	A	162	chr2:29225460-29225565
## 5230	chr2	29225466	-	A	48	chr2:29225460-29225565
## 5231	chr2	29225467	+	T	198	chr2:29225460-29225565
## 5232	chr2	29225467	-	T	44	chr2:29225460-29225565
## 5233	chr2	29225468	+	G	187	chr2:29225460-29225565
## 5234	chr2	29225468	-	G	31	chr2:29225460-29225565
## 5235	chr2	29225468	-	T	1	chr2:29225460-29225565
## 5236	chr2	29225469	+	A	198	chr2:29225460-29225565
## 5237	chr2	29225469	-	A	33	chr2:29225460-29225565
## 5238	chr2	29225469	+	T	1	chr2:29225460-29225565
## 5239	chr2	29225470	+	T	211	chr2:29225460-29225565
## 5240	chr2	29225470	-	T	28	chr2:29225460-29225565
## 5241	chr2	29225471	+	G	209	chr2:29225460-29225565
## 5242	chr2	29225471	-	G	26	chr2:29225460-29225565
## 5243	chr2	29225472	+	C	222	chr2:29225460-29225565
## 5244	chr2	29225472	-	C	27	chr2:29225460-29225565
## 5245	chr2	29225472	-	T	1	chr2:29225460-29225565
## 5246	chr2	29225473	+	C	221	chr2:29225460-29225565
## 5247	chr2	29225473	-	C	28	chr2:29225460-29225565
## 5248	chr2	29225473	+	G	1	chr2:29225460-29225565
## 5249	chr2	29225474	+	A	2	chr2:29225460-29225565
## 5250	chr2	29225474	+	G	220	chr2:29225460-29225565
## 5251	chr2	29225474	-	G	28	chr2:29225460-29225565
## 5252	chr2	29225475	+	G	222	chr2:29225460-29225565
## 5253	chr2	29225475	-	G	27	chr2:29225460-29225565
## 5254	chr2	29225475	-	T	1	chr2:29225460-29225565
## 5255	chr2	29225476	+	A	222	chr2:29225460-29225565
## 5256	chr2	29225476	-	A	28	chr2:29225460-29225565
## 5257	chr2	29225477	+	G	222	chr2:29225460-29225565
## 5258	chr2	29225477	-	G	28	chr2:29225460-29225565
## 5259	chr2	29225478	+	A	222	chr2:29225460-29225565
## 5260	chr2	29225478	-	A	28	chr2:29225460-29225565

## 5261	chr2	29225479	+	A	222	chr2:29225460-29225565
## 5262	chr2	29225479	-	A	28	chr2:29225460-29225565
## 5263	chr2	29225480	+	A	222	chr2:29225460-29225565
## 5264	chr2	29225480	-	A	28	chr2:29225460-29225565
## 5265	chr2	29225481	+	G	222	chr2:29225460-29225565
## 5266	chr2	29225481	-	G	28	chr2:29225460-29225565
## 5267	chr2	29225482	+	C	221	chr2:29225460-29225565
## 5268	chr2	29225482	-	C	28	chr2:29225460-29225565
## 5269	chr2	29225482	+	T	1	chr2:29225460-29225565
## 5270	chr2	29225483	+	C	222	chr2:29225460-29225565
## 5271	chr2	29225483	-	C	28	chr2:29225460-29225565
## 5272	chr2	29225484	+	A	222	chr2:29225460-29225565
## 5273	chr2	29225484	-	A	28	chr2:29225460-29225565
## 5274	chr2	29225485	+	G	222	chr2:29225460-29225565
## 5275	chr2	29225485	-	G	28	chr2:29225460-29225565
## 5276	chr2	29225486	+	C	1	chr2:29225460-29225565
## 5277	chr2	29225486	+	G	221	chr2:29225460-29225565
## 5278	chr2	29225486	-	G	28	chr2:29225460-29225565
## 5279	chr2	29225487	+	A	221	chr2:29225460-29225565
## 5280	chr2	29225487	-	A	28	chr2:29225460-29225565
## 5281	chr2	29225487	+	C	1	chr2:29225460-29225565
## 5282	chr2	29225488	+	C	222	chr2:29225460-29225565
## 5283	chr2	29225488	-	C	27	chr2:29225460-29225565
## 5284	chr2	29225488	-	G	1	chr2:29225460-29225565
## 5285	chr2	29225489	+	C	221	chr2:29225460-29225565
## 5286	chr2	29225489	-	C	28	chr2:29225460-29225565
## 5287	chr2	29225489	+	G	1	chr2:29225460-29225565
## 5288	chr2	29225490	+	A	222	chr2:29225460-29225565
## 5289	chr2	29225490	-	A	28	chr2:29225460-29225565
## 5290	chr2	29225491	+	G	222	chr2:29225460-29225565
## 5291	chr2	29225491	-	G	28	chr2:29225460-29225565
## 5292	chr2	29225492	+	G	222	chr2:29225460-29225565
## 5293	chr2	29225492	-	G	28	chr2:29225460-29225565
## 5294	chr2	29225493	+	G	222	chr2:29225460-29225565
## 5295	chr2	29225493	-	G	28	chr2:29225460-29225565
## 5296	chr2	29225494	+	C	222	chr2:29225460-29225565
## 5297	chr2	29225494	-	C	28	chr2:29225460-29225565
## 5298	chr2	29225495	+	G	222	chr2:29225460-29225565
## 5299	chr2	29225495	-	G	28	chr2:29225460-29225565
## 5300	chr2	29225496	+	G	221	chr2:29225460-29225565
## 5301	chr2	29225496	-	G	28	chr2:29225460-29225565
## 5302	chr2	29225497	+	C	223	chr2:29225460-29225565
## 5303	chr2	29225497	-	C	28	chr2:29225460-29225565
## 5304	chr2	29225498	+	C	223	chr2:29225460-29225565
## 5305	chr2	29225498	-	C	28	chr2:29225460-29225565
## 5306	chr2	29225499	+	A	223	chr2:29225460-29225565
## 5307	chr2	29225499	-	A	28	chr2:29225460-29225565
## 5308	chr2	29225500	+	C	223	chr2:29225460-29225565
## 5309	chr2	29225500	-	C	28	chr2:29225460-29225565
## 5310	chr2	29225501	+	G	222	chr2:29225460-29225565
## 5311	chr2	29225501	-	G	28	chr2:29225460-29225565
## 5312	chr2	29225502	+	A	222	chr2:29225460-29225565
## 5313	chr2	29225502	-	A	28	chr2:29225460-29225565
## 5314	chr2	29225503	+	G	222	chr2:29225460-29225565

## 5315	chr2	29225503	-	G	28	chr2:29225460-29225565
## 5316	chr2	29225504	+	G	222	chr2:29225460-29225565
## 5317	chr2	29225504	-	G	28	chr2:29225460-29225565
## 5318	chr2	29225505	+	G	222	chr2:29225460-29225565
## 5319	chr2	29225505	-	G	28	chr2:29225460-29225565
## 5320	chr2	29225506	+	C	222	chr2:29225460-29225565
## 5321	chr2	29225506	-	C	28	chr2:29225460-29225565
## 5322	chr2	29225507	+	A	222	chr2:29225460-29225565
## 5323	chr2	29225507	-	A	28	chr2:29225460-29225565
## 5324	chr2	29225508	+	G	222	chr2:29225460-29225565
## 5325	chr2	29225508	-	G	28	chr2:29225460-29225565
## 5326	chr2	29225509	+	A	221	chr2:29225460-29225565
## 5327	chr2	29225509	-	A	28	chr2:29225460-29225565
## 5328	chr2	29225509	+	G	1	chr2:29225460-29225565
## 5329	chr2	29225510	+	G	222	chr2:29225460-29225565
## 5330	chr2	29225510	-	G	28	chr2:29225460-29225565
## 5331	chr2	29225511	+	G	222	chr2:29225460-29225565
## 5332	chr2	29225511	-	G	28	chr2:29225460-29225565
## 5333	chr2	29225512	+	T	222	chr2:29225460-29225565
## 5334	chr2	29225512	-	T	28	chr2:29225460-29225565
## 5335	chr2	29225513	+	C	222	chr2:29225460-29225565
## 5336	chr2	29225513	-	C	28	chr2:29225460-29225565
## 5337	chr2	29225514	+	A	222	chr2:29225460-29225565
## 5338	chr2	29225514	-	A	28	chr2:29225460-29225565
## 5339	chr2	29225515	+	C	222	chr2:29225460-29225565
## 5340	chr2	29225515	-	C	28	chr2:29225460-29225565
## 5341	chr2	29225516	+	C	222	chr2:29225460-29225565
## 5342	chr2	29225516	-	C	28	chr2:29225460-29225565
## 5343	chr2	29225517	+	A	220	chr2:29225460-29225565
## 5344	chr2	29225517	-	A	28	chr2:29225460-29225565
## 5345	chr2	29225517	+	G	1	chr2:29225460-29225565
## 5346	chr2	29225517	+	T	1	chr2:29225460-29225565
## 5347	chr2	29225518	+	C	220	chr2:29225460-29225565
## 5348	chr2	29225518	-	C	28	chr2:29225460-29225565
## 5349	chr2	29225519	+	A	222	chr2:29225460-29225565
## 5350	chr2	29225519	-	A	27	chr2:29225460-29225565
## 5351	chr2	29225520	+	G	223	chr2:29225460-29225565
## 5352	chr2	29225520	-	G	27	chr2:29225460-29225565
## 5353	chr2	29225521	+	A	223	chr2:29225460-29225565
## 5354	chr2	29225521	-	A	27	chr2:29225460-29225565
## 5355	chr2	29225522	+	G	222	chr2:29225460-29225565
## 5356	chr2	29225522	-	G	27	chr2:29225460-29225565
## 5357	chr2	29225522	+	T	1	chr2:29225460-29225565
## 5358	chr2	29225523	+	A	223	chr2:29225460-29225565
## 5359	chr2	29225523	-	A	27	chr2:29225460-29225565
## 5360	chr2	29225524	+	G	223	chr2:29225460-29225565
## 5361	chr2	29225524	-	G	27	chr2:29225460-29225565
## 5362	chr2	29225525	+	G	223	chr2:29225460-29225565
## 5363	chr2	29225525	-	G	27	chr2:29225460-29225565
## 5364	chr2	29225526	+	A	223	chr2:29225460-29225565
## 5365	chr2	29225526	-	A	27	chr2:29225460-29225565
## 5366	chr2	29225527	+	G	1	chr2:29225460-29225565
## 5367	chr2	29225527	+	T	221	chr2:29225460-29225565
## 5368	chr2	29225527	-	T	28	chr2:29225460-29225565

## 5369	chr2	29225528	+	C	222	chr2:29225460-29225565
## 5370	chr2	29225528	-	C	28	chr2:29225460-29225565
## 5371	chr2	29225529	+	A	222	chr2:29225460-29225565
## 5372	chr2	29225529	-	A	28	chr2:29225460-29225565
## 5373	chr2	29225530	+	G	222	chr2:29225460-29225565
## 5374	chr2	29225530	-	G	28	chr2:29225460-29225565
## 5375	chr2	29225531	+	C	222	chr2:29225460-29225565
## 5376	chr2	29225531	-	C	28	chr2:29225460-29225565
## 5377	chr2	29225532	+	G	222	chr2:29225460-29225565
## 5378	chr2	29225532	-	G	28	chr2:29225460-29225565
## 5379	chr2	29225533	+	A	222	chr2:29225460-29225565
## 5380	chr2	29225533	-	A	28	chr2:29225460-29225565
## 5381	chr2	29225534	+	G	222	chr2:29225460-29225565
## 5382	chr2	29225534	-	G	28	chr2:29225460-29225565
## 5383	chr2	29225535	+	A	222	chr2:29225460-29225565
## 5384	chr2	29225535	-	A	28	chr2:29225460-29225565
## 5385	chr2	29225536	+	-	1	chr2:29225460-29225565
## 5386	chr2	29225536	+	G	221	chr2:29225460-29225565
## 5387	chr2	29225536	-	G	28	chr2:29225460-29225565
## 5388	chr2	29225537	+	T	222	chr2:29225460-29225565
## 5389	chr2	29225537	-	T	28	chr2:29225460-29225565
## 5390	chr2	29225538	+	G	222	chr2:29225460-29225565
## 5391	chr2	29225538	-	G	28	chr2:29225460-29225565
## 5392	chr2	29225539	+	G	219	chr2:29225460-29225565
## 5393	chr2	29225539	-	G	28	chr2:29225460-29225565
## 5394	chr2	29225540	+	C	207	chr2:29225460-29225565
## 5395	chr2	29225540	-	C	18	chr2:29225460-29225565
## 5396	chr2	29225541	+	A	205	chr2:29225460-29225565
## 5397	chr2	29225541	-	A	20	chr2:29225460-29225565
## 5398	chr2	29225542	+	G	181	chr2:29225460-29225565
## 5399	chr2	29225542	-	G	29	chr2:29225460-29225565
## 5400	chr2	29225543	+	G	177	chr2:29225460-29225565
## 5401	chr2	29225543	-	G	35	chr2:29225460-29225565
## 5402	chr2	29225544	-	C	1	chr2:29225460-29225565
## 5403	chr2	29225544	+	T	165	chr2:29225460-29225565
## 5404	chr2	29225544	-	T	48	chr2:29225460-29225565
## 5405	chr2	29225545	+	G	147	chr2:29225460-29225565
## 5406	chr2	29225545	-	G	78	chr2:29225460-29225565
## 5407	chr2	29225545	-	T	1	chr2:29225460-29225565
## 5408	chr2	29225546	-	G	2	chr2:29225460-29225565
## 5409	chr2	29225546	+	T	149	chr2:29225460-29225565
## 5410	chr2	29225546	-	T	86	chr2:29225460-29225565
## 5411	chr2	29225547	+	G	139	chr2:29225460-29225565
## 5412	chr2	29225547	-	G	96	chr2:29225460-29225565
## 5413	chr2	29225548	+	G	141	chr2:29225460-29225565
## 5414	chr2	29225548	-	G	108	chr2:29225460-29225565
## 5415	chr2	29225549	+	C	142	chr2:29225460-29225565
## 5416	chr2	29225549	-	C	108	chr2:29225460-29225565
## 5417	chr2	29225550	-	G	2	chr2:29225460-29225565
## 5418	chr2	29225550	+	T	142	chr2:29225460-29225565
## 5419	chr2	29225550	-	T	106	chr2:29225460-29225565
## 5420	chr2	29225551	+	C	142	chr2:29225460-29225565
## 5421	chr2	29225551	-	C	108	chr2:29225460-29225565
## 5422	chr2	29225552	+	C	142	chr2:29225460-29225565

## 5423	chr2	29225552	-	C	108	chr2:29225460-29225565
## 5424	chr2	29225553	+	A	1	chr2:29225460-29225565
## 5425	chr2	29225553	-	A	3	chr2:29225460-29225565
## 5426	chr2	29225553	+	G	141	chr2:29225460-29225565
## 5427	chr2	29225553	-	G	105	chr2:29225460-29225565
## 5428	chr2	29225554	+	G	142	chr2:29225460-29225565
## 5429	chr2	29225554	-	G	108	chr2:29225460-29225565
## 5430	chr2	29225555	+	G	142	chr2:29225460-29225565
## 5431	chr2	29225555	-	G	106	chr2:29225460-29225565
## 5432	chr2	29225555	-	T	2	chr2:29225460-29225565
## 5433	chr2	29225556	+	G	142	chr2:29225460-29225565
## 5434	chr2	29225556	-	G	108	chr2:29225460-29225565
## 5435	chr2	29225557	+	G	1	chr2:29225460-29225565
## 5436	chr2	29225557	-	G	1	chr2:29225460-29225565
## 5437	chr2	29225557	+	T	141	chr2:29225460-29225565
## 5438	chr2	29225557	-	T	107	chr2:29225460-29225565
## 5439	chr2	29225558	+	G	141	chr2:29225460-29225565
## 5440	chr2	29225558	-	G	108	chr2:29225460-29225565
## 5441	chr2	29225558	+	T	1	chr2:29225460-29225565
## 5442	chr2	29225559	+	A	1	chr2:29225460-29225565
## 5443	chr2	29225559	-	A	1	chr2:29225460-29225565
## 5444	chr2	29225559	+	G	141	chr2:29225460-29225565
## 5445	chr2	29225559	-	G	107	chr2:29225460-29225565
## 5446	chr2	29225560	+	G	142	chr2:29225460-29225565
## 5447	chr2	29225560	-	G	108	chr2:29225460-29225565
## 5448	chr2	29225561	+	T	142	chr2:29225460-29225565
## 5449	chr2	29225561	-	T	108	chr2:29225460-29225565
## 5450	chr2	29225562	+	G	142	chr2:29225460-29225565
## 5451	chr2	29225562	-	G	108	chr2:29225460-29225565
## 5452	chr2	29225563	+	A	141	chr2:29225460-29225565
## 5453	chr2	29225563	-	A	108	chr2:29225460-29225565
## 5454	chr2	29225564	+	C	143	chr2:29225460-29225565
## 5455	chr2	29225564	-	C	108	chr2:29225460-29225565
## 5456	chr2	29225565	+	A	144	chr2:29225460-29225565
## 5457	chr2	29225565	-	A	108	chr2:29225460-29225565
## 5458	chr2	29226921	+	C	263	chr2:29226921-29227074
## 5459	chr2	29226921	-	C	37	chr2:29226921-29227074
## 5460	chr2	29226922	+	C	258	chr2:29226921-29227074
## 5461	chr2	29226922	-	C	36	chr2:29226921-29227074
## 5462	chr2	29226922	+	G	1	chr2:29226921-29227074
## 5463	chr2	29226923	+	A	251	chr2:29226921-29227074
## 5464	chr2	29226923	-	A	35	chr2:29226921-29227074
## 5465	chr2	29226924	+	A	234	chr2:29226921-29227074
## 5466	chr2	29226924	-	A	35	chr2:29226921-29227074
## 5467	chr2	29226925	+	T	227	chr2:29226921-29227074
## 5468	chr2	29226925	-	T	34	chr2:29226921-29227074
## 5469	chr2	29226926	+	G	214	chr2:29226921-29227074
## 5470	chr2	29226926	-	G	33	chr2:29226921-29227074
## 5471	chr2	29226927	+	C	204	chr2:29226921-29227074
## 5472	chr2	29226927	-	C	32	chr2:29226921-29227074
## 5473	chr2	29226928	+	A	204	chr2:29226921-29227074
## 5474	chr2	29226928	-	A	31	chr2:29226921-29227074
## 5475	chr2	29226928	+	C	1	chr2:29226921-29227074
## 5476	chr2	29226929	-	A	1	chr2:29226921-29227074

## 5477	chr2 29226929	+	G	211	chr2:29226921-29227074
## 5478	chr2 29226929	-	G	29	chr2:29226921-29227074
## 5479	chr2 29226930	+	G	218	chr2:29226921-29227074
## 5480	chr2 29226930	-	G	27	chr2:29226921-29227074
## 5481	chr2 29226931	+	A	209	chr2:29226921-29227074
## 5482	chr2 29226931	-	A	25	chr2:29226921-29227074
## 5483	chr2 29226932	-	A	1	chr2:29226921-29227074
## 5484	chr2 29226932	+	G	212	chr2:29226921-29227074
## 5485	chr2 29226932	-	G	36	chr2:29226921-29227074
## 5486	chr2 29226933	+	A	200	chr2:29226921-29227074
## 5487	chr2 29226933	-	A	36	chr2:29226921-29227074
## 5488	chr2 29226933	+	C	4	chr2:29226921-29227074
## 5489	chr2 29226934	+	C	211	chr2:29226921-29227074
## 5490	chr2 29226934	-	C	35	chr2:29226921-29227074
## 5491	chr2 29226934	+	T	3	chr2:29226921-29227074
## 5492	chr2 29226935	+	G	214	chr2:29226921-29227074
## 5493	chr2 29226935	-	G	34	chr2:29226921-29227074
## 5494	chr2 29226936	+	C	210	chr2:29226921-29227074
## 5495	chr2 29226936	-	C	27	chr2:29226921-29227074
## 5496	chr2 29226937	+	C	213	chr2:29226921-29227074
## 5497	chr2 29226937	-	C	33	chr2:29226921-29227074
## 5498	chr2 29226938	+	A	201	chr2:29226921-29227074
## 5499	chr2 29226938	-	A	33	chr2:29226921-29227074
## 5500	chr2 29226938	+	C	3	chr2:29226921-29227074
## 5501	chr2 29226938	+	G	1	chr2:29226921-29227074
## 5502	chr2 29226939	+	A	1	chr2:29226921-29227074
## 5503	chr2 29226939	+	T	212	chr2:29226921-29227074
## 5504	chr2 29226939	-	T	33	chr2:29226921-29227074
## 5505	chr2 29226940	+	C	212	chr2:29226921-29227074
## 5506	chr2 29226940	-	C	31	chr2:29226921-29227074
## 5507	chr2 29226941	+	C	208	chr2:29226921-29227074
## 5508	chr2 29226941	-	C	32	chr2:29226921-29227074
## 5509	chr2 29226942	+	T	199	chr2:29226921-29227074
## 5510	chr2 29226942	-	T	33	chr2:29226921-29227074
## 5511	chr2 29226943	+	C	197	chr2:29226921-29227074
## 5512	chr2 29226943	-	C	41	chr2:29226921-29227074
## 5513	chr2 29226944	+	A	193	chr2:29226921-29227074
## 5514	chr2 29226944	-	A	40	chr2:29226921-29227074
## 5515	chr2 29226945	+	G	209	chr2:29226921-29227074
## 5516	chr2 29226945	-	G	37	chr2:29226921-29227074
## 5517	chr2 29226946	+	C	211	chr2:29226921-29227074
## 5518	chr2 29226946	-	C	36	chr2:29226921-29227074
## 5519	chr2 29226947	+	C	209	chr2:29226921-29227074
## 5520	chr2 29226947	-	C	34	chr2:29226921-29227074
## 5521	chr2 29226948	+	A	215	chr2:29226921-29227074
## 5522	chr2 29226948	-	A	34	chr2:29226921-29227074
## 5523	chr2 29226948	+	C	1	chr2:29226921-29227074
## 5524	chr2 29226949	+	G	216	chr2:29226921-29227074
## 5525	chr2 29226949	-	G	34	chr2:29226921-29227074
## 5526	chr2 29226950	+	C	216	chr2:29226921-29227074
## 5527	chr2 29226950	-	C	34	chr2:29226921-29227074
## 5528	chr2 29226951	+	A	217	chr2:29226921-29227074
## 5529	chr2 29226951	-	A	34	chr2:29226921-29227074
## 5530	chr2 29226952	+	C	217	chr2:29226921-29227074

## 5531	chr2	29226952	-	C	34	chr2:29226921-29227074
## 5532	chr2	29226953	+	C	216	chr2:29226921-29227074
## 5533	chr2	29226953	-	C	34	chr2:29226921-29227074
## 5534	chr2	29226953	+	T	2	chr2:29226921-29227074
## 5535	chr2	29226954	+	G	218	chr2:29226921-29227074
## 5536	chr2	29226954	-	G	32	chr2:29226921-29227074
## 5537	chr2	29226954	-	T	2	chr2:29226921-29227074
## 5538	chr2	29226955	+	T	218	chr2:29226921-29227074
## 5539	chr2	29226955	-	T	34	chr2:29226921-29227074
## 5540	chr2	29226956	+	C	217	chr2:29226921-29227074
## 5541	chr2	29226956	-	C	34	chr2:29226921-29227074
## 5542	chr2	29226957	+	C	218	chr2:29226921-29227074
## 5543	chr2	29226957	-	C	34	chr2:29226921-29227074
## 5544	chr2	29226958	+	C	218	chr2:29226921-29227074
## 5545	chr2	29226958	-	C	34	chr2:29226921-29227074
## 5546	chr2	29226959	+	G	218	chr2:29226921-29227074
## 5547	chr2	29226959	-	G	34	chr2:29226921-29227074
## 5548	chr2	29226960	+	T	218	chr2:29226921-29227074
## 5549	chr2	29226960	-	T	34	chr2:29226921-29227074
## 5550	chr2	29226961	+	G	218	chr2:29226921-29227074
## 5551	chr2	29226961	-	G	34	chr2:29226921-29227074
## 5552	chr2	29226962	+	G	218	chr2:29226921-29227074
## 5553	chr2	29226962	-	G	34	chr2:29226921-29227074
## 5554	chr2	29226963	+	T	218	chr2:29226921-29227074
## 5555	chr2	29226963	-	T	34	chr2:29226921-29227074
## 5556	chr2	29226964	+	C	217	chr2:29226921-29227074
## 5557	chr2	29226964	-	C	34	chr2:29226921-29227074
## 5558	chr2	29226965	+	A	218	chr2:29226921-29227074
## 5559	chr2	29226965	-	A	34	chr2:29226921-29227074
## 5560	chr2	29226966	-	A	2	chr2:29226921-29227074
## 5561	chr2	29226966	+	C	219	chr2:29226921-29227074
## 5562	chr2	29226966	-	C	32	chr2:29226921-29227074
## 5563	chr2	29226967	+	A	219	chr2:29226921-29227074
## 5564	chr2	29226967	-	A	34	chr2:29226921-29227074
## 5565	chr2	29226968	+	G	219	chr2:29226921-29227074
## 5566	chr2	29226968	-	G	34	chr2:29226921-29227074
## 5567	chr2	29226969	+	A	219	chr2:29226921-29227074
## 5568	chr2	29226969	-	A	34	chr2:29226921-29227074
## 5569	chr2	29226970	+	A	219	chr2:29226921-29227074
## 5570	chr2	29226970	-	A	34	chr2:29226921-29227074
## 5571	chr2	29226971	+	G	218	chr2:29226921-29227074
## 5572	chr2	29226971	-	G	34	chr2:29226921-29227074
## 5573	chr2	29226972	+	C	219	chr2:29226921-29227074
## 5574	chr2	29226972	-	C	32	chr2:29226921-29227074
## 5575	chr2	29226972	-	T	1	chr2:29226921-29227074
## 5576	chr2	29226973	+	A	219	chr2:29226921-29227074
## 5577	chr2	29226973	-	A	32	chr2:29226921-29227074
## 5578	chr2	29226973	-	T	1	chr2:29226921-29227074
## 5579	chr2	29226974	+	G	218	chr2:29226921-29227074
## 5580	chr2	29226974	-	G	33	chr2:29226921-29227074
## 5581	chr2	29226974	+	T	1	chr2:29226921-29227074
## 5582	chr2	29226975	+	A	219	chr2:29226921-29227074
## 5583	chr2	29226975	-	A	33	chr2:29226921-29227074
## 5584	chr2	29226976	+	T	219	chr2:29226921-29227074

## 5585	chr2 29226976	-	T	33	chr2:29226921-29227074
## 5586	chr2 29226977	+	G	219	chr2:29226921-29227074
## 5587	chr2 29226977	-	G	33	chr2:29226921-29227074
## 5588	chr2 29226978	+	A	219	chr2:29226921-29227074
## 5589	chr2 29226978	-	A	33	chr2:29226921-29227074
## 5590	chr2 29226979	+	A	1	chr2:29226921-29227074
## 5591	chr2 29226979	+	C	218	chr2:29226921-29227074
## 5592	chr2 29226979	-	C	33	chr2:29226921-29227074
## 5593	chr2 29226980	+	C	220	chr2:29226921-29227074
## 5594	chr2 29226980	-	C	33	chr2:29226921-29227074
## 5595	chr2 29226981	+	T	221	chr2:29226921-29227074
## 5596	chr2 29226981	-	T	32	chr2:29226921-29227074
## 5597	chr2 29226982	+	T	221	chr2:29226921-29227074
## 5598	chr2 29226982	-	T	32	chr2:29226921-29227074
## 5599	chr2 29226983	+	G	221	chr2:29226921-29227074
## 5600	chr2 29226983	-	G	32	chr2:29226921-29227074
## 5601	chr2 29226984	+	T	221	chr2:29226921-29227074
## 5602	chr2 29226984	-	T	32	chr2:29226921-29227074
## 5603	chr2 29226985	+	G	221	chr2:29226921-29227074
## 5604	chr2 29226985	-	G	32	chr2:29226921-29227074
## 5605	chr2 29226986	+	G	221	chr2:29226921-29227074
## 5606	chr2 29226986	-	G	32	chr2:29226921-29227074
## 5607	chr2 29226987	+	C	221	chr2:29226921-29227074
## 5608	chr2 29226987	-	C	31	chr2:29226921-29227074
## 5609	chr2 29226987	-	T	1	chr2:29226921-29227074
## 5610	chr2 29226988	+	T	221	chr2:29226921-29227074
## 5611	chr2 29226988	-	T	32	chr2:29226921-29227074
## 5612	chr2 29226989	+	T	221	chr2:29226921-29227074
## 5613	chr2 29226989	-	T	32	chr2:29226921-29227074
## 5614	chr2 29226990	+	T	221	chr2:29226921-29227074
## 5615	chr2 29226990	-	T	32	chr2:29226921-29227074
## 5616	chr2 29226991	+	C	221	chr2:29226921-29227074
## 5617	chr2 29226991	-	C	32	chr2:29226921-29227074
## 5618	chr2 29226992	+	A	221	chr2:29226921-29227074
## 5619	chr2 29226992	-	A	31	chr2:29226921-29227074
## 5620	chr2 29226993	+	G	221	chr2:29226921-29227074
## 5621	chr2 29226993	-	G	31	chr2:29226921-29227074
## 5622	chr2 29226994	+	G	221	chr2:29226921-29227074
## 5623	chr2 29226994	-	G	31	chr2:29226921-29227074
## 5624	chr2 29226995	+	G	221	chr2:29226921-29227074
## 5625	chr2 29226995	-	G	31	chr2:29226921-29227074
## 5626	chr2 29226996	+	A	1	chr2:29226921-29227074
## 5627	chr2 29226996	-	A	1	chr2:29226921-29227074
## 5628	chr2 29226996	+	G	1	chr2:29226921-29227074
## 5629	chr2 29226996	+	T	219	chr2:29226921-29227074
## 5630	chr2 29226996	-	T	30	chr2:29226921-29227074
## 5631	chr2 29226997	+	C	221	chr2:29226921-29227074
## 5632	chr2 29226997	-	C	31	chr2:29226921-29227074
## 5633	chr2 29226998	+	C	221	chr2:29226921-29227074
## 5634	chr2 29226998	-	C	29	chr2:29226921-29227074
## 5635	chr2 29226998	-	T	1	chr2:29226921-29227074
## 5636	chr2 29226999	+	A	221	chr2:29226921-29227074
## 5637	chr2 29226999	-	A	30	chr2:29226921-29227074
## 5638	chr2 29227000	+	T	221	chr2:29226921-29227074

## 5639	chr2 29227000	-	T	30	chr2:29226921-29227074
## 5640	chr2 29227001	+	G	221	chr2:29226921-29227074
## 5641	chr2 29227001	-	G	30	chr2:29226921-29227074
## 5642	chr2 29227002	+	T	218	chr2:29226921-29227074
## 5643	chr2 29227002	-	T	30	chr2:29226921-29227074
## 5644	chr2 29227003	-	A	3	chr2:29226921-29227074
## 5645	chr2 29227003	+	G	206	chr2:29226921-29227074
## 5646	chr2 29227003	-	G	27	chr2:29226921-29227074
## 5647	chr2 29227004	+	A	200	chr2:29226921-29227074
## 5648	chr2 29227004	-	A	36	chr2:29226921-29227074
## 5649	chr2 29227005	+	C	192	chr2:29226921-29227074
## 5650	chr2 29227005	-	C	46	chr2:29226921-29227074
## 5651	chr2 29227006	+	A	199	chr2:29226921-29227074
## 5652	chr2 29227006	-	A	46	chr2:29226921-29227074
## 5653	chr2 29227007	+	T	196	chr2:29226921-29227074
## 5654	chr2 29227007	-	T	38	chr2:29226921-29227074
## 5655	chr2 29227008	+	T	202	chr2:29226921-29227074
## 5656	chr2 29227008	-	T	44	chr2:29226921-29227074
## 5657	chr2 29227009	+	A	1	chr2:29226921-29227074
## 5658	chr2 29227009	+	C	191	chr2:29226921-29227074
## 5659	chr2 29227009	-	C	46	chr2:29226921-29227074
## 5660	chr2 29227010	+	G	201	chr2:29226921-29227074
## 5661	chr2 29227010	-	G	48	chr2:29226921-29227074
## 5662	chr2 29227011	+	T	200	chr2:29226921-29227074
## 5663	chr2 29227011	-	T	48	chr2:29226921-29227074
## 5664	chr2 29227012	+	C	197	chr2:29226921-29227074
## 5665	chr2 29227012	-	C	42	chr2:29226921-29227074
## 5666	chr2 29227013	+	T	197	chr2:29226921-29227074
## 5667	chr2 29227013	-	T	49	chr2:29226921-29227074
## 5668	chr2 29227014	+	A	189	chr2:29226921-29227074
## 5669	chr2 29227014	-	A	49	chr2:29226921-29227074
## 5670	chr2 29227015	+	C	188	chr2:29226921-29227074
## 5671	chr2 29227015	-	C	58	chr2:29226921-29227074
## 5672	chr2 29227016	+	C	181	chr2:29226921-29227074
## 5673	chr2 29227016	-	C	62	chr2:29226921-29227074
## 5674	chr2 29227017	+	T	179	chr2:29226921-29227074
## 5675	chr2 29227017	-	T	66	chr2:29226921-29227074
## 5676	chr2 29227018	+	C	173	chr2:29226921-29227074
## 5677	chr2 29227018	-	C	62	chr2:29226921-29227074
## 5678	chr2 29227019	+	A	160	chr2:29226921-29227074
## 5679	chr2 29227019	-	A	69	chr2:29226921-29227074
## 5680	chr2 29227020	+	C	147	chr2:29226921-29227074
## 5681	chr2 29227020	-	C	73	chr2:29226921-29227074
## 5682	chr2 29227020	+	T	1	chr2:29226921-29227074
## 5683	chr2 29227021	+	A	147	chr2:29226921-29227074
## 5684	chr2 29227021	-	A	86	chr2:29226921-29227074
## 5685	chr2 29227022	+	G	146	chr2:29226921-29227074
## 5686	chr2 29227022	-	G	102	chr2:29226921-29227074
## 5687	chr2 29227023	-	G	1	chr2:29226921-29227074
## 5688	chr2 29227023	+	T	141	chr2:29226921-29227074
## 5689	chr2 29227023	-	T	101	chr2:29226921-29227074
## 5690	chr2 29227024	+	G	141	chr2:29226921-29227074
## 5691	chr2 29227024	-	G	109	chr2:29226921-29227074
## 5692	chr2 29227025	+	A	141	chr2:29226921-29227074

## 5693	chr2 29227025	-	A	109	chr2:29226921-29227074
## 5694	chr2 29227026	+	C	141	chr2:29226921-29227074
## 5695	chr2 29227026	-	C	109	chr2:29226921-29227074
## 5696	chr2 29227027	+	T	141	chr2:29226921-29227074
## 5697	chr2 29227027	-	T	109	chr2:29226921-29227074
## 5698	chr2 29227028	+	G	140	chr2:29226921-29227074
## 5699	chr2 29227028	-	G	110	chr2:29226921-29227074
## 5700	chr2 29227029	+	C	140	chr2:29226921-29227074
## 5701	chr2 29227029	-	C	110	chr2:29226921-29227074
## 5702	chr2 29227030	+	A	140	chr2:29226921-29227074
## 5703	chr2 29227030	-	A	110	chr2:29226921-29227074
## 5704	chr2 29227031	+	G	140	chr2:29226921-29227074
## 5705	chr2 29227031	-	G	110	chr2:29226921-29227074
## 5706	chr2 29227032	+	T	140	chr2:29226921-29227074
## 5707	chr2 29227032	-	T	110	chr2:29226921-29227074
## 5708	chr2 29227033	+	T	140	chr2:29226921-29227074
## 5709	chr2 29227033	-	T	110	chr2:29226921-29227074
## 5710	chr2 29227034	+	T	140	chr2:29226921-29227074
## 5711	chr2 29227034	-	T	110	chr2:29226921-29227074
## 5712	chr2 29227035	+	A	139	chr2:29226921-29227074
## 5713	chr2 29227035	-	A	111	chr2:29226921-29227074
## 5714	chr2 29227036	+	G	139	chr2:29226921-29227074
## 5715	chr2 29227036	-	G	111	chr2:29226921-29227074
## 5716	chr2 29227037	+	A	138	chr2:29226921-29227074
## 5717	chr2 29227037	-	A	111	chr2:29226921-29227074
## 5718	chr2 29227037	+	T	1	chr2:29226921-29227074
## 5719	chr2 29227038	-	A	1	chr2:29226921-29227074
## 5720	chr2 29227038	+	T	139	chr2:29226921-29227074
## 5721	chr2 29227038	-	T	110	chr2:29226921-29227074
## 5722	chr2 29227039	+	A	138	chr2:29226921-29227074
## 5723	chr2 29227039	-	A	112	chr2:29226921-29227074
## 5724	chr2 29227040	+	A	138	chr2:29226921-29227074
## 5725	chr2 29227040	-	A	112	chr2:29226921-29227074
## 5726	chr2 29227041	+	T	138	chr2:29226921-29227074
## 5727	chr2 29227041	-	T	112	chr2:29226921-29227074
## 5728	chr2 29227042	+	G	138	chr2:29226921-29227074
## 5729	chr2 29227042	-	G	112	chr2:29226921-29227074
## 5730	chr2 29227043	+	C	138	chr2:29226921-29227074
## 5731	chr2 29227043	-	C	112	chr2:29226921-29227074
## 5732	chr2 29227044	+	T	138	chr2:29226921-29227074
## 5733	chr2 29227044	-	T	112	chr2:29226921-29227074
## 5734	chr2 29227045	+	T	138	chr2:29226921-29227074
## 5735	chr2 29227045	-	T	112	chr2:29226921-29227074
## 5736	chr2 29227046	+	A	137	chr2:29226921-29227074
## 5737	chr2 29227046	-	A	113	chr2:29226921-29227074
## 5738	chr2 29227047	+	A	137	chr2:29226921-29227074
## 5739	chr2 29227047	-	A	113	chr2:29226921-29227074
## 5740	chr2 29227048	+	A	1	chr2:29226921-29227074
## 5741	chr2 29227048	-	A	1	chr2:29226921-29227074
## 5742	chr2 29227048	+	T	135	chr2:29226921-29227074
## 5743	chr2 29227048	-	T	113	chr2:29226921-29227074
## 5744	chr2 29227049	+	A	135	chr2:29226921-29227074
## 5745	chr2 29227049	-	A	115	chr2:29226921-29227074
## 5746	chr2 29227050	+	T	135	chr2:29226921-29227074

## 5747	chr2 29227050	-	T	115	chr2:29226921-29227074
## 5748	chr2 29227051	+	T	134	chr2:29226921-29227074
## 5749	chr2 29227051	-	T	116	chr2:29226921-29227074
## 5750	chr2 29227052	+	C	134	chr2:29226921-29227074
## 5751	chr2 29227052	-	C	116	chr2:29226921-29227074
## 5752	chr2 29227053	+	A	134	chr2:29226921-29227074
## 5753	chr2 29227053	-	A	116	chr2:29226921-29227074
## 5754	chr2 29227054	+	C	134	chr2:29226921-29227074
## 5755	chr2 29227054	-	C	116	chr2:29226921-29227074
## 5756	chr2 29227055	+	T	134	chr2:29226921-29227074
## 5757	chr2 29227055	-	T	116	chr2:29226921-29227074
## 5758	chr2 29227056	+	T	133	chr2:29226921-29227074
## 5759	chr2 29227056	-	T	117	chr2:29226921-29227074
## 5760	chr2 29227057	+	C	133	chr2:29226921-29227074
## 5761	chr2 29227057	-	C	117	chr2:29226921-29227074
## 5762	chr2 29227058	+	C	132	chr2:29226921-29227074
## 5763	chr2 29227058	-	C	118	chr2:29226921-29227074
## 5764	chr2 29227059	+	C	131	chr2:29226921-29227074
## 5765	chr2 29227059	-	C	118	chr2:29226921-29227074
## 5766	chr2 29227060	+	C	131	chr2:29226921-29227074
## 5767	chr2 29227060	-	C	118	chr2:29226921-29227074
## 5768	chr2 29227060	-	T	1	chr2:29226921-29227074
## 5769	chr2 29227061	+	G	130	chr2:29226921-29227074
## 5770	chr2 29227061	-	G	119	chr2:29226921-29227074
## 5771	chr2 29227061	-	T	1	chr2:29226921-29227074
## 5772	chr2 29227062	+	T	130	chr2:29226921-29227074
## 5773	chr2 29227062	-	T	120	chr2:29226921-29227074
## 5774	chr2 29227063	+	A	1	chr2:29226921-29227074
## 5775	chr2 29227063	-	A	2	chr2:29226921-29227074
## 5776	chr2 29227063	+	G	128	chr2:29226921-29227074
## 5777	chr2 29227063	-	G	119	chr2:29226921-29227074
## 5778	chr2 29227064	+	G	128	chr2:29226921-29227074
## 5779	chr2 29227064	-	G	122	chr2:29226921-29227074
## 5780	chr2 29227065	+	C	127	chr2:29226921-29227074
## 5781	chr2 29227065	-	C	123	chr2:29226921-29227074
## 5782	chr2 29227066	+	C	126	chr2:29226921-29227074
## 5783	chr2 29227066	-	C	124	chr2:29226921-29227074
## 5784	chr2 29227067	-	G	1	chr2:29226921-29227074
## 5785	chr2 29227067	+	T	125	chr2:29226921-29227074
## 5786	chr2 29227067	-	T	124	chr2:29226921-29227074
## 5787	chr2 29227068	+	T	124	chr2:29226921-29227074
## 5788	chr2 29227068	-	T	126	chr2:29226921-29227074
## 5789	chr2 29227069	+	C	124	chr2:29226921-29227074
## 5790	chr2 29227069	-	C	126	chr2:29226921-29227074
## 5791	chr2 29227070	+	C	123	chr2:29226921-29227074
## 5792	chr2 29227070	-	C	127	chr2:29226921-29227074
## 5793	chr2 29227071	+	A	122	chr2:29226921-29227074
## 5794	chr2 29227071	-	A	128	chr2:29226921-29227074
## 5795	chr2 29227072	+	T	121	chr2:29226921-29227074
## 5796	chr2 29227072	-	T	129	chr2:29226921-29227074
## 5797	chr2 29227073	+	C	120	chr2:29226921-29227074
## 5798	chr2 29227073	-	C	130	chr2:29226921-29227074
## 5799	chr2 29227074	+	A	119	chr2:29226921-29227074
## 5800	chr2 29227074	-	A	131	chr2:29226921-29227074

## 5801	chr2 29227573	+	C	203	chr2:29227573-29227672
## 5802	chr2 29227573	-	C	102	chr2:29227573-29227672
## 5803	chr2 29227574	+	C	199	chr2:29227573-29227672
## 5804	chr2 29227574	-	C	101	chr2:29227573-29227672
## 5805	chr2 29227575	+	T	195	chr2:29227573-29227672
## 5806	chr2 29227575	-	T	99	chr2:29227573-29227672
## 5807	chr2 29227576	+	T	192	chr2:29227573-29227672
## 5808	chr2 29227576	-	T	93	chr2:29227573-29227672
## 5809	chr2 29227577	+	T	184	chr2:29227573-29227672
## 5810	chr2 29227577	-	T	89	chr2:29227573-29227672
## 5811	chr2 29227578	+	T	182	chr2:29227573-29227672
## 5812	chr2 29227578	-	T	78	chr2:29227573-29227672
## 5813	chr2 29227579	+	A	180	chr2:29227573-29227672
## 5814	chr2 29227579	-	A	70	chr2:29227573-29227672
## 5815	chr2 29227580	+	A	168	chr2:29227573-29227672
## 5816	chr2 29227580	-	A	64	chr2:29227573-29227672
## 5817	chr2 29227581	+	A	164	chr2:29227573-29227672
## 5818	chr2 29227581	-	A	71	chr2:29227573-29227672
## 5819	chr2 29227582	+	G	168	chr2:29227573-29227672
## 5820	chr2 29227582	-	G	68	chr2:29227573-29227672
## 5821	chr2 29227583	+	C	173	chr2:29227573-29227672
## 5822	chr2 29227583	-	C	65	chr2:29227573-29227672
## 5823	chr2 29227584	+	T	173	chr2:29227573-29227672
## 5824	chr2 29227584	-	T	57	chr2:29227573-29227672
## 5825	chr2 29227585	+	G	165	chr2:29227573-29227672
## 5826	chr2 29227585	-	G	71	chr2:29227573-29227672
## 5827	chr2 29227585	+	T	1	chr2:29227573-29227672
## 5828	chr2 29227586	+	C	1	chr2:29227573-29227672
## 5829	chr2 29227586	+	G	160	chr2:29227573-29227672
## 5830	chr2 29227586	-	G	72	chr2:29227573-29227672
## 5831	chr2 29227587	+	G	151	chr2:29227573-29227672
## 5832	chr2 29227587	-	G	76	chr2:29227573-29227672
## 5833	chr2 29227587	-	T	1	chr2:29227573-29227672
## 5834	chr2 29227588	+	A	1	chr2:29227573-29227672
## 5835	chr2 29227588	+	G	150	chr2:29227573-29227672
## 5836	chr2 29227588	-	G	91	chr2:29227573-29227672
## 5837	chr2 29227589	+	T	149	chr2:29227573-29227672
## 5838	chr2 29227589	-	T	93	chr2:29227573-29227672
## 5839	chr2 29227590	+	G	138	chr2:29227573-29227672
## 5840	chr2 29227590	-	G	90	chr2:29227573-29227672
## 5841	chr2 29227591	+	T	144	chr2:29227573-29227672
## 5842	chr2 29227591	-	T	83	chr2:29227573-29227672
## 5843	chr2 29227592	+	A	137	chr2:29227573-29227672
## 5844	chr2 29227592	-	A	88	chr2:29227573-29227672
## 5845	chr2 29227593	+	C	135	chr2:29227573-29227672
## 5846	chr2 29227593	-	C	98	chr2:29227573-29227672
## 5847	chr2 29227594	+	A	134	chr2:29227573-29227672
## 5848	chr2 29227594	-	A	106	chr2:29227573-29227672
## 5849	chr2 29227595	+	G	133	chr2:29227573-29227672
## 5850	chr2 29227595	-	G	114	chr2:29227573-29227672
## 5851	chr2 29227596	+	G	133	chr2:29227573-29227672
## 5852	chr2 29227596	-	G	116	chr2:29227573-29227672
## 5853	chr2 29227597	+	A	132	chr2:29227573-29227672
## 5854	chr2 29227597	-	A	118	chr2:29227573-29227672

## 5855	chr2 29227598	+	T	132	chr2:29227573-29227672
## 5856	chr2 29227598	-	T	118	chr2:29227573-29227672
## 5857	chr2 29227599	+	G	133	chr2:29227573-29227672
## 5858	chr2 29227599	-	G	117	chr2:29227573-29227672
## 5859	chr2 29227600	+	C	133	chr2:29227573-29227672
## 5860	chr2 29227600	-	C	117	chr2:29227573-29227672
## 5861	chr2 29227601	+	C	132	chr2:29227573-29227672
## 5862	chr2 29227601	-	C	117	chr2:29227573-29227672
## 5863	chr2 29227601	+	G	1	chr2:29227573-29227672
## 5864	chr2 29227602	+	C	133	chr2:29227573-29227672
## 5865	chr2 29227602	-	C	116	chr2:29227573-29227672
## 5866	chr2 29227602	-	T	1	chr2:29227573-29227672
## 5867	chr2 29227603	+	A	132	chr2:29227573-29227672
## 5868	chr2 29227603	-	A	118	chr2:29227573-29227672
## 5869	chr2 29227604	+	G	132	chr2:29227573-29227672
## 5870	chr2 29227604	-	G	118	chr2:29227573-29227672
## 5871	chr2 29227605	+	T	132	chr2:29227573-29227672
## 5872	chr2 29227605	-	T	118	chr2:29227573-29227672
## 5873	chr2 29227606	+	G	132	chr2:29227573-29227672
## 5874	chr2 29227606	-	G	118	chr2:29227573-29227672
## 5875	chr2 29227607	+	G	132	chr2:29227573-29227672
## 5876	chr2 29227607	-	G	118	chr2:29227573-29227672
## 5877	chr2 29227608	+	A	132	chr2:29227573-29227672
## 5878	chr2 29227608	-	A	118	chr2:29227573-29227672
## 5879	chr2 29227609	+	C	133	chr2:29227573-29227672
## 5880	chr2 29227609	-	C	118	chr2:29227573-29227672
## 5881	chr2 29227610	+	C	1	chr2:29227573-29227672
## 5882	chr2 29227610	+	T	131	chr2:29227573-29227672
## 5883	chr2 29227610	-	T	119	chr2:29227573-29227672
## 5884	chr2 29227611	+	G	131	chr2:29227573-29227672
## 5885	chr2 29227611	-	G	120	chr2:29227573-29227672
## 5886	chr2 29227612	+	A	130	chr2:29227573-29227672
## 5887	chr2 29227612	-	A	121	chr2:29227573-29227672
## 5888	chr2 29227613	+	T	130	chr2:29227573-29227672
## 5889	chr2 29227613	-	T	121	chr2:29227573-29227672
## 5890	chr2 29227614	+	G	130	chr2:29227573-29227672
## 5891	chr2 29227614	-	G	121	chr2:29227573-29227672
## 5892	chr2 29227615	+	A	130	chr2:29227573-29227672
## 5893	chr2 29227615	-	A	121	chr2:29227573-29227672
## 5894	chr2 29227616	+	A	130	chr2:29227573-29227672
## 5895	chr2 29227616	-	A	121	chr2:29227573-29227672
## 5896	chr2 29227617	+	G	129	chr2:29227573-29227672
## 5897	chr2 29227617	-	G	122	chr2:29227573-29227672
## 5898	chr2 29227618	+	G	129	chr2:29227573-29227672
## 5899	chr2 29227618	-	G	122	chr2:29227573-29227672
## 5900	chr2 29227619	+	A	129	chr2:29227573-29227672
## 5901	chr2 29227619	-	A	122	chr2:29227573-29227672
## 5902	chr2 29227620	+	A	128	chr2:29227573-29227672
## 5903	chr2 29227620	-	A	122	chr2:29227573-29227672
## 5904	chr2 29227621	+	A	128	chr2:29227573-29227672
## 5905	chr2 29227621	-	A	121	chr2:29227573-29227672
## 5906	chr2 29227621	-	C	1	chr2:29227573-29227672
## 5907	chr2 29227622	+	A	1	chr2:29227573-29227672
## 5908	chr2 29227622	+	C	127	chr2:29227573-29227672

## 5909	chr2 29227622	-	C	122	chr2:29227573-29227672
## 5910	chr2 29227623	+	C	127	chr2:29227573-29227672
## 5911	chr2 29227623	-	C	123	chr2:29227573-29227672
## 5912	chr2 29227624	+	C	126	chr2:29227573-29227672
## 5913	chr2 29227624	-	C	124	chr2:29227573-29227672
## 5914	chr2 29227625	+	C	126	chr2:29227573-29227672
## 5915	chr2 29227625	-	C	124	chr2:29227573-29227672
## 5916	chr2 29227626	+	A	125	chr2:29227573-29227672
## 5917	chr2 29227626	-	A	125	chr2:29227573-29227672
## 5918	chr2 29227627	+	T	124	chr2:29227573-29227672
## 5919	chr2 29227627	-	T	126	chr2:29227573-29227672
## 5920	chr2 29227628	+	A	1	chr2:29227573-29227672
## 5921	chr2 29227628	+	C	122	chr2:29227573-29227672
## 5922	chr2 29227628	-	C	127	chr2:29227573-29227672
## 5923	chr2 29227629	+	T	123	chr2:29227573-29227672
## 5924	chr2 29227629	-	T	127	chr2:29227573-29227672
## 5925	chr2 29227630	+	T	122	chr2:29227573-29227672
## 5926	chr2 29227630	-	T	128	chr2:29227573-29227672
## 5927	chr2 29227631	+	C	121	chr2:29227573-29227672
## 5928	chr2 29227631	-	C	129	chr2:29227573-29227672
## 5929	chr2 29227632	+	C	120	chr2:29227573-29227672
## 5930	chr2 29227632	-	C	130	chr2:29227573-29227672
## 5931	chr2 29227633	+	C	119	chr2:29227573-29227672
## 5932	chr2 29227633	-	C	131	chr2:29227573-29227672
## 5933	chr2 29227634	+	C	118	chr2:29227573-29227672
## 5934	chr2 29227634	-	C	131	chr2:29227573-29227672
## 5935	chr2 29227634	+	T	1	chr2:29227573-29227672
## 5936	chr2 29227635	+	A	118	chr2:29227573-29227672
## 5937	chr2 29227635	-	A	132	chr2:29227573-29227672
## 5938	chr2 29227636	+	T	117	chr2:29227573-29227672
## 5939	chr2 29227636	-	T	133	chr2:29227573-29227672
## 5940	chr2 29227637	+	C	116	chr2:29227573-29227672
## 5941	chr2 29227637	-	C	134	chr2:29227573-29227672
## 5942	chr2 29227638	+	C	115	chr2:29227573-29227672
## 5943	chr2 29227638	-	C	135	chr2:29227573-29227672
## 5944	chr2 29227639	+	A	114	chr2:29227573-29227672
## 5945	chr2 29227639	-	A	136	chr2:29227573-29227672
## 5946	chr2 29227640	+	T	114	chr2:29227573-29227672
## 5947	chr2 29227640	-	T	136	chr2:29227573-29227672
## 5948	chr2 29227641	+	T	113	chr2:29227573-29227672
## 5949	chr2 29227641	-	T	137	chr2:29227573-29227672
## 5950	chr2 29227642	+	T	112	chr2:29227573-29227672
## 5951	chr2 29227642	-	T	138	chr2:29227573-29227672
## 5952	chr2 29227643	+	C	111	chr2:29227573-29227672
## 5953	chr2 29227643	-	C	138	chr2:29227573-29227672
## 5954	chr2 29227643	-	T	1	chr2:29227573-29227672
## 5955	chr2 29227644	+	G	110	chr2:29227573-29227672
## 5956	chr2 29227644	-	G	139	chr2:29227573-29227672
## 5957	chr2 29227644	-	T	1	chr2:29227573-29227672
## 5958	chr2 29227645	+	G	109	chr2:29227573-29227672
## 5959	chr2 29227645	-	G	140	chr2:29227573-29227672
## 5960	chr2 29227646	+	G	108	chr2:29227573-29227672
## 5961	chr2 29227646	-	G	142	chr2:29227573-29227672
## 5962	chr2 29227647	+	G	107	chr2:29227573-29227672

## 5963	chr2 29227647	-	G	143	chr2:29227573-29227672
## 5964	chr2 29227648	+	T	106	chr2:29227573-29227672
## 5965	chr2 29227648	-	T	144	chr2:29227573-29227672
## 5966	chr2 29227649	+	C	105	chr2:29227573-29227672
## 5967	chr2 29227649	-	C	145	chr2:29227573-29227672
## 5968	chr2 29227650	+	A	104	chr2:29227573-29227672
## 5969	chr2 29227650	-	A	146	chr2:29227573-29227672
## 5970	chr2 29227651	+	T	103	chr2:29227573-29227672
## 5971	chr2 29227651	-	T	147	chr2:29227573-29227672
## 5972	chr2 29227652	-	C	1	chr2:29227573-29227672
## 5973	chr2 29227652	+	T	102	chr2:29227573-29227672
## 5974	chr2 29227652	-	T	147	chr2:29227573-29227672
## 5975	chr2 29227653	+	G	100	chr2:29227573-29227672
## 5976	chr2 29227653	-	G	149	chr2:29227573-29227672
## 5977	chr2 29227654	+	T	99	chr2:29227573-29227672
## 5978	chr2 29227654	-	T	149	chr2:29227573-29227672
## 5979	chr2 29227655	+	T	98	chr2:29227573-29227672
## 5980	chr2 29227655	-	T	152	chr2:29227573-29227672
## 5981	chr2 29227656	+	T	96	chr2:29227573-29227672
## 5982	chr2 29227656	-	T	140	chr2:29227573-29227672
## 5983	chr2 29227657	+	G	91	chr2:29227573-29227672
## 5984	chr2 29227657	-	G	144	chr2:29227573-29227672
## 5985	chr2 29227658	+	A	82	chr2:29227573-29227672
## 5986	chr2 29227658	-	A	149	chr2:29227573-29227672
## 5987	chr2 29227659	+	G	77	chr2:29227573-29227672
## 5988	chr2 29227659	-	G	161	chr2:29227573-29227672
## 5989	chr2 29227660	+	G	71	chr2:29227573-29227672
## 5990	chr2 29227660	-	G	151	chr2:29227573-29227672
## 5991	chr2 29227661	+	C	64	chr2:29227573-29227672
## 5992	chr2 29227661	-	C	148	chr2:29227573-29227672
## 5993	chr2 29227662	-	G	2	chr2:29227573-29227672
## 5994	chr2 29227662	+	T	57	chr2:29227573-29227672
## 5995	chr2 29227662	-	T	142	chr2:29227573-29227672
## 5996	chr2 29227663	+	G	51	chr2:29227573-29227672
## 5997	chr2 29227663	-	G	136	chr2:29227573-29227672
## 5998	chr2 29227664	+	C	50	chr2:29227573-29227672
## 5999	chr2 29227664	-	C	138	chr2:29227573-29227672
## 6000	chr2 29227665	+	A	48	chr2:29227573-29227672
## 6001	chr2 29227665	-	A	136	chr2:29227573-29227672
## 6002	chr2 29227666	+	T	39	chr2:29227573-29227672
## 6003	chr2 29227666	-	T	139	chr2:29227573-29227672
## 6004	chr2 29227667	+	T	33	chr2:29227573-29227672
## 6005	chr2 29227667	-	T	136	chr2:29227573-29227672
## 6006	chr2 29227668	+	G	26	chr2:29227573-29227672
## 6007	chr2 29227668	-	G	123	chr2:29227573-29227672
## 6008	chr2 29227669	+	C	23	chr2:29227573-29227672
## 6009	chr2 29227669	-	C	124	chr2:29227573-29227672
## 6010	chr2 29227670	+	C	23	chr2:29227573-29227672
## 6011	chr2 29227670	-	C	120	chr2:29227573-29227672
## 6012	chr2 29227671	-	A	1	chr2:29227573-29227672
## 6013	chr2 29227671	+	G	22	chr2:29227573-29227672
## 6014	chr2 29227671	-	G	118	chr2:29227573-29227672
## 6015	chr2 29227672	+	C	22	chr2:29227573-29227672
## 6016	chr2 29227672	-	C	117	chr2:29227573-29227672

## 6017	chr2 29228883	+	C	227	chr2:29228883-29229066
## 6018	chr2 29228883	-	C	51	chr2:29228883-29229066
## 6019	chr2 29228884	+	C	225	chr2:29228883-29229066
## 6020	chr2 29228884	-	C	52	chr2:29228883-29229066
## 6021	chr2 29228884	+	T	1	chr2:29228883-29229066
## 6022	chr2 29228885	+	T	221	chr2:29228883-29229066
## 6023	chr2 29228885	-	T	53	chr2:29228883-29229066
## 6024	chr2 29228886	+	A	218	chr2:29228883-29229066
## 6025	chr2 29228886	-	A	54	chr2:29228883-29229066
## 6026	chr2 29228886	+	T	1	chr2:29228883-29229066
## 6027	chr2 29228887	+	T	217	chr2:29228883-29229066
## 6028	chr2 29228887	-	T	54	chr2:29228883-29229066
## 6029	chr2 29228888	+	A	215	chr2:29228883-29229066
## 6030	chr2 29228888	-	A	55	chr2:29228883-29229066
## 6031	chr2 29228889	+	T	210	chr2:29228883-29229066
## 6032	chr2 29228889	-	T	56	chr2:29228883-29229066
## 6033	chr2 29228890	+	A	209	chr2:29228883-29229066
## 6034	chr2 29228890	-	A	57	chr2:29228883-29229066
## 6035	chr2 29228891	+	T	203	chr2:29228883-29229066
## 6036	chr2 29228891	-	T	58	chr2:29228883-29229066
## 6037	chr2 29228892	+	C	200	chr2:29228883-29229066
## 6038	chr2 29228892	-	C	59	chr2:29228883-29229066
## 6039	chr2 29228893	+	C	200	chr2:29228883-29229066
## 6040	chr2 29228893	-	C	58	chr2:29228883-29229066
## 6041	chr2 29228894	+	T	187	chr2:29228883-29229066
## 6042	chr2 29228894	-	T	57	chr2:29228883-29229066
## 6043	chr2 29228895	+	C	183	chr2:29228883-29229066
## 6044	chr2 29228895	-	C	58	chr2:29228883-29229066
## 6045	chr2 29228896	+	C	179	chr2:29228883-29229066
## 6046	chr2 29228896	-	C	59	chr2:29228883-29229066
## 6047	chr2 29228897	+	G	172	chr2:29228883-29229066
## 6048	chr2 29228897	-	G	58	chr2:29228883-29229066
## 6049	chr2 29228898	+	C	172	chr2:29228883-29229066
## 6050	chr2 29228898	-	C	63	chr2:29228883-29229066
## 6051	chr2 29228899	+	C	168	chr2:29228883-29229066
## 6052	chr2 29228899	-	C	65	chr2:29228883-29229066
## 6053	chr2 29228900	+	T	161	chr2:29228883-29229066
## 6054	chr2 29228900	-	T	68	chr2:29228883-29229066
## 6055	chr2 29228901	+	C	155	chr2:29228883-29229066
## 6056	chr2 29228901	-	C	67	chr2:29228883-29229066
## 6057	chr2 29228901	+	T	1	chr2:29228883-29229066
## 6058	chr2 29228902	+	C	149	chr2:29228883-29229066
## 6059	chr2 29228902	-	C	68	chr2:29228883-29229066
## 6060	chr2 29228903	+	T	145	chr2:29228883-29229066
## 6061	chr2 29228903	-	T	68	chr2:29228883-29229066
## 6062	chr2 29228904	+	C	142	chr2:29228883-29229066
## 6063	chr2 29228904	-	C	67	chr2:29228883-29229066
## 6064	chr2 29228905	+	C	140	chr2:29228883-29229066
## 6065	chr2 29228905	-	C	67	chr2:29228883-29229066
## 6066	chr2 29228906	+	A	129	chr2:29228883-29229066
## 6067	chr2 29228906	-	A	67	chr2:29228883-29229066
## 6068	chr2 29228906	+	C	5	chr2:29228883-29229066
## 6069	chr2 29228907	+	C	132	chr2:29228883-29229066
## 6070	chr2 29228907	-	C	69	chr2:29228883-29229066

## 6071	chr2 29228908	+	C	126	chr2:29228883-29229066
## 6072	chr2 29228908	-	C	69	chr2:29228883-29229066
## 6073	chr2 29228909	+	T	126	chr2:29228883-29229066
## 6074	chr2 29228909	-	T	70	chr2:29228883-29229066
## 6075	chr2 29228910	+	G	121	chr2:29228883-29229066
## 6076	chr2 29228910	-	G	70	chr2:29228883-29229066
## 6077	chr2 29228911	+	A	111	chr2:29228883-29229066
## 6078	chr2 29228911	-	A	71	chr2:29228883-29229066
## 6079	chr2 29228911	+	C	3	chr2:29228883-29229066
## 6080	chr2 29228912	+	G	107	chr2:29228883-29229066
## 6081	chr2 29228912	-	G	74	chr2:29228883-29229066
## 6082	chr2 29228913	+	G	107	chr2:29228883-29229066
## 6083	chr2 29228913	-	G	71	chr2:29228883-29229066
## 6084	chr2 29228914	+	A	100	chr2:29228883-29229066
## 6085	chr2 29228914	-	A	72	chr2:29228883-29229066
## 6086	chr2 29228914	+	C	2	chr2:29228883-29229066
## 6087	chr2 29228915	-	C	1	chr2:29228883-29229066
## 6088	chr2 29228915	+	G	97	chr2:29228883-29229066
## 6089	chr2 29228915	-	G	81	chr2:29228883-29229066
## 6090	chr2 29228916	-	A	1	chr2:29228883-29229066
## 6091	chr2 29228916	+	C	88	chr2:29228883-29229066
## 6092	chr2 29228916	-	C	78	chr2:29228883-29229066
## 6093	chr2 29228916	-	G	1	chr2:29228883-29229066
## 6094	chr2 29228917	+	A	12	chr2:29228883-29229066
## 6095	chr2 29228917	-	A	84	chr2:29228883-29229066
## 6096	chr2 29228917	+	C	4	chr2:29228883-29229066
## 6097	chr2 29228917	-	C	1	chr2:29228883-29229066
## 6098	chr2 29228917	+	G	10	chr2:29228883-29229066
## 6099	chr2 29228918	+	C	20	chr2:29228883-29229066
## 6100	chr2 29228918	-	C	86	chr2:29228883-29229066
## 6101	chr2 29228918	+	G	5	chr2:29228883-29229066
## 6102	chr2 29228919	+	C	15	chr2:29228883-29229066
## 6103	chr2 29228919	-	C	86	chr2:29228883-29229066
## 6104	chr2 29228919	+	G	2	chr2:29228883-29229066
## 6105	chr2 29228920	+	C	9	chr2:29228883-29229066
## 6106	chr2 29228920	-	C	86	chr2:29228883-29229066
## 6107	chr2 29228921	-	A	1	chr2:29228883-29229066
## 6108	chr2 29228921	+	C	8	chr2:29228883-29229066
## 6109	chr2 29228921	-	C	86	chr2:29228883-29229066
## 6110	chr2 29228922	+	C	7	chr2:29228883-29229066
## 6111	chr2 29228922	-	C	87	chr2:29228883-29229066
## 6112	chr2 29228923	+	C	7	chr2:29228883-29229066
## 6113	chr2 29228923	-	C	86	chr2:29228883-29229066
## 6114	chr2 29228924	+	G	1	chr2:29228883-29229066
## 6115	chr2 29228924	+	T	1	chr2:29228883-29229066
## 6116	chr2 29228924	-	T	84	chr2:29228883-29229066
## 6117	chr2 29228925	+	C	2	chr2:29228883-29229066
## 6118	chr2 29228925	-	C	85	chr2:29228883-29229066
## 6119	chr2 29228926	+	C	4	chr2:29228883-29229066
## 6120	chr2 29228926	-	C	84	chr2:29228883-29229066
## 6121	chr2 29228927	+	A	4	chr2:29228883-29229066
## 6122	chr2 29228927	-	A	81	chr2:29228883-29229066
## 6123	chr2 29228928	+	C	6	chr2:29228883-29229066
## 6124	chr2 29228928	-	C	80	chr2:29228883-29229066

## 6125	chr2 29228929	+	C	6	chr2:29228883-29229066
## 6126	chr2 29228929	-	C	83	chr2:29228883-29229066
## 6127	chr2 29228930	+	C	15	chr2:29228883-29229066
## 6128	chr2 29228930	-	C	82	chr2:29228883-29229066
## 6129	chr2 29228931	+	C	20	chr2:29228883-29229066
## 6130	chr2 29228931	-	C	83	chr2:29228883-29229066
## 6131	chr2 29228932	+	C	23	chr2:29228883-29229066
## 6132	chr2 29228932	-	C	83	chr2:29228883-29229066
## 6133	chr2 29228932	-	T	1	chr2:29228883-29229066
## 6134	chr2 29228933	+	T	33	chr2:29228883-29229066
## 6135	chr2 29228933	-	T	87	chr2:29228883-29229066
## 6136	chr2 29228934	+	C	39	chr2:29228883-29229066
## 6137	chr2 29228934	-	C	90	chr2:29228883-29229066
## 6138	chr2 29228935	+	C	42	chr2:29228883-29229066
## 6139	chr2 29228935	-	C	89	chr2:29228883-29229066
## 6140	chr2 29228936	+	G	53	chr2:29228883-29229066
## 6141	chr2 29228936	-	G	91	chr2:29228883-29229066
## 6142	chr2 29228937	+	A	59	chr2:29228883-29229066
## 6143	chr2 29228937	-	A	92	chr2:29228883-29229066
## 6144	chr2 29228938	+	A	73	chr2:29228883-29229066
## 6145	chr2 29228938	-	A	92	chr2:29228883-29229066
## 6146	chr2 29228939	+	A	85	chr2:29228883-29229066
## 6147	chr2 29228939	-	A	94	chr2:29228883-29229066
## 6148	chr2 29228939	+	C	2	chr2:29228883-29229066
## 6149	chr2 29228940	+	C	104	chr2:29228883-29229066
## 6150	chr2 29228940	-	C	94	chr2:29228883-29229066
## 6151	chr2 29228941	+	C	118	chr2:29228883-29229066
## 6152	chr2 29228941	-	C	95	chr2:29228883-29229066
## 6153	chr2 29228942	+	C	123	chr2:29228883-29229066
## 6154	chr2 29228942	-	C	98	chr2:29228883-29229066
## 6155	chr2 29228943	+	C	131	chr2:29228883-29229066
## 6156	chr2 29228943	-	C	99	chr2:29228883-29229066
## 6157	chr2 29228944	+	C	141	chr2:29228883-29229066
## 6158	chr2 29228944	-	C	101	chr2:29228883-29229066
## 6159	chr2 29228945	+	T	147	chr2:29228883-29229066
## 6160	chr2 29228945	-	T	98	chr2:29228883-29229066
## 6161	chr2 29228946	+	C	153	chr2:29228883-29229066
## 6162	chr2 29228946	-	C	98	chr2:29228883-29229066
## 6163	chr2 29228947	+	T	154	chr2:29228883-29229066
## 6164	chr2 29228947	-	T	98	chr2:29228883-29229066
## 6165	chr2 29228948	+	T	155	chr2:29228883-29229066
## 6166	chr2 29228948	-	T	98	chr2:29228883-29229066
## 6167	chr2 29228949	+	G	156	chr2:29228883-29229066
## 6168	chr2 29228949	-	G	98	chr2:29228883-29229066
## 6169	chr2 29228950	+	T	157	chr2:29228883-29229066
## 6170	chr2 29228950	-	T	98	chr2:29228883-29229066
## 6171	chr2 29228951	+	C	158	chr2:29228883-29229066
## 6172	chr2 29228951	-	C	97	chr2:29228883-29229066
## 6173	chr2 29228952	+	T	159	chr2:29228883-29229066
## 6174	chr2 29228952	-	T	97	chr2:29228883-29229066
## 6175	chr2 29228953	-	-	1	chr2:29228883-29229066
## 6176	chr2 29228953	+	C	160	chr2:29228883-29229066
## 6177	chr2 29228953	-	C	95	chr2:29228883-29229066
## 6178	chr2 29228954	+	C	161	chr2:29228883-29229066

## 6179	chr2 29228954	-	C	96	chr2:29228883-29229066
## 6180	chr2 29228955	+	C	162	chr2:29228883-29229066
## 6181	chr2 29228955	-	C	96	chr2:29228883-29229066
## 6182	chr2 29228956	+	A	163	chr2:29228883-29229066
## 6183	chr2 29228956	-	A	94	chr2:29228883-29229066
## 6184	chr2 29228957	+	C	164	chr2:29228883-29229066
## 6185	chr2 29228957	-	C	93	chr2:29228883-29229066
## 6186	chr2 29228958	+	A	1	chr2:29228883-29229066
## 6187	chr2 29228958	+	C	164	chr2:29228883-29229066
## 6188	chr2 29228958	-	C	91	chr2:29228883-29229066
## 6189	chr2 29228959	+	C	166	chr2:29228883-29229066
## 6190	chr2 29228959	-	C	88	chr2:29228883-29229066
## 6191	chr2 29228960	+	C	167	chr2:29228883-29229066
## 6192	chr2 29228960	-	C	87	chr2:29228883-29229066
## 6193	chr2 29228961	+	C	168	chr2:29228883-29229066
## 6194	chr2 29228961	-	C	85	chr2:29228883-29229066
## 6195	chr2 29228962	+	A	168	chr2:29228883-29229066
## 6196	chr2 29228962	-	A	85	chr2:29228883-29229066
## 6197	chr2 29228962	+	C	1	chr2:29228883-29229066
## 6198	chr2 29228963	+	C	170	chr2:29228883-29229066
## 6199	chr2 29228963	-	C	85	chr2:29228883-29229066
## 6200	chr2 29228964	+	A	2	chr2:29228883-29229066
## 6201	chr2 29228964	+	T	169	chr2:29228883-29229066
## 6202	chr2 29228964	-	T	83	chr2:29228883-29229066
## 6203	chr2 29228965	+	T	172	chr2:29228883-29229066
## 6204	chr2 29228965	-	T	83	chr2:29228883-29229066
## 6205	chr2 29228966	+	C	171	chr2:29228883-29229066
## 6206	chr2 29228966	-	C	82	chr2:29228883-29229066
## 6207	chr2 29228966	+	T	1	chr2:29228883-29229066
## 6208	chr2 29228967	+	T	172	chr2:29228883-29229066
## 6209	chr2 29228967	-	T	81	chr2:29228883-29229066
## 6210	chr2 29228968	+	T	173	chr2:29228883-29229066
## 6211	chr2 29228968	-	T	80	chr2:29228883-29229066
## 6212	chr2 29228969	+	C	174	chr2:29228883-29229066
## 6213	chr2 29228969	-	C	78	chr2:29228883-29229066
## 6214	chr2 29228970	+	A	175	chr2:29228883-29229066
## 6215	chr2 29228970	-	A	78	chr2:29228883-29229066
## 6216	chr2 29228971	+	T	176	chr2:29228883-29229066
## 6217	chr2 29228971	-	T	76	chr2:29228883-29229066
## 6218	chr2 29228972	+	A	1	chr2:29228883-29229066
## 6219	chr2 29228972	+	G	176	chr2:29228883-29229066
## 6220	chr2 29228972	-	G	76	chr2:29228883-29229066
## 6221	chr2 29228973	+	G	178	chr2:29228883-29229066
## 6222	chr2 29228973	-	G	71	chr2:29228883-29229066
## 6223	chr2 29228974	+	C	180	chr2:29228883-29229066
## 6224	chr2 29228974	-	C	71	chr2:29228883-29229066
## 6225	chr2 29228975	+	C	181	chr2:29228883-29229066
## 6226	chr2 29228975	-	C	70	chr2:29228883-29229066
## 6227	chr2 29228976	+	G	2	chr2:29228883-29229066
## 6228	chr2 29228976	+	T	179	chr2:29228883-29229066
## 6229	chr2 29228976	-	T	70	chr2:29228883-29229066
## 6230	chr2 29228977	+	G	182	chr2:29228883-29229066
## 6231	chr2 29228977	-	G	69	chr2:29228883-29229066
## 6232	chr2 29228978	+	G	182	chr2:29228883-29229066

## 6233	chr2 29228978	-	G	69	chr2:29228883-29229066
## 6234	chr2 29228979	+	G	183	chr2:29228883-29229066
## 6235	chr2 29228979	-	G	69	chr2:29228883-29229066
## 6236	chr2 29228980	+	G	184	chr2:29228883-29229066
## 6237	chr2 29228980	-	G	68	chr2:29228883-29229066
## 6238	chr2 29228981	+	G	185	chr2:29228883-29229066
## 6239	chr2 29228981	-	G	67	chr2:29228883-29229066
## 6240	chr2 29228982	+	C	185	chr2:29228883-29229066
## 6241	chr2 29228982	-	C	66	chr2:29228883-29229066
## 6242	chr2 29228983	+	A	186	chr2:29228883-29229066
## 6243	chr2 29228983	-	A	66	chr2:29228883-29229066
## 6244	chr2 29228984	+	G	187	chr2:29228883-29229066
## 6245	chr2 29228984	-	G	64	chr2:29228883-29229066
## 6246	chr2 29228985	+	G	187	chr2:29228883-29229066
## 6247	chr2 29228985	-	G	64	chr2:29228883-29229066
## 6248	chr2 29228985	+	T	1	chr2:29228883-29229066
## 6249	chr2 29228986	+	A	189	chr2:29228883-29229066
## 6250	chr2 29228986	-	A	64	chr2:29228883-29229066
## 6251	chr2 29228987	+	A	190	chr2:29228883-29229066
## 6252	chr2 29228987	-	A	61	chr2:29228883-29229066
## 6253	chr2 29228988	+	T	190	chr2:29228883-29229066
## 6254	chr2 29228988	-	T	61	chr2:29228883-29229066
## 6255	chr2 29228989	-	A	1	chr2:29228883-29229066
## 6256	chr2 29228989	+	C	1	chr2:29228883-29229066
## 6257	chr2 29228989	+	G	189	chr2:29228883-29229066
## 6258	chr2 29228989	-	G	59	chr2:29228883-29229066
## 6259	chr2 29228990	+	T	191	chr2:29228883-29229066
## 6260	chr2 29228990	-	T	50	chr2:29228883-29229066
## 6261	chr2 29228991	+	C	192	chr2:29228883-29229066
## 6262	chr2 29228991	-	C	56	chr2:29228883-29229066
## 6263	chr2 29228992	+	C	195	chr2:29228883-29229066
## 6264	chr2 29228992	-	C	55	chr2:29228883-29229066
## 6265	chr2 29228993	+	T	196	chr2:29228883-29229066
## 6266	chr2 29228993	-	T	53	chr2:29228883-29229066
## 6267	chr2 29228994	+	C	197	chr2:29228883-29229066
## 6268	chr2 29228994	-	C	53	chr2:29228883-29229066
## 6269	chr2 29228995	+	C	197	chr2:29228883-29229066
## 6270	chr2 29228995	-	C	51	chr2:29228883-29229066
## 6271	chr2 29228995	+	T	1	chr2:29228883-29229066
## 6272	chr2 29228996	+	G	197	chr2:29228883-29229066
## 6273	chr2 29228996	-	G	50	chr2:29228883-29229066
## 6274	chr2 29228997	+	C	1	chr2:29228883-29229066
## 6275	chr2 29228997	+	G	199	chr2:29228883-29229066
## 6276	chr2 29228997	-	G	47	chr2:29228883-29229066
## 6277	chr2 29228998	+	T	203	chr2:29228883-29229066
## 6278	chr2 29228998	-	T	45	chr2:29228883-29229066
## 6279	chr2 29228999	+	G	203	chr2:29228883-29229066
## 6280	chr2 29228999	-	G	47	chr2:29228883-29229066
## 6281	chr2 29228999	-	T	1	chr2:29228883-29229066
## 6282	chr2 29229000	+	G	204	chr2:29228883-29229066
## 6283	chr2 29229000	-	G	47	chr2:29228883-29229066
## 6284	chr2 29229001	+	C	203	chr2:29228883-29229066
## 6285	chr2 29229001	-	C	45	chr2:29228883-29229066
## 6286	chr2 29229002	+	A	204	chr2:29228883-29229066

## 6287	chr2 29229002	-	A	45	chr2:29228883-29229066
## 6288	chr2 29229002	+	C	1	chr2:29228883-29229066
## 6289	chr2 29229003	+	C	205	chr2:29228883-29229066
## 6290	chr2 29229003	-	C	42	chr2:29228883-29229066
## 6291	chr2 29229004	+	A	1	chr2:29228883-29229066
## 6292	chr2 29229004	+	C	207	chr2:29228883-29229066
## 6293	chr2 29229004	-	C	38	chr2:29228883-29229066
## 6294	chr2 29229004	-	T	1	chr2:29228883-29229066
## 6295	chr2 29229005	+	C	204	chr2:29228883-29229066
## 6296	chr2 29229005	-	C	38	chr2:29228883-29229066
## 6297	chr2 29229006	+	G	1	chr2:29228883-29229066
## 6298	chr2 29229006	+	T	207	chr2:29228883-29229066
## 6299	chr2 29229006	-	T	36	chr2:29228883-29229066
## 6300	chr2 29229007	+	C	213	chr2:29228883-29229066
## 6301	chr2 29229007	-	C	36	chr2:29228883-29229066
## 6302	chr2 29229008	+	C	205	chr2:29228883-29229066
## 6303	chr2 29229008	-	C	32	chr2:29228883-29229066
## 6304	chr2 29229009	+	T	204	chr2:29228883-29229066
## 6305	chr2 29229009	-	T	31	chr2:29228883-29229066
## 6306	chr2 29229010	+	G	211	chr2:29228883-29229066
## 6307	chr2 29229010	-	G	38	chr2:29228883-29229066
## 6308	chr2 29229011	+	C	207	chr2:29228883-29229066
## 6309	chr2 29229011	-	C	31	chr2:29228883-29229066
## 6310	chr2 29229012	+	A	210	chr2:29228883-29229066
## 6311	chr2 29229012	-	A	33	chr2:29228883-29229066
## 6312	chr2 29229013	+	A	205	chr2:29228883-29229066
## 6313	chr2 29229013	-	A	33	chr2:29228883-29229066
## 6314	chr2 29229014	+	A	202	chr2:29228883-29229066
## 6315	chr2 29229014	-	A	34	chr2:29228883-29229066
## 6316	chr2 29229014	+	T	1	chr2:29228883-29229066
## 6317	chr2 29229015	+	G	194	chr2:29228883-29229066
## 6318	chr2 29229015	-	G	41	chr2:29228883-29229066
## 6319	chr2 29229016	+	A	187	chr2:29228883-29229066
## 6320	chr2 29229016	-	A	48	chr2:29228883-29229066
## 6321	chr2 29229016	+	C	1	chr2:29228883-29229066
## 6322	chr2 29229017	+	T	199	chr2:29228883-29229066
## 6323	chr2 29229017	-	T	44	chr2:29228883-29229066
## 6324	chr2 29229018	+	T	194	chr2:29228883-29229066
## 6325	chr2 29229018	-	T	48	chr2:29228883-29229066
## 6326	chr2 29229019	+	T	191	chr2:29228883-29229066
## 6327	chr2 29229019	-	T	48	chr2:29228883-29229066
## 6328	chr2 29229020	+	A	1	chr2:29228883-29229066
## 6329	chr2 29229020	+	T	187	chr2:29228883-29229066
## 6330	chr2 29229020	-	T	56	chr2:29228883-29229066
## 6331	chr2 29229021	+	C	189	chr2:29228883-29229066
## 6332	chr2 29229021	-	C	57	chr2:29228883-29229066
## 6333	chr2 29229022	+	C	192	chr2:29228883-29229066
## 6334	chr2 29229022	-	C	55	chr2:29228883-29229066
## 6335	chr2 29229022	+	T	1	chr2:29228883-29229066
## 6336	chr2 29229022	-	T	2	chr2:29228883-29229066
## 6337	chr2 29229023	+	G	193	chr2:29228883-29229066
## 6338	chr2 29229023	-	G	57	chr2:29228883-29229066
## 6339	chr2 29229024	+	G	193	chr2:29228883-29229066
## 6340	chr2 29229024	-	G	57	chr2:29228883-29229066

## 6341	chr2 29229025	+	-	1	chr2:29228883-29229066
## 6342	chr2 29229025	+	C	192	chr2:29228883-29229066
## 6343	chr2 29229025	-	C	57	chr2:29228883-29229066
## 6344	chr2 29229026	+	C	193	chr2:29228883-29229066
## 6345	chr2 29229026	-	C	57	chr2:29228883-29229066
## 6346	chr2 29229027	+	C	193	chr2:29228883-29229066
## 6347	chr2 29229027	-	C	57	chr2:29228883-29229066
## 6348	chr2 29229028	+	A	191	chr2:29228883-29229066
## 6349	chr2 29229028	-	A	58	chr2:29228883-29229066
## 6350	chr2 29229029	+	G	189	chr2:29228883-29229066
## 6351	chr2 29229029	-	G	59	chr2:29228883-29229066
## 6352	chr2 29229029	+	T	2	chr2:29228883-29229066
## 6353	chr2 29229030	+	A	189	chr2:29228883-29229066
## 6354	chr2 29229030	-	A	60	chr2:29228883-29229066
## 6355	chr2 29229031	+	G	190	chr2:29228883-29229066
## 6356	chr2 29229031	-	G	61	chr2:29228883-29229066
## 6357	chr2 29229032	+	C	190	chr2:29228883-29229066
## 6358	chr2 29229032	-	C	61	chr2:29228883-29229066
## 6359	chr2 29229033	+	A	190	chr2:29228883-29229066
## 6360	chr2 29229033	-	A	61	chr2:29228883-29229066
## 6361	chr2 29229034	+	A	190	chr2:29228883-29229066
## 6362	chr2 29229034	-	A	61	chr2:29228883-29229066
## 6363	chr2 29229035	+	G	189	chr2:29228883-29229066
## 6364	chr2 29229035	-	G	62	chr2:29228883-29229066
## 6365	chr2 29229036	+	G	189	chr2:29228883-29229066
## 6366	chr2 29229036	-	G	62	chr2:29228883-29229066
## 6367	chr2 29229037	+	A	189	chr2:29228883-29229066
## 6368	chr2 29229037	-	A	62	chr2:29228883-29229066
## 6369	chr2 29229038	+	A	189	chr2:29228883-29229066
## 6370	chr2 29229038	-	A	62	chr2:29228883-29229066
## 6371	chr2 29229039	+	G	188	chr2:29228883-29229066
## 6372	chr2 29229039	-	G	63	chr2:29228883-29229066
## 6373	chr2 29229040	+	T	187	chr2:29228883-29229066
## 6374	chr2 29229040	-	T	64	chr2:29228883-29229066
## 6375	chr2 29229041	+	G	187	chr2:29228883-29229066
## 6376	chr2 29229041	-	G	64	chr2:29228883-29229066
## 6377	chr2 29229042	+	T	187	chr2:29228883-29229066
## 6378	chr2 29229042	-	T	64	chr2:29228883-29229066
## 6379	chr2 29229043	+	T	186	chr2:29228883-29229066
## 6380	chr2 29229043	-	T	65	chr2:29228883-29229066
## 6381	chr2 29229044	+	A	185	chr2:29228883-29229066
## 6382	chr2 29229044	-	A	66	chr2:29228883-29229066
## 6383	chr2 29229045	+	T	184	chr2:29228883-29229066
## 6384	chr2 29229045	-	T	67	chr2:29228883-29229066
## 6385	chr2 29229046	+	C	184	chr2:29228883-29229066
## 6386	chr2 29229046	-	C	67	chr2:29228883-29229066
## 6387	chr2 29229047	+	A	183	chr2:29228883-29229066
## 6388	chr2 29229047	-	A	68	chr2:29228883-29229066
## 6389	chr2 29229048	+	T	183	chr2:29228883-29229066
## 6390	chr2 29229048	-	T	68	chr2:29228883-29229066
## 6391	chr2 29229049	+	T	182	chr2:29228883-29229066
## 6392	chr2 29229049	-	T	69	chr2:29228883-29229066
## 6393	chr2 29229050	+	C	181	chr2:29228883-29229066
## 6394	chr2 29229050	-	C	70	chr2:29228883-29229066

## 6395	chr2 29229051	+	C	180	chr2:29228883-29229066
## 6396	chr2 29229051	-	C	71	chr2:29228883-29229066
## 6397	chr2 29229052	+	A	179	chr2:29228883-29229066
## 6398	chr2 29229052	-	A	72	chr2:29228883-29229066
## 6399	chr2 29229053	+	G	178	chr2:29228883-29229066
## 6400	chr2 29229053	-	G	72	chr2:29228883-29229066
## 6401	chr2 29229054	+	C	177	chr2:29228883-29229066
## 6402	chr2 29229054	-	C	73	chr2:29228883-29229066
## 6403	chr2 29229055	+	C	176	chr2:29228883-29229066
## 6404	chr2 29229055	-	C	74	chr2:29228883-29229066
## 6405	chr2 29229056	+	A	174	chr2:29228883-29229066
## 6406	chr2 29229056	-	A	75	chr2:29228883-29229066
## 6407	chr2 29229057	+	C	173	chr2:29228883-29229066
## 6408	chr2 29229057	-	C	77	chr2:29228883-29229066
## 6409	chr2 29229058	+	C	173	chr2:29228883-29229066
## 6410	chr2 29229058	-	C	77	chr2:29228883-29229066
## 6411	chr2 29229059	+	T	172	chr2:29228883-29229066
## 6412	chr2 29229059	-	T	78	chr2:29228883-29229066
## 6413	chr2 29229060	+	C	171	chr2:29228883-29229066
## 6414	chr2 29229060	-	C	79	chr2:29228883-29229066
## 6415	chr2 29229061	+	C	170	chr2:29228883-29229066
## 6416	chr2 29229061	-	C	80	chr2:29228883-29229066
## 6417	chr2 29229062	+	A	169	chr2:29228883-29229066
## 6418	chr2 29229062	-	A	81	chr2:29228883-29229066
## 6419	chr2 29229063	+	C	168	chr2:29228883-29229066
## 6420	chr2 29229063	-	C	82	chr2:29228883-29229066
## 6421	chr2 29229064	+	C	167	chr2:29228883-29229066
## 6422	chr2 29229064	-	C	83	chr2:29228883-29229066
## 6423	chr2 29229065	+	A	166	chr2:29228883-29229066
## 6424	chr2 29229065	-	A	84	chr2:29228883-29229066
## 6425	chr2 29229066	+	C	164	chr2:29228883-29229066
## 6426	chr2 29229066	-	C	79	chr2:29228883-29229066
## 6427	chr2 29232303	+	C	220	chr2:29232303-29232448
## 6428	chr2 29232303	-	C	81	chr2:29232303-29232448
## 6429	chr2 29232303	+	T	1	chr2:29232303-29232448
## 6430	chr2 29232304	+	C	218	chr2:29232303-29232448
## 6431	chr2 29232304	-	C	81	chr2:29232303-29232448
## 6432	chr2 29232305	+	T	210	chr2:29232303-29232448
## 6433	chr2 29232305	-	T	79	chr2:29232303-29232448
## 6434	chr2 29232306	+	G	207	chr2:29232303-29232448
## 6435	chr2 29232306	-	G	77	chr2:29232303-29232448
## 6436	chr2 29232307	+	C	204	chr2:29232303-29232448
## 6437	chr2 29232307	-	C	76	chr2:29232303-29232448
## 6438	chr2 29232308	-	A	1	chr2:29232303-29232448
## 6439	chr2 29232308	+	G	200	chr2:29232303-29232448
## 6440	chr2 29232308	-	G	72	chr2:29232303-29232448
## 6441	chr2 29232309	+	G	197	chr2:29232303-29232448
## 6442	chr2 29232309	-	G	72	chr2:29232303-29232448
## 6443	chr2 29232310	+	C	192	chr2:29232303-29232448
## 6444	chr2 29232310	-	C	68	chr2:29232303-29232448
## 6445	chr2 29232311	+	T	187	chr2:29232303-29232448
## 6446	chr2 29232311	-	T	64	chr2:29232303-29232448
## 6447	chr2 29232312	+	C	177	chr2:29232303-29232448
## 6448	chr2 29232312	-	C	62	chr2:29232303-29232448

## 6449	chr2 29232313	+	C	169	chr2:29232303-29232448
## 6450	chr2 29232313	-	C	64	chr2:29232303-29232448
## 6451	chr2 29232314	+	A	1	chr2:29232303-29232448
## 6452	chr2 29232314	+	G	164	chr2:29232303-29232448
## 6453	chr2 29232314	-	G	64	chr2:29232303-29232448
## 6454	chr2 29232315	+	G	177	chr2:29232303-29232448
## 6455	chr2 29232315	-	G	63	chr2:29232303-29232448
## 6456	chr2 29232316	+	A	177	chr2:29232303-29232448
## 6457	chr2 29232316	-	A	67	chr2:29232303-29232448
## 6458	chr2 29232316	-	T	1	chr2:29232303-29232448
## 6459	chr2 29232317	+	A	181	chr2:29232303-29232448
## 6460	chr2 29232317	-	A	66	chr2:29232303-29232448
## 6461	chr2 29232317	-	T	1	chr2:29232303-29232448
## 6462	chr2 29232318	+	A	1	chr2:29232303-29232448
## 6463	chr2 29232318	+	T	175	chr2:29232303-29232448
## 6464	chr2 29232318	-	T	63	chr2:29232303-29232448
## 6465	chr2 29232319	+	G	1	chr2:29232303-29232448
## 6466	chr2 29232319	+	T	176	chr2:29232303-29232448
## 6467	chr2 29232319	-	T	67	chr2:29232303-29232448
## 6468	chr2 29232320	+	A	1	chr2:29232303-29232448
## 6469	chr2 29232320	+	C	1	chr2:29232303-29232448
## 6470	chr2 29232320	+	G	173	chr2:29232303-29232448
## 6471	chr2 29232320	-	G	64	chr2:29232303-29232448
## 6472	chr2 29232320	+	T	2	chr2:29232303-29232448
## 6473	chr2 29232320	-	T	1	chr2:29232303-29232448
## 6474	chr2 29232321	+	C	164	chr2:29232303-29232448
## 6475	chr2 29232321	-	C	61	chr2:29232303-29232448
## 6476	chr2 29232321	+	T	1	chr2:29232303-29232448
## 6477	chr2 29232322	+	C	170	chr2:29232303-29232448
## 6478	chr2 29232322	-	C	63	chr2:29232303-29232448
## 6479	chr2 29232322	+	T	3	chr2:29232303-29232448
## 6480	chr2 29232323	+	G	161	chr2:29232303-29232448
## 6481	chr2 29232323	-	G	64	chr2:29232303-29232448
## 6482	chr2 29232324	-	G	1	chr2:29232303-29232448
## 6483	chr2 29232324	+	T	175	chr2:29232303-29232448
## 6484	chr2 29232324	-	T	71	chr2:29232303-29232448
## 6485	chr2 29232325	+	T	177	chr2:29232303-29232448
## 6486	chr2 29232325	-	T	65	chr2:29232303-29232448
## 6487	chr2 29232326	+	T	174	chr2:29232303-29232448
## 6488	chr2 29232326	-	T	57	chr2:29232303-29232448
## 6489	chr2 29232327	+	A	172	chr2:29232303-29232448
## 6490	chr2 29232327	-	A	63	chr2:29232303-29232448
## 6491	chr2 29232328	+	G	179	chr2:29232303-29232448
## 6492	chr2 29232328	-	G	71	chr2:29232303-29232448
## 6493	chr2 29232329	+	C	179	chr2:29232303-29232448
## 6494	chr2 29232329	-	C	71	chr2:29232303-29232448
## 6495	chr2 29232330	+	C	179	chr2:29232303-29232448
## 6496	chr2 29232330	-	C	71	chr2:29232303-29232448
## 6497	chr2 29232331	+	C	179	chr2:29232303-29232448
## 6498	chr2 29232331	-	C	71	chr2:29232303-29232448
## 6499	chr2 29232332	+	T	179	chr2:29232303-29232448
## 6500	chr2 29232332	-	T	71	chr2:29232303-29232448
## 6501	chr2 29232333	+	A	179	chr2:29232303-29232448
## 6502	chr2 29232333	-	A	71	chr2:29232303-29232448

## 6503	chr2 29232334	+	G	179	chr2:29232303-29232448
## 6504	chr2 29232334	-	G	71	chr2:29232303-29232448
## 6505	chr2 29232335	+	A	179	chr2:29232303-29232448
## 6506	chr2 29232335	-	A	71	chr2:29232303-29232448
## 6507	chr2 29232336	+	A	179	chr2:29232303-29232448
## 6508	chr2 29232336	-	A	71	chr2:29232303-29232448
## 6509	chr2 29232337	+	C	179	chr2:29232303-29232448
## 6510	chr2 29232337	-	C	70	chr2:29232303-29232448
## 6511	chr2 29232337	-	G	1	chr2:29232303-29232448
## 6512	chr2 29232338	+	C	179	chr2:29232303-29232448
## 6513	chr2 29232338	-	C	71	chr2:29232303-29232448
## 6514	chr2 29232339	+	G	179	chr2:29232303-29232448
## 6515	chr2 29232339	-	G	71	chr2:29232303-29232448
## 6516	chr2 29232340	+	A	179	chr2:29232303-29232448
## 6517	chr2 29232340	-	A	71	chr2:29232303-29232448
## 6518	chr2 29232341	+	G	179	chr2:29232303-29232448
## 6519	chr2 29232341	-	G	71	chr2:29232303-29232448
## 6520	chr2 29232342	+	G	179	chr2:29232303-29232448
## 6521	chr2 29232342	-	G	71	chr2:29232303-29232448
## 6522	chr2 29232343	+	A	180	chr2:29232303-29232448
## 6523	chr2 29232343	-	A	70	chr2:29232303-29232448
## 6524	chr2 29232344	+	G	180	chr2:29232303-29232448
## 6525	chr2 29232344	-	G	70	chr2:29232303-29232448
## 6526	chr2 29232345	+	T	180	chr2:29232303-29232448
## 6527	chr2 29232345	-	T	70	chr2:29232303-29232448
## 6528	chr2 29232346	+	A	1	chr2:29232303-29232448
## 6529	chr2 29232346	+	T	179	chr2:29232303-29232448
## 6530	chr2 29232346	-	T	70	chr2:29232303-29232448
## 6531	chr2 29232347	+	A	179	chr2:29232303-29232448
## 6532	chr2 29232347	-	A	70	chr2:29232303-29232448
## 6533	chr2 29232347	+	T	1	chr2:29232303-29232448
## 6534	chr2 29232348	+	C	1	chr2:29232303-29232448
## 6535	chr2 29232348	+	T	180	chr2:29232303-29232448
## 6536	chr2 29232348	-	T	69	chr2:29232303-29232448
## 6537	chr2 29232349	+	T	180	chr2:29232303-29232448
## 6538	chr2 29232349	-	T	69	chr2:29232303-29232448
## 6539	chr2 29232350	+	C	181	chr2:29232303-29232448
## 6540	chr2 29232350	-	C	69	chr2:29232303-29232448
## 6541	chr2 29232351	+	T	181	chr2:29232303-29232448
## 6542	chr2 29232351	-	T	69	chr2:29232303-29232448
## 6543	chr2 29232352	+	C	181	chr2:29232303-29232448
## 6544	chr2 29232352	-	C	69	chr2:29232303-29232448
## 6545	chr2 29232353	+	C	181	chr2:29232303-29232448
## 6546	chr2 29232353	-	C	69	chr2:29232303-29232448
## 6547	chr2 29232354	+	A	181	chr2:29232303-29232448
## 6548	chr2 29232354	-	A	69	chr2:29232303-29232448
## 6549	chr2 29232355	+	G	181	chr2:29232303-29232448
## 6550	chr2 29232355	-	G	69	chr2:29232303-29232448
## 6551	chr2 29232356	+	A	1	chr2:29232303-29232448
## 6552	chr2 29232356	+	T	180	chr2:29232303-29232448
## 6553	chr2 29232356	-	T	69	chr2:29232303-29232448
## 6554	chr2 29232357	+	C	181	chr2:29232303-29232448
## 6555	chr2 29232357	-	C	69	chr2:29232303-29232448
## 6556	chr2 29232358	+	A	1	chr2:29232303-29232448

## 6557	chr2	29232358	+	T	180	chr2:29232303-29232448
## 6558	chr2	29232358	-	T	69	chr2:29232303-29232448
## 6559	chr2	29232359	+	C	181	chr2:29232303-29232448
## 6560	chr2	29232359	-	C	68	chr2:29232303-29232448
## 6561	chr2	29232360	+	A	1	chr2:29232303-29232448
## 6562	chr2	29232360	+	T	181	chr2:29232303-29232448
## 6563	chr2	29232360	-	T	68	chr2:29232303-29232448
## 6564	chr2	29232361	+	C	183	chr2:29232303-29232448
## 6565	chr2	29232361	-	C	68	chr2:29232303-29232448
## 6566	chr2	29232362	+	G	1	chr2:29232303-29232448
## 6567	chr2	29232362	+	T	182	chr2:29232303-29232448
## 6568	chr2	29232362	-	T	68	chr2:29232303-29232448
## 6569	chr2	29232363	+	G	183	chr2:29232303-29232448
## 6570	chr2	29232363	-	G	68	chr2:29232303-29232448
## 6571	chr2	29232364	+	G	183	chr2:29232303-29232448
## 6572	chr2	29232364	-	G	68	chr2:29232303-29232448
## 6573	chr2	29232365	+	G	183	chr2:29232303-29232448
## 6574	chr2	29232365	-	G	68	chr2:29232303-29232448
## 6575	chr2	29232366	+	T	183	chr2:29232303-29232448
## 6576	chr2	29232366	-	T	68	chr2:29232303-29232448
## 6577	chr2	29232367	+	G	183	chr2:29232303-29232448
## 6578	chr2	29232367	-	G	68	chr2:29232303-29232448
## 6579	chr2	29232368	+	G	183	chr2:29232303-29232448
## 6580	chr2	29232368	-	G	68	chr2:29232303-29232448
## 6581	chr2	29232369	+	A	183	chr2:29232303-29232448
## 6582	chr2	29232369	-	A	68	chr2:29232303-29232448
## 6583	chr2	29232370	+	A	183	chr2:29232303-29232448
## 6584	chr2	29232370	-	A	67	chr2:29232303-29232448
## 6585	chr2	29232370	-	T	1	chr2:29232303-29232448
## 6586	chr2	29232371	+	C	183	chr2:29232303-29232448
## 6587	chr2	29232371	-	C	68	chr2:29232303-29232448
## 6588	chr2	29232372	+	G	183	chr2:29232303-29232448
## 6589	chr2	29232372	-	G	68	chr2:29232303-29232448
## 6590	chr2	29232373	+	T	183	chr2:29232303-29232448
## 6591	chr2	29232373	-	T	68	chr2:29232303-29232448
## 6592	chr2	29232374	+	G	183	chr2:29232303-29232448
## 6593	chr2	29232374	-	G	68	chr2:29232303-29232448
## 6594	chr2	29232375	+	T	183	chr2:29232303-29232448
## 6595	chr2	29232375	-	T	68	chr2:29232303-29232448
## 6596	chr2	29232376	+	C	183	chr2:29232303-29232448
## 6597	chr2	29232376	-	C	68	chr2:29232303-29232448
## 6598	chr2	29232377	+	A	1	chr2:29232303-29232448
## 6599	chr2	29232377	+	T	182	chr2:29232303-29232448
## 6600	chr2	29232377	-	T	68	chr2:29232303-29232448
## 6601	chr2	29232378	+	G	183	chr2:29232303-29232448
## 6602	chr2	29232378	-	G	68	chr2:29232303-29232448
## 6603	chr2	29232379	+	T	183	chr2:29232303-29232448
## 6604	chr2	29232379	-	T	68	chr2:29232303-29232448
## 6605	chr2	29232380	+	A	1	chr2:29232303-29232448
## 6606	chr2	29232380	+	C	182	chr2:29232303-29232448
## 6607	chr2	29232380	-	C	67	chr2:29232303-29232448
## 6608	chr2	29232381	+	T	183	chr2:29232303-29232448
## 6609	chr2	29232381	-	T	67	chr2:29232303-29232448
## 6610	chr2	29232382	+	T	183	chr2:29232303-29232448

## 6611	chr2	29232382	-	T	67	chr2:29232303-29232448
## 6612	chr2	29232383	+	G	183	chr2:29232303-29232448
## 6613	chr2	29232383	-	G	67	chr2:29232303-29232448
## 6614	chr2	29232384	+	G	183	chr2:29232303-29232448
## 6615	chr2	29232384	-	G	67	chr2:29232303-29232448
## 6616	chr2	29232385	+	C	183	chr2:29232303-29232448
## 6617	chr2	29232385	-	C	67	chr2:29232303-29232448
## 6618	chr2	29232386	+	C	183	chr2:29232303-29232448
## 6619	chr2	29232386	-	C	67	chr2:29232303-29232448
## 6620	chr2	29232387	+	C	181	chr2:29232303-29232448
## 6621	chr2	29232387	-	C	66	chr2:29232303-29232448
## 6622	chr2	29232388	+	C	175	chr2:29232303-29232448
## 6623	chr2	29232388	-	C	66	chr2:29232303-29232448
## 6624	chr2	29232389	+	G	177	chr2:29232303-29232448
## 6625	chr2	29232389	-	G	62	chr2:29232303-29232448
## 6626	chr2	29232390	+	T	171	chr2:29232303-29232448
## 6627	chr2	29232390	-	T	59	chr2:29232303-29232448
## 6628	chr2	29232391	+	A	168	chr2:29232303-29232448
## 6629	chr2	29232391	-	A	70	chr2:29232303-29232448
## 6630	chr2	29232392	+	G	173	chr2:29232303-29232448
## 6631	chr2	29232392	-	G	72	chr2:29232303-29232448
## 6632	chr2	29232393	+	G	176	chr2:29232303-29232448
## 6633	chr2	29232393	-	G	72	chr2:29232303-29232448
## 6634	chr2	29232394	+	C	172	chr2:29232303-29232448
## 6635	chr2	29232394	-	C	67	chr2:29232303-29232448
## 6636	chr2	29232395	+	C	174	chr2:29232303-29232448
## 6637	chr2	29232395	-	C	72	chr2:29232303-29232448
## 6638	chr2	29232396	+	C	173	chr2:29232303-29232448
## 6639	chr2	29232396	-	C	68	chr2:29232303-29232448
## 6640	chr2	29232396	-	T	1	chr2:29232303-29232448
## 6641	chr2	29232397	+	C	1	chr2:29232303-29232448
## 6642	chr2	29232397	+	T	169	chr2:29232303-29232448
## 6643	chr2	29232397	-	T	56	chr2:29232303-29232448
## 6644	chr2	29232398	+	G	173	chr2:29232303-29232448
## 6645	chr2	29232398	-	G	62	chr2:29232303-29232448
## 6646	chr2	29232399	+	C	168	chr2:29232303-29232448
## 6647	chr2	29232399	-	C	59	chr2:29232303-29232448
## 6648	chr2	29232400	+	C	167	chr2:29232303-29232448
## 6649	chr2	29232400	-	C	71	chr2:29232303-29232448
## 6650	chr2	29232401	+	G	164	chr2:29232303-29232448
## 6651	chr2	29232401	-	G	75	chr2:29232303-29232448
## 6652	chr2	29232402	+	C	164	chr2:29232303-29232448
## 6653	chr2	29232402	-	C	75	chr2:29232303-29232448
## 6654	chr2	29232403	+	C	168	chr2:29232303-29232448
## 6655	chr2	29232403	-	C	67	chr2:29232303-29232448
## 6656	chr2	29232404	+	A	176	chr2:29232303-29232448
## 6657	chr2	29232404	-	A	74	chr2:29232303-29232448
## 6658	chr2	29232405	+	C	176	chr2:29232303-29232448
## 6659	chr2	29232405	-	C	74	chr2:29232303-29232448
## 6660	chr2	29232406	+	C	176	chr2:29232303-29232448
## 6661	chr2	29232406	-	C	74	chr2:29232303-29232448
## 6662	chr2	29232407	+	T	176	chr2:29232303-29232448
## 6663	chr2	29232407	-	T	74	chr2:29232303-29232448
## 6664	chr2	29232408	+	C	175	chr2:29232303-29232448

## 6665	chr2 29232408	-	C	75	chr2:29232303-29232448
## 6666	chr2 29232409	+	C	175	chr2:29232303-29232448
## 6667	chr2 29232409	-	C	75	chr2:29232303-29232448
## 6668	chr2 29232410	+	G	175	chr2:29232303-29232448
## 6669	chr2 29232410	-	G	75	chr2:29232303-29232448
## 6670	chr2 29232411	+	G	174	chr2:29232303-29232448
## 6671	chr2 29232411	-	G	75	chr2:29232303-29232448
## 6672	chr2 29232411	+	T	1	chr2:29232303-29232448
## 6673	chr2 29232412	+	C	175	chr2:29232303-29232448
## 6674	chr2 29232412	-	C	75	chr2:29232303-29232448
## 6675	chr2 29232413	+	T	174	chr2:29232303-29232448
## 6676	chr2 29232413	-	T	75	chr2:29232303-29232448
## 6677	chr2 29232414	+	G	175	chr2:29232303-29232448
## 6678	chr2 29232414	-	G	75	chr2:29232303-29232448
## 6679	chr2 29232415	+	C	175	chr2:29232303-29232448
## 6680	chr2 29232415	-	C	75	chr2:29232303-29232448
## 6681	chr2 29232416	+	A	175	chr2:29232303-29232448
## 6682	chr2 29232416	-	A	75	chr2:29232303-29232448
## 6683	chr2 29232417	+	A	175	chr2:29232303-29232448
## 6684	chr2 29232417	-	A	75	chr2:29232303-29232448
## 6685	chr2 29232418	+	T	175	chr2:29232303-29232448
## 6686	chr2 29232418	-	T	75	chr2:29232303-29232448
## 6687	chr2 29232419	+	G	175	chr2:29232303-29232448
## 6688	chr2 29232419	-	G	75	chr2:29232303-29232448
## 6689	chr2 29232420	+	A	174	chr2:29232303-29232448
## 6690	chr2 29232420	-	A	75	chr2:29232303-29232448
## 6691	chr2 29232420	+	C	1	chr2:29232303-29232448
## 6692	chr2 29232421	+	T	175	chr2:29232303-29232448
## 6693	chr2 29232421	-	T	75	chr2:29232303-29232448
## 6694	chr2 29232422	+	C	175	chr2:29232303-29232448
## 6695	chr2 29232422	-	C	75	chr2:29232303-29232448
## 6696	chr2 29232423	+	A	174	chr2:29232303-29232448
## 6697	chr2 29232423	-	A	75	chr2:29232303-29232448
## 6698	chr2 29232423	+	T	1	chr2:29232303-29232448
## 6699	chr2 29232424	+	G	175	chr2:29232303-29232448
## 6700	chr2 29232424	-	G	75	chr2:29232303-29232448
## 6701	chr2 29232425	+	C	1	chr2:29232303-29232448
## 6702	chr2 29232425	+	G	173	chr2:29232303-29232448
## 6703	chr2 29232425	-	G	75	chr2:29232303-29232448
## 6704	chr2 29232426	+	G	175	chr2:29232303-29232448
## 6705	chr2 29232426	-	G	75	chr2:29232303-29232448
## 6706	chr2 29232427	+	G	175	chr2:29232303-29232448
## 6707	chr2 29232427	-	G	75	chr2:29232303-29232448
## 6708	chr2 29232428	+	C	175	chr2:29232303-29232448
## 6709	chr2 29232428	-	C	75	chr2:29232303-29232448
## 6710	chr2 29232429	+	A	173	chr2:29232303-29232448
## 6711	chr2 29232429	-	A	75	chr2:29232303-29232448
## 6712	chr2 29232429	+	G	1	chr2:29232303-29232448
## 6713	chr2 29232430	+	C	176	chr2:29232303-29232448
## 6714	chr2 29232430	-	C	75	chr2:29232303-29232448
## 6715	chr2 29232431	+	C	176	chr2:29232303-29232448
## 6716	chr2 29232431	-	C	75	chr2:29232303-29232448
## 6717	chr2 29232432	+	A	1	chr2:29232303-29232448
## 6718	chr2 29232432	+	G	175	chr2:29232303-29232448

## 6719	chr2 29232432	-	G	75	chr2:29232303-29232448
## 6720	chr2 29232433	+	G	176	chr2:29232303-29232448
## 6721	chr2 29232433	-	G	75	chr2:29232303-29232448
## 6722	chr2 29232434	+	C	175	chr2:29232303-29232448
## 6723	chr2 29232434	-	C	75	chr2:29232303-29232448
## 6724	chr2 29232435	+	A	175	chr2:29232303-29232448
## 6725	chr2 29232435	-	A	75	chr2:29232303-29232448
## 6726	chr2 29232436	+	C	175	chr2:29232303-29232448
## 6727	chr2 29232436	-	C	75	chr2:29232303-29232448
## 6728	chr2 29232437	+	T	175	chr2:29232303-29232448
## 6729	chr2 29232437	-	T	75	chr2:29232303-29232448
## 6730	chr2 29232438	+	C	174	chr2:29232303-29232448
## 6731	chr2 29232438	-	C	75	chr2:29232303-29232448
## 6732	chr2 29232439	+	C	175	chr2:29232303-29232448
## 6733	chr2 29232439	-	C	75	chr2:29232303-29232448
## 6734	chr2 29232440	+	A	175	chr2:29232303-29232448
## 6735	chr2 29232440	-	A	75	chr2:29232303-29232448
## 6736	chr2 29232441	+	G	1	chr2:29232303-29232448
## 6737	chr2 29232441	+	T	173	chr2:29232303-29232448
## 6738	chr2 29232441	-	T	75	chr2:29232303-29232448
## 6739	chr2 29232442	+	C	176	chr2:29232303-29232448
## 6740	chr2 29232442	-	C	75	chr2:29232303-29232448
## 6741	chr2 29232443	+	C	176	chr2:29232303-29232448
## 6742	chr2 29232443	-	C	75	chr2:29232303-29232448
## 6743	chr2 29232443	+	T	1	chr2:29232303-29232448
## 6744	chr2 29232444	+	T	176	chr2:29232303-29232448
## 6745	chr2 29232444	-	T	76	chr2:29232303-29232448
## 6746	chr2 29232445	+	T	176	chr2:29232303-29232448
## 6747	chr2 29232445	-	T	76	chr2:29232303-29232448
## 6748	chr2 29232446	+	C	173	chr2:29232303-29232448
## 6749	chr2 29232446	-	C	76	chr2:29232303-29232448
## 6750	chr2 29232446	+	T	1	chr2:29232303-29232448
## 6751	chr2 29232447	+	A	173	chr2:29232303-29232448
## 6752	chr2 29232447	-	A	76	chr2:29232303-29232448
## 6753	chr2 29232448	+	T	175	chr2:29232303-29232448
## 6754	chr2 29232448	-	T	76	chr2:29232303-29232448
## 6755	chr2 29233564	+	C	276	chr2:29233564-29233696
## 6756	chr2 29233564	-	C	20	chr2:29233564-29233696
## 6757	chr2 29233565	+	C	273	chr2:29233564-29233696
## 6758	chr2 29233565	-	C	20	chr2:29233564-29233696
## 6759	chr2 29233566	+	A	1	chr2:29233564-29233696
## 6760	chr2 29233566	+	T	269	chr2:29233564-29233696
## 6761	chr2 29233566	-	T	20	chr2:29233564-29233696
## 6762	chr2 29233567	+	T	265	chr2:29233564-29233696
## 6763	chr2 29233567	-	T	20	chr2:29233564-29233696
## 6764	chr2 29233568	+	A	253	chr2:29233564-29233696
## 6765	chr2 29233568	-	A	20	chr2:29233564-29233696
## 6766	chr2 29233568	+	G	1	chr2:29233564-29233696
## 6767	chr2 29233569	+	A	252	chr2:29233564-29233696
## 6768	chr2 29233569	-	A	20	chr2:29233564-29233696
## 6769	chr2 29233570	+	A	242	chr2:29233564-29233696
## 6770	chr2 29233570	-	A	18	chr2:29233564-29233696
## 6771	chr2 29233571	+	T	239	chr2:29233564-29233696
## 6772	chr2 29233571	-	T	18	chr2:29233564-29233696

## 6773	chr2 29233572	+	A	238	chr2:29233564-29233696
## 6774	chr2 29233572	-	A	16	chr2:29233564-29233696
## 6775	chr2 29233573	+	C	217	chr2:29233564-29233696
## 6776	chr2 29233573	-	C	15	chr2:29233564-29233696
## 6777	chr2 29233573	+	T	2	chr2:29233564-29233696
## 6778	chr2 29233574	-	A	1	chr2:29233564-29233696
## 6779	chr2 29233574	+	G	210	chr2:29233564-29233696
## 6780	chr2 29233574	-	G	21	chr2:29233564-29233696
## 6781	chr2 29233575	+	T	221	chr2:29233564-29233696
## 6782	chr2 29233575	-	T	28	chr2:29233564-29233696
## 6783	chr2 29233576	+	A	211	chr2:29233564-29233696
## 6784	chr2 29233576	-	A	28	chr2:29233564-29233696
## 6785	chr2 29233577	+	G	211	chr2:29233564-29233696
## 6786	chr2 29233577	-	G	35	chr2:29233564-29233696
## 6787	chr2 29233578	+	G	203	chr2:29233564-29233696
## 6788	chr2 29233578	-	G	33	chr2:29233564-29233696
## 6789	chr2 29233579	+	T	214	chr2:29233564-29233696
## 6790	chr2 29233579	-	T	36	chr2:29233564-29233696
## 6791	chr2 29233580	+	G	212	chr2:29233564-29233696
## 6792	chr2 29233580	-	G	34	chr2:29233564-29233696
## 6793	chr2 29233581	+	G	211	chr2:29233564-29233696
## 6794	chr2 29233581	-	G	33	chr2:29233564-29233696
## 6795	chr2 29233582	+	C	213	chr2:29233564-29233696
## 6796	chr2 29233582	-	C	32	chr2:29233564-29233696
## 6797	chr2 29233583	+	T	208	chr2:29233564-29233696
## 6798	chr2 29233583	-	T	28	chr2:29233564-29233696
## 6799	chr2 29233584	+	C	204	chr2:29233564-29233696
## 6800	chr2 29233584	-	C	31	chr2:29233564-29233696
## 6801	chr2 29233585	+	C	213	chr2:29233564-29233696
## 6802	chr2 29233585	-	C	33	chr2:29233564-29233696
## 6803	chr2 29233586	+	A	209	chr2:29233564-29233696
## 6804	chr2 29233586	-	A	33	chr2:29233564-29233696
## 6805	chr2 29233586	+	C	1	chr2:29233564-29233696
## 6806	chr2 29233586	+	G	1	chr2:29233564-29233696
## 6807	chr2 29233587	+	C	213	chr2:29233564-29233696
## 6808	chr2 29233587	-	C	33	chr2:29233564-29233696
## 6809	chr2 29233588	+	C	204	chr2:29233564-29233696
## 6810	chr2 29233588	-	C	35	chr2:29233564-29233696
## 6811	chr2 29233589	+	C	201	chr2:29233564-29233696
## 6812	chr2 29233589	-	C	38	chr2:29233564-29233696
## 6813	chr2 29233590	+	-	1	chr2:29233564-29233696
## 6814	chr2 29233590	+	C	200	chr2:29233564-29233696
## 6815	chr2 29233590	-	C	40	chr2:29233564-29233696
## 6816	chr2 29233590	+	T	1	chr2:29233564-29233696
## 6817	chr2 29233591	+	-	1	chr2:29233564-29233696
## 6818	chr2 29233591	+	C	209	chr2:29233564-29233696
## 6819	chr2 29233591	-	C	39	chr2:29233564-29233696
## 6820	chr2 29233592	+	-	1	chr2:29233564-29233696
## 6821	chr2 29233592	+	T	184	chr2:29233564-29233696
## 6822	chr2 29233592	-	T	39	chr2:29233564-29233696
## 6823	chr2 29233593	+	C	186	chr2:29233564-29233696
## 6824	chr2 29233593	-	C	47	chr2:29233564-29233696
## 6825	chr2 29233594	+	C	182	chr2:29233564-29233696
## 6826	chr2 29233594	-	C	60	chr2:29233564-29233696

## 6827	chr2 29233595	+	G	1	chr2:29233564-29233696
## 6828	chr2 29233595	+	T	186	chr2:29233564-29233696
## 6829	chr2 29233595	-	T	63	chr2:29233564-29233696
## 6830	chr2 29233596	+	C	185	chr2:29233564-29233696
## 6831	chr2 29233596	-	C	63	chr2:29233564-29233696
## 6832	chr2 29233596	+	T	2	chr2:29233564-29233696
## 6833	chr2 29233597	+	C	187	chr2:29233564-29233696
## 6834	chr2 29233597	-	C	63	chr2:29233564-29233696
## 6835	chr2 29233598	+	T	187	chr2:29233564-29233696
## 6836	chr2 29233598	-	T	62	chr2:29233564-29233696
## 6837	chr2 29233599	+	C	186	chr2:29233564-29233696
## 6838	chr2 29233599	-	C	63	chr2:29233564-29233696
## 6839	chr2 29233599	-	T	1	chr2:29233564-29233696
## 6840	chr2 29233600	+	A	1	chr2:29233564-29233696
## 6841	chr2 29233600	+	C	184	chr2:29233564-29233696
## 6842	chr2 29233600	-	C	63	chr2:29233564-29233696
## 6843	chr2 29233600	-	G	1	chr2:29233564-29233696
## 6844	chr2 29233600	+	T	1	chr2:29233564-29233696
## 6845	chr2 29233601	+	G	186	chr2:29233564-29233696
## 6846	chr2 29233601	-	G	64	chr2:29233564-29233696
## 6847	chr2 29233602	+	C	186	chr2:29233564-29233696
## 6848	chr2 29233602	-	C	64	chr2:29233564-29233696
## 6849	chr2 29233603	+	C	186	chr2:29233564-29233696
## 6850	chr2 29233603	-	C	64	chr2:29233564-29233696
## 6851	chr2 29233604	+	T	186	chr2:29233564-29233696
## 6852	chr2 29233604	-	T	64	chr2:29233564-29233696
## 6853	chr2 29233605	-	-	1	chr2:29233564-29233696
## 6854	chr2 29233605	+	C	185	chr2:29233564-29233696
## 6855	chr2 29233605	-	C	63	chr2:29233564-29233696
## 6856	chr2 29233605	+	T	1	chr2:29233564-29233696
## 6857	chr2 29233606	+	A	3	chr2:29233564-29233696
## 6858	chr2 29233606	+	C	182	chr2:29233564-29233696
## 6859	chr2 29233606	-	C	64	chr2:29233564-29233696
## 6860	chr2 29233607	+	T	187	chr2:29233564-29233696
## 6861	chr2 29233607	-	T	64	chr2:29233564-29233696
## 6862	chr2 29233608	-	A	1	chr2:29233564-29233696
## 6863	chr2 29233608	+	G	186	chr2:29233564-29233696
## 6864	chr2 29233608	-	G	63	chr2:29233564-29233696
## 6865	chr2 29233609	+	C	186	chr2:29233564-29233696
## 6866	chr2 29233609	-	C	64	chr2:29233564-29233696
## 6867	chr2 29233610	+	C	186	chr2:29233564-29233696
## 6868	chr2 29233610	-	C	64	chr2:29233564-29233696
## 6869	chr2 29233611	+	C	186	chr2:29233564-29233696
## 6870	chr2 29233611	-	C	64	chr2:29233564-29233696
## 6871	chr2 29233612	+	A	185	chr2:29233564-29233696
## 6872	chr2 29233612	-	A	64	chr2:29233564-29233696
## 6873	chr2 29233613	+	C	187	chr2:29233564-29233696
## 6874	chr2 29233613	-	C	64	chr2:29233564-29233696
## 6875	chr2 29233614	+	T	187	chr2:29233564-29233696
## 6876	chr2 29233614	-	T	64	chr2:29233564-29233696
## 6877	chr2 29233615	+	C	187	chr2:29233564-29233696
## 6878	chr2 29233615	-	C	64	chr2:29233564-29233696
## 6879	chr2 29233616	+	A	187	chr2:29233564-29233696
## 6880	chr2 29233616	-	A	64	chr2:29233564-29233696

## 6881	chr2 29233617	+	G	1	chr2:29233564-29233696
## 6882	chr2 29233617	+	T	186	chr2:29233564-29233696
## 6883	chr2 29233617	-	T	64	chr2:29233564-29233696
## 6884	chr2 29233618	+	G	187	chr2:29233564-29233696
## 6885	chr2 29233618	-	G	64	chr2:29233564-29233696
## 6886	chr2 29233619	+	C	187	chr2:29233564-29233696
## 6887	chr2 29233619	-	C	64	chr2:29233564-29233696
## 6888	chr2 29233620	+	A	187	chr2:29233564-29233696
## 6889	chr2 29233620	-	A	64	chr2:29233564-29233696
## 6890	chr2 29233621	+	C	183	chr2:29233564-29233696
## 6891	chr2 29233621	-	C	64	chr2:29233564-29233696
## 6892	chr2 29233621	+	T	4	chr2:29233564-29233696
## 6893	chr2 29233622	+	G	187	chr2:29233564-29233696
## 6894	chr2 29233622	-	G	64	chr2:29233564-29233696
## 6895	chr2 29233623	+	C	185	chr2:29233564-29233696
## 6896	chr2 29233623	-	C	64	chr2:29233564-29233696
## 6897	chr2 29233624	+	T	186	chr2:29233564-29233696
## 6898	chr2 29233624	-	T	64	chr2:29233564-29233696
## 6899	chr2 29233625	-	G	1	chr2:29233564-29233696
## 6900	chr2 29233625	+	T	186	chr2:29233564-29233696
## 6901	chr2 29233625	-	T	63	chr2:29233564-29233696
## 6902	chr2 29233626	+	C	185	chr2:29233564-29233696
## 6903	chr2 29233626	-	C	64	chr2:29233564-29233696
## 6904	chr2 29233627	+	T	184	chr2:29233564-29233696
## 6905	chr2 29233627	-	T	64	chr2:29233564-29233696
## 6906	chr2 29233628	+	G	187	chr2:29233564-29233696
## 6907	chr2 29233628	-	G	64	chr2:29233564-29233696
## 6908	chr2 29233629	+	T	187	chr2:29233564-29233696
## 6909	chr2 29233629	-	T	64	chr2:29233564-29233696
## 6910	chr2 29233630	+	T	187	chr2:29233564-29233696
## 6911	chr2 29233630	-	T	64	chr2:29233564-29233696
## 6912	chr2 29233631	+	C	187	chr2:29233564-29233696
## 6913	chr2 29233631	-	C	64	chr2:29233564-29233696
## 6914	chr2 29233632	+	A	184	chr2:29233564-29233696
## 6915	chr2 29233632	-	A	64	chr2:29233564-29233696
## 6916	chr2 29233633	+	C	186	chr2:29233564-29233696
## 6917	chr2 29233633	-	C	64	chr2:29233564-29233696
## 6918	chr2 29233634	+	A	183	chr2:29233564-29233696
## 6919	chr2 29233634	-	A	64	chr2:29233564-29233696
## 6920	chr2 29233634	+	C	1	chr2:29233564-29233696
## 6921	chr2 29233635	+	C	186	chr2:29233564-29233696
## 6922	chr2 29233635	-	C	63	chr2:29233564-29233696
## 6923	chr2 29233635	-	G	1	chr2:29233564-29233696
## 6924	chr2 29233636	+	G	186	chr2:29233564-29233696
## 6925	chr2 29233636	-	G	64	chr2:29233564-29233696
## 6926	chr2 29233637	+	G	186	chr2:29233564-29233696
## 6927	chr2 29233637	-	G	64	chr2:29233564-29233696
## 6928	chr2 29233638	+	A	187	chr2:29233564-29233696
## 6929	chr2 29233638	-	A	64	chr2:29233564-29233696
## 6930	chr2 29233639	+	T	186	chr2:29233564-29233696
## 6931	chr2 29233639	-	T	64	chr2:29233564-29233696
## 6932	chr2 29233640	+	T	186	chr2:29233564-29233696
## 6933	chr2 29233640	-	T	64	chr2:29233564-29233696
## 6934	chr2 29233641	+	T	186	chr2:29233564-29233696

## 6935	chr2 29233641	-	T	64	chr2:29233564-29233696
## 6936	chr2 29233642	+	C	186	chr2:29233564-29233696
## 6937	chr2 29233642	-	C	64	chr2:29233564-29233696
## 6938	chr2 29233643	+	T	187	chr2:29233564-29233696
## 6939	chr2 29233643	-	T	64	chr2:29233564-29233696
## 6940	chr2 29233644	-	G	1	chr2:29233564-29233696
## 6941	chr2 29233644	+	T	186	chr2:29233564-29233696
## 6942	chr2 29233644	-	T	63	chr2:29233564-29233696
## 6943	chr2 29233645	+	C	187	chr2:29233564-29233696
## 6944	chr2 29233645	-	C	64	chr2:29233564-29233696
## 6945	chr2 29233646	+	T	187	chr2:29233564-29233696
## 6946	chr2 29233646	-	T	64	chr2:29233564-29233696
## 6947	chr2 29233647	-	C	1	chr2:29233564-29233696
## 6948	chr2 29233647	+	T	186	chr2:29233564-29233696
## 6949	chr2 29233647	-	T	63	chr2:29233564-29233696
## 6950	chr2 29233648	+	C	185	chr2:29233564-29233696
## 6951	chr2 29233648	-	C	64	chr2:29233564-29233696
## 6952	chr2 29233648	+	T	1	chr2:29233564-29233696
## 6953	chr2 29233649	+	C	1	chr2:29233564-29233696
## 6954	chr2 29233649	+	T	174	chr2:29233564-29233696
## 6955	chr2 29233649	-	T	58	chr2:29233564-29233696
## 6956	chr2 29233650	+	A	167	chr2:29233564-29233696
## 6957	chr2 29233650	-	A	69	chr2:29233564-29233696
## 6958	chr2 29233651	+	T	170	chr2:29233564-29233696
## 6959	chr2 29233651	-	T	73	chr2:29233564-29233696
## 6960	chr2 29233652	+	C	170	chr2:29233564-29233696
## 6961	chr2 29233652	-	C	70	chr2:29233564-29233696
## 6962	chr2 29233653	+	A	175	chr2:29233564-29233696
## 6963	chr2 29233653	-	A	70	chr2:29233564-29233696
## 6964	chr2 29233654	+	C	170	chr2:29233564-29233696
## 6965	chr2 29233654	-	C	67	chr2:29233564-29233696
## 6966	chr2 29233654	+	T	1	chr2:29233564-29233696
## 6967	chr2 29233655	+	A	170	chr2:29233564-29233696
## 6968	chr2 29233655	-	A	74	chr2:29233564-29233696
## 6969	chr2 29233656	+	A	1	chr2:29233564-29233696
## 6970	chr2 29233656	+	T	170	chr2:29233564-29233696
## 6971	chr2 29233656	-	T	74	chr2:29233564-29233696
## 6972	chr2 29233657	+	T	171	chr2:29233564-29233696
## 6973	chr2 29233657	-	T	74	chr2:29233564-29233696
## 6974	chr2 29233658	+	G	169	chr2:29233564-29233696
## 6975	chr2 29233658	-	G	76	chr2:29233564-29233696
## 6976	chr2 29233659	+	G	4	chr2:29233564-29233696
## 6977	chr2 29233659	+	T	171	chr2:29233564-29233696
## 6978	chr2 29233659	-	T	72	chr2:29233564-29233696
## 6979	chr2 29233660	+	A	1	chr2:29233564-29233696
## 6980	chr2 29233660	+	T	165	chr2:29233564-29233696
## 6981	chr2 29233660	-	T	70	chr2:29233564-29233696
## 6982	chr2 29233661	+	C	168	chr2:29233564-29233696
## 6983	chr2 29233661	-	C	79	chr2:29233564-29233696
## 6984	chr2 29233662	+	T	167	chr2:29233564-29233696
## 6985	chr2 29233662	-	T	78	chr2:29233564-29233696
## 6986	chr2 29233663	+	A	1	chr2:29233564-29233696
## 6987	chr2 29233663	-	A	1	chr2:29233564-29233696
## 6988	chr2 29233663	+	C	172	chr2:29233564-29233696

## 6989	chr2 29233663	-	C	75	chr2:29233564-29233696
## 6990	chr2 29233664	+	T	172	chr2:29233564-29233696
## 6991	chr2 29233664	-	T	72	chr2:29233564-29233696
## 6992	chr2 29233665	+	-	3	chr2:29233564-29233696
## 6993	chr2 29233665	+	C	158	chr2:29233564-29233696
## 6994	chr2 29233665	-	C	77	chr2:29233564-29233696
## 6995	chr2 29233665	+	G	1	chr2:29233564-29233696
## 6996	chr2 29233666	+	C	166	chr2:29233564-29233696
## 6997	chr2 29233666	-	C	77	chr2:29233564-29233696
## 6998	chr2 29233667	+	A	172	chr2:29233564-29233696
## 6999	chr2 29233667	-	A	76	chr2:29233564-29233696
## 7000	chr2 29233668	+	A	162	chr2:29233564-29233696
## 7001	chr2 29233668	-	A	69	chr2:29233564-29233696
## 7002	chr2 29233669	+	T	163	chr2:29233564-29233696
## 7003	chr2 29233669	-	T	58	chr2:29233564-29233696
## 7004	chr2 29233670	+	G	173	chr2:29233564-29233696
## 7005	chr2 29233670	-	G	65	chr2:29233564-29233696
## 7006	chr2 29233671	+	C	173	chr2:29233564-29233696
## 7007	chr2 29233671	-	C	70	chr2:29233564-29233696
## 7008	chr2 29233672	+	A	180	chr2:29233564-29233696
## 7009	chr2 29233672	-	A	70	chr2:29233564-29233696
## 7010	chr2 29233673	+	A	1	chr2:29233564-29233696
## 7011	chr2 29233673	+	G	180	chr2:29233564-29233696
## 7012	chr2 29233673	-	G	70	chr2:29233564-29233696
## 7013	chr2 29233674	+	A	181	chr2:29233564-29233696
## 7014	chr2 29233674	-	A	69	chr2:29233564-29233696
## 7015	chr2 29233674	+	T	1	chr2:29233564-29233696
## 7016	chr2 29233675	+	C	182	chr2:29233564-29233696
## 7017	chr2 29233675	-	C	68	chr2:29233564-29233696
## 7018	chr2 29233676	+	T	182	chr2:29233564-29233696
## 7019	chr2 29233676	-	T	68	chr2:29233564-29233696
## 7020	chr2 29233677	-	C	1	chr2:29233564-29233696
## 7021	chr2 29233677	+	T	182	chr2:29233564-29233696
## 7022	chr2 29233677	-	T	67	chr2:29233564-29233696
## 7023	chr2 29233678	+	T	182	chr2:29233564-29233696
## 7024	chr2 29233678	-	T	68	chr2:29233564-29233696
## 7025	chr2 29233679	+	C	181	chr2:29233564-29233696
## 7026	chr2 29233679	-	C	69	chr2:29233564-29233696
## 7027	chr2 29233680	+	T	181	chr2:29233564-29233696
## 7028	chr2 29233680	-	T	69	chr2:29233564-29233696
## 7029	chr2 29233681	+	G	180	chr2:29233564-29233696
## 7030	chr2 29233681	-	G	69	chr2:29233564-29233696
## 7031	chr2 29233681	+	T	1	chr2:29233564-29233696
## 7032	chr2 29233682	+	G	180	chr2:29233564-29233696
## 7033	chr2 29233682	-	G	68	chr2:29233564-29233696
## 7034	chr2 29233683	+	A	180	chr2:29233564-29233696
## 7035	chr2 29233683	-	A	69	chr2:29233564-29233696
## 7036	chr2 29233684	+	T	181	chr2:29233564-29233696
## 7037	chr2 29233684	-	T	69	chr2:29233564-29233696
## 7038	chr2 29233685	+	T	180	chr2:29233564-29233696
## 7039	chr2 29233685	-	T	70	chr2:29233564-29233696
## 7040	chr2 29233686	+	A	180	chr2:29233564-29233696
## 7041	chr2 29233686	-	A	70	chr2:29233564-29233696
## 7042	chr2 29233687	+	A	180	chr2:29233564-29233696

## 7043	chr2 29233687	-	A	70	chr2:29233564-29233696
## 7044	chr2 29233688	+	C	179	chr2:29233564-29233696
## 7045	chr2 29233688	-	C	70	chr2:29233564-29233696
## 7046	chr2 29233689	+	C	1	chr2:29233564-29233696
## 7047	chr2 29233689	+	T	179	chr2:29233564-29233696
## 7048	chr2 29233689	-	T	70	chr2:29233564-29233696
## 7049	chr2 29233690	+	G	179	chr2:29233564-29233696
## 7050	chr2 29233690	-	G	70	chr2:29233564-29233696
## 7051	chr2 29233691	+	G	176	chr2:29233564-29233696
## 7052	chr2 29233691	-	G	70	chr2:29233564-29233696
## 7053	chr2 29233692	+	T	180	chr2:29233564-29233696
## 7054	chr2 29233692	-	T	70	chr2:29233564-29233696
## 7055	chr2 29233693	+	T	180	chr2:29233564-29233696
## 7056	chr2 29233693	-	T	70	chr2:29233564-29233696
## 7057	chr2 29233694	+	T	180	chr2:29233564-29233696
## 7058	chr2 29233694	-	T	70	chr2:29233564-29233696
## 7059	chr2 29233695	+	G	180	chr2:29233564-29233696
## 7060	chr2 29233695	-	G	70	chr2:29233564-29233696
## 7061	chr2 29233696	+	T	180	chr2:29233564-29233696
## 7062	chr2 29233696	-	T	70	chr2:29233564-29233696
## 7063	chr2 29239679	+	C	203	chr2:29239679-29239830
## 7064	chr2 29239679	-	C	98	chr2:29239679-29239830
## 7065	chr2 29239680	+	A	189	chr2:29239679-29239830
## 7066	chr2 29239680	-	A	98	chr2:29239679-29239830
## 7067	chr2 29239681	+	C	186	chr2:29239679-29239830
## 7068	chr2 29239681	-	C	92	chr2:29239679-29239830
## 7069	chr2 29239682	+	T	181	chr2:29239679-29239830
## 7070	chr2 29239682	-	T	88	chr2:29239679-29239830
## 7071	chr2 29239683	+	G	182	chr2:29239679-29239830
## 7072	chr2 29239683	-	G	86	chr2:29239679-29239830
## 7073	chr2 29239684	-	A	1	chr2:29239679-29239830
## 7074	chr2 29239684	+	G	170	chr2:29239679-29239830
## 7075	chr2 29239684	-	G	78	chr2:29239679-29239830
## 7076	chr2 29239685	-	A	2	chr2:29239679-29239830
## 7077	chr2 29239685	+	G	169	chr2:29239679-29239830
## 7078	chr2 29239685	-	G	72	chr2:29239679-29239830
## 7079	chr2 29239686	+	G	175	chr2:29239679-29239830
## 7080	chr2 29239686	-	G	72	chr2:29239679-29239830
## 7081	chr2 29239687	+	C	170	chr2:29239679-29239830
## 7082	chr2 29239687	-	C	65	chr2:29239679-29239830
## 7083	chr2 29239688	+	A	174	chr2:29239679-29239830
## 7084	chr2 29239688	-	A	65	chr2:29239679-29239830
## 7085	chr2 29239689	+	C	1	chr2:29239679-29239830
## 7086	chr2 29239689	+	G	172	chr2:29239679-29239830
## 7087	chr2 29239689	-	G	68	chr2:29239679-29239830
## 7088	chr2 29239690	+	C	1	chr2:29239679-29239830
## 7089	chr2 29239690	+	G	177	chr2:29239679-29239830
## 7090	chr2 29239690	-	G	62	chr2:29239679-29239830
## 7091	chr2 29239691	+	C	181	chr2:29239679-29239830
## 7092	chr2 29239691	-	C	54	chr2:29239679-29239830
## 7093	chr2 29239692	+	C	1	chr2:29239679-29239830
## 7094	chr2 29239692	+	G	189	chr2:29239679-29239830
## 7095	chr2 29239692	-	G	49	chr2:29239679-29239830
## 7096	chr2 29239693	+	T	198	chr2:29239679-29239830

## 7097	chr2 29239693	-	T	45	chr2:29239679-29239830
## 7098	chr2 29239694	+	-	1	chr2:29239679-29239830
## 7099	chr2 29239694	+	C	193	chr2:29239679-29239830
## 7100	chr2 29239694	-	C	44	chr2:29239679-29239830
## 7101	chr2 29239695	+	C	198	chr2:29239679-29239830
## 7102	chr2 29239695	-	C	44	chr2:29239679-29239830
## 7103	chr2 29239696	+	T	204	chr2:29239679-29239830
## 7104	chr2 29239696	-	T	44	chr2:29239679-29239830
## 7105	chr2 29239697	+	C	205	chr2:29239679-29239830
## 7106	chr2 29239697	-	C	41	chr2:29239679-29239830
## 7107	chr2 29239698	+	A	1	chr2:29239679-29239830
## 7108	chr2 29239698	+	T	206	chr2:29239679-29239830
## 7109	chr2 29239698	-	T	40	chr2:29239679-29239830
## 7110	chr2 29239699	+	C	204	chr2:29239679-29239830
## 7111	chr2 29239699	-	C	39	chr2:29239679-29239830
## 7112	chr2 29239700	+	C	207	chr2:29239679-29239830
## 7113	chr2 29239700	-	C	28	chr2:29239679-29239830
## 7114	chr2 29239701	+	C	220	chr2:29239679-29239830
## 7115	chr2 29239701	-	C	22	chr2:29239679-29239830
## 7116	chr2 29239702	+	T	229	chr2:29239679-29239830
## 7117	chr2 29239702	-	T	22	chr2:29239679-29239830
## 7118	chr2 29239703	+	G	219	chr2:29239679-29239830
## 7119	chr2 29239703	-	G	13	chr2:29239679-29239830
## 7120	chr2 29239704	+	C	229	chr2:29239679-29239830
## 7121	chr2 29239704	-	C	12	chr2:29239679-29239830
## 7122	chr2 29239705	+	T	238	chr2:29239679-29239830
## 7123	chr2 29239705	-	T	12	chr2:29239679-29239830
## 7124	chr2 29239706	+	G	238	chr2:29239679-29239830
## 7125	chr2 29239706	-	G	12	chr2:29239679-29239830
## 7126	chr2 29239707	+	C	238	chr2:29239679-29239830
## 7127	chr2 29239707	-	C	12	chr2:29239679-29239830
## 7128	chr2 29239708	+	C	237	chr2:29239679-29239830
## 7129	chr2 29239708	-	C	12	chr2:29239679-29239830
## 7130	chr2 29239708	+	T	1	chr2:29239679-29239830
## 7131	chr2 29239709	+	C	238	chr2:29239679-29239830
## 7132	chr2 29239709	-	C	12	chr2:29239679-29239830
## 7133	chr2 29239710	+	A	238	chr2:29239679-29239830
## 7134	chr2 29239710	-	A	12	chr2:29239679-29239830
## 7135	chr2 29239711	+	A	238	chr2:29239679-29239830
## 7136	chr2 29239711	-	A	12	chr2:29239679-29239830
## 7137	chr2 29239712	+	C	237	chr2:29239679-29239830
## 7138	chr2 29239712	-	C	12	chr2:29239679-29239830
## 7139	chr2 29239712	+	T	1	chr2:29239679-29239830
## 7140	chr2 29239713	+	C	238	chr2:29239679-29239830
## 7141	chr2 29239713	-	C	12	chr2:29239679-29239830
## 7142	chr2 29239714	+	A	238	chr2:29239679-29239830
## 7143	chr2 29239714	-	A	12	chr2:29239679-29239830
## 7144	chr2 29239715	+	G	238	chr2:29239679-29239830
## 7145	chr2 29239715	-	G	12	chr2:29239679-29239830
## 7146	chr2 29239716	+	G	238	chr2:29239679-29239830
## 7147	chr2 29239716	-	G	12	chr2:29239679-29239830
## 7148	chr2 29239717	+	A	238	chr2:29239679-29239830
## 7149	chr2 29239717	-	A	12	chr2:29239679-29239830
## 7150	chr2 29239718	+	G	1	chr2:29239679-29239830

## 7151	chr2 29239718	+	T	237	chr2:29239679-29239830
## 7152	chr2 29239718	-	T	12	chr2:29239679-29239830
## 7153	chr2 29239719	+	G	237	chr2:29239679-29239830
## 7154	chr2 29239719	-	G	12	chr2:29239679-29239830
## 7155	chr2 29239720	+	T	239	chr2:29239679-29239830
## 7156	chr2 29239720	-	T	12	chr2:29239679-29239830
## 7157	chr2 29239721	+	A	239	chr2:29239679-29239830
## 7158	chr2 29239721	-	A	12	chr2:29239679-29239830
## 7159	chr2 29239722	+	C	239	chr2:29239679-29239830
## 7160	chr2 29239722	-	C	12	chr2:29239679-29239830
## 7161	chr2 29239723	+	A	238	chr2:29239679-29239830
## 7162	chr2 29239723	-	A	12	chr2:29239679-29239830
## 7163	chr2 29239723	+	C	1	chr2:29239679-29239830
## 7164	chr2 29239724	+	G	239	chr2:29239679-29239830
## 7165	chr2 29239724	-	G	12	chr2:29239679-29239830
## 7166	chr2 29239725	+	C	239	chr2:29239679-29239830
## 7167	chr2 29239725	-	C	12	chr2:29239679-29239830
## 7168	chr2 29239726	+	A	239	chr2:29239679-29239830
## 7169	chr2 29239726	-	A	12	chr2:29239679-29239830
## 7170	chr2 29239727	+	T	239	chr2:29239679-29239830
## 7171	chr2 29239727	-	T	12	chr2:29239679-29239830
## 7172	chr2 29239728	+	G	239	chr2:29239679-29239830
## 7173	chr2 29239728	-	G	12	chr2:29239679-29239830
## 7174	chr2 29239729	+	T	239	chr2:29239679-29239830
## 7175	chr2 29239729	-	T	12	chr2:29239679-29239830
## 7176	chr2 29239730	+	C	238	chr2:29239679-29239830
## 7177	chr2 29239730	-	C	12	chr2:29239679-29239830
## 7178	chr2 29239730	+	T	1	chr2:29239679-29239830
## 7179	chr2 29239731	+	A	239	chr2:29239679-29239830
## 7180	chr2 29239731	-	A	12	chr2:29239679-29239830
## 7181	chr2 29239732	+	T	239	chr2:29239679-29239830
## 7182	chr2 29239732	-	T	12	chr2:29239679-29239830
## 7183	chr2 29239733	+	C	239	chr2:29239679-29239830
## 7184	chr2 29239733	-	C	12	chr2:29239679-29239830
## 7185	chr2 29239734	+	C	239	chr2:29239679-29239830
## 7186	chr2 29239734	-	C	12	chr2:29239679-29239830
## 7187	chr2 29239735	+	T	239	chr2:29239679-29239830
## 7188	chr2 29239735	-	T	12	chr2:29239679-29239830
## 7189	chr2 29239736	+	T	239	chr2:29239679-29239830
## 7190	chr2 29239736	-	T	12	chr2:29239679-29239830
## 7191	chr2 29239737	+	C	239	chr2:29239679-29239830
## 7192	chr2 29239737	-	C	12	chr2:29239679-29239830
## 7193	chr2 29239738	+	T	239	chr2:29239679-29239830
## 7194	chr2 29239738	-	T	12	chr2:29239679-29239830
## 7195	chr2 29239739	+	C	239	chr2:29239679-29239830
## 7196	chr2 29239739	-	C	12	chr2:29239679-29239830
## 7197	chr2 29239740	+	C	239	chr2:29239679-29239830
## 7198	chr2 29239740	-	C	12	chr2:29239679-29239830
## 7199	chr2 29239741	+	A	239	chr2:29239679-29239830
## 7200	chr2 29239741	-	A	12	chr2:29239679-29239830
## 7201	chr2 29239742	+	G	238	chr2:29239679-29239830
## 7202	chr2 29239742	-	G	12	chr2:29239679-29239830
## 7203	chr2 29239743	+	G	239	chr2:29239679-29239830
## 7204	chr2 29239743	-	G	12	chr2:29239679-29239830

## 7205	chr2 29239744	+	-	1	chr2:29239679-29239830
## 7206	chr2 29239744	+	T	238	chr2:29239679-29239830
## 7207	chr2 29239744	-	T	12	chr2:29239679-29239830
## 7208	chr2 29239745	+	T	239	chr2:29239679-29239830
## 7209	chr2 29239745	-	T	12	chr2:29239679-29239830
## 7210	chr2 29239746	+	G	239	chr2:29239679-29239830
## 7211	chr2 29239746	-	G	12	chr2:29239679-29239830
## 7212	chr2 29239747	+	A	238	chr2:29239679-29239830
## 7213	chr2 29239747	-	A	12	chr2:29239679-29239830
## 7214	chr2 29239747	+	T	1	chr2:29239679-29239830
## 7215	chr2 29239748	+	A	239	chr2:29239679-29239830
## 7216	chr2 29239748	-	A	11	chr2:29239679-29239830
## 7217	chr2 29239748	-	T	1	chr2:29239679-29239830
## 7218	chr2 29239749	+	G	239	chr2:29239679-29239830
## 7219	chr2 29239749	-	G	12	chr2:29239679-29239830
## 7220	chr2 29239750	+	A	238	chr2:29239679-29239830
## 7221	chr2 29239750	-	A	12	chr2:29239679-29239830
## 7222	chr2 29239750	+	C	1	chr2:29239679-29239830
## 7223	chr2 29239751	+	T	239	chr2:29239679-29239830
## 7224	chr2 29239751	-	T	12	chr2:29239679-29239830
## 7225	chr2 29239752	-	C	2	chr2:29239679-29239830
## 7226	chr2 29239752	+	G	239	chr2:29239679-29239830
## 7227	chr2 29239752	-	G	10	chr2:29239679-29239830
## 7228	chr2 29239753	+	C	238	chr2:29239679-29239830
## 7229	chr2 29239753	-	C	13	chr2:29239679-29239830
## 7230	chr2 29239754	+	C	237	chr2:29239679-29239830
## 7231	chr2 29239754	-	C	13	chr2:29239679-29239830
## 7232	chr2 29239754	+	T	1	chr2:29239679-29239830
## 7233	chr2 29239755	+	C	235	chr2:29239679-29239830
## 7234	chr2 29239755	-	C	13	chr2:29239679-29239830
## 7235	chr2 29239755	+	T	2	chr2:29239679-29239830
## 7236	chr2 29239756	+	A	236	chr2:29239679-29239830
## 7237	chr2 29239756	-	A	13	chr2:29239679-29239830
## 7238	chr2 29239756	+	G	1	chr2:29239679-29239830
## 7239	chr2 29239757	+	G	237	chr2:29239679-29239830
## 7240	chr2 29239757	-	G	13	chr2:29239679-29239830
## 7241	chr2 29239758	+	A	2	chr2:29239679-29239830
## 7242	chr2 29239758	+	C	233	chr2:29239679-29239830
## 7243	chr2 29239758	-	C	13	chr2:29239679-29239830
## 7244	chr2 29239758	+	T	2	chr2:29239679-29239830
## 7245	chr2 29239759	+	A	236	chr2:29239679-29239830
## 7246	chr2 29239759	-	A	13	chr2:29239679-29239830
## 7247	chr2 29239759	+	C	1	chr2:29239679-29239830
## 7248	chr2 29239760	+	C	236	chr2:29239679-29239830
## 7249	chr2 29239760	-	C	13	chr2:29239679-29239830
## 7250	chr2 29239761	+	A	230	chr2:29239679-29239830
## 7251	chr2 29239761	-	A	13	chr2:29239679-29239830
## 7252	chr2 29239762	+	G	233	chr2:29239679-29239830
## 7253	chr2 29239762	-	G	13	chr2:29239679-29239830
## 7254	chr2 29239762	+	T	1	chr2:29239679-29239830
## 7255	chr2 29239763	+	A	221	chr2:29239679-29239830
## 7256	chr2 29239763	-	A	13	chr2:29239679-29239830
## 7257	chr2 29239764	+	C	232	chr2:29239679-29239830
## 7258	chr2 29239764	-	C	8	chr2:29239679-29239830

## 7259	chr2 29239765	+	A	222	chr2:29239679-29239830
## 7260	chr2 29239765	-	A	15	chr2:29239679-29239830
## 7261	chr2 29239765	+	C	1	chr2:29239679-29239830
## 7262	chr2 29239766	+	C	227	chr2:29239679-29239830
## 7263	chr2 29239766	-	C	16	chr2:29239679-29239830
## 7264	chr2 29239766	+	T	1	chr2:29239679-29239830
## 7265	chr2 29239767	+	G	217	chr2:29239679-29239830
## 7266	chr2 29239767	-	G	16	chr2:29239679-29239830
## 7267	chr2 29239768	+	C	212	chr2:29239679-29239830
## 7268	chr2 29239768	-	C	27	chr2:29239679-29239830
## 7269	chr2 29239769	+	C	216	chr2:29239679-29239830
## 7270	chr2 29239769	-	C	27	chr2:29239679-29239830
## 7271	chr2 29239770	+	C	2	chr2:29239679-29239830
## 7272	chr2 29239770	+	G	210	chr2:29239679-29239830
## 7273	chr2 29239770	-	G	26	chr2:29239679-29239830
## 7274	chr2 29239771	+	A	2	chr2:29239679-29239830
## 7275	chr2 29239771	+	T	214	chr2:29239679-29239830
## 7276	chr2 29239771	-	T	26	chr2:29239679-29239830
## 7277	chr2 29239772	+	G	222	chr2:29239679-29239830
## 7278	chr2 29239772	-	G	26	chr2:29239679-29239830
## 7279	chr2 29239773	+	G	220	chr2:29239679-29239830
## 7280	chr2 29239773	-	G	26	chr2:29239679-29239830
## 7281	chr2 29239773	+	T	1	chr2:29239679-29239830
## 7282	chr2 29239774	+	G	221	chr2:29239679-29239830
## 7283	chr2 29239774	-	G	26	chr2:29239679-29239830
## 7284	chr2 29239775	+	A	215	chr2:29239679-29239830
## 7285	chr2 29239775	-	A	26	chr2:29239679-29239830
## 7286	chr2 29239776	+	C	212	chr2:29239679-29239830
## 7287	chr2 29239776	-	C	26	chr2:29239679-29239830
## 7288	chr2 29239777	+	C	212	chr2:29239679-29239830
## 7289	chr2 29239777	-	C	30	chr2:29239679-29239830
## 7290	chr2 29239778	+	G	220	chr2:29239679-29239830
## 7291	chr2 29239778	-	G	30	chr2:29239679-29239830
## 7292	chr2 29239779	+	C	208	chr2:29239679-29239830
## 7293	chr2 29239779	-	C	24	chr2:29239679-29239830
## 7294	chr2 29239780	+	A	213	chr2:29239679-29239830
## 7295	chr2 29239780	-	A	28	chr2:29239679-29239830
## 7296	chr2 29239781	+	T	222	chr2:29239679-29239830
## 7297	chr2 29239781	-	T	28	chr2:29239679-29239830
## 7298	chr2 29239782	+	C	222	chr2:29239679-29239830
## 7299	chr2 29239782	-	C	28	chr2:29239679-29239830
## 7300	chr2 29239783	+	A	222	chr2:29239679-29239830
## 7301	chr2 29239783	-	A	28	chr2:29239679-29239830
## 7302	chr2 29239784	+	T	222	chr2:29239679-29239830
## 7303	chr2 29239784	-	T	28	chr2:29239679-29239830
## 7304	chr2 29239785	+	G	221	chr2:29239679-29239830
## 7305	chr2 29239785	-	G	28	chr2:29239679-29239830
## 7306	chr2 29239786	+	G	222	chr2:29239679-29239830
## 7307	chr2 29239786	-	G	28	chr2:29239679-29239830
## 7308	chr2 29239787	+	T	222	chr2:29239679-29239830
## 7309	chr2 29239787	-	T	28	chr2:29239679-29239830
## 7310	chr2 29239788	+	G	222	chr2:29239679-29239830
## 7311	chr2 29239788	-	G	28	chr2:29239679-29239830
## 7312	chr2 29239789	+	A	1	chr2:29239679-29239830

## 7313	chr2 29239789	-	G	1	chr2:29239679-29239830
## 7314	chr2 29239789	+	T	221	chr2:29239679-29239830
## 7315	chr2 29239789	-	T	27	chr2:29239679-29239830
## 7316	chr2 29239790	+	T	222	chr2:29239679-29239830
## 7317	chr2 29239790	-	T	28	chr2:29239679-29239830
## 7318	chr2 29239791	+	A	1	chr2:29239679-29239830
## 7319	chr2 29239791	+	C	221	chr2:29239679-29239830
## 7320	chr2 29239791	-	C	28	chr2:29239679-29239830
## 7321	chr2 29239792	+	T	222	chr2:29239679-29239830
## 7322	chr2 29239792	-	T	28	chr2:29239679-29239830
## 7323	chr2 29239793	+	T	222	chr2:29239679-29239830
## 7324	chr2 29239793	-	T	28	chr2:29239679-29239830
## 7325	chr2 29239794	+	C	222	chr2:29239679-29239830
## 7326	chr2 29239794	-	C	28	chr2:29239679-29239830
## 7327	chr2 29239795	+	C	221	chr2:29239679-29239830
## 7328	chr2 29239795	-	C	28	chr2:29239679-29239830
## 7329	chr2 29239796	+	C	221	chr2:29239679-29239830
## 7330	chr2 29239796	-	C	28	chr2:29239679-29239830
## 7331	chr2 29239797	+	G	222	chr2:29239679-29239830
## 7332	chr2 29239797	-	G	28	chr2:29239679-29239830
## 7333	chr2 29239798	+	C	222	chr2:29239679-29239830
## 7334	chr2 29239798	-	C	28	chr2:29239679-29239830
## 7335	chr2 29239799	+	C	222	chr2:29239679-29239830
## 7336	chr2 29239799	-	C	28	chr2:29239679-29239830
## 7337	chr2 29239800	+	T	222	chr2:29239679-29239830
## 7338	chr2 29239800	-	T	28	chr2:29239679-29239830
## 7339	chr2 29239801	+	C	1	chr2:29239679-29239830
## 7340	chr2 29239801	+	T	222	chr2:29239679-29239830
## 7341	chr2 29239801	-	T	28	chr2:29239679-29239830
## 7342	chr2 29239802	+	T	222	chr2:29239679-29239830
## 7343	chr2 29239802	-	T	28	chr2:29239679-29239830
## 7344	chr2 29239803	+	C	222	chr2:29239679-29239830
## 7345	chr2 29239803	-	C	28	chr2:29239679-29239830
## 7346	chr2 29239804	+	C	222	chr2:29239679-29239830
## 7347	chr2 29239804	-	C	28	chr2:29239679-29239830
## 7348	chr2 29239805	+	C	221	chr2:29239679-29239830
## 7349	chr2 29239805	-	C	28	chr2:29239679-29239830
## 7350	chr2 29239805	+	T	1	chr2:29239679-29239830
## 7351	chr2 29239806	+	G	223	chr2:29239679-29239830
## 7352	chr2 29239806	-	G	28	chr2:29239679-29239830
## 7353	chr2 29239807	+	C	223	chr2:29239679-29239830
## 7354	chr2 29239807	-	C	28	chr2:29239679-29239830
## 7355	chr2 29239808	+	C	223	chr2:29239679-29239830
## 7356	chr2 29239808	-	C	28	chr2:29239679-29239830
## 7357	chr2 29239809	+	A	223	chr2:29239679-29239830
## 7358	chr2 29239809	-	A	28	chr2:29239679-29239830
## 7359	chr2 29239810	+	G	223	chr2:29239679-29239830
## 7360	chr2 29239810	-	G	28	chr2:29239679-29239830
## 7361	chr2 29239811	+	C	223	chr2:29239679-29239830
## 7362	chr2 29239811	-	C	28	chr2:29239679-29239830
## 7363	chr2 29239812	+	A	222	chr2:29239679-29239830
## 7364	chr2 29239812	-	A	28	chr2:29239679-29239830
## 7365	chr2 29239812	+	G	1	chr2:29239679-29239830
## 7366	chr2 29239813	+	G	222	chr2:29239679-29239830

## 7367	chr2 29239813	-	G	28	chr2:29239679-29239830
## 7368	chr2 29239813	+	T	1	chr2:29239679-29239830
## 7369	chr2 29239814	+	C	223	chr2:29239679-29239830
## 7370	chr2 29239814	-	C	28	chr2:29239679-29239830
## 7371	chr2 29239815	+	T	222	chr2:29239679-29239830
## 7372	chr2 29239815	-	T	28	chr2:29239679-29239830
## 7373	chr2 29239816	+	C	223	chr2:29239679-29239830
## 7374	chr2 29239816	-	C	28	chr2:29239679-29239830
## 7375	chr2 29239817	+	A	1	chr2:29239679-29239830
## 7376	chr2 29239817	+	C	222	chr2:29239679-29239830
## 7377	chr2 29239817	-	C	28	chr2:29239679-29239830
## 7378	chr2 29239818	+	G	222	chr2:29239679-29239830
## 7379	chr2 29239818	-	G	28	chr2:29239679-29239830
## 7380	chr2 29239819	+	T	222	chr2:29239679-29239830
## 7381	chr2 29239819	-	T	28	chr2:29239679-29239830
## 7382	chr2 29239820	+	A	222	chr2:29239679-29239830
## 7383	chr2 29239820	-	A	28	chr2:29239679-29239830
## 7384	chr2 29239821	+	G	222	chr2:29239679-29239830
## 7385	chr2 29239821	-	G	28	chr2:29239679-29239830
## 7386	chr2 29239822	+	C	222	chr2:29239679-29239830
## 7387	chr2 29239822	-	C	28	chr2:29239679-29239830
## 7388	chr2 29239823	+	C	222	chr2:29239679-29239830
## 7389	chr2 29239823	-	C	28	chr2:29239679-29239830
## 7390	chr2 29239824	+	C	222	chr2:29239679-29239830
## 7391	chr2 29239824	-	C	28	chr2:29239679-29239830
## 7392	chr2 29239825	+	G	222	chr2:29239679-29239830
## 7393	chr2 29239825	-	G	28	chr2:29239679-29239830
## 7394	chr2 29239826	+	A	222	chr2:29239679-29239830
## 7395	chr2 29239826	-	A	28	chr2:29239679-29239830
## 7396	chr2 29239827	+	G	222	chr2:29239679-29239830
## 7397	chr2 29239827	-	G	28	chr2:29239679-29239830
## 7398	chr2 29239828	+	A	222	chr2:29239679-29239830
## 7399	chr2 29239828	-	A	27	chr2:29239679-29239830
## 7400	chr2 29239829	+	G	1	chr2:29239679-29239830
## 7401	chr2 29239829	+	T	221	chr2:29239679-29239830
## 7402	chr2 29239829	-	T	27	chr2:29239679-29239830
## 7403	chr2 29239830	+	G	223	chr2:29239679-29239830
## 7404	chr2 29239830	-	G	27	chr2:29239679-29239830
## 7405	chr2 29251104	+	C	238	chr2:29251104-29251267
## 7406	chr2 29251104	-	C	48	chr2:29251104-29251267
## 7407	chr2 29251105	+	C	231	chr2:29251104-29251267
## 7408	chr2 29251105	-	C	48	chr2:29251104-29251267
## 7409	chr2 29251106	+	A	1	chr2:29251104-29251267
## 7410	chr2 29251106	+	G	2	chr2:29251104-29251267
## 7411	chr2 29251106	+	T	215	chr2:29251104-29251267
## 7412	chr2 29251106	-	T	48	chr2:29251104-29251267
## 7413	chr2 29251107	+	G	214	chr2:29251104-29251267
## 7414	chr2 29251107	-	G	47	chr2:29251104-29251267
## 7415	chr2 29251108	+	T	207	chr2:29251104-29251267
## 7416	chr2 29251108	-	T	47	chr2:29251104-29251267
## 7417	chr2 29251109	+	A	202	chr2:29251104-29251267
## 7418	chr2 29251109	-	A	47	chr2:29251104-29251267
## 7419	chr2 29251110	+	G	204	chr2:29251104-29251267
## 7420	chr2 29251110	-	G	47	chr2:29251104-29251267

## 7421	chr2 29251111	+	A	2	chr2:29251104-29251267
## 7422	chr2 29251111	+	G	198	chr2:29251104-29251267
## 7423	chr2 29251111	-	G	47	chr2:29251104-29251267
## 7424	chr2 29251112	+	T	203	chr2:29251104-29251267
## 7425	chr2 29251112	-	T	47	chr2:29251104-29251267
## 7426	chr2 29251113	+	G	199	chr2:29251104-29251267
## 7427	chr2 29251113	-	G	47	chr2:29251104-29251267
## 7428	chr2 29251114	+	T	201	chr2:29251104-29251267
## 7429	chr2 29251114	-	T	47	chr2:29251104-29251267
## 7430	chr2 29251115	+	C	195	chr2:29251104-29251267
## 7431	chr2 29251115	-	C	47	chr2:29251104-29251267
## 7432	chr2 29251116	+	A	4	chr2:29251104-29251267
## 7433	chr2 29251116	+	G	194	chr2:29251104-29251267
## 7434	chr2 29251116	-	G	47	chr2:29251104-29251267
## 7435	chr2 29251117	+	G	204	chr2:29251104-29251267
## 7436	chr2 29251117	-	G	47	chr2:29251104-29251267
## 7437	chr2 29251118	+	T	194	chr2:29251104-29251267
## 7438	chr2 29251118	-	T	47	chr2:29251104-29251267
## 7439	chr2 29251119	+	G	199	chr2:29251104-29251267
## 7440	chr2 29251119	-	G	47	chr2:29251104-29251267
## 7441	chr2 29251120	+	G	203	chr2:29251104-29251267
## 7442	chr2 29251120	-	G	47	chr2:29251104-29251267
## 7443	chr2 29251121	+	C	198	chr2:29251104-29251267
## 7444	chr2 29251121	-	C	47	chr2:29251104-29251267
## 7445	chr2 29251122	+	G	1	chr2:29251104-29251267
## 7446	chr2 29251122	+	T	198	chr2:29251104-29251267
## 7447	chr2 29251122	-	T	47	chr2:29251104-29251267
## 7448	chr2 29251123	+	G	195	chr2:29251104-29251267
## 7449	chr2 29251123	-	G	47	chr2:29251104-29251267
## 7450	chr2 29251124	+	G	203	chr2:29251104-29251267
## 7451	chr2 29251124	-	G	48	chr2:29251104-29251267
## 7452	chr2 29251125	+	C	195	chr2:29251104-29251267
## 7453	chr2 29251125	-	C	48	chr2:29251104-29251267
## 7454	chr2 29251126	+	A	198	chr2:29251104-29251267
## 7455	chr2 29251126	-	A	48	chr2:29251104-29251267
## 7456	chr2 29251127	+	C	203	chr2:29251104-29251267
## 7457	chr2 29251127	-	C	47	chr2:29251104-29251267
## 7458	chr2 29251128	-	A	1	chr2:29251104-29251267
## 7459	chr2 29251128	+	C	197	chr2:29251104-29251267
## 7460	chr2 29251128	-	C	46	chr2:29251104-29251267
## 7461	chr2 29251129	-	G	1	chr2:29251104-29251267
## 7462	chr2 29251129	+	T	197	chr2:29251104-29251267
## 7463	chr2 29251129	-	T	46	chr2:29251104-29251267
## 7464	chr2 29251130	+	T	201	chr2:29251104-29251267
## 7465	chr2 29251130	-	T	46	chr2:29251104-29251267
## 7466	chr2 29251131	+	C	201	chr2:29251104-29251267
## 7467	chr2 29251131	-	C	46	chr2:29251104-29251267
## 7468	chr2 29251131	+	G	1	chr2:29251104-29251267
## 7469	chr2 29251132	+	C	202	chr2:29251104-29251267
## 7470	chr2 29251132	-	C	43	chr2:29251104-29251267
## 7471	chr2 29251133	+	A	201	chr2:29251104-29251267
## 7472	chr2 29251133	-	A	41	chr2:29251104-29251267
## 7473	chr2 29251134	+	G	209	chr2:29251104-29251267
## 7474	chr2 29251134	-	G	40	chr2:29251104-29251267

## 7475	chr2 29251135	+	A	207	chr2:29251104-29251267
## 7476	chr2 29251135	-	A	37	chr2:29251104-29251267
## 7477	chr2 29251136	+	T	206	chr2:29251104-29251267
## 7478	chr2 29251136	-	T	31	chr2:29251104-29251267
## 7479	chr2 29251137	+	C	207	chr2:29251104-29251267
## 7480	chr2 29251137	-	C	29	chr2:29251104-29251267
## 7481	chr2 29251138	+	T	198	chr2:29251104-29251267
## 7482	chr2 29251138	-	T	28	chr2:29251104-29251267
## 7483	chr2 29251139	+	G	220	chr2:29251104-29251267
## 7484	chr2 29251139	-	G	26	chr2:29251104-29251267
## 7485	chr2 29251140	+	G	214	chr2:29251104-29251267
## 7486	chr2 29251140	-	G	17	chr2:29251104-29251267
## 7487	chr2 29251141	+	A	221	chr2:29251104-29251267
## 7488	chr2 29251141	-	A	27	chr2:29251104-29251267
## 7489	chr2 29251142	+	T	224	chr2:29251104-29251267
## 7490	chr2 29251142	-	T	16	chr2:29251104-29251267
## 7491	chr2 29251143	+	G	235	chr2:29251104-29251267
## 7492	chr2 29251143	-	G	13	chr2:29251104-29251267
## 7493	chr2 29251144	+	C	235	chr2:29251104-29251267
## 7494	chr2 29251144	-	C	13	chr2:29251104-29251267
## 7495	chr2 29251145	+	C	237	chr2:29251104-29251267
## 7496	chr2 29251145	-	C	13	chr2:29251104-29251267
## 7497	chr2 29251146	+	T	237	chr2:29251104-29251267
## 7498	chr2 29251146	-	T	13	chr2:29251104-29251267
## 7499	chr2 29251147	+	T	237	chr2:29251104-29251267
## 7500	chr2 29251147	-	T	13	chr2:29251104-29251267
## 7501	chr2 29251148	+	T	237	chr2:29251104-29251267
## 7502	chr2 29251148	-	T	13	chr2:29251104-29251267
## 7503	chr2 29251149	+	C	237	chr2:29251104-29251267
## 7504	chr2 29251149	-	C	13	chr2:29251104-29251267
## 7505	chr2 29251150	+	A	237	chr2:29251104-29251267
## 7506	chr2 29251150	-	A	13	chr2:29251104-29251267
## 7507	chr2 29251151	+	G	237	chr2:29251104-29251267
## 7508	chr2 29251151	-	G	13	chr2:29251104-29251267
## 7509	chr2 29251152	+	G	236	chr2:29251104-29251267
## 7510	chr2 29251152	-	G	13	chr2:29251104-29251267
## 7511	chr2 29251152	+	T	1	chr2:29251104-29251267
## 7512	chr2 29251153	+	A	1	chr2:29251104-29251267
## 7513	chr2 29251153	+	G	234	chr2:29251104-29251267
## 7514	chr2 29251153	-	G	13	chr2:29251104-29251267
## 7515	chr2 29251153	+	T	2	chr2:29251104-29251267
## 7516	chr2 29251154	+	G	237	chr2:29251104-29251267
## 7517	chr2 29251154	-	G	13	chr2:29251104-29251267
## 7518	chr2 29251155	+	G	237	chr2:29251104-29251267
## 7519	chr2 29251155	-	G	13	chr2:29251104-29251267
## 7520	chr2 29251156	+	C	237	chr2:29251104-29251267
## 7521	chr2 29251156	-	C	13	chr2:29251104-29251267
## 7522	chr2 29251157	+	C	237	chr2:29251104-29251267
## 7523	chr2 29251157	-	C	13	chr2:29251104-29251267
## 7524	chr2 29251158	+	A	1	chr2:29251104-29251267
## 7525	chr2 29251158	+	C	236	chr2:29251104-29251267
## 7526	chr2 29251158	-	C	13	chr2:29251104-29251267
## 7527	chr2 29251159	+	G	1	chr2:29251104-29251267
## 7528	chr2 29251159	+	T	236	chr2:29251104-29251267

## 7529	chr2 29251159	-	T	13	chr2:29251104-29251267
## 7530	chr2 29251160	+	C	237	chr2:29251104-29251267
## 7531	chr2 29251160	-	C	13	chr2:29251104-29251267
## 7532	chr2 29251161	+	G	237	chr2:29251104-29251267
## 7533	chr2 29251161	-	G	13	chr2:29251104-29251267
## 7534	chr2 29251162	+	C	237	chr2:29251104-29251267
## 7535	chr2 29251162	-	C	13	chr2:29251104-29251267
## 7536	chr2 29251163	+	T	237	chr2:29251104-29251267
## 7537	chr2 29251163	-	T	13	chr2:29251104-29251267
## 7538	chr2 29251164	+	-	1	chr2:29251104-29251267
## 7539	chr2 29251164	+	C	235	chr2:29251104-29251267
## 7540	chr2 29251164	-	C	14	chr2:29251104-29251267
## 7541	chr2 29251165	+	C	236	chr2:29251104-29251267
## 7542	chr2 29251165	-	C	14	chr2:29251104-29251267
## 7543	chr2 29251166	+	C	236	chr2:29251104-29251267
## 7544	chr2 29251166	-	C	14	chr2:29251104-29251267
## 7545	chr2 29251167	+	C	236	chr2:29251104-29251267
## 7546	chr2 29251167	-	C	14	chr2:29251104-29251267
## 7547	chr2 29251168	+	A	236	chr2:29251104-29251267
## 7548	chr2 29251168	-	A	14	chr2:29251104-29251267
## 7549	chr2 29251169	+	C	236	chr2:29251104-29251267
## 7550	chr2 29251169	-	C	14	chr2:29251104-29251267
## 7551	chr2 29251170	+	C	234	chr2:29251104-29251267
## 7552	chr2 29251170	-	C	13	chr2:29251104-29251267
## 7553	chr2 29251171	+	T	237	chr2:29251104-29251267
## 7554	chr2 29251171	-	T	14	chr2:29251104-29251267
## 7555	chr2 29251172	+	C	237	chr2:29251104-29251267
## 7556	chr2 29251172	-	C	14	chr2:29251104-29251267
## 7557	chr2 29251173	+	C	237	chr2:29251104-29251267
## 7558	chr2 29251173	-	C	14	chr2:29251104-29251267
## 7559	chr2 29251174	+	A	237	chr2:29251104-29251267
## 7560	chr2 29251174	-	A	14	chr2:29251104-29251267
## 7561	chr2 29251175	+	C	237	chr2:29251104-29251267
## 7562	chr2 29251175	-	C	14	chr2:29251104-29251267
## 7563	chr2 29251176	+	G	237	chr2:29251104-29251267
## 7564	chr2 29251176	-	G	14	chr2:29251104-29251267
## 7565	chr2 29251177	+	C	237	chr2:29251104-29251267
## 7566	chr2 29251177	-	C	14	chr2:29251104-29251267
## 7567	chr2 29251178	+	T	236	chr2:29251104-29251267
## 7568	chr2 29251178	-	T	14	chr2:29251104-29251267
## 7569	chr2 29251179	+	C	236	chr2:29251104-29251267
## 7570	chr2 29251179	-	C	14	chr2:29251104-29251267
## 7571	chr2 29251180	+	A	235	chr2:29251104-29251267
## 7572	chr2 29251180	-	A	14	chr2:29251104-29251267
## 7573	chr2 29251181	+	G	236	chr2:29251104-29251267
## 7574	chr2 29251181	-	G	14	chr2:29251104-29251267
## 7575	chr2 29251182	+	G	236	chr2:29251104-29251267
## 7576	chr2 29251182	-	G	14	chr2:29251104-29251267
## 7577	chr2 29251183	+	T	234	chr2:29251104-29251267
## 7578	chr2 29251183	-	T	14	chr2:29251104-29251267
## 7579	chr2 29251184	+	T	233	chr2:29251104-29251267
## 7580	chr2 29251184	-	T	15	chr2:29251104-29251267
## 7581	chr2 29251185	+	G	231	chr2:29251104-29251267
## 7582	chr2 29251185	-	G	17	chr2:29251104-29251267

## 7583	chr2 29251185	+	T	2	chr2:29251104-29251267
## 7584	chr2 29251186	+	G	233	chr2:29251104-29251267
## 7585	chr2 29251186	-	G	17	chr2:29251104-29251267
## 7586	chr2 29251187	+	A	230	chr2:29251104-29251267
## 7587	chr2 29251187	-	A	17	chr2:29251104-29251267
## 7588	chr2 29251188	+	G	233	chr2:29251104-29251267
## 7589	chr2 29251188	-	G	17	chr2:29251104-29251267
## 7590	chr2 29251189	+	G	1	chr2:29251104-29251267
## 7591	chr2 29251189	+	T	228	chr2:29251104-29251267
## 7592	chr2 29251189	-	T	17	chr2:29251104-29251267
## 7593	chr2 29251190	+	T	228	chr2:29251104-29251267
## 7594	chr2 29251190	-	T	20	chr2:29251104-29251267
## 7595	chr2 29251191	+	C	221	chr2:29251104-29251267
## 7596	chr2 29251191	-	C	21	chr2:29251104-29251267
## 7597	chr2 29251192	+	T	218	chr2:29251104-29251267
## 7598	chr2 29251192	-	T	28	chr2:29251104-29251267
## 7599	chr2 29251193	+	G	222	chr2:29251104-29251267
## 7600	chr2 29251193	-	G	28	chr2:29251104-29251267
## 7601	chr2 29251194	+	G	215	chr2:29251104-29251267
## 7602	chr2 29251194	-	G	29	chr2:29251104-29251267
## 7603	chr2 29251195	+	T	217	chr2:29251104-29251267
## 7604	chr2 29251195	-	T	29	chr2:29251104-29251267
## 7605	chr2 29251196	+	A	217	chr2:29251104-29251267
## 7606	chr2 29251196	-	A	33	chr2:29251104-29251267
## 7607	chr2 29251197	+	G	212	chr2:29251104-29251267
## 7608	chr2 29251197	-	G	33	chr2:29251104-29251267
## 7609	chr2 29251198	+	G	216	chr2:29251104-29251267
## 7610	chr2 29251198	-	G	35	chr2:29251104-29251267
## 7611	chr2 29251199	+	C	209	chr2:29251104-29251267
## 7612	chr2 29251199	-	C	35	chr2:29251104-29251267
## 7613	chr2 29251200	+	G	210	chr2:29251104-29251267
## 7614	chr2 29251200	-	G	39	chr2:29251104-29251267
## 7615	chr2 29251201	+	T	204	chr2:29251104-29251267
## 7616	chr2 29251201	-	T	39	chr2:29251104-29251267
## 7617	chr2 29251202	+	C	1	chr2:29251104-29251267
## 7618	chr2 29251202	+	T	202	chr2:29251104-29251267
## 7619	chr2 29251202	-	T	43	chr2:29251104-29251267
## 7620	chr2 29251203	+	G	202	chr2:29251104-29251267
## 7621	chr2 29251203	-	G	48	chr2:29251104-29251267
## 7622	chr2 29251204	+	T	196	chr2:29251104-29251267
## 7623	chr2 29251204	-	T	48	chr2:29251104-29251267
## 7624	chr2 29251205	+	T	190	chr2:29251104-29251267
## 7625	chr2 29251205	-	T	53	chr2:29251104-29251267
## 7626	chr2 29251206	+	G	189	chr2:29251104-29251267
## 7627	chr2 29251206	-	G	58	chr2:29251104-29251267
## 7628	chr2 29251207	+	C	190	chr2:29251104-29251267
## 7629	chr2 29251207	-	C	58	chr2:29251104-29251267
## 7630	chr2 29251208	+	A	187	chr2:29251104-29251267
## 7631	chr2 29251208	-	A	58	chr2:29251104-29251267
## 7632	chr2 29251209	+	C	180	chr2:29251104-29251267
## 7633	chr2 29251209	-	C	62	chr2:29251104-29251267
## 7634	chr2 29251210	+	T	179	chr2:29251104-29251267
## 7635	chr2 29251210	-	T	64	chr2:29251104-29251267
## 7636	chr2 29251211	+	G	173	chr2:29251104-29251267

## 7637	chr2 29251211	-	G	71	chr2:29251104-29251267
## 7638	chr2 29251212	+	T	166	chr2:29251104-29251267
## 7639	chr2 29251212	-	T	72	chr2:29251104-29251267
## 7640	chr2 29251213	+	G	163	chr2:29251104-29251267
## 7641	chr2 29251213	-	G	83	chr2:29251104-29251267
## 7642	chr2 29251214	-	A	1	chr2:29251104-29251267
## 7643	chr2 29251214	+	C	143	chr2:29251104-29251267
## 7644	chr2 29251214	-	C	83	chr2:29251104-29251267
## 7645	chr2 29251215	+	C	146	chr2:29251104-29251267
## 7646	chr2 29251215	-	C	93	chr2:29251104-29251267
## 7647	chr2 29251216	+	T	143	chr2:29251104-29251267
## 7648	chr2 29251216	-	T	88	chr2:29251104-29251267
## 7649	chr2 29251217	+	G	140	chr2:29251104-29251267
## 7650	chr2 29251217	-	G	92	chr2:29251104-29251267
## 7651	chr2 29251218	+	G	131	chr2:29251104-29251267
## 7652	chr2 29251218	-	G	92	chr2:29251104-29251267
## 7653	chr2 29251219	+	G	131	chr2:29251104-29251267
## 7654	chr2 29251219	-	G	109	chr2:29251104-29251267
## 7655	chr2 29251220	-	G	1	chr2:29251104-29251267
## 7656	chr2 29251220	+	T	130	chr2:29251104-29251267
## 7657	chr2 29251220	-	T	117	chr2:29251104-29251267
## 7658	chr2 29251221	+	G	130	chr2:29251104-29251267
## 7659	chr2 29251221	-	G	120	chr2:29251104-29251267
## 7660	chr2 29251222	+	C	1	chr2:29251104-29251267
## 7661	chr2 29251222	+	G	128	chr2:29251104-29251267
## 7662	chr2 29251222	-	G	120	chr2:29251104-29251267
## 7663	chr2 29251223	+	G	129	chr2:29251104-29251267
## 7664	chr2 29251223	-	G	121	chr2:29251104-29251267
## 7665	chr2 29251224	+	G	129	chr2:29251104-29251267
## 7666	chr2 29251224	-	G	121	chr2:29251104-29251267
## 7667	chr2 29251225	+	C	129	chr2:29251104-29251267
## 7668	chr2 29251225	-	C	121	chr2:29251104-29251267
## 7669	chr2 29251226	+	C	129	chr2:29251104-29251267
## 7670	chr2 29251226	-	C	121	chr2:29251104-29251267
## 7671	chr2 29251227	+	A	129	chr2:29251104-29251267
## 7672	chr2 29251227	-	A	121	chr2:29251104-29251267
## 7673	chr2 29251228	+	T	128	chr2:29251104-29251267
## 7674	chr2 29251228	-	T	122	chr2:29251104-29251267
## 7675	chr2 29251229	+	G	128	chr2:29251104-29251267
## 7676	chr2 29251229	-	G	122	chr2:29251104-29251267
## 7677	chr2 29251230	+	G	128	chr2:29251104-29251267
## 7678	chr2 29251230	-	G	122	chr2:29251104-29251267
## 7679	chr2 29251231	+	G	128	chr2:29251104-29251267
## 7680	chr2 29251231	-	G	122	chr2:29251104-29251267
## 7681	chr2 29251232	+	G	128	chr2:29251104-29251267
## 7682	chr2 29251232	-	G	122	chr2:29251104-29251267
## 7683	chr2 29251233	+	C	127	chr2:29251104-29251267
## 7684	chr2 29251233	-	C	123	chr2:29251104-29251267
## 7685	chr2 29251234	+	C	126	chr2:29251104-29251267
## 7686	chr2 29251234	-	C	124	chr2:29251104-29251267
## 7687	chr2 29251235	+	C	125	chr2:29251104-29251267
## 7688	chr2 29251235	-	C	125	chr2:29251104-29251267
## 7689	chr2 29251236	+	G	125	chr2:29251104-29251267
## 7690	chr2 29251236	-	G	125	chr2:29251104-29251267

## 7691	chr2 29251237	+	C	125	chr2:29251104-29251267
## 7692	chr2 29251237	-	C	125	chr2:29251104-29251267
## 7693	chr2 29251238	+	A	1	chr2:29251104-29251267
## 7694	chr2 29251238	+	T	124	chr2:29251104-29251267
## 7695	chr2 29251238	-	T	125	chr2:29251104-29251267
## 7696	chr2 29251239	+	G	126	chr2:29251104-29251267
## 7697	chr2 29251239	-	G	124	chr2:29251104-29251267
## 7698	chr2 29251240	+	G	126	chr2:29251104-29251267
## 7699	chr2 29251240	-	G	124	chr2:29251104-29251267
## 7700	chr2 29251241	+	C	126	chr2:29251104-29251267
## 7701	chr2 29251241	-	C	124	chr2:29251104-29251267
## 7702	chr2 29251242	+	C	125	chr2:29251104-29251267
## 7703	chr2 29251242	-	C	125	chr2:29251104-29251267
## 7704	chr2 29251243	+	C	125	chr2:29251104-29251267
## 7705	chr2 29251243	-	C	124	chr2:29251104-29251267
## 7706	chr2 29251244	+	C	124	chr2:29251104-29251267
## 7707	chr2 29251244	-	C	125	chr2:29251104-29251267
## 7708	chr2 29251244	+	T	1	chr2:29251104-29251267
## 7709	chr2 29251245	+	A	124	chr2:29251104-29251267
## 7710	chr2 29251245	-	A	126	chr2:29251104-29251267
## 7711	chr2 29251246	+	C	122	chr2:29251104-29251267
## 7712	chr2 29251246	-	C	123	chr2:29251104-29251267
## 7713	chr2 29251247	+	A	123	chr2:29251104-29251267
## 7714	chr2 29251247	-	A	125	chr2:29251104-29251267
## 7715	chr2 29251248	+	T	124	chr2:29251104-29251267
## 7716	chr2 29251248	-	T	126	chr2:29251104-29251267
## 7717	chr2 29251249	+	G	124	chr2:29251104-29251267
## 7718	chr2 29251249	-	G	126	chr2:29251104-29251267
## 7719	chr2 29251250	+	T	124	chr2:29251104-29251267
## 7720	chr2 29251250	-	T	126	chr2:29251104-29251267
## 7721	chr2 29251251	+	G	124	chr2:29251104-29251267
## 7722	chr2 29251251	-	G	125	chr2:29251104-29251267
## 7723	chr2 29251251	-	T	1	chr2:29251104-29251267
## 7724	chr2 29251252	+	G	124	chr2:29251104-29251267
## 7725	chr2 29251252	-	G	126	chr2:29251104-29251267
## 7726	chr2 29251253	+	T	124	chr2:29251104-29251267
## 7727	chr2 29251253	-	T	126	chr2:29251104-29251267
## 7728	chr2 29251254	+	G	124	chr2:29251104-29251267
## 7729	chr2 29251254	-	G	125	chr2:29251104-29251267
## 7730	chr2 29251255	+	A	125	chr2:29251104-29251267
## 7731	chr2 29251255	-	A	125	chr2:29251104-29251267
## 7732	chr2 29251256	+	A	123	chr2:29251104-29251267
## 7733	chr2 29251256	-	A	125	chr2:29251104-29251267
## 7734	chr2 29251256	+	G	1	chr2:29251104-29251267
## 7735	chr2 29251257	+	C	123	chr2:29251104-29251267
## 7736	chr2 29251257	-	C	127	chr2:29251104-29251267
## 7737	chr2 29251258	+	A	121	chr2:29251104-29251267
## 7738	chr2 29251258	-	A	126	chr2:29251104-29251267
## 7739	chr2 29251258	+	C	1	chr2:29251104-29251267
## 7740	chr2 29251258	-	C	1	chr2:29251104-29251267
## 7741	chr2 29251259	+	G	120	chr2:29251104-29251267
## 7742	chr2 29251259	-	G	128	chr2:29251104-29251267
## 7743	chr2 29251260	+	C	119	chr2:29251104-29251267
## 7744	chr2 29251260	-	C	129	chr2:29251104-29251267

## 7745	chr2 29251261	+	C	117	chr2:29251104-29251267
## 7746	chr2 29251261	-	C	132	chr2:29251104-29251267
## 7747	chr2 29251261	+	G	1	chr2:29251104-29251267
## 7748	chr2 29251262	+	A	117	chr2:29251104-29251267
## 7749	chr2 29251262	-	A	133	chr2:29251104-29251267
## 7750	chr2 29251263	+	A	114	chr2:29251104-29251267
## 7751	chr2 29251263	-	A	133	chr2:29251104-29251267
## 7752	chr2 29251264	+	T	113	chr2:29251104-29251267
## 7753	chr2 29251264	-	T	136	chr2:29251104-29251267
## 7754	chr2 29251265	+	G	111	chr2:29251104-29251267
## 7755	chr2 29251265	-	G	136	chr2:29251104-29251267
## 7756	chr2 29251266	+	A	108	chr2:29251104-29251267
## 7757	chr2 29251266	-	A	139	chr2:29251104-29251267
## 7758	chr2 29251266	+	C	1	chr2:29251104-29251267
## 7759	chr2 29251267	+	A	107	chr2:29251104-29251267
## 7760	chr2 29251267	-	A	135	chr2:29251104-29251267
## 7761	chr2 29275098	+	C	248	chr2:29275098-29275227
## 7762	chr2 29275098	-	C	56	chr2:29275098-29275227
## 7763	chr2 29275099	+	A	1	chr2:29275098-29275227
## 7764	chr2 29275099	+	C	230	chr2:29275098-29275227
## 7765	chr2 29275099	-	C	57	chr2:29275098-29275227
## 7766	chr2 29275100	+	T	216	chr2:29275098-29275227
## 7767	chr2 29275100	-	T	56	chr2:29275098-29275227
## 7768	chr2 29275101	+	G	213	chr2:29275098-29275227
## 7769	chr2 29275101	-	G	56	chr2:29275098-29275227
## 7770	chr2 29275102	+	T	204	chr2:29275098-29275227
## 7771	chr2 29275102	-	T	53	chr2:29275098-29275227
## 7772	chr2 29275103	+	A	181	chr2:29275098-29275227
## 7773	chr2 29275103	-	A	53	chr2:29275098-29275227
## 7774	chr2 29275104	+	G	188	chr2:29275098-29275227
## 7775	chr2 29275104	-	G	51	chr2:29275098-29275227
## 7776	chr2 29275104	+	T	1	chr2:29275098-29275227
## 7777	chr2 29275105	+	G	184	chr2:29275098-29275227
## 7778	chr2 29275105	-	G	56	chr2:29275098-29275227
## 7779	chr2 29275106	+	C	1	chr2:29275098-29275227
## 7780	chr2 29275106	+	G	193	chr2:29275098-29275227
## 7781	chr2 29275106	-	G	51	chr2:29275098-29275227
## 7782	chr2 29275107	-	C	1	chr2:29275098-29275227
## 7783	chr2 29275107	+	T	191	chr2:29275098-29275227
## 7784	chr2 29275107	-	T	49	chr2:29275098-29275227
## 7785	chr2 29275108	+	C	177	chr2:29275098-29275227
## 7786	chr2 29275108	-	C	53	chr2:29275098-29275227
## 7787	chr2 29275109	+	A	180	chr2:29275098-29275227
## 7788	chr2 29275109	-	A	57	chr2:29275098-29275227
## 7789	chr2 29275110	+	A	175	chr2:29275098-29275227
## 7790	chr2 29275110	-	A	60	chr2:29275098-29275227
## 7791	chr2 29275111	+	A	174	chr2:29275098-29275227
## 7792	chr2 29275111	-	A	60	chr2:29275098-29275227
## 7793	chr2 29275112	+	G	172	chr2:29275098-29275227
## 7794	chr2 29275112	-	G	57	chr2:29275098-29275227
## 7795	chr2 29275112	+	T	3	chr2:29275098-29275227
## 7796	chr2 29275113	+	A	171	chr2:29275098-29275227
## 7797	chr2 29275113	-	A	53	chr2:29275098-29275227
## 7798	chr2 29275114	+	T	168	chr2:29275098-29275227

## 7799	chr2 29275114	-	T	45	chr2:29275098-29275227
## 7800	chr2 29275115	+	G	164	chr2:29275098-29275227
## 7801	chr2 29275115	-	G	61	chr2:29275098-29275227
## 7802	chr2 29275116	+	G	171	chr2:29275098-29275227
## 7803	chr2 29275116	-	G	61	chr2:29275098-29275227
## 7804	chr2 29275117	+	G	175	chr2:29275098-29275227
## 7805	chr2 29275117	-	G	63	chr2:29275098-29275227
## 7806	chr2 29275118	+	G	178	chr2:29275098-29275227
## 7807	chr2 29275118	-	G	53	chr2:29275098-29275227
## 7808	chr2 29275119	+	G	194	chr2:29275098-29275227
## 7809	chr2 29275119	-	G	51	chr2:29275098-29275227
## 7810	chr2 29275120	+	T	196	chr2:29275098-29275227
## 7811	chr2 29275120	-	T	51	chr2:29275098-29275227
## 7812	chr2 29275121	+	C	199	chr2:29275098-29275227
## 7813	chr2 29275121	-	C	51	chr2:29275098-29275227
## 7814	chr2 29275122	+	T	199	chr2:29275098-29275227
## 7815	chr2 29275122	-	T	51	chr2:29275098-29275227
## 7816	chr2 29275123	+	G	199	chr2:29275098-29275227
## 7817	chr2 29275123	-	G	51	chr2:29275098-29275227
## 7818	chr2 29275124	+	T	199	chr2:29275098-29275227
## 7819	chr2 29275124	-	T	51	chr2:29275098-29275227
## 7820	chr2 29275125	+	C	199	chr2:29275098-29275227
## 7821	chr2 29275125	-	C	51	chr2:29275098-29275227
## 7822	chr2 29275126	+	T	199	chr2:29275098-29275227
## 7823	chr2 29275126	-	T	51	chr2:29275098-29275227
## 7824	chr2 29275127	+	T	200	chr2:29275098-29275227
## 7825	chr2 29275127	-	T	50	chr2:29275098-29275227
## 7826	chr2 29275128	+	G	200	chr2:29275098-29275227
## 7827	chr2 29275128	-	G	50	chr2:29275098-29275227
## 7828	chr2 29275129	+	G	198	chr2:29275098-29275227
## 7829	chr2 29275129	-	G	50	chr2:29275098-29275227
## 7830	chr2 29275129	+	T	2	chr2:29275098-29275227
## 7831	chr2 29275130	-	A	1	chr2:29275098-29275227
## 7832	chr2 29275130	+	T	198	chr2:29275098-29275227
## 7833	chr2 29275130	-	T	49	chr2:29275098-29275227
## 7834	chr2 29275131	+	G	198	chr2:29275098-29275227
## 7835	chr2 29275131	-	G	52	chr2:29275098-29275227
## 7836	chr2 29275131	-	T	1	chr2:29275098-29275227
## 7837	chr2 29275132	+	A	198	chr2:29275098-29275227
## 7838	chr2 29275132	-	A	53	chr2:29275098-29275227
## 7839	chr2 29275133	+	A	199	chr2:29275098-29275227
## 7840	chr2 29275133	-	A	53	chr2:29275098-29275227
## 7841	chr2 29275134	+	A	1	chr2:29275098-29275227
## 7842	chr2 29275134	+	T	198	chr2:29275098-29275227
## 7843	chr2 29275134	-	T	53	chr2:29275098-29275227
## 7844	chr2 29275135	+	T	199	chr2:29275098-29275227
## 7845	chr2 29275135	-	T	53	chr2:29275098-29275227
## 7846	chr2 29275136	+	T	199	chr2:29275098-29275227
## 7847	chr2 29275136	-	T	53	chr2:29275098-29275227
## 7848	chr2 29275137	+	T	199	chr2:29275098-29275227
## 7849	chr2 29275137	-	T	53	chr2:29275098-29275227
## 7850	chr2 29275138	+	C	198	chr2:29275098-29275227
## 7851	chr2 29275138	-	C	53	chr2:29275098-29275227
## 7852	chr2 29275139	+	C	198	chr2:29275098-29275227

## 7853	chr2 29275139	-	C	53	chr2:29275098-29275227
## 7854	chr2 29275140	+	C	197	chr2:29275098-29275227
## 7855	chr2 29275140	-	C	53	chr2:29275098-29275227
## 7856	chr2 29275141	+	C	198	chr2:29275098-29275227
## 7857	chr2 29275141	-	C	53	chr2:29275098-29275227
## 7858	chr2 29275142	+	G	198	chr2:29275098-29275227
## 7859	chr2 29275142	-	G	53	chr2:29275098-29275227
## 7860	chr2 29275143	+	G	198	chr2:29275098-29275227
## 7861	chr2 29275143	-	G	53	chr2:29275098-29275227
## 7862	chr2 29275144	+	G	199	chr2:29275098-29275227
## 7863	chr2 29275144	-	G	52	chr2:29275098-29275227
## 7864	chr2 29275145	+	C	1	chr2:29275098-29275227
## 7865	chr2 29275145	+	T	198	chr2:29275098-29275227
## 7866	chr2 29275145	-	T	52	chr2:29275098-29275227
## 7867	chr2 29275146	+	T	199	chr2:29275098-29275227
## 7868	chr2 29275146	-	T	52	chr2:29275098-29275227
## 7869	chr2 29275147	+	T	199	chr2:29275098-29275227
## 7870	chr2 29275147	-	T	52	chr2:29275098-29275227
## 7871	chr2 29275148	+	C	199	chr2:29275098-29275227
## 7872	chr2 29275148	-	C	52	chr2:29275098-29275227
## 7873	chr2 29275149	+	A	199	chr2:29275098-29275227
## 7874	chr2 29275149	-	A	52	chr2:29275098-29275227
## 7875	chr2 29275150	+	G	199	chr2:29275098-29275227
## 7876	chr2 29275150	-	G	51	chr2:29275098-29275227
## 7877	chr2 29275151	+	C	198	chr2:29275098-29275227
## 7878	chr2 29275151	-	C	51	chr2:29275098-29275227
## 7879	chr2 29275152	+	T	200	chr2:29275098-29275227
## 7880	chr2 29275152	-	T	51	chr2:29275098-29275227
## 7881	chr2 29275153	+	A	1	chr2:29275098-29275227
## 7882	chr2 29275153	+	C	199	chr2:29275098-29275227
## 7883	chr2 29275153	-	C	51	chr2:29275098-29275227
## 7884	chr2 29275154	+	C	199	chr2:29275098-29275227
## 7885	chr2 29275154	-	C	52	chr2:29275098-29275227
## 7886	chr2 29275155	+	T	199	chr2:29275098-29275227
## 7887	chr2 29275155	-	T	51	chr2:29275098-29275227
## 7888	chr2 29275156	+	T	199	chr2:29275098-29275227
## 7889	chr2 29275156	-	T	51	chr2:29275098-29275227
## 7890	chr2 29275157	+	G	199	chr2:29275098-29275227
## 7891	chr2 29275157	-	G	51	chr2:29275098-29275227
## 7892	chr2 29275158	+	T	199	chr2:29275098-29275227
## 7893	chr2 29275158	-	T	51	chr2:29275098-29275227
## 7894	chr2 29275159	+	T	199	chr2:29275098-29275227
## 7895	chr2 29275159	-	T	51	chr2:29275098-29275227
## 7896	chr2 29275160	+	T	199	chr2:29275098-29275227
## 7897	chr2 29275160	-	T	51	chr2:29275098-29275227
## 7898	chr2 29275161	+	G	199	chr2:29275098-29275227
## 7899	chr2 29275161	-	G	51	chr2:29275098-29275227
## 7900	chr2 29275162	+	G	198	chr2:29275098-29275227
## 7901	chr2 29275162	-	G	51	chr2:29275098-29275227
## 7902	chr2 29275163	+	G	199	chr2:29275098-29275227
## 7903	chr2 29275163	-	G	51	chr2:29275098-29275227
## 7904	chr2 29275164	+	T	199	chr2:29275098-29275227
## 7905	chr2 29275164	-	T	51	chr2:29275098-29275227
## 7906	chr2 29275165	-	C	1	chr2:29275098-29275227

## 7907	chr2 29275165	+	T	198	chr2:29275098-29275227
## 7908	chr2 29275165	-	T	49	chr2:29275098-29275227
## 7909	chr2 29275166	+	T	199	chr2:29275098-29275227
## 7910	chr2 29275166	-	T	51	chr2:29275098-29275227
## 7911	chr2 29275167	+	C	199	chr2:29275098-29275227
## 7912	chr2 29275167	-	C	51	chr2:29275098-29275227
## 7913	chr2 29275168	+	T	199	chr2:29275098-29275227
## 7914	chr2 29275168	-	T	51	chr2:29275098-29275227
## 7915	chr2 29275169	+	C	199	chr2:29275098-29275227
## 7916	chr2 29275169	-	C	51	chr2:29275098-29275227
## 7917	chr2 29275170	+	T	194	chr2:29275098-29275227
## 7918	chr2 29275170	-	T	51	chr2:29275098-29275227
## 7919	chr2 29275171	+	C	199	chr2:29275098-29275227
## 7920	chr2 29275171	-	C	51	chr2:29275098-29275227
## 7921	chr2 29275172	+	A	199	chr2:29275098-29275227
## 7922	chr2 29275172	-	A	51	chr2:29275098-29275227
## 7923	chr2 29275173	+	A	199	chr2:29275098-29275227
## 7924	chr2 29275173	-	A	51	chr2:29275098-29275227
## 7925	chr2 29275174	+	A	200	chr2:29275098-29275227
## 7926	chr2 29275174	-	A	50	chr2:29275098-29275227
## 7927	chr2 29275175	+	C	200	chr2:29275098-29275227
## 7928	chr2 29275175	-	C	50	chr2:29275098-29275227
## 7929	chr2 29275176	+	A	200	chr2:29275098-29275227
## 7930	chr2 29275176	-	A	50	chr2:29275098-29275227
## 7931	chr2 29275177	+	G	200	chr2:29275098-29275227
## 7932	chr2 29275177	-	G	50	chr2:29275098-29275227
## 7933	chr2 29275178	+	G	199	chr2:29275098-29275227
## 7934	chr2 29275178	-	G	50	chr2:29275098-29275227
## 7935	chr2 29275179	+	T	190	chr2:29275098-29275227
## 7936	chr2 29275179	-	T	50	chr2:29275098-29275227
## 7937	chr2 29275180	+	T	189	chr2:29275098-29275227
## 7938	chr2 29275180	-	T	55	chr2:29275098-29275227
## 7939	chr2 29275181	+	T	182	chr2:29275098-29275227
## 7940	chr2 29275181	-	T	58	chr2:29275098-29275227
## 7941	chr2 29275182	+	C	178	chr2:29275098-29275227
## 7942	chr2 29275182	-	C	61	chr2:29275098-29275227
## 7943	chr2 29275183	+	T	178	chr2:29275098-29275227
## 7944	chr2 29275183	-	T	66	chr2:29275098-29275227
## 7945	chr2 29275184	+	T	175	chr2:29275098-29275227
## 7946	chr2 29275184	-	T	59	chr2:29275098-29275227
## 7947	chr2 29275185	+	G	174	chr2:29275098-29275227
## 7948	chr2 29275185	-	G	68	chr2:29275098-29275227
## 7949	chr2 29275186	+	A	167	chr2:29275098-29275227
## 7950	chr2 29275186	-	A	71	chr2:29275098-29275227
## 7951	chr2 29275187	+	T	167	chr2:29275098-29275227
## 7952	chr2 29275187	-	T	77	chr2:29275098-29275227
## 7953	chr2 29275188	+	T	165	chr2:29275098-29275227
## 7954	chr2 29275188	-	T	80	chr2:29275098-29275227
## 7955	chr2 29275189	+	T	161	chr2:29275098-29275227
## 7956	chr2 29275189	-	T	86	chr2:29275098-29275227
## 7957	chr2 29275190	+	G	162	chr2:29275098-29275227
## 7958	chr2 29275190	-	G	73	chr2:29275098-29275227
## 7959	chr2 29275191	+	A	1	chr2:29275098-29275227
## 7960	chr2 29275191	+	G	158	chr2:29275098-29275227

## 7961	chr2 29275191	-	G	80	chr2:29275098-29275227
## 7962	chr2 29275192	+	G	148	chr2:29275098-29275227
## 7963	chr2 29275192	-	G	82	chr2:29275098-29275227
## 7964	chr2 29275193	-	G	1	chr2:29275098-29275227
## 7965	chr2 29275193	+	T	136	chr2:29275098-29275227
## 7966	chr2 29275193	-	T	82	chr2:29275098-29275227
## 7967	chr2 29275194	+	G	117	chr2:29275098-29275227
## 7968	chr2 29275194	-	G	85	chr2:29275098-29275227
## 7969	chr2 29275195	+	C	112	chr2:29275098-29275227
## 7970	chr2 29275195	-	C	97	chr2:29275098-29275227
## 7971	chr2 29275196	+	A	1	chr2:29275098-29275227
## 7972	chr2 29275196	+	T	109	chr2:29275098-29275227
## 7973	chr2 29275196	-	T	106	chr2:29275098-29275227
## 7974	chr2 29275197	+	G	110	chr2:29275098-29275227
## 7975	chr2 29275197	-	G	108	chr2:29275098-29275227
## 7976	chr2 29275198	+	T	117	chr2:29275098-29275227
## 7977	chr2 29275198	-	T	116	chr2:29275098-29275227
## 7978	chr2 29275199	+	A	118	chr2:29275098-29275227
## 7979	chr2 29275199	-	A	118	chr2:29275098-29275227
## 7980	chr2 29275200	+	T	119	chr2:29275098-29275227
## 7981	chr2 29275200	-	T	130	chr2:29275098-29275227
## 7982	chr2 29275201	+	T	119	chr2:29275098-29275227
## 7983	chr2 29275201	-	T	131	chr2:29275098-29275227
## 7984	chr2 29275202	+	C	118	chr2:29275098-29275227
## 7985	chr2 29275202	-	C	132	chr2:29275098-29275227
## 7986	chr2 29275203	+	T	117	chr2:29275098-29275227
## 7987	chr2 29275203	-	T	133	chr2:29275098-29275227
## 7988	chr2 29275204	+	G	117	chr2:29275098-29275227
## 7989	chr2 29275204	-	G	133	chr2:29275098-29275227
## 7990	chr2 29275205	+	C	117	chr2:29275098-29275227
## 7991	chr2 29275205	-	C	133	chr2:29275098-29275227
## 7992	chr2 29275206	+	A	117	chr2:29275098-29275227
## 7993	chr2 29275206	-	A	129	chr2:29275098-29275227
## 7994	chr2 29275206	+	G	1	chr2:29275098-29275227
## 7995	chr2 29275206	-	G	1	chr2:29275098-29275227
## 7996	chr2 29275207	+	G	117	chr2:29275098-29275227
## 7997	chr2 29275207	-	G	132	chr2:29275098-29275227
## 7998	chr2 29275207	+	T	1	chr2:29275098-29275227
## 7999	chr2 29275208	+	G	118	chr2:29275098-29275227
## 8000	chr2 29275208	-	G	132	chr2:29275098-29275227
## 8001	chr2 29275209	+	A	116	chr2:29275098-29275227
## 8002	chr2 29275209	-	A	133	chr2:29275098-29275227
## 8003	chr2 29275210	+	T	116	chr2:29275098-29275227
## 8004	chr2 29275210	-	T	133	chr2:29275098-29275227
## 8005	chr2 29275211	+	C	115	chr2:29275098-29275227
## 8006	chr2 29275211	-	C	135	chr2:29275098-29275227
## 8007	chr2 29275212	+	T	115	chr2:29275098-29275227
## 8008	chr2 29275212	-	T	135	chr2:29275098-29275227
## 8009	chr2 29275213	+	T	114	chr2:29275098-29275227
## 8010	chr2 29275213	-	T	136	chr2:29275098-29275227
## 8011	chr2 29275214	+	G	112	chr2:29275098-29275227
## 8012	chr2 29275214	-	G	137	chr2:29275098-29275227
## 8013	chr2 29275215	+	T	112	chr2:29275098-29275227
## 8014	chr2 29275215	-	T	138	chr2:29275098-29275227

## 8015	chr2 29275216	+	C	112	chr2:29275098-29275227
## 8016	chr2 29275216	-	C	138	chr2:29275098-29275227
## 8017	chr2 29275217	+	C	110	chr2:29275098-29275227
## 8018	chr2 29275217	-	C	139	chr2:29275098-29275227
## 8019	chr2 29275218	+	T	109	chr2:29275098-29275227
## 8020	chr2 29275218	-	T	141	chr2:29275098-29275227
## 8021	chr2 29275219	+	C	108	chr2:29275098-29275227
## 8022	chr2 29275219	-	C	142	chr2:29275098-29275227
## 8023	chr2 29275220	+	T	107	chr2:29275098-29275227
## 8024	chr2 29275220	-	T	143	chr2:29275098-29275227
## 8025	chr2 29275221	+	C	107	chr2:29275098-29275227
## 8026	chr2 29275221	-	C	143	chr2:29275098-29275227
## 8027	chr2 29275222	+	C	106	chr2:29275098-29275227
## 8028	chr2 29275222	-	C	141	chr2:29275098-29275227
## 8029	chr2 29275222	+	G	1	chr2:29275098-29275227
## 8030	chr2 29275222	-	T	2	chr2:29275098-29275227
## 8031	chr2 29275223	+	A	1	chr2:29275098-29275227
## 8032	chr2 29275223	+	G	105	chr2:29275098-29275227
## 8033	chr2 29275223	-	G	144	chr2:29275098-29275227
## 8034	chr2 29275224	+	C	106	chr2:29275098-29275227
## 8035	chr2 29275224	-	C	144	chr2:29275098-29275227
## 8036	chr2 29275225	+	A	1	chr2:29275098-29275227
## 8037	chr2 29275225	+	T	104	chr2:29275098-29275227
## 8038	chr2 29275225	-	T	144	chr2:29275098-29275227
## 8039	chr2 29275226	+	A	104	chr2:29275098-29275227
## 8040	chr2 29275226	-	A	143	chr2:29275098-29275227
## 8041	chr2 29275227	+	A	104	chr2:29275098-29275227
## 8042	chr2 29275227	-	A	144	chr2:29275098-29275227
## 8043	chr2 29275401	+	C	300	chr2:29275401-29275496
## 8044	chr2 29275401	-	C	5	chr2:29275401-29275496
## 8045	chr2 29275402	+	T	301	chr2:29275401-29275496
## 8046	chr2 29275402	-	T	3	chr2:29275401-29275496
## 8047	chr2 29275403	+	G	293	chr2:29275401-29275496
## 8048	chr2 29275403	-	G	3	chr2:29275401-29275496
## 8049	chr2 29275404	+	G	285	chr2:29275401-29275496
## 8050	chr2 29275404	-	G	3	chr2:29275401-29275496
## 8051	chr2 29275405	+	T	285	chr2:29275401-29275496
## 8052	chr2 29275405	-	T	1	chr2:29275401-29275496
## 8053	chr2 29275406	+	G	271	chr2:29275401-29275496
## 8054	chr2 29275406	-	G	1	chr2:29275401-29275496
## 8055	chr2 29275407	+	A	264	chr2:29275401-29275496
## 8056	chr2 29275407	-	A	1	chr2:29275401-29275496
## 8057	chr2 29275408	+	G	236	chr2:29275401-29275496
## 8058	chr2 29275408	-	G	1	chr2:29275401-29275496
## 8059	chr2 29275409	+	G	238	chr2:29275401-29275496
## 8060	chr2 29275409	-	G	1	chr2:29275401-29275496
## 8061	chr2 29275410	+	T	239	chr2:29275401-29275496
## 8062	chr2 29275410	-	T	1	chr2:29275401-29275496
## 8063	chr2 29275411	+	A	238	chr2:29275401-29275496
## 8064	chr2 29275411	-	A	1	chr2:29275401-29275496
## 8065	chr2 29275412	+	G	234	chr2:29275401-29275496
## 8066	chr2 29275412	-	G	1	chr2:29275401-29275496
## 8067	chr2 29275413	+	C	234	chr2:29275401-29275496
## 8068	chr2 29275413	-	C	1	chr2:29275401-29275496

## 8069	chr2 29275414	+	A	234	chr2:29275401-29275496
## 8070	chr2 29275414	-	A	1	chr2:29275401-29275496
## 8071	chr2 29275415	+	G	232	chr2:29275401-29275496
## 8072	chr2 29275415	-	G	1	chr2:29275401-29275496
## 8073	chr2 29275416	+	A	1	chr2:29275401-29275496
## 8074	chr2 29275416	+	G	1	chr2:29275401-29275496
## 8075	chr2 29275416	+	T	235	chr2:29275401-29275496
## 8076	chr2 29275416	-	T	1	chr2:29275401-29275496
## 8077	chr2 29275417	+	C	229	chr2:29275401-29275496
## 8078	chr2 29275417	-	C	1	chr2:29275401-29275496
## 8079	chr2 29275418	+	C	242	chr2:29275401-29275496
## 8080	chr2 29275418	-	C	1	chr2:29275401-29275496
## 8081	chr2 29275419	+	A	232	chr2:29275401-29275496
## 8082	chr2 29275419	-	A	1	chr2:29275401-29275496
## 8083	chr2 29275420	+	G	240	chr2:29275401-29275496
## 8084	chr2 29275420	-	G	1	chr2:29275401-29275496
## 8085	chr2 29275421	+	G	250	chr2:29275401-29275496
## 8086	chr2 29275421	-	G	1	chr2:29275401-29275496
## 8087	chr2 29275422	+	C	246	chr2:29275401-29275496
## 8088	chr2 29275422	-	C	1	chr2:29275401-29275496
## 8089	chr2 29275423	+	T	248	chr2:29275401-29275496
## 8090	chr2 29275423	-	T	1	chr2:29275401-29275496
## 8091	chr2 29275424	+	G	249	chr2:29275401-29275496
## 8092	chr2 29275424	-	G	1	chr2:29275401-29275496
## 8093	chr2 29275425	+	A	249	chr2:29275401-29275496
## 8094	chr2 29275425	-	A	1	chr2:29275401-29275496
## 8095	chr2 29275426	+	T	249	chr2:29275401-29275496
## 8096	chr2 29275426	-	T	1	chr2:29275401-29275496
## 8097	chr2 29275427	+	G	250	chr2:29275401-29275496
## 8098	chr2 29275427	-	G	1	chr2:29275401-29275496
## 8099	chr2 29275428	+	G	250	chr2:29275401-29275496
## 8100	chr2 29275428	-	G	1	chr2:29275401-29275496
## 8101	chr2 29275429	+	A	250	chr2:29275401-29275496
## 8102	chr2 29275429	-	A	1	chr2:29275401-29275496
## 8103	chr2 29275430	+	G	250	chr2:29275401-29275496
## 8104	chr2 29275430	-	G	1	chr2:29275401-29275496
## 8105	chr2 29275431	+	A	249	chr2:29275401-29275496
## 8106	chr2 29275431	-	A	1	chr2:29275401-29275496
## 8107	chr2 29275432	+	T	249	chr2:29275401-29275496
## 8108	chr2 29275432	-	T	1	chr2:29275401-29275496
## 8109	chr2 29275433	+	A	249	chr2:29275401-29275496
## 8110	chr2 29275433	-	A	1	chr2:29275401-29275496
## 8111	chr2 29275434	+	T	249	chr2:29275401-29275496
## 8112	chr2 29275434	-	T	1	chr2:29275401-29275496
## 8113	chr2 29275435	+	T	249	chr2:29275401-29275496
## 8114	chr2 29275436	+	G	251	chr2:29275401-29275496
## 8115	chr2 29275437	+	T	251	chr2:29275401-29275496
## 8116	chr2 29275438	+	C	251	chr2:29275401-29275496
## 8117	chr2 29275439	+	A	251	chr2:29275401-29275496
## 8118	chr2 29275440	+	A	251	chr2:29275401-29275496
## 8119	chr2 29275441	+	A	251	chr2:29275401-29275496
## 8120	chr2 29275442	+	A	251	chr2:29275401-29275496
## 8121	chr2 29275443	+	G	252	chr2:29275401-29275496
## 8122	chr2 29275444	+	C	252	chr2:29275401-29275496

## 8123	chr2 29275445	+	C	252	chr2:29275401-29275496
## 8124	chr2 29275446	+	A	252	chr2:29275401-29275496
## 8125	chr2 29275447	+	C	250	chr2:29275401-29275496
## 8126	chr2 29275447	+	T	1	chr2:29275401-29275496
## 8127	chr2 29275448	+	G	251	chr2:29275401-29275496
## 8128	chr2 29275449	+	A	251	chr2:29275401-29275496
## 8129	chr2 29275450	+	T	251	chr2:29275401-29275496
## 8130	chr2 29275451	+	G	251	chr2:29275401-29275496
## 8131	chr2 29275452	+	G	251	chr2:29275401-29275496
## 8132	chr2 29275453	+	C	251	chr2:29275401-29275496
## 8133	chr2 29275454	+	T	252	chr2:29275401-29275496
## 8134	chr2 29275455	+	C	252	chr2:29275401-29275496
## 8135	chr2 29275456	+	T	252	chr2:29275401-29275496
## 8136	chr2 29275457	+	G	252	chr2:29275401-29275496
## 8137	chr2 29275458	+	G	251	chr2:29275401-29275496
## 8138	chr2 29275458	+	T	1	chr2:29275401-29275496
## 8139	chr2 29275459	+	A	252	chr2:29275401-29275496
## 8140	chr2 29275460	+	T	252	chr2:29275401-29275496
## 8141	chr2 29275461	+	C	252	chr2:29275401-29275496
## 8142	chr2 29275462	+	C	252	chr2:29275401-29275496
## 8143	chr2 29275463	+	T	252	chr2:29275401-29275496
## 8144	chr2 29275464	+	T	252	chr2:29275401-29275496
## 8145	chr2 29275465	+	G	252	chr2:29275401-29275496
## 8146	chr2 29275466	+	G	2	chr2:29275401-29275496
## 8147	chr2 29275466	+	T	250	chr2:29275401-29275496
## 8148	chr2 29275467	+	C	252	chr2:29275401-29275496
## 8149	chr2 29275468	+	C	251	chr2:29275401-29275496
## 8150	chr2 29275468	+	T	1	chr2:29275401-29275496
## 8151	chr2 29275469	+	C	252	chr2:29275401-29275496
## 8152	chr2 29275470	+	C	252	chr2:29275401-29275496
## 8153	chr2 29275471	+	A	251	chr2:29275401-29275496
## 8154	chr2 29275472	+	C	251	chr2:29275401-29275496
## 8155	chr2 29275473	+	C	251	chr2:29275401-29275496
## 8156	chr2 29275474	+	A	251	chr2:29275401-29275496
## 8157	chr2 29275475	+	T	251	chr2:29275401-29275496
## 8158	chr2 29275476	+	G	251	chr2:29275401-29275496
## 8159	chr2 29275477	+	C	250	chr2:29275401-29275496
## 8160	chr2 29275478	+	A	1	chr2:29275401-29275496
## 8161	chr2 29275478	+	G	249	chr2:29275401-29275496
## 8162	chr2 29275479	+	A	249	chr2:29275401-29275496
## 8163	chr2 29275479	+	C	1	chr2:29275401-29275496
## 8164	chr2 29275480	+	C	250	chr2:29275401-29275496
## 8165	chr2 29275481	+	A	1	chr2:29275401-29275496
## 8166	chr2 29275481	+	C	248	chr2:29275401-29275496
## 8167	chr2 29275482	+	A	249	chr2:29275401-29275496
## 8168	chr2 29275483	+	A	2	chr2:29275401-29275496
## 8169	chr2 29275483	+	T	247	chr2:29275401-29275496
## 8170	chr2 29275484	+	C	235	chr2:29275401-29275496
## 8171	chr2 29275484	+	G	3	chr2:29275401-29275496
## 8172	chr2 29275485	+	A	2	chr2:29275401-29275496
## 8173	chr2 29275485	+	T	235	chr2:29275401-29275496
## 8174	chr2 29275485	-	T	2	chr2:29275401-29275496
## 8175	chr2 29275486	+	G	227	chr2:29275401-29275496
## 8176	chr2 29275486	-	G	13	chr2:29275401-29275496

## 8177	chr2 29275487	+	C	215	chr2:29275401-29275496
## 8178	chr2 29275487	-	C	24	chr2:29275401-29275496
## 8179	chr2 29275488	+	A	201	chr2:29275401-29275496
## 8180	chr2 29275488	-	A	34	chr2:29275401-29275496
## 8181	chr2 29275489	+	G	199	chr2:29275401-29275496
## 8182	chr2 29275489	-	G	37	chr2:29275401-29275496
## 8183	chr2 29275490	+	C	188	chr2:29275401-29275496
## 8184	chr2 29275490	-	C	47	chr2:29275401-29275496
## 8185	chr2 29275491	+	C	174	chr2:29275401-29275496
## 8186	chr2 29275491	-	C	60	chr2:29275401-29275496
## 8187	chr2 29275492	+	A	167	chr2:29275401-29275496
## 8188	chr2 29275492	-	A	68	chr2:29275401-29275496
## 8189	chr2 29275493	+	G	151	chr2:29275401-29275496
## 8190	chr2 29275493	-	G	79	chr2:29275401-29275496
## 8191	chr2 29275494	+	A	141	chr2:29275401-29275496
## 8192	chr2 29275494	-	A	99	chr2:29275401-29275496
## 8193	chr2 29275494	+	C	1	chr2:29275401-29275496
## 8194	chr2 29275495	+	A	128	chr2:29275401-29275496
## 8195	chr2 29275495	-	A	106	chr2:29275401-29275496
## 8196	chr2 29275495	-	T	1	chr2:29275401-29275496
## 8197	chr2 29275496	+	C	122	chr2:29275401-29275496
## 8198	chr2 29275496	-	C	119	chr2:29275401-29275496
## 8199	chr2 29275496	-	G	1	chr2:29275401-29275496
## 8200	chr2 29296887	+	C	251	chr2:29296887-29297057
## 8201	chr2 29296887	-	C	60	chr2:29296887-29297057
## 8202	chr2 29296888	+	C	243	chr2:29296887-29297057
## 8203	chr2 29296888	-	C	59	chr2:29296887-29297057
## 8204	chr2 29296889	+	T	238	chr2:29296887-29297057
## 8205	chr2 29296889	-	T	58	chr2:29296887-29297057
## 8206	chr2 29296890	+	G	230	chr2:29296887-29297057
## 8207	chr2 29296890	-	G	54	chr2:29296887-29297057
## 8208	chr2 29296891	+	T	221	chr2:29296887-29297057
## 8209	chr2 29296891	-	T	50	chr2:29296887-29297057
## 8210	chr2 29296892	+	C	203	chr2:29296887-29297057
## 8211	chr2 29296892	-	C	48	chr2:29296887-29297057
## 8212	chr2 29296893	+	A	183	chr2:29296887-29297057
## 8213	chr2 29296893	-	A	48	chr2:29296887-29297057
## 8214	chr2 29296894	+	G	191	chr2:29296887-29297057
## 8215	chr2 29296894	-	G	46	chr2:29296887-29297057
## 8216	chr2 29296895	+	A	185	chr2:29296887-29297057
## 8217	chr2 29296895	-	A	43	chr2:29296887-29297057
## 8218	chr2 29296896	+	C	193	chr2:29296887-29297057
## 8219	chr2 29296896	-	C	41	chr2:29296887-29297057
## 8220	chr2 29296897	+	A	198	chr2:29296887-29297057
## 8221	chr2 29296897	-	A	37	chr2:29296887-29297057
## 8222	chr2 29296898	+	C	200	chr2:29296887-29297057
## 8223	chr2 29296898	-	C	31	chr2:29296887-29297057
## 8224	chr2 29296899	+	A	213	chr2:29296887-29297057
## 8225	chr2 29296899	-	A	31	chr2:29296887-29297057
## 8226	chr2 29296900	+	T	205	chr2:29296887-29297057
## 8227	chr2 29296900	-	T	21	chr2:29296887-29297057
## 8228	chr2 29296901	+	C	210	chr2:29296887-29297057
## 8229	chr2 29296901	-	C	12	chr2:29296887-29297057
## 8230	chr2 29296901	+	T	1	chr2:29296887-29297057

## 8231	chr2 29296902	+	G	212	chr2:29296887-29297057
## 8232	chr2 29296902	-	G	12	chr2:29296887-29297057
## 8233	chr2 29296903	+	A	222	chr2:29296887-29297057
## 8234	chr2 29296903	-	A	24	chr2:29296887-29297057
## 8235	chr2 29296904	+	G	226	chr2:29296887-29297057
## 8236	chr2 29296904	-	G	24	chr2:29296887-29297057
## 8237	chr2 29296905	+	G	226	chr2:29296887-29297057
## 8238	chr2 29296905	-	G	24	chr2:29296887-29297057
## 8239	chr2 29296906	+	A	226	chr2:29296887-29297057
## 8240	chr2 29296906	-	A	24	chr2:29296887-29297057
## 8241	chr2 29296907	+	C	1	chr2:29296887-29297057
## 8242	chr2 29296907	+	G	225	chr2:29296887-29297057
## 8243	chr2 29296907	-	G	24	chr2:29296887-29297057
## 8244	chr2 29296908	+	A	225	chr2:29296887-29297057
## 8245	chr2 29296908	-	A	24	chr2:29296887-29297057
## 8246	chr2 29296909	+	G	224	chr2:29296887-29297057
## 8247	chr2 29296909	-	G	24	chr2:29296887-29297057
## 8248	chr2 29296909	+	T	3	chr2:29296887-29297057
## 8249	chr2 29296910	+	G	227	chr2:29296887-29297057
## 8250	chr2 29296910	-	G	24	chr2:29296887-29297057
## 8251	chr2 29296911	+	C	227	chr2:29296887-29297057
## 8252	chr2 29296911	-	C	24	chr2:29296887-29297057
## 8253	chr2 29296912	+	A	227	chr2:29296887-29297057
## 8254	chr2 29296912	-	A	24	chr2:29296887-29297057
## 8255	chr2 29296913	+	A	226	chr2:29296887-29297057
## 8256	chr2 29296913	-	A	24	chr2:29296887-29297057
## 8257	chr2 29296913	+	T	1	chr2:29296887-29297057
## 8258	chr2 29296914	+	C	227	chr2:29296887-29297057
## 8259	chr2 29296914	-	C	24	chr2:29296887-29297057
## 8260	chr2 29296915	+	A	227	chr2:29296887-29297057
## 8261	chr2 29296915	-	A	24	chr2:29296887-29297057
## 8262	chr2 29296916	+	C	227	chr2:29296887-29297057
## 8263	chr2 29296916	-	C	24	chr2:29296887-29297057
## 8264	chr2 29296917	+	C	227	chr2:29296887-29297057
## 8265	chr2 29296917	-	C	24	chr2:29296887-29297057
## 8266	chr2 29296918	+	A	227	chr2:29296887-29297057
## 8267	chr2 29296918	-	A	24	chr2:29296887-29297057
## 8268	chr2 29296919	+	T	227	chr2:29296887-29297057
## 8269	chr2 29296919	-	T	24	chr2:29296887-29297057
## 8270	chr2 29296920	+	C	227	chr2:29296887-29297057
## 8271	chr2 29296920	-	C	24	chr2:29296887-29297057
## 8272	chr2 29296921	+	A	1	chr2:29296887-29297057
## 8273	chr2 29296921	+	C	225	chr2:29296887-29297057
## 8274	chr2 29296921	-	C	24	chr2:29296887-29297057
## 8275	chr2 29296921	+	G	1	chr2:29296887-29297057
## 8276	chr2 29296922	+	A	226	chr2:29296887-29297057
## 8277	chr2 29296922	-	A	24	chr2:29296887-29297057
## 8278	chr2 29296922	+	T	1	chr2:29296887-29297057
## 8279	chr2 29296923	+	C	227	chr2:29296887-29297057
## 8280	chr2 29296923	-	C	24	chr2:29296887-29297057
## 8281	chr2 29296924	+	T	227	chr2:29296887-29297057
## 8282	chr2 29296924	-	T	24	chr2:29296887-29297057
## 8283	chr2 29296925	+	G	227	chr2:29296887-29297057
## 8284	chr2 29296925	-	G	24	chr2:29296887-29297057

## 8285	chr2 29296926	+	C	227	chr2:29296887-29297057
## 8286	chr2 29296926	-	C	24	chr2:29296887-29297057
## 8287	chr2 29296927	+	C	227	chr2:29296887-29297057
## 8288	chr2 29296927	-	C	24	chr2:29296887-29297057
## 8289	chr2 29296928	+	A	227	chr2:29296887-29297057
## 8290	chr2 29296928	-	A	24	chr2:29296887-29297057
## 8291	chr2 29296929	+	C	227	chr2:29296887-29297057
## 8292	chr2 29296929	-	C	24	chr2:29296887-29297057
## 8293	chr2 29296930	+	A	227	chr2:29296887-29297057
## 8294	chr2 29296930	-	A	24	chr2:29296887-29297057
## 8295	chr2 29296931	+	G	227	chr2:29296887-29297057
## 8296	chr2 29296931	-	G	24	chr2:29296887-29297057
## 8297	chr2 29296932	+	G	227	chr2:29296887-29297057
## 8298	chr2 29296932	-	G	24	chr2:29296887-29297057
## 8299	chr2 29296933	+	C	227	chr2:29296887-29297057
## 8300	chr2 29296933	-	C	24	chr2:29296887-29297057
## 8301	chr2 29296934	+	T	227	chr2:29296887-29297057
## 8302	chr2 29296934	-	T	24	chr2:29296887-29297057
## 8303	chr2 29296935	+	C	227	chr2:29296887-29297057
## 8304	chr2 29296935	-	C	24	chr2:29296887-29297057
## 8305	chr2 29296936	+	A	227	chr2:29296887-29297057
## 8306	chr2 29296936	-	A	24	chr2:29296887-29297057
## 8307	chr2 29296937	+	A	227	chr2:29296887-29297057
## 8308	chr2 29296937	-	A	24	chr2:29296887-29297057
## 8309	chr2 29296938	+	G	226	chr2:29296887-29297057
## 8310	chr2 29296938	-	G	24	chr2:29296887-29297057
## 8311	chr2 29296938	+	T	1	chr2:29296887-29297057
## 8312	chr2 29296939	+	C	227	chr2:29296887-29297057
## 8313	chr2 29296939	-	C	24	chr2:29296887-29297057
## 8314	chr2 29296940	+	C	226	chr2:29296887-29297057
## 8315	chr2 29296940	-	C	24	chr2:29296887-29297057
## 8316	chr2 29296941	+	T	227	chr2:29296887-29297057
## 8317	chr2 29296941	-	T	23	chr2:29296887-29297057
## 8318	chr2 29296942	+	T	227	chr2:29296887-29297057
## 8319	chr2 29296942	-	T	23	chr2:29296887-29297057
## 8320	chr2 29296943	+	A	1	chr2:29296887-29297057
## 8321	chr2 29296943	+	C	226	chr2:29296887-29297057
## 8322	chr2 29296943	-	C	23	chr2:29296887-29297057
## 8323	chr2 29296944	+	A	226	chr2:29296887-29297057
## 8324	chr2 29296944	-	A	23	chr2:29296887-29297057
## 8325	chr2 29296944	+	G	1	chr2:29296887-29297057
## 8326	chr2 29296945	+	T	227	chr2:29296887-29297057
## 8327	chr2 29296945	-	T	23	chr2:29296887-29297057
## 8328	chr2 29296946	+	A	227	chr2:29296887-29297057
## 8329	chr2 29296946	-	A	23	chr2:29296887-29297057
## 8330	chr2 29296947	+	G	227	chr2:29296887-29297057
## 8331	chr2 29296947	-	G	23	chr2:29296887-29297057
## 8332	chr2 29296948	+	G	227	chr2:29296887-29297057
## 8333	chr2 29296948	-	G	23	chr2:29296887-29297057
## 8334	chr2 29296949	+	C	226	chr2:29296887-29297057
## 8335	chr2 29296949	-	C	23	chr2:29296887-29297057
## 8336	chr2 29296949	+	T	1	chr2:29296887-29297057
## 8337	chr2 29296950	+	G	227	chr2:29296887-29297057
## 8338	chr2 29296950	-	G	22	chr2:29296887-29297057

## 8339	chr2 29296951	+	G	227	chr2:29296887-29297057
## 8340	chr2 29296951	-	G	22	chr2:29296887-29297057
## 8341	chr2 29296952	+	C	227	chr2:29296887-29297057
## 8342	chr2 29296952	-	C	22	chr2:29296887-29297057
## 8343	chr2 29296952	+	T	1	chr2:29296887-29297057
## 8344	chr2 29296953	+	G	228	chr2:29296887-29297057
## 8345	chr2 29296953	-	G	22	chr2:29296887-29297057
## 8346	chr2 29296954	+	A	227	chr2:29296887-29297057
## 8347	chr2 29296954	-	A	22	chr2:29296887-29297057
## 8348	chr2 29296954	+	C	1	chr2:29296887-29297057
## 8349	chr2 29296955	+	C	228	chr2:29296887-29297057
## 8350	chr2 29296955	-	C	22	chr2:29296887-29297057
## 8351	chr2 29296956	+	A	227	chr2:29296887-29297057
## 8352	chr2 29296956	-	A	22	chr2:29296887-29297057
## 8353	chr2 29296957	+	T	228	chr2:29296887-29297057
## 8354	chr2 29296957	-	T	22	chr2:29296887-29297057
## 8355	chr2 29296958	+	G	228	chr2:29296887-29297057
## 8356	chr2 29296958	-	G	22	chr2:29296887-29297057
## 8357	chr2 29296959	+	C	228	chr2:29296887-29297057
## 8358	chr2 29296959	-	C	22	chr2:29296887-29297057
## 8359	chr2 29296960	+	C	226	chr2:29296887-29297057
## 8360	chr2 29296960	-	C	22	chr2:29296887-29297057
## 8361	chr2 29296960	+	T	2	chr2:29296887-29297057
## 8362	chr2 29296961	+	A	228	chr2:29296887-29297057
## 8363	chr2 29296961	-	A	22	chr2:29296887-29297057
## 8364	chr2 29296962	+	G	228	chr2:29296887-29297057
## 8365	chr2 29296962	-	G	22	chr2:29296887-29297057
## 8366	chr2 29296963	+	A	227	chr2:29296887-29297057
## 8367	chr2 29296963	-	A	22	chr2:29296887-29297057
## 8368	chr2 29296963	+	C	1	chr2:29296887-29297057
## 8369	chr2 29296964	+	C	228	chr2:29296887-29297057
## 8370	chr2 29296964	-	C	22	chr2:29296887-29297057
## 8371	chr2 29296965	+	A	1	chr2:29296887-29297057
## 8372	chr2 29296965	+	C	225	chr2:29296887-29297057
## 8373	chr2 29296965	-	C	22	chr2:29296887-29297057
## 8374	chr2 29296966	+	A	228	chr2:29296887-29297057
## 8375	chr2 29296966	-	A	22	chr2:29296887-29297057
## 8376	chr2 29296967	+	T	228	chr2:29296887-29297057
## 8377	chr2 29296967	-	T	22	chr2:29296887-29297057
## 8378	chr2 29296968	+	C	228	chr2:29296887-29297057
## 8379	chr2 29296968	-	C	22	chr2:29296887-29297057
## 8380	chr2 29296969	+	C	209	chr2:29296887-29297057
## 8381	chr2 29296969	-	C	22	chr2:29296887-29297057
## 8382	chr2 29296970	+	T	217	chr2:29296887-29297057
## 8383	chr2 29296970	-	T	22	chr2:29296887-29297057
## 8384	chr2 29296971	+	G	206	chr2:29296887-29297057
## 8385	chr2 29296971	-	G	22	chr2:29296887-29297057
## 8386	chr2 29296972	+	A	1	chr2:29296887-29297057
## 8387	chr2 29296972	+	C	212	chr2:29296887-29297057
## 8388	chr2 29296972	-	C	22	chr2:29296887-29297057
## 8389	chr2 29296973	+	C	223	chr2:29296887-29297057
## 8390	chr2 29296973	-	C	20	chr2:29296887-29297057
## 8391	chr2 29296974	+	T	212	chr2:29296887-29297057
## 8392	chr2 29296974	-	T	20	chr2:29296887-29297057

## 8393	chr2 29296975	+	T	223	chr2:29296887-29297057
## 8394	chr2 29296975	-	T	20	chr2:29296887-29297057
## 8395	chr2 29296976	+	G	210	chr2:29296887-29297057
## 8396	chr2 29296976	-	G	18	chr2:29296887-29297057
## 8397	chr2 29296977	+	C	208	chr2:29296887-29297057
## 8398	chr2 29296977	-	C	18	chr2:29296887-29297057
## 8399	chr2 29296978	+	T	222	chr2:29296887-29297057
## 8400	chr2 29296978	-	T	6	chr2:29296887-29297057
## 8401	chr2 29296979	+	A	1	chr2:29296887-29297057
## 8402	chr2 29296979	+	C	230	chr2:29296887-29297057
## 8403	chr2 29296979	-	C	15	chr2:29296887-29297057
## 8404	chr2 29296980	+	C	235	chr2:29296887-29297057
## 8405	chr2 29296980	-	C	15	chr2:29296887-29297057
## 8406	chr2 29296981	+	T	233	chr2:29296887-29297057
## 8407	chr2 29296981	-	T	15	chr2:29296887-29297057
## 8408	chr2 29296982	+	T	235	chr2:29296887-29297057
## 8409	chr2 29296982	-	T	15	chr2:29296887-29297057
## 8410	chr2 29296983	+	C	235	chr2:29296887-29297057
## 8411	chr2 29296983	-	C	15	chr2:29296887-29297057
## 8412	chr2 29296984	+	C	235	chr2:29296887-29297057
## 8413	chr2 29296984	-	C	15	chr2:29296887-29297057
## 8414	chr2 29296985	+	C	235	chr2:29296887-29297057
## 8415	chr2 29296985	-	C	15	chr2:29296887-29297057
## 8416	chr2 29296986	+	G	235	chr2:29296887-29297057
## 8417	chr2 29296986	-	G	15	chr2:29296887-29297057
## 8418	chr2 29296987	+	G	235	chr2:29296887-29297057
## 8419	chr2 29296987	-	G	15	chr2:29296887-29297057
## 8420	chr2 29296988	+	T	235	chr2:29296887-29297057
## 8421	chr2 29296988	-	T	15	chr2:29296887-29297057
## 8422	chr2 29296989	+	T	235	chr2:29296887-29297057
## 8423	chr2 29296989	-	T	15	chr2:29296887-29297057
## 8424	chr2 29296990	+	T	235	chr2:29296887-29297057
## 8425	chr2 29296990	-	T	15	chr2:29296887-29297057
## 8426	chr2 29296991	+	T	235	chr2:29296887-29297057
## 8427	chr2 29296991	-	T	15	chr2:29296887-29297057
## 8428	chr2 29296992	+	G	236	chr2:29296887-29297057
## 8429	chr2 29296992	-	G	15	chr2:29296887-29297057
## 8430	chr2 29296993	+	A	1	chr2:29296887-29297057
## 8431	chr2 29296993	+	T	235	chr2:29296887-29297057
## 8432	chr2 29296993	-	T	15	chr2:29296887-29297057
## 8433	chr2 29296994	+	T	237	chr2:29296887-29297057
## 8434	chr2 29296994	-	T	15	chr2:29296887-29297057
## 8435	chr2 29296995	+	C	237	chr2:29296887-29297057
## 8436	chr2 29296995	-	C	15	chr2:29296887-29297057
## 8437	chr2 29296996	+	T	237	chr2:29296887-29297057
## 8438	chr2 29296996	-	T	15	chr2:29296887-29297057
## 8439	chr2 29296997	+	C	237	chr2:29296887-29297057
## 8440	chr2 29296997	-	C	15	chr2:29296887-29297057
## 8441	chr2 29296998	+	C	236	chr2:29296887-29297057
## 8442	chr2 29296998	-	C	15	chr2:29296887-29297057
## 8443	chr2 29296998	+	G	1	chr2:29296887-29297057
## 8444	chr2 29296999	+	A	236	chr2:29296887-29297057
## 8445	chr2 29296999	-	A	15	chr2:29296887-29297057
## 8446	chr2 29296999	+	T	1	chr2:29296887-29297057

## 8447	chr2 29297000	+	C	237	chr2:29296887-29297057
## 8448	chr2 29297000	-	C	15	chr2:29296887-29297057
## 8449	chr2 29297001	+	T	237	chr2:29296887-29297057
## 8450	chr2 29297001	-	T	15	chr2:29296887-29297057
## 8451	chr2 29297002	+	A	237	chr2:29296887-29297057
## 8452	chr2 29297002	-	A	15	chr2:29296887-29297057
## 8453	chr2 29297003	+	G	238	chr2:29296887-29297057
## 8454	chr2 29297003	-	G	15	chr2:29296887-29297057
## 8455	chr2 29297004	+	C	238	chr2:29296887-29297057
## 8456	chr2 29297004	-	C	15	chr2:29296887-29297057
## 8457	chr2 29297005	+	A	238	chr2:29296887-29297057
## 8458	chr2 29297005	-	A	15	chr2:29296887-29297057
## 8459	chr2 29297006	+	C	235	chr2:29296887-29297057
## 8460	chr2 29297006	-	C	15	chr2:29296887-29297057
## 8461	chr2 29297006	+	T	3	chr2:29296887-29297057
## 8462	chr2 29297007	+	C	238	chr2:29296887-29297057
## 8463	chr2 29297007	-	C	15	chr2:29296887-29297057
## 8464	chr2 29297008	+	A	238	chr2:29296887-29297057
## 8465	chr2 29297008	-	A	15	chr2:29296887-29297057
## 8466	chr2 29297009	+	A	238	chr2:29296887-29297057
## 8467	chr2 29297009	-	A	15	chr2:29296887-29297057
## 8468	chr2 29297010	+	G	238	chr2:29296887-29297057
## 8469	chr2 29297010	-	G	15	chr2:29296887-29297057
## 8470	chr2 29297011	+	G	238	chr2:29296887-29297057
## 8471	chr2 29297011	-	G	15	chr2:29296887-29297057
## 8472	chr2 29297012	+	A	238	chr2:29296887-29297057
## 8473	chr2 29297012	-	A	15	chr2:29296887-29297057
## 8474	chr2 29297013	+	C	238	chr2:29296887-29297057
## 8475	chr2 29297013	-	C	15	chr2:29296887-29297057
## 8476	chr2 29297014	+	A	237	chr2:29296887-29297057
## 8477	chr2 29297014	-	A	15	chr2:29296887-29297057
## 8478	chr2 29297014	+	G	1	chr2:29296887-29297057
## 8479	chr2 29297015	+	C	238	chr2:29296887-29297057
## 8480	chr2 29297015	-	C	15	chr2:29296887-29297057
## 8481	chr2 29297016	+	G	238	chr2:29296887-29297057
## 8482	chr2 29297016	-	G	15	chr2:29296887-29297057
## 8483	chr2 29297017	+	T	238	chr2:29296887-29297057
## 8484	chr2 29297017	-	T	15	chr2:29296887-29297057
## 8485	chr2 29297018	+	C	1	chr2:29296887-29297057
## 8486	chr2 29297018	+	T	237	chr2:29296887-29297057
## 8487	chr2 29297018	-	T	15	chr2:29296887-29297057
## 8488	chr2 29297019	+	T	237	chr2:29296887-29297057
## 8489	chr2 29297019	-	T	16	chr2:29296887-29297057
## 8490	chr2 29297020	+	C	237	chr2:29296887-29297057
## 8491	chr2 29297020	-	C	16	chr2:29296887-29297057
## 8492	chr2 29297021	+	C	237	chr2:29296887-29297057
## 8493	chr2 29297021	-	C	16	chr2:29296887-29297057
## 8494	chr2 29297022	+	C	236	chr2:29296887-29297057
## 8495	chr2 29297022	-	C	16	chr2:29296887-29297057
## 8496	chr2 29297023	+	A	1	chr2:29296887-29297057
## 8497	chr2 29297023	+	C	235	chr2:29296887-29297057
## 8498	chr2 29297023	-	C	16	chr2:29296887-29297057
## 8499	chr2 29297024	+	A	1	chr2:29296887-29297057
## 8500	chr2 29297024	+	T	235	chr2:29296887-29297057

## 8501	chr2 29297024	-	T	16	chr2:29296887-29297057
## 8502	chr2 29297025	+	C	236	chr2:29296887-29297057
## 8503	chr2 29297025	-	C	16	chr2:29296887-29297057
## 8504	chr2 29297026	+	A	235	chr2:29296887-29297057
## 8505	chr2 29297026	-	A	16	chr2:29296887-29297057
## 8506	chr2 29297027	+	A	234	chr2:29296887-29297057
## 8507	chr2 29297027	-	A	16	chr2:29296887-29297057
## 8508	chr2 29297028	+	G	234	chr2:29296887-29297057
## 8509	chr2 29297028	-	G	16	chr2:29296887-29297057
## 8510	chr2 29297029	+	A	233	chr2:29296887-29297057
## 8511	chr2 29297029	-	A	16	chr2:29296887-29297057
## 8512	chr2 29297030	+	C	234	chr2:29296887-29297057
## 8513	chr2 29297030	-	C	17	chr2:29296887-29297057
## 8514	chr2 29297031	+	T	234	chr2:29296887-29297057
## 8515	chr2 29297031	-	T	17	chr2:29296887-29297057
## 8516	chr2 29297032	+	C	233	chr2:29296887-29297057
## 8517	chr2 29297032	-	C	17	chr2:29296887-29297057
## 8518	chr2 29297033	+	C	233	chr2:29296887-29297057
## 8519	chr2 29297033	-	C	17	chr2:29296887-29297057
## 8520	chr2 29297034	+	A	232	chr2:29296887-29297057
## 8521	chr2 29297034	-	A	18	chr2:29296887-29297057
## 8522	chr2 29297035	+	C	225	chr2:29296887-29297057
## 8523	chr2 29297035	-	C	18	chr2:29296887-29297057
## 8524	chr2 29297035	+	T	7	chr2:29296887-29297057
## 8525	chr2 29297036	+	G	232	chr2:29296887-29297057
## 8526	chr2 29297036	-	G	18	chr2:29296887-29297057
## 8527	chr2 29297037	+	A	232	chr2:29296887-29297057
## 8528	chr2 29297037	-	A	18	chr2:29296887-29297057
## 8529	chr2 29297038	+	A	231	chr2:29296887-29297057
## 8530	chr2 29297038	-	A	19	chr2:29296887-29297057
## 8531	chr2 29297039	+	T	231	chr2:29296887-29297057
## 8532	chr2 29297039	-	T	19	chr2:29296887-29297057
## 8533	chr2 29297040	+	G	230	chr2:29296887-29297057
## 8534	chr2 29297040	-	G	19	chr2:29296887-29297057
## 8535	chr2 29297041	+	A	229	chr2:29296887-29297057
## 8536	chr2 29297041	-	A	19	chr2:29296887-29297057
## 8537	chr2 29297042	+	G	231	chr2:29296887-29297057
## 8538	chr2 29297042	-	G	19	chr2:29296887-29297057
## 8539	chr2 29297043	+	C	230	chr2:29296887-29297057
## 8540	chr2 29297043	-	C	20	chr2:29296887-29297057
## 8541	chr2 29297044	+	C	230	chr2:29296887-29297057
## 8542	chr2 29297044	-	C	20	chr2:29296887-29297057
## 8543	chr2 29297045	+	A	216	chr2:29296887-29297057
## 8544	chr2 29297045	-	A	15	chr2:29296887-29297057
## 8545	chr2 29297046	+	G	205	chr2:29296887-29297057
## 8546	chr2 29297046	-	G	31	chr2:29296887-29297057
## 8547	chr2 29297047	+	G	186	chr2:29296887-29297057
## 8548	chr2 29297047	-	G	42	chr2:29296887-29297057
## 8549	chr2 29297048	+	A	174	chr2:29296887-29297057
## 8550	chr2 29297048	-	A	62	chr2:29296887-29297057
## 8551	chr2 29297049	+	C	167	chr2:29296887-29297057
## 8552	chr2 29297049	-	C	76	chr2:29296887-29297057
## 8553	chr2 29297050	+	A	156	chr2:29296887-29297057
## 8554	chr2 29297050	-	A	76	chr2:29296887-29297057

## 8555	chr2 29297051	+	T	147	chr2:29296887-29297057
## 8556	chr2 29297051	-	T	87	chr2:29296887-29297057
## 8557	chr2 29297052	+	T	125	chr2:29296887-29297057
## 8558	chr2 29297052	-	T	103	chr2:29296887-29297057
## 8559	chr2 29297053	+	C	102	chr2:29296887-29297057
## 8560	chr2 29297053	-	C	124	chr2:29296887-29297057
## 8561	chr2 29297053	-	T	1	chr2:29296887-29297057
## 8562	chr2 29297054	+	G	95	chr2:29296887-29297057
## 8563	chr2 29297054	-	G	129	chr2:29296887-29297057
## 8564	chr2 29297055	+	G	90	chr2:29296887-29297057
## 8565	chr2 29297055	-	G	132	chr2:29296887-29297057
## 8566	chr2 29297056	+	A	91	chr2:29296887-29297057
## 8567	chr2 29297056	-	A	144	chr2:29296887-29297057
## 8568	chr2 29297057	+	G	90	chr2:29296887-29297057
## 8569	chr2 29297057	-	G	159	chr2:29296887-29297057
## 8570	chr2 29318303	+	C	240	chr2:29318303-29318404
## 8571	chr2 29318303	-	C	59	chr2:29318303-29318404
## 8572	chr2 29318304	+	C	232	chr2:29318303-29318404
## 8573	chr2 29318304	-	C	59	chr2:29318303-29318404
## 8574	chr2 29318305	+	T	228	chr2:29318303-29318404
## 8575	chr2 29318305	-	T	58	chr2:29318303-29318404
## 8576	chr2 29318306	+	C	220	chr2:29318303-29318404
## 8577	chr2 29318306	-	C	57	chr2:29318303-29318404
## 8578	chr2 29318307	+	A	210	chr2:29318303-29318404
## 8579	chr2 29318307	-	A	54	chr2:29318303-29318404
## 8580	chr2 29318308	+	C	208	chr2:29318303-29318404
## 8581	chr2 29318308	-	C	51	chr2:29318303-29318404
## 8582	chr2 29318309	+	A	207	chr2:29318303-29318404
## 8583	chr2 29318309	-	A	51	chr2:29318303-29318404
## 8584	chr2 29318310	+	T	198	chr2:29318303-29318404
## 8585	chr2 29318310	-	T	50	chr2:29318303-29318404
## 8586	chr2 29318311	-	A	3	chr2:29318303-29318404
## 8587	chr2 29318311	+	G	184	chr2:29318303-29318404
## 8588	chr2 29318311	-	G	49	chr2:29318303-29318404
## 8589	chr2 29318312	+	G	189	chr2:29318303-29318404
## 8590	chr2 29318312	-	G	50	chr2:29318303-29318404
## 8591	chr2 29318313	+	A	191	chr2:29318303-29318404
## 8592	chr2 29318313	-	A	54	chr2:29318303-29318404
## 8593	chr2 29318314	+	G	190	chr2:29318303-29318404
## 8594	chr2 29318314	-	G	53	chr2:29318303-29318404
## 8595	chr2 29318315	+	A	188	chr2:29318303-29318404
## 8596	chr2 29318315	-	A	56	chr2:29318303-29318404
## 8597	chr2 29318316	+	G	177	chr2:29318303-29318404
## 8598	chr2 29318316	-	G	57	chr2:29318303-29318404
## 8599	chr2 29318317	+	C	179	chr2:29318303-29318404
## 8600	chr2 29318317	-	C	60	chr2:29318303-29318404
## 8601	chr2 29318317	+	T	1	chr2:29318303-29318404
## 8602	chr2 29318318	+	T	183	chr2:29318303-29318404
## 8603	chr2 29318318	-	T	60	chr2:29318303-29318404
## 8604	chr2 29318319	+	C	181	chr2:29318303-29318404
## 8605	chr2 29318319	-	C	61	chr2:29318303-29318404
## 8606	chr2 29318319	+	T	1	chr2:29318303-29318404
## 8607	chr2 29318320	+	T	178	chr2:29318303-29318404
## 8608	chr2 29318320	-	T	64	chr2:29318303-29318404

## 8609	chr2 29318321	+	T	180	chr2:29318303-29318404
## 8610	chr2 29318321	-	T	61	chr2:29318303-29318404
## 8611	chr2 29318322	+	G	159	chr2:29318303-29318404
## 8612	chr2 29318322	-	G	61	chr2:29318303-29318404
## 8613	chr2 29318323	+	A	159	chr2:29318303-29318404
## 8614	chr2 29318323	-	A	60	chr2:29318303-29318404
## 8615	chr2 29318324	+	T	157	chr2:29318303-29318404
## 8616	chr2 29318324	-	T	61	chr2:29318303-29318404
## 8617	chr2 29318325	+	C	150	chr2:29318303-29318404
## 8618	chr2 29318325	-	C	60	chr2:29318303-29318404
## 8619	chr2 29318326	+	G	153	chr2:29318303-29318404
## 8620	chr2 29318326	-	G	57	chr2:29318303-29318404
## 8621	chr2 29318327	+	G	149	chr2:29318303-29318404
## 8622	chr2 29318327	-	G	58	chr2:29318303-29318404
## 8623	chr2 29318328	+	A	1	chr2:29318303-29318404
## 8624	chr2 29318328	-	A	2	chr2:29318303-29318404
## 8625	chr2 29318328	+	T	149	chr2:29318303-29318404
## 8626	chr2 29318328	-	T	55	chr2:29318303-29318404
## 8627	chr2 29318329	+	G	144	chr2:29318303-29318404
## 8628	chr2 29318329	-	G	59	chr2:29318303-29318404
## 8629	chr2 29318329	-	T	2	chr2:29318303-29318404
## 8630	chr2 29318330	+	C	153	chr2:29318303-29318404
## 8631	chr2 29318330	-	C	65	chr2:29318303-29318404
## 8632	chr2 29318331	+	A	160	chr2:29318303-29318404
## 8633	chr2 29318331	-	A	74	chr2:29318303-29318404
## 8634	chr2 29318331	-	T	2	chr2:29318303-29318404
## 8635	chr2 29318332	+	G	163	chr2:29318303-29318404
## 8636	chr2 29318332	-	G	83	chr2:29318303-29318404
## 8637	chr2 29318333	-	A	1	chr2:29318303-29318404
## 8638	chr2 29318333	+	G	162	chr2:29318303-29318404
## 8639	chr2 29318333	-	G	87	chr2:29318303-29318404
## 8640	chr2 29318334	+	A	162	chr2:29318303-29318404
## 8641	chr2 29318334	-	A	88	chr2:29318303-29318404
## 8642	chr2 29318335	+	A	162	chr2:29318303-29318404
## 8643	chr2 29318335	-	A	88	chr2:29318303-29318404
## 8644	chr2 29318336	+	A	163	chr2:29318303-29318404
## 8645	chr2 29318336	-	A	87	chr2:29318303-29318404
## 8646	chr2 29318337	+	C	163	chr2:29318303-29318404
## 8647	chr2 29318337	-	C	87	chr2:29318303-29318404
## 8648	chr2 29318338	+	G	163	chr2:29318303-29318404
## 8649	chr2 29318338	-	G	87	chr2:29318303-29318404
## 8650	chr2 29318339	+	T	163	chr2:29318303-29318404
## 8651	chr2 29318339	-	T	87	chr2:29318303-29318404
## 8652	chr2 29318340	+	A	162	chr2:29318303-29318404
## 8653	chr2 29318340	-	A	87	chr2:29318303-29318404
## 8654	chr2 29318340	+	T	1	chr2:29318303-29318404
## 8655	chr2 29318341	+	G	163	chr2:29318303-29318404
## 8656	chr2 29318341	-	G	87	chr2:29318303-29318404
## 8657	chr2 29318342	+	C	162	chr2:29318303-29318404
## 8658	chr2 29318342	-	C	88	chr2:29318303-29318404
## 8659	chr2 29318343	+	A	162	chr2:29318303-29318404
## 8660	chr2 29318343	-	A	88	chr2:29318303-29318404
## 8661	chr2 29318344	+	C	162	chr2:29318303-29318404
## 8662	chr2 29318344	-	C	88	chr2:29318303-29318404

## 8663	chr2 29318345	+	T	162	chr2:29318303-29318404
## 8664	chr2 29318345	-	T	88	chr2:29318303-29318404
## 8665	chr2 29318346	+	G	162	chr2:29318303-29318404
## 8666	chr2 29318346	-	G	88	chr2:29318303-29318404
## 8667	chr2 29318347	+	G	162	chr2:29318303-29318404
## 8668	chr2 29318347	-	G	88	chr2:29318303-29318404
## 8669	chr2 29318348	+	T	162	chr2:29318303-29318404
## 8670	chr2 29318348	-	T	88	chr2:29318303-29318404
## 8671	chr2 29318349	+	C	163	chr2:29318303-29318404
## 8672	chr2 29318349	-	C	88	chr2:29318303-29318404
## 8673	chr2 29318350	+	A	163	chr2:29318303-29318404
## 8674	chr2 29318350	-	A	88	chr2:29318303-29318404
## 8675	chr2 29318351	+	C	162	chr2:29318303-29318404
## 8676	chr2 29318351	-	C	88	chr2:29318303-29318404
## 8677	chr2 29318352	+	T	162	chr2:29318303-29318404
## 8678	chr2 29318352	-	T	88	chr2:29318303-29318404
## 8679	chr2 29318353	+	G	161	chr2:29318303-29318404
## 8680	chr2 29318353	-	G	89	chr2:29318303-29318404
## 8681	chr2 29318354	+	T	161	chr2:29318303-29318404
## 8682	chr2 29318354	-	T	89	chr2:29318303-29318404
## 8683	chr2 29318355	+	A	162	chr2:29318303-29318404
## 8684	chr2 29318355	-	A	88	chr2:29318303-29318404
## 8685	chr2 29318356	+	G	162	chr2:29318303-29318404
## 8686	chr2 29318356	-	G	88	chr2:29318303-29318404
## 8687	chr2 29318357	+	A	1	chr2:29318303-29318404
## 8688	chr2 29318357	-	A	1	chr2:29318303-29318404
## 8689	chr2 29318357	+	C	161	chr2:29318303-29318404
## 8690	chr2 29318357	-	C	87	chr2:29318303-29318404
## 8691	chr2 29318358	+	A	162	chr2:29318303-29318404
## 8692	chr2 29318358	-	A	88	chr2:29318303-29318404
## 8693	chr2 29318359	+	C	162	chr2:29318303-29318404
## 8694	chr2 29318359	-	C	88	chr2:29318303-29318404
## 8695	chr2 29318360	+	T	162	chr2:29318303-29318404
## 8696	chr2 29318360	-	T	88	chr2:29318303-29318404
## 8697	chr2 29318361	+	T	162	chr2:29318303-29318404
## 8698	chr2 29318361	-	T	88	chr2:29318303-29318404
## 8699	chr2 29318362	+	T	162	chr2:29318303-29318404
## 8700	chr2 29318362	-	T	88	chr2:29318303-29318404
## 8701	chr2 29318363	+	C	162	chr2:29318303-29318404
## 8702	chr2 29318363	-	C	88	chr2:29318303-29318404
## 8703	chr2 29318364	+	A	162	chr2:29318303-29318404
## 8704	chr2 29318364	-	A	88	chr2:29318303-29318404
## 8705	chr2 29318365	+	G	163	chr2:29318303-29318404
## 8706	chr2 29318365	-	G	87	chr2:29318303-29318404
## 8707	chr2 29318366	+	A	164	chr2:29318303-29318404
## 8708	chr2 29318366	-	A	86	chr2:29318303-29318404
## 8709	chr2 29318367	+	A	164	chr2:29318303-29318404
## 8710	chr2 29318367	-	A	86	chr2:29318303-29318404
## 8711	chr2 29318368	+	G	164	chr2:29318303-29318404
## 8712	chr2 29318368	-	G	86	chr2:29318303-29318404
## 8713	chr2 29318369	+	C	164	chr2:29318303-29318404
## 8714	chr2 29318369	-	C	86	chr2:29318303-29318404
## 8715	chr2 29318370	+	G	164	chr2:29318303-29318404
## 8716	chr2 29318370	-	G	86	chr2:29318303-29318404

## 8717	chr2 29318371	+	G	164	chr2:29318303-29318404
## 8718	chr2 29318371	-	G	86	chr2:29318303-29318404
## 8719	chr2 29318372	+	G	164	chr2:29318303-29318404
## 8720	chr2 29318372	-	G	86	chr2:29318303-29318404
## 8721	chr2 29318373	+	G	164	chr2:29318303-29318404
## 8722	chr2 29318373	-	G	86	chr2:29318303-29318404
## 8723	chr2 29318374	+	A	164	chr2:29318303-29318404
## 8724	chr2 29318374	-	A	86	chr2:29318303-29318404
## 8725	chr2 29318375	+	C	164	chr2:29318303-29318404
## 8726	chr2 29318375	-	C	86	chr2:29318303-29318404
## 8727	chr2 29318376	+	A	164	chr2:29318303-29318404
## 8728	chr2 29318376	-	A	86	chr2:29318303-29318404
## 8729	chr2 29318377	+	T	164	chr2:29318303-29318404
## 8730	chr2 29318377	-	T	86	chr2:29318303-29318404
## 8731	chr2 29318378	+	C	163	chr2:29318303-29318404
## 8732	chr2 29318378	-	C	87	chr2:29318303-29318404
## 8733	chr2 29318379	+	A	163	chr2:29318303-29318404
## 8734	chr2 29318379	-	A	87	chr2:29318303-29318404
## 8735	chr2 29318380	+	G	163	chr2:29318303-29318404
## 8736	chr2 29318380	-	G	87	chr2:29318303-29318404
## 8737	chr2 29318381	+	G	1	chr2:29318303-29318404
## 8738	chr2 29318381	+	T	162	chr2:29318303-29318404
## 8739	chr2 29318381	-	T	87	chr2:29318303-29318404
## 8740	chr2 29318382	+	G	162	chr2:29318303-29318404
## 8741	chr2 29318382	-	G	88	chr2:29318303-29318404
## 8742	chr2 29318383	+	G	162	chr2:29318303-29318404
## 8743	chr2 29318383	-	G	88	chr2:29318303-29318404
## 8744	chr2 29318384	+	T	161	chr2:29318303-29318404
## 8745	chr2 29318384	-	T	89	chr2:29318303-29318404
## 8746	chr2 29318385	+	A	161	chr2:29318303-29318404
## 8747	chr2 29318385	-	A	89	chr2:29318303-29318404
## 8748	chr2 29318386	+	C	160	chr2:29318303-29318404
## 8749	chr2 29318386	-	C	87	chr2:29318303-29318404
## 8750	chr2 29318387	+	T	149	chr2:29318303-29318404
## 8751	chr2 29318387	-	T	88	chr2:29318303-29318404
## 8752	chr2 29318388	+	G	146	chr2:29318303-29318404
## 8753	chr2 29318388	-	G	87	chr2:29318303-29318404
## 8754	chr2 29318389	+	A	146	chr2:29318303-29318404
## 8755	chr2 29318389	-	A	93	chr2:29318303-29318404
## 8756	chr2 29318390	+	G	145	chr2:29318303-29318404
## 8757	chr2 29318390	-	G	96	chr2:29318303-29318404
## 8758	chr2 29318391	+	C	145	chr2:29318303-29318404
## 8759	chr2 29318391	-	C	94	chr2:29318303-29318404
## 8760	chr2 29318392	+	A	146	chr2:29318303-29318404
## 8761	chr2 29318392	-	A	94	chr2:29318303-29318404
## 8762	chr2 29318393	+	A	141	chr2:29318303-29318404
## 8763	chr2 29318393	-	A	96	chr2:29318303-29318404
## 8764	chr2 29318393	+	G	1	chr2:29318303-29318404
## 8765	chr2 29318394	+	A	1	chr2:29318303-29318404
## 8766	chr2 29318394	+	T	138	chr2:29318303-29318404
## 8767	chr2 29318394	-	T	101	chr2:29318303-29318404
## 8768	chr2 29318395	+	A	138	chr2:29318303-29318404
## 8769	chr2 29318395	-	A	104	chr2:29318303-29318404
## 8770	chr2 29318396	+	A	1	chr2:29318303-29318404

## 8771	chr2 29318396	-	A	1	chr2:29318303-29318404
## 8772	chr2 29318396	+	G	131	chr2:29318303-29318404
## 8773	chr2 29318396	-	G	103	chr2:29318303-29318404
## 8774	chr2 29318397	+	A	125	chr2:29318303-29318404
## 8775	chr2 29318397	-	A	105	chr2:29318303-29318404
## 8776	chr2 29318397	+	G	1	chr2:29318303-29318404
## 8777	chr2 29318398	+	G	120	chr2:29318303-29318404
## 8778	chr2 29318398	-	G	105	chr2:29318303-29318404
## 8779	chr2 29318399	+	C	118	chr2:29318303-29318404
## 8780	chr2 29318399	-	C	105	chr2:29318303-29318404
## 8781	chr2 29318400	+	A	117	chr2:29318303-29318404
## 8782	chr2 29318400	-	A	117	chr2:29318303-29318404
## 8783	chr2 29318401	-	C	1	chr2:29318303-29318404
## 8784	chr2 29318401	+	T	114	chr2:29318303-29318404
## 8785	chr2 29318401	-	T	117	chr2:29318303-29318404
## 8786	chr2 29318402	+	A	2	chr2:29318303-29318404
## 8787	chr2 29318402	+	G	109	chr2:29318303-29318404
## 8788	chr2 29318402	-	G	117	chr2:29318303-29318404
## 8789	chr2 29318403	-	A	1	chr2:29318303-29318404
## 8790	chr2 29318403	+	G	106	chr2:29318303-29318404
## 8791	chr2 29318403	-	G	125	chr2:29318303-29318404
## 8792	chr2 29318404	+	A	2	chr2:29318303-29318404
## 8793	chr2 29318404	+	T	101	chr2:29318303-29318404
## 8794	chr2 29318404	-	T	123	chr2:29318303-29318404
## 8795	chr2 29320750	+	C	253	chr2:29320750-29320882
## 8796	chr2 29320750	-	C	50	chr2:29320750-29320882
## 8797	chr2 29320751	+	C	244	chr2:29320750-29320882
## 8798	chr2 29320751	-	C	50	chr2:29320750-29320882
## 8799	chr2 29320752	+	T	245	chr2:29320750-29320882
## 8800	chr2 29320752	-	T	43	chr2:29320750-29320882
## 8801	chr2 29320753	+	A	1	chr2:29320750-29320882
## 8802	chr2 29320753	+	T	235	chr2:29320750-29320882
## 8803	chr2 29320753	-	T	41	chr2:29320750-29320882
## 8804	chr2 29320754	+	G	227	chr2:29320750-29320882
## 8805	chr2 29320754	-	G	40	chr2:29320750-29320882
## 8806	chr2 29320755	+	G	216	chr2:29320750-29320882
## 8807	chr2 29320755	-	G	35	chr2:29320750-29320882
## 8808	chr2 29320756	+	T	210	chr2:29320750-29320882
## 8809	chr2 29320756	-	T	34	chr2:29320750-29320882
## 8810	chr2 29320757	+	G	207	chr2:29320750-29320882
## 8811	chr2 29320757	-	G	34	chr2:29320750-29320882
## 8812	chr2 29320758	+	G	210	chr2:29320750-29320882
## 8813	chr2 29320758	-	G	33	chr2:29320750-29320882
## 8814	chr2 29320759	+	T	212	chr2:29320750-29320882
## 8815	chr2 29320759	-	T	31	chr2:29320750-29320882
## 8816	chr2 29320760	+	C	214	chr2:29320750-29320882
## 8817	chr2 29320760	-	C	26	chr2:29320750-29320882
## 8818	chr2 29320761	+	C	209	chr2:29320750-29320882
## 8819	chr2 29320761	-	C	25	chr2:29320750-29320882
## 8820	chr2 29320762	+	T	208	chr2:29320750-29320882
## 8821	chr2 29320762	-	T	25	chr2:29320750-29320882
## 8822	chr2 29320763	+	G	208	chr2:29320750-29320882
## 8823	chr2 29320763	-	G	25	chr2:29320750-29320882
## 8824	chr2 29320764	+	G	206	chr2:29320750-29320882

## 8825	chr2 29320764	-	G	28	chr2:29320750-29320882
## 8826	chr2 29320765	+	A	211	chr2:29320750-29320882
## 8827	chr2 29320765	-	A	29	chr2:29320750-29320882
## 8828	chr2 29320766	+	A	220	chr2:29320750-29320882
## 8829	chr2 29320766	-	A	28	chr2:29320750-29320882
## 8830	chr2 29320766	-	T	1	chr2:29320750-29320882
## 8831	chr2 29320767	+	C	207	chr2:29320750-29320882
## 8832	chr2 29320767	-	C	26	chr2:29320750-29320882
## 8833	chr2 29320767	-	G	1	chr2:29320750-29320882
## 8834	chr2 29320768	+	C	203	chr2:29320750-29320882
## 8835	chr2 29320768	-	C	23	chr2:29320750-29320882
## 8836	chr2 29320769	+	A	1	chr2:29320750-29320882
## 8837	chr2 29320769	+	G	200	chr2:29320750-29320882
## 8838	chr2 29320769	-	G	23	chr2:29320750-29320882
## 8839	chr2 29320770	+	G	190	chr2:29320750-29320882
## 8840	chr2 29320770	-	G	26	chr2:29320750-29320882
## 8841	chr2 29320771	+	G	199	chr2:29320750-29320882
## 8842	chr2 29320771	-	G	32	chr2:29320750-29320882
## 8843	chr2 29320772	+	C	193	chr2:29320750-29320882
## 8844	chr2 29320772	-	C	45	chr2:29320750-29320882
## 8845	chr2 29320773	+	A	191	chr2:29320750-29320882
## 8846	chr2 29320773	-	A	48	chr2:29320750-29320882
## 8847	chr2 29320773	-	C	1	chr2:29320750-29320882
## 8848	chr2 29320774	+	T	197	chr2:29320750-29320882
## 8849	chr2 29320774	-	T	53	chr2:29320750-29320882
## 8850	chr2 29320775	+	C	197	chr2:29320750-29320882
## 8851	chr2 29320775	-	C	53	chr2:29320750-29320882
## 8852	chr2 29320776	-	A	3	chr2:29320750-29320882
## 8853	chr2 29320776	+	C	197	chr2:29320750-29320882
## 8854	chr2 29320776	-	C	50	chr2:29320750-29320882
## 8855	chr2 29320777	+	T	196	chr2:29320750-29320882
## 8856	chr2 29320777	-	T	53	chr2:29320750-29320882
## 8857	chr2 29320778	+	T	197	chr2:29320750-29320882
## 8858	chr2 29320778	-	T	53	chr2:29320750-29320882
## 8859	chr2 29320779	+	T	198	chr2:29320750-29320882
## 8860	chr2 29320779	-	T	53	chr2:29320750-29320882
## 8861	chr2 29320780	+	A	198	chr2:29320750-29320882
## 8862	chr2 29320780	-	A	53	chr2:29320750-29320882
## 8863	chr2 29320781	+	G	198	chr2:29320750-29320882
## 8864	chr2 29320781	-	G	53	chr2:29320750-29320882
## 8865	chr2 29320782	+	G	198	chr2:29320750-29320882
## 8866	chr2 29320782	-	G	53	chr2:29320750-29320882
## 8867	chr2 29320783	+	G	198	chr2:29320750-29320882
## 8868	chr2 29320783	-	G	53	chr2:29320750-29320882
## 8869	chr2 29320784	+	T	198	chr2:29320750-29320882
## 8870	chr2 29320784	-	T	53	chr2:29320750-29320882
## 8871	chr2 29320785	+	C	198	chr2:29320750-29320882
## 8872	chr2 29320785	-	C	53	chr2:29320750-29320882
## 8873	chr2 29320786	+	C	198	chr2:29320750-29320882
## 8874	chr2 29320786	-	C	53	chr2:29320750-29320882
## 8875	chr2 29320787	+	T	198	chr2:29320750-29320882
## 8876	chr2 29320787	-	T	53	chr2:29320750-29320882
## 8877	chr2 29320788	+	G	198	chr2:29320750-29320882
## 8878	chr2 29320788	-	G	53	chr2:29320750-29320882

## 8879	chr2 29320789	+	A	196	chr2:29320750-29320882
## 8880	chr2 29320789	-	A	53	chr2:29320750-29320882
## 8881	chr2 29320789	+	C	2	chr2:29320750-29320882
## 8882	chr2 29320790	+	C	198	chr2:29320750-29320882
## 8883	chr2 29320790	-	C	53	chr2:29320750-29320882
## 8884	chr2 29320791	+	C	198	chr2:29320750-29320882
## 8885	chr2 29320791	-	C	53	chr2:29320750-29320882
## 8886	chr2 29320792	+	T	198	chr2:29320750-29320882
## 8887	chr2 29320792	-	T	53	chr2:29320750-29320882
## 8888	chr2 29320793	+	G	198	chr2:29320750-29320882
## 8889	chr2 29320793	-	G	53	chr2:29320750-29320882
## 8890	chr2 29320794	+	-	1	chr2:29320750-29320882
## 8891	chr2 29320794	+	C	197	chr2:29320750-29320882
## 8892	chr2 29320794	-	C	53	chr2:29320750-29320882
## 8893	chr2 29320795	+	C	198	chr2:29320750-29320882
## 8894	chr2 29320795	-	C	53	chr2:29320750-29320882
## 8895	chr2 29320796	+	A	198	chr2:29320750-29320882
## 8896	chr2 29320796	-	A	53	chr2:29320750-29320882
## 8897	chr2 29320797	+	C	198	chr2:29320750-29320882
## 8898	chr2 29320797	-	C	53	chr2:29320750-29320882
## 8899	chr2 29320798	+	T	198	chr2:29320750-29320882
## 8900	chr2 29320798	-	T	53	chr2:29320750-29320882
## 8901	chr2 29320799	+	G	198	chr2:29320750-29320882
## 8902	chr2 29320799	-	G	53	chr2:29320750-29320882
## 8903	chr2 29320800	+	A	198	chr2:29320750-29320882
## 8904	chr2 29320800	-	A	53	chr2:29320750-29320882
## 8905	chr2 29320801	+	G	198	chr2:29320750-29320882
## 8906	chr2 29320801	-	G	53	chr2:29320750-29320882
## 8907	chr2 29320802	+	G	198	chr2:29320750-29320882
## 8908	chr2 29320802	-	G	53	chr2:29320750-29320882
## 8909	chr2 29320803	+	A	198	chr2:29320750-29320882
## 8910	chr2 29320803	-	A	53	chr2:29320750-29320882
## 8911	chr2 29320804	+	G	198	chr2:29320750-29320882
## 8912	chr2 29320804	-	G	53	chr2:29320750-29320882
## 8913	chr2 29320805	+	T	198	chr2:29320750-29320882
## 8914	chr2 29320805	-	T	53	chr2:29320750-29320882
## 8915	chr2 29320806	+	G	198	chr2:29320750-29320882
## 8916	chr2 29320806	-	G	53	chr2:29320750-29320882
## 8917	chr2 29320807	+	T	198	chr2:29320750-29320882
## 8918	chr2 29320807	-	T	53	chr2:29320750-29320882
## 8919	chr2 29320808	+	G	198	chr2:29320750-29320882
## 8920	chr2 29320808	-	G	53	chr2:29320750-29320882
## 8921	chr2 29320809	+	G	198	chr2:29320750-29320882
## 8922	chr2 29320809	-	G	53	chr2:29320750-29320882
## 8923	chr2 29320810	+	G	196	chr2:29320750-29320882
## 8924	chr2 29320810	-	G	54	chr2:29320750-29320882
## 8925	chr2 29320811	-	A	1	chr2:29320750-29320882
## 8926	chr2 29320811	+	G	196	chr2:29320750-29320882
## 8927	chr2 29320811	-	G	53	chr2:29320750-29320882
## 8928	chr2 29320812	+	T	196	chr2:29320750-29320882
## 8929	chr2 29320812	-	T	54	chr2:29320750-29320882
## 8930	chr2 29320813	+	G	196	chr2:29320750-29320882
## 8931	chr2 29320813	-	G	54	chr2:29320750-29320882
## 8932	chr2 29320814	+	A	196	chr2:29320750-29320882

## 8933	chr2 29320814	-	A	54	chr2:29320750-29320882
## 8934	chr2 29320815	+	C	114	chr2:29320750-29320882
## 8935	chr2 29320815	-	C	11	chr2:29320750-29320882
## 8936	chr2 29320815	+	T	82	chr2:29320750-29320882
## 8937	chr2 29320815	-	T	43	chr2:29320750-29320882
## 8938	chr2 29320816	+	A	195	chr2:29320750-29320882
## 8939	chr2 29320816	-	A	54	chr2:29320750-29320882
## 8940	chr2 29320817	-	A	1	chr2:29320750-29320882
## 8941	chr2 29320817	+	C	1	chr2:29320750-29320882
## 8942	chr2 29320817	+	G	195	chr2:29320750-29320882
## 8943	chr2 29320817	-	G	53	chr2:29320750-29320882
## 8944	chr2 29320818	+	T	196	chr2:29320750-29320882
## 8945	chr2 29320818	-	T	54	chr2:29320750-29320882
## 8946	chr2 29320819	+	G	196	chr2:29320750-29320882
## 8947	chr2 29320819	-	G	54	chr2:29320750-29320882
## 8948	chr2 29320820	+	T	196	chr2:29320750-29320882
## 8949	chr2 29320820	-	T	54	chr2:29320750-29320882
## 8950	chr2 29320821	+	G	196	chr2:29320750-29320882
## 8951	chr2 29320821	-	G	54	chr2:29320750-29320882
## 8952	chr2 29320822	+	A	1	chr2:29320750-29320882
## 8953	chr2 29320822	+	C	195	chr2:29320750-29320882
## 8954	chr2 29320822	-	C	54	chr2:29320750-29320882
## 8955	chr2 29320823	+	C	196	chr2:29320750-29320882
## 8956	chr2 29320823	-	C	54	chr2:29320750-29320882
## 8957	chr2 29320824	+	T	196	chr2:29320750-29320882
## 8958	chr2 29320824	-	T	54	chr2:29320750-29320882
## 8959	chr2 29320825	+	A	1	chr2:29320750-29320882
## 8960	chr2 29320825	+	T	195	chr2:29320750-29320882
## 8961	chr2 29320825	-	T	54	chr2:29320750-29320882
## 8962	chr2 29320826	+	-	1	chr2:29320750-29320882
## 8963	chr2 29320826	+	A	1	chr2:29320750-29320882
## 8964	chr2 29320826	+	G	194	chr2:29320750-29320882
## 8965	chr2 29320826	-	G	54	chr2:29320750-29320882
## 8966	chr2 29320827	+	C	1	chr2:29320750-29320882
## 8967	chr2 29320827	+	G	195	chr2:29320750-29320882
## 8968	chr2 29320827	-	G	54	chr2:29320750-29320882
## 8969	chr2 29320828	+	G	195	chr2:29320750-29320882
## 8970	chr2 29320828	-	G	53	chr2:29320750-29320882
## 8971	chr2 29320828	+	T	1	chr2:29320750-29320882
## 8972	chr2 29320829	+	T	197	chr2:29320750-29320882
## 8973	chr2 29320829	-	T	53	chr2:29320750-29320882
## 8974	chr2 29320830	+	C	196	chr2:29320750-29320882
## 8975	chr2 29320830	-	C	53	chr2:29320750-29320882
## 8976	chr2 29320830	+	T	1	chr2:29320750-29320882
## 8977	chr2 29320831	+	C	197	chr2:29320750-29320882
## 8978	chr2 29320831	-	C	53	chr2:29320750-29320882
## 8979	chr2 29320832	+	A	190	chr2:29320750-29320882
## 8980	chr2 29320832	-	A	53	chr2:29320750-29320882
## 8981	chr2 29320832	+	G	1	chr2:29320750-29320882
## 8982	chr2 29320833	+	G	188	chr2:29320750-29320882
## 8983	chr2 29320833	-	G	53	chr2:29320750-29320882
## 8984	chr2 29320834	+	A	1	chr2:29320750-29320882
## 8985	chr2 29320834	+	C	190	chr2:29320750-29320882
## 8986	chr2 29320834	-	C	51	chr2:29320750-29320882

## 8987	chr2 29320835	+	C	195	chr2:29320750-29320882
## 8988	chr2 29320835	-	C	51	chr2:29320750-29320882
## 8989	chr2 29320836	+	A	197	chr2:29320750-29320882
## 8990	chr2 29320836	-	A	51	chr2:29320750-29320882
## 8991	chr2 29320837	+	C	195	chr2:29320750-29320882
## 8992	chr2 29320837	-	C	50	chr2:29320750-29320882
## 8993	chr2 29320838	+	A	193	chr2:29320750-29320882
## 8994	chr2 29320838	-	A	48	chr2:29320750-29320882
## 8995	chr2 29320839	+	G	194	chr2:29320750-29320882
## 8996	chr2 29320839	-	G	41	chr2:29320750-29320882
## 8997	chr2 29320840	+	A	191	chr2:29320750-29320882
## 8998	chr2 29320840	-	A	48	chr2:29320750-29320882
## 8999	chr2 29320840	+	C	1	chr2:29320750-29320882
## 9000	chr2 29320841	+	A	196	chr2:29320750-29320882
## 9001	chr2 29320841	-	A	48	chr2:29320750-29320882
## 9002	chr2 29320842	+	G	201	chr2:29320750-29320882
## 9003	chr2 29320842	-	G	48	chr2:29320750-29320882
## 9004	chr2 29320843	+	C	192	chr2:29320750-29320882
## 9005	chr2 29320843	-	C	45	chr2:29320750-29320882
## 9006	chr2 29320844	+	C	181	chr2:29320750-29320882
## 9007	chr2 29320844	-	C	46	chr2:29320750-29320882
## 9008	chr2 29320844	+	T	1	chr2:29320750-29320882
## 9009	chr2 29320845	+	A	189	chr2:29320750-29320882
## 9010	chr2 29320845	-	A	49	chr2:29320750-29320882
## 9011	chr2 29320846	+	T	188	chr2:29320750-29320882
## 9012	chr2 29320846	-	T	42	chr2:29320750-29320882
## 9013	chr2 29320847	+	C	189	chr2:29320750-29320882
## 9014	chr2 29320847	-	C	41	chr2:29320750-29320882
## 9015	chr2 29320848	+	T	186	chr2:29320750-29320882
## 9016	chr2 29320848	-	T	52	chr2:29320750-29320882
## 9017	chr2 29320849	+	T	192	chr2:29320750-29320882
## 9018	chr2 29320849	-	T	48	chr2:29320750-29320882
## 9019	chr2 29320850	+	C	196	chr2:29320750-29320882
## 9020	chr2 29320850	-	C	54	chr2:29320750-29320882
## 9021	chr2 29320851	+	A	196	chr2:29320750-29320882
## 9022	chr2 29320851	-	A	54	chr2:29320750-29320882
## 9023	chr2 29320852	+	A	195	chr2:29320750-29320882
## 9024	chr2 29320852	-	A	54	chr2:29320750-29320882
## 9025	chr2 29320853	+	A	196	chr2:29320750-29320882
## 9026	chr2 29320853	-	A	54	chr2:29320750-29320882
## 9027	chr2 29320854	+	G	196	chr2:29320750-29320882
## 9028	chr2 29320854	-	G	54	chr2:29320750-29320882
## 9029	chr2 29320855	+	T	196	chr2:29320750-29320882
## 9030	chr2 29320855	-	T	54	chr2:29320750-29320882
## 9031	chr2 29320856	+	T	196	chr2:29320750-29320882
## 9032	chr2 29320856	-	T	54	chr2:29320750-29320882
## 9033	chr2 29320857	+	G	196	chr2:29320750-29320882
## 9034	chr2 29320857	-	G	54	chr2:29320750-29320882
## 9035	chr2 29320858	+	C	196	chr2:29320750-29320882
## 9036	chr2 29320858	-	C	54	chr2:29320750-29320882
## 9037	chr2 29320859	+	A	196	chr2:29320750-29320882
## 9038	chr2 29320859	-	A	54	chr2:29320750-29320882
## 9039	chr2 29320860	+	G	196	chr2:29320750-29320882
## 9040	chr2 29320860	-	G	54	chr2:29320750-29320882

## 9041	chr2 29320861	+	T	196	chr2:29320750-29320882
## 9042	chr2 29320861	-	T	54	chr2:29320750-29320882
## 9043	chr2 29320862	+	A	196	chr2:29320750-29320882
## 9044	chr2 29320862	-	A	54	chr2:29320750-29320882
## 9045	chr2 29320863	+	A	196	chr2:29320750-29320882
## 9046	chr2 29320863	-	A	54	chr2:29320750-29320882
## 9047	chr2 29320864	+	A	196	chr2:29320750-29320882
## 9048	chr2 29320864	-	A	54	chr2:29320750-29320882
## 9049	chr2 29320865	+	A	196	chr2:29320750-29320882
## 9050	chr2 29320865	-	A	54	chr2:29320750-29320882
## 9051	chr2 29320866	+	A	196	chr2:29320750-29320882
## 9052	chr2 29320866	-	A	54	chr2:29320750-29320882
## 9053	chr2 29320867	+	C	196	chr2:29320750-29320882
## 9054	chr2 29320867	-	C	54	chr2:29320750-29320882
## 9055	chr2 29320868	+	C	196	chr2:29320750-29320882
## 9056	chr2 29320868	-	C	54	chr2:29320750-29320882
## 9057	chr2 29320869	+	A	1	chr2:29320750-29320882
## 9058	chr2 29320869	+	C	194	chr2:29320750-29320882
## 9059	chr2 29320869	-	C	54	chr2:29320750-29320882
## 9060	chr2 29320870	+	A	195	chr2:29320750-29320882
## 9061	chr2 29320870	-	A	54	chr2:29320750-29320882
## 9062	chr2 29320870	+	G	1	chr2:29320750-29320882
## 9063	chr2 29320871	+	C	196	chr2:29320750-29320882
## 9064	chr2 29320871	-	C	54	chr2:29320750-29320882
## 9065	chr2 29320872	+	A	196	chr2:29320750-29320882
## 9066	chr2 29320872	-	A	53	chr2:29320750-29320882
## 9067	chr2 29320872	-	T	1	chr2:29320750-29320882
## 9068	chr2 29320873	+	G	196	chr2:29320750-29320882
## 9069	chr2 29320873	-	G	54	chr2:29320750-29320882
## 9070	chr2 29320874	+	G	196	chr2:29320750-29320882
## 9071	chr2 29320874	-	G	54	chr2:29320750-29320882
## 9072	chr2 29320875	+	A	2	chr2:29320750-29320882
## 9073	chr2 29320875	+	C	193	chr2:29320750-29320882
## 9074	chr2 29320875	-	C	55	chr2:29320750-29320882
## 9075	chr2 29320876	+	A	195	chr2:29320750-29320882
## 9076	chr2 29320876	-	A	55	chr2:29320750-29320882
## 9077	chr2 29320877	+	G	195	chr2:29320750-29320882
## 9078	chr2 29320877	-	G	55	chr2:29320750-29320882
## 9079	chr2 29320878	+	T	195	chr2:29320750-29320882
## 9080	chr2 29320878	-	T	55	chr2:29320750-29320882
## 9081	chr2 29320879	+	T	195	chr2:29320750-29320882
## 9082	chr2 29320879	-	T	55	chr2:29320750-29320882
## 9083	chr2 29320880	+	T	195	chr2:29320750-29320882
## 9084	chr2 29320880	-	T	55	chr2:29320750-29320882
## 9085	chr2 29320881	+	C	194	chr2:29320750-29320882
## 9086	chr2 29320881	-	C	56	chr2:29320750-29320882
## 9087	chr2 29320882	+	A	1	chr2:29320750-29320882
## 9088	chr2 29320882	+	C	193	chr2:29320750-29320882
## 9089	chr2 29320882	-	C	56	chr2:29320750-29320882
## 9090	chr2 29328349	+	C	292	chr2:29328349-29328481
## 9091	chr2 29328349	-	C	10	chr2:29328349-29328481
## 9092	chr2 29328350	+	A	1	chr2:29328349-29328481
## 9093	chr2 29328350	+	G	286	chr2:29328349-29328481
## 9094	chr2 29328350	-	G	10	chr2:29328349-29328481

## 9095	chr2 29328351	+	G	275	chr2:29328349-29328481
## 9096	chr2 29328351	-	G	10	chr2:29328349-29328481
## 9097	chr2 29328352	+	C	272	chr2:29328349-29328481
## 9098	chr2 29328352	-	C	10	chr2:29328349-29328481
## 9099	chr2 29328353	+	A	268	chr2:29328349-29328481
## 9100	chr2 29328353	-	A	10	chr2:29328349-29328481
## 9101	chr2 29328354	+	C	257	chr2:29328349-29328481
## 9102	chr2 29328354	-	C	10	chr2:29328349-29328481
## 9103	chr2 29328355	+	A	246	chr2:29328349-29328481
## 9104	chr2 29328355	-	A	10	chr2:29328349-29328481
## 9105	chr2 29328356	+	T	240	chr2:29328349-29328481
## 9106	chr2 29328356	-	T	10	chr2:29328349-29328481
## 9107	chr2 29328357	+	C	220	chr2:29328349-29328481
## 9108	chr2 29328357	-	C	9	chr2:29328349-29328481
## 9109	chr2 29328357	-	T	1	chr2:29328349-29328481
## 9110	chr2 29328358	+	T	239	chr2:29328349-29328481
## 9111	chr2 29328358	-	T	8	chr2:29328349-29328481
## 9112	chr2 29328359	+	G	242	chr2:29328349-29328481
## 9113	chr2 29328359	-	G	8	chr2:29328349-29328481
## 9114	chr2 29328360	+	G	238	chr2:29328349-29328481
## 9115	chr2 29328360	-	G	6	chr2:29328349-29328481
## 9116	chr2 29328361	+	C	237	chr2:29328349-29328481
## 9117	chr2 29328361	-	C	6	chr2:29328349-29328481
## 9118	chr2 29328362	+	T	235	chr2:29328349-29328481
## 9119	chr2 29328362	-	T	6	chr2:29328349-29328481
## 9120	chr2 29328363	+	C	236	chr2:29328349-29328481
## 9121	chr2 29328363	-	C	6	chr2:29328349-29328481
## 9122	chr2 29328364	+	T	230	chr2:29328349-29328481
## 9123	chr2 29328364	-	T	6	chr2:29328349-29328481
## 9124	chr2 29328365	+	C	231	chr2:29328349-29328481
## 9125	chr2 29328365	-	C	6	chr2:29328349-29328481
## 9126	chr2 29328366	+	A	238	chr2:29328349-29328481
## 9127	chr2 29328366	-	A	6	chr2:29328349-29328481
## 9128	chr2 29328367	+	T	235	chr2:29328349-29328481
## 9129	chr2 29328367	-	T	5	chr2:29328349-29328481
## 9130	chr2 29328368	+	C	223	chr2:29328349-29328481
## 9131	chr2 29328368	-	C	9	chr2:29328349-29328481
## 9132	chr2 29328369	+	T	226	chr2:29328349-29328481
## 9133	chr2 29328369	-	T	13	chr2:29328349-29328481
## 9134	chr2 29328370	+	T	216	chr2:29328349-29328481
## 9135	chr2 29328370	-	T	17	chr2:29328349-29328481
## 9136	chr2 29328371	+	C	207	chr2:29328349-29328481
## 9137	chr2 29328371	-	C	22	chr2:29328349-29328481
## 9138	chr2 29328372	+	A	2	chr2:29328349-29328481
## 9139	chr2 29328372	+	T	211	chr2:29328349-29328481
## 9140	chr2 29328372	-	T	27	chr2:29328349-29328481
## 9141	chr2 29328373	+	C	220	chr2:29328349-29328481
## 9142	chr2 29328373	-	C	27	chr2:29328349-29328481
## 9143	chr2 29328374	+	C	221	chr2:29328349-29328481
## 9144	chr2 29328374	-	C	27	chr2:29328349-29328481
## 9145	chr2 29328374	+	T	2	chr2:29328349-29328481
## 9146	chr2 29328375	+	C	223	chr2:29328349-29328481
## 9147	chr2 29328375	-	C	27	chr2:29328349-29328481
## 9148	chr2 29328376	+	T	223	chr2:29328349-29328481

## 9149	chr2 29328376	-	T	27	chr2:29328349-29328481
## 9150	chr2 29328377	+	G	223	chr2:29328349-29328481
## 9151	chr2 29328377	-	G	27	chr2:29328349-29328481
## 9152	chr2 29328378	+	G	223	chr2:29328349-29328481
## 9153	chr2 29328378	-	G	27	chr2:29328349-29328481
## 9154	chr2 29328379	+	G	223	chr2:29328349-29328481
## 9155	chr2 29328379	-	G	27	chr2:29328349-29328481
## 9156	chr2 29328380	+	A	1	chr2:29328349-29328481
## 9157	chr2 29328380	+	C	222	chr2:29328349-29328481
## 9158	chr2 29328380	-	C	27	chr2:29328349-29328481
## 9159	chr2 29328381	+	A	223	chr2:29328349-29328481
## 9160	chr2 29328381	-	A	27	chr2:29328349-29328481
## 9161	chr2 29328382	+	C	223	chr2:29328349-29328481
## 9162	chr2 29328382	-	C	27	chr2:29328349-29328481
## 9163	chr2 29328383	+	A	223	chr2:29328349-29328481
## 9164	chr2 29328383	-	A	27	chr2:29328349-29328481
## 9165	chr2 29328384	+	G	223	chr2:29328349-29328481
## 9166	chr2 29328384	-	G	27	chr2:29328349-29328481
## 9167	chr2 29328385	+	T	223	chr2:29328349-29328481
## 9168	chr2 29328385	-	T	27	chr2:29328349-29328481
## 9169	chr2 29328386	+	C	223	chr2:29328349-29328481
## 9170	chr2 29328386	-	C	27	chr2:29328349-29328481
## 9171	chr2 29328387	+	C	223	chr2:29328349-29328481
## 9172	chr2 29328387	-	C	27	chr2:29328349-29328481
## 9173	chr2 29328388	+	T	223	chr2:29328349-29328481
## 9174	chr2 29328388	-	T	27	chr2:29328349-29328481
## 9175	chr2 29328389	+	-	1	chr2:29328349-29328481
## 9176	chr2 29328389	+	G	222	chr2:29328349-29328481
## 9177	chr2 29328389	-	G	27	chr2:29328349-29328481
## 9178	chr2 29328390	+	A	1	chr2:29328349-29328481
## 9179	chr2 29328390	+	G	222	chr2:29328349-29328481
## 9180	chr2 29328390	-	G	27	chr2:29328349-29328481
## 9181	chr2 29328391	+	T	223	chr2:29328349-29328481
## 9182	chr2 29328391	-	T	27	chr2:29328349-29328481
## 9183	chr2 29328392	+	G	223	chr2:29328349-29328481
## 9184	chr2 29328392	-	G	27	chr2:29328349-29328481
## 9185	chr2 29328393	+	G	223	chr2:29328349-29328481
## 9186	chr2 29328393	-	G	27	chr2:29328349-29328481
## 9187	chr2 29328394	+	A	224	chr2:29328349-29328481
## 9188	chr2 29328394	-	A	26	chr2:29328349-29328481
## 9189	chr2 29328395	+	A	224	chr2:29328349-29328481
## 9190	chr2 29328395	-	A	26	chr2:29328349-29328481
## 9191	chr2 29328396	+	G	224	chr2:29328349-29328481
## 9192	chr2 29328396	-	G	26	chr2:29328349-29328481
## 9193	chr2 29328397	+	T	224	chr2:29328349-29328481
## 9194	chr2 29328397	-	T	26	chr2:29328349-29328481
## 9195	chr2 29328398	+	A	2	chr2:29328349-29328481
## 9196	chr2 29328398	+	C	221	chr2:29328349-29328481
## 9197	chr2 29328398	-	C	26	chr2:29328349-29328481
## 9198	chr2 29328398	+	G	1	chr2:29328349-29328481
## 9199	chr2 29328399	+	A	222	chr2:29328349-29328481
## 9200	chr2 29328399	-	A	26	chr2:29328349-29328481
## 9201	chr2 29328399	+	G	2	chr2:29328349-29328481
## 9202	chr2 29328400	+	C	223	chr2:29328349-29328481

## 9203	chr2 29328400	-	C	26	chr2:29328349-29328481
## 9204	chr2 29328400	+	T	1	chr2:29328349-29328481
## 9205	chr2 29328401	+	A	223	chr2:29328349-29328481
## 9206	chr2 29328401	-	A	26	chr2:29328349-29328481
## 9207	chr2 29328401	+	C	1	chr2:29328349-29328481
## 9208	chr2 29328402	+	G	224	chr2:29328349-29328481
## 9209	chr2 29328402	-	G	26	chr2:29328349-29328481
## 9210	chr2 29328403	+	G	224	chr2:29328349-29328481
## 9211	chr2 29328403	-	G	26	chr2:29328349-29328481
## 9212	chr2 29328404	+	C	223	chr2:29328349-29328481
## 9213	chr2 29328404	-	C	26	chr2:29328349-29328481
## 9214	chr2 29328405	+	C	225	chr2:29328349-29328481
## 9215	chr2 29328405	-	C	26	chr2:29328349-29328481
## 9216	chr2 29328406	+	T	225	chr2:29328349-29328481
## 9217	chr2 29328406	-	T	26	chr2:29328349-29328481
## 9218	chr2 29328407	+	G	225	chr2:29328349-29328481
## 9219	chr2 29328407	-	G	26	chr2:29328349-29328481
## 9220	chr2 29328408	+	C	225	chr2:29328349-29328481
## 9221	chr2 29328408	-	C	26	chr2:29328349-29328481
## 9222	chr2 29328409	+	C	224	chr2:29328349-29328481
## 9223	chr2 29328409	-	C	26	chr2:29328349-29328481
## 9224	chr2 29328410	+	C	223	chr2:29328349-29328481
## 9225	chr2 29328410	-	C	26	chr2:29328349-29328481
## 9226	chr2 29328410	+	G	1	chr2:29328349-29328481
## 9227	chr2 29328411	+	A	224	chr2:29328349-29328481
## 9228	chr2 29328411	-	A	26	chr2:29328349-29328481
## 9229	chr2 29328412	+	A	223	chr2:29328349-29328481
## 9230	chr2 29328412	-	A	26	chr2:29328349-29328481
## 9231	chr2 29328412	+	C	1	chr2:29328349-29328481
## 9232	chr2 29328413	+	G	224	chr2:29328349-29328481
## 9233	chr2 29328413	-	G	26	chr2:29328349-29328481
## 9234	chr2 29328414	+	C	223	chr2:29328349-29328481
## 9235	chr2 29328414	-	C	26	chr2:29328349-29328481
## 9236	chr2 29328415	+	T	224	chr2:29328349-29328481
## 9237	chr2 29328415	-	T	26	chr2:29328349-29328481
## 9238	chr2 29328416	+	G	224	chr2:29328349-29328481
## 9239	chr2 29328416	-	G	26	chr2:29328349-29328481
## 9240	chr2 29328417	+	G	224	chr2:29328349-29328481
## 9241	chr2 29328417	-	G	26	chr2:29328349-29328481
## 9242	chr2 29328418	+	A	224	chr2:29328349-29328481
## 9243	chr2 29328418	-	A	26	chr2:29328349-29328481
## 9244	chr2 29328419	+	G	224	chr2:29328349-29328481
## 9245	chr2 29328419	-	G	26	chr2:29328349-29328481
## 9246	chr2 29328420	+	G	224	chr2:29328349-29328481
## 9247	chr2 29328420	-	G	26	chr2:29328349-29328481
## 9248	chr2 29328421	+	A	224	chr2:29328349-29328481
## 9249	chr2 29328421	-	A	26	chr2:29328349-29328481
## 9250	chr2 29328422	+	C	224	chr2:29328349-29328481
## 9251	chr2 29328422	-	C	26	chr2:29328349-29328481
## 9252	chr2 29328423	+	T	224	chr2:29328349-29328481
## 9253	chr2 29328423	-	T	26	chr2:29328349-29328481
## 9254	chr2 29328424	+	A	2	chr2:29328349-29328481
## 9255	chr2 29328424	+	G	222	chr2:29328349-29328481
## 9256	chr2 29328424	-	G	26	chr2:29328349-29328481

## 9257	chr2 29328425	+	A	1	chr2:29328349-29328481
## 9258	chr2 29328425	+	T	223	chr2:29328349-29328481
## 9259	chr2 29328425	-	T	26	chr2:29328349-29328481
## 9260	chr2 29328426	+	C	224	chr2:29328349-29328481
## 9261	chr2 29328426	-	C	26	chr2:29328349-29328481
## 9262	chr2 29328427	+	C	224	chr2:29328349-29328481
## 9263	chr2 29328427	-	C	26	chr2:29328349-29328481
## 9264	chr2 29328428	+	C	224	chr2:29328349-29328481
## 9265	chr2 29328428	-	C	26	chr2:29328349-29328481
## 9266	chr2 29328429	+	A	222	chr2:29328349-29328481
## 9267	chr2 29328429	-	A	26	chr2:29328349-29328481
## 9268	chr2 29328429	+	G	1	chr2:29328349-29328481
## 9269	chr2 29328430	+	T	225	chr2:29328349-29328481
## 9270	chr2 29328430	-	T	26	chr2:29328349-29328481
## 9271	chr2 29328431	+	T	225	chr2:29328349-29328481
## 9272	chr2 29328431	-	T	26	chr2:29328349-29328481
## 9273	chr2 29328432	+	C	224	chr2:29328349-29328481
## 9274	chr2 29328432	-	C	26	chr2:29328349-29328481
## 9275	chr2 29328433	+	C	205	chr2:29328349-29328481
## 9276	chr2 29328433	-	C	26	chr2:29328349-29328481
## 9277	chr2 29328434	+	A	214	chr2:29328349-29328481
## 9278	chr2 29328434	-	A	32	chr2:29328349-29328481
## 9279	chr2 29328435	+	A	218	chr2:29328349-29328481
## 9280	chr2 29328435	-	A	32	chr2:29328349-29328481
## 9281	chr2 29328436	+	C	213	chr2:29328349-29328481
## 9282	chr2 29328436	-	C	31	chr2:29328349-29328481
## 9283	chr2 29328436	-	G	1	chr2:29328349-29328481
## 9284	chr2 29328437	+	A	210	chr2:29328349-29328481
## 9285	chr2 29328437	-	A	32	chr2:29328349-29328481
## 9286	chr2 29328438	+	A	207	chr2:29328349-29328481
## 9287	chr2 29328438	-	A	33	chr2:29328349-29328481
## 9288	chr2 29328439	+	G	207	chr2:29328349-29328481
## 9289	chr2 29328439	-	G	35	chr2:29328349-29328481
## 9290	chr2 29328440	+	T	201	chr2:29328349-29328481
## 9291	chr2 29328440	-	T	35	chr2:29328349-29328481
## 9292	chr2 29328441	+	G	188	chr2:29328349-29328481
## 9293	chr2 29328441	-	G	48	chr2:29328349-29328481
## 9294	chr2 29328441	-	T	1	chr2:29328349-29328481
## 9295	chr2 29328442	+	A	194	chr2:29328349-29328481
## 9296	chr2 29328442	-	A	50	chr2:29328349-29328481
## 9297	chr2 29328442	+	T	1	chr2:29328349-29328481
## 9298	chr2 29328443	+	A	197	chr2:29328349-29328481
## 9299	chr2 29328443	-	A	43	chr2:29328349-29328481
## 9300	chr2 29328443	+	G	1	chr2:29328349-29328481
## 9301	chr2 29328444	+	G	191	chr2:29328349-29328481
## 9302	chr2 29328444	-	G	40	chr2:29328349-29328481
## 9303	chr2 29328445	+	C	1	chr2:29328349-29328481
## 9304	chr2 29328445	+	G	193	chr2:29328349-29328481
## 9305	chr2 29328445	-	G	45	chr2:29328349-29328481
## 9306	chr2 29328445	-	T	2	chr2:29328349-29328481
## 9307	chr2 29328446	+	A	186	chr2:29328349-29328481
## 9308	chr2 29328446	-	A	45	chr2:29328349-29328481
## 9309	chr2 29328446	+	C	1	chr2:29328349-29328481
## 9310	chr2 29328447	+	G	192	chr2:29328349-29328481

## 9311	chr2 29328447	-	G	39	chr2:29328349-29328481
## 9312	chr2 29328448	+	C	197	chr2:29328349-29328481
## 9313	chr2 29328448	-	C	43	chr2:29328349-29328481
## 9314	chr2 29328449	+	T	195	chr2:29328349-29328481
## 9315	chr2 29328449	-	T	52	chr2:29328349-29328481
## 9316	chr2 29328450	+	C	198	chr2:29328349-29328481
## 9317	chr2 29328450	-	C	52	chr2:29328349-29328481
## 9318	chr2 29328451	+	T	198	chr2:29328349-29328481
## 9319	chr2 29328451	-	T	52	chr2:29328349-29328481
## 9320	chr2 29328452	+	C	1	chr2:29328349-29328481
## 9321	chr2 29328452	+	G	197	chr2:29328349-29328481
## 9322	chr2 29328452	-	G	52	chr2:29328349-29328481
## 9323	chr2 29328453	+	C	198	chr2:29328349-29328481
## 9324	chr2 29328453	-	C	52	chr2:29328349-29328481
## 9325	chr2 29328454	+	A	198	chr2:29328349-29328481
## 9326	chr2 29328454	-	A	52	chr2:29328349-29328481
## 9327	chr2 29328455	+	G	198	chr2:29328349-29328481
## 9328	chr2 29328455	-	G	51	chr2:29328349-29328481
## 9329	chr2 29328455	-	T	1	chr2:29328349-29328481
## 9330	chr2 29328456	+	G	198	chr2:29328349-29328481
## 9331	chr2 29328456	-	G	52	chr2:29328349-29328481
## 9332	chr2 29328457	+	A	1	chr2:29328349-29328481
## 9333	chr2 29328457	+	G	197	chr2:29328349-29328481
## 9334	chr2 29328457	-	G	52	chr2:29328349-29328481
## 9335	chr2 29328458	+	A	1	chr2:29328349-29328481
## 9336	chr2 29328458	+	C	195	chr2:29328349-29328481
## 9337	chr2 29328458	-	C	52	chr2:29328349-29328481
## 9338	chr2 29328458	+	G	1	chr2:29328349-29328481
## 9339	chr2 29328459	+	A	1	chr2:29328349-29328481
## 9340	chr2 29328459	+	C	196	chr2:29328349-29328481
## 9341	chr2 29328459	-	C	51	chr2:29328349-29328481
## 9342	chr2 29328459	+	G	1	chr2:29328349-29328481
## 9343	chr2 29328459	-	G	1	chr2:29328349-29328481
## 9344	chr2 29328460	+	A	198	chr2:29328349-29328481
## 9345	chr2 29328460	-	A	52	chr2:29328349-29328481
## 9346	chr2 29328461	+	T	198	chr2:29328349-29328481
## 9347	chr2 29328461	-	T	52	chr2:29328349-29328481
## 9348	chr2 29328462	+	C	198	chr2:29328349-29328481
## 9349	chr2 29328462	-	C	52	chr2:29328349-29328481
## 9350	chr2 29328463	+	T	198	chr2:29328349-29328481
## 9351	chr2 29328463	-	T	52	chr2:29328349-29328481
## 9352	chr2 29328464	+	T	198	chr2:29328349-29328481
## 9353	chr2 29328464	-	T	52	chr2:29328349-29328481
## 9354	chr2 29328465	+	A	1	chr2:29328349-29328481
## 9355	chr2 29328465	+	G	196	chr2:29328349-29328481
## 9356	chr2 29328465	-	G	53	chr2:29328349-29328481
## 9357	chr2 29328466	+	G	197	chr2:29328349-29328481
## 9358	chr2 29328466	-	G	53	chr2:29328349-29328481
## 9359	chr2 29328467	+	A	197	chr2:29328349-29328481
## 9360	chr2 29328467	-	A	53	chr2:29328349-29328481
## 9361	chr2 29328468	+	G	198	chr2:29328349-29328481
## 9362	chr2 29328468	-	G	53	chr2:29328349-29328481
## 9363	chr2 29328469	-	A	1	chr2:29328349-29328481
## 9364	chr2 29328469	+	C	198	chr2:29328349-29328481

## 9365	chr2 29328469	-	C	52	chr2:29328349-29328481
## 9366	chr2 29328470	+	C	198	chr2:29328349-29328481
## 9367	chr2 29328470	-	C	53	chr2:29328349-29328481
## 9368	chr2 29328471	+	T	198	chr2:29328349-29328481
## 9369	chr2 29328471	-	T	53	chr2:29328349-29328481
## 9370	chr2 29328472	+	G	198	chr2:29328349-29328481
## 9371	chr2 29328472	-	G	53	chr2:29328349-29328481
## 9372	chr2 29328473	+	G	196	chr2:29328349-29328481
## 9373	chr2 29328473	-	G	53	chr2:29328349-29328481
## 9374	chr2 29328473	+	T	2	chr2:29328349-29328481
## 9375	chr2 29328474	+	G	198	chr2:29328349-29328481
## 9376	chr2 29328474	-	G	53	chr2:29328349-29328481
## 9377	chr2 29328475	+	G	197	chr2:29328349-29328481
## 9378	chr2 29328475	-	G	53	chr2:29328349-29328481
## 9379	chr2 29328475	+	T	1	chr2:29328349-29328481
## 9380	chr2 29328476	+	A	198	chr2:29328349-29328481
## 9381	chr2 29328476	-	A	53	chr2:29328349-29328481
## 9382	chr2 29328477	+	T	198	chr2:29328349-29328481
## 9383	chr2 29328477	-	T	53	chr2:29328349-29328481
## 9384	chr2 29328478	+	G	198	chr2:29328349-29328481
## 9385	chr2 29328478	-	G	53	chr2:29328349-29328481
## 9386	chr2 29328479	+	T	198	chr2:29328349-29328481
## 9387	chr2 29328479	-	T	53	chr2:29328349-29328481
## 9388	chr2 29328480	+	T	196	chr2:29328349-29328481
## 9389	chr2 29328480	-	T	54	chr2:29328349-29328481
## 9390	chr2 29328481	+	C	196	chr2:29328349-29328481
## 9391	chr2 29328481	-	C	54	chr2:29328349-29328481
## 9392	chr2 29383731	+	C	232	chr2:29383731-29383859
## 9393	chr2 29383731	-	C	70	chr2:29383731-29383859
## 9394	chr2 29383732	+	C	231	chr2:29383731-29383859
## 9395	chr2 29383732	-	C	61	chr2:29383731-29383859
## 9396	chr2 29383733	+	T	217	chr2:29383731-29383859
## 9397	chr2 29383733	-	T	59	chr2:29383731-29383859
## 9398	chr2 29383734	+	T	209	chr2:29383731-29383859
## 9399	chr2 29383734	-	T	55	chr2:29383731-29383859
## 9400	chr2 29383735	+	C	206	chr2:29383731-29383859
## 9401	chr2 29383735	-	C	55	chr2:29383731-29383859
## 9402	chr2 29383736	+	A	201	chr2:29383731-29383859
## 9403	chr2 29383736	-	A	53	chr2:29383731-29383859
## 9404	chr2 29383737	+	C	198	chr2:29383731-29383859
## 9405	chr2 29383737	-	C	53	chr2:29383731-29383859
## 9406	chr2 29383738	+	T	197	chr2:29383731-29383859
## 9407	chr2 29383738	-	T	52	chr2:29383731-29383859
## 9408	chr2 29383739	+	G	189	chr2:29383731-29383859
## 9409	chr2 29383739	-	G	48	chr2:29383731-29383859
## 9410	chr2 29383740	+	C	193	chr2:29383731-29383859
## 9411	chr2 29383740	-	C	51	chr2:29383731-29383859
## 9412	chr2 29383741	+	A	194	chr2:29383731-29383859
## 9413	chr2 29383741	-	A	55	chr2:29383731-29383859
## 9414	chr2 29383742	+	G	188	chr2:29383731-29383859
## 9415	chr2 29383742	-	G	46	chr2:29383731-29383859
## 9416	chr2 29383743	+	A	1	chr2:29383731-29383859
## 9417	chr2 29383743	+	T	191	chr2:29383731-29383859
## 9418	chr2 29383743	-	T	52	chr2:29383731-29383859

## 9419	chr2 29383744	+	T	191	chr2:29383731-29383859
## 9420	chr2 29383744	-	T	54	chr2:29383731-29383859
## 9421	chr2 29383745	+	C	179	chr2:29383731-29383859
## 9422	chr2 29383745	-	C	52	chr2:29383731-29383859
## 9423	chr2 29383746	+	T	174	chr2:29383731-29383859
## 9424	chr2 29383746	-	T	59	chr2:29383731-29383859
## 9425	chr2 29383747	+	T	163	chr2:29383731-29383859
## 9426	chr2 29383747	-	T	63	chr2:29383731-29383859
## 9427	chr2 29383748	+	C	153	chr2:29383731-29383859
## 9428	chr2 29383748	-	C	70	chr2:29383731-29383859
## 9429	chr2 29383749	+	A	151	chr2:29383731-29383859
## 9430	chr2 29383749	-	A	80	chr2:29383731-29383859
## 9431	chr2 29383749	+	C	1	chr2:29383731-29383859
## 9432	chr2 29383750	+	G	139	chr2:29383731-29383859
## 9433	chr2 29383750	-	G	86	chr2:29383731-29383859
## 9434	chr2 29383751	+	G	154	chr2:29383731-29383859
## 9435	chr2 29383751	-	G	91	chr2:29383731-29383859
## 9436	chr2 29383752	+	G	151	chr2:29383731-29383859
## 9437	chr2 29383752	-	G	90	chr2:29383731-29383859
## 9438	chr2 29383753	+	C	144	chr2:29383731-29383859
## 9439	chr2 29383753	-	C	90	chr2:29383731-29383859
## 9440	chr2 29383754	+	A	138	chr2:29383731-29383859
## 9441	chr2 29383754	-	A	87	chr2:29383731-29383859
## 9442	chr2 29383755	+	A	136	chr2:29383731-29383859
## 9443	chr2 29383755	-	A	99	chr2:29383731-29383859
## 9444	chr2 29383756	+	A	139	chr2:29383731-29383859
## 9445	chr2 29383756	-	A	108	chr2:29383731-29383859
## 9446	chr2 29383757	+	G	141	chr2:29383731-29383859
## 9447	chr2 29383757	-	G	108	chr2:29383731-29383859
## 9448	chr2 29383757	+	T	1	chr2:29383731-29383859
## 9449	chr2 29383758	+	A	142	chr2:29383731-29383859
## 9450	chr2 29383758	-	A	108	chr2:29383731-29383859
## 9451	chr2 29383759	+	A	142	chr2:29383731-29383859
## 9452	chr2 29383759	-	A	108	chr2:29383731-29383859
## 9453	chr2 29383760	+	G	142	chr2:29383731-29383859
## 9454	chr2 29383760	-	G	108	chr2:29383731-29383859
## 9455	chr2 29383761	+	T	141	chr2:29383731-29383859
## 9456	chr2 29383761	-	T	109	chr2:29383731-29383859
## 9457	chr2 29383762	+	C	141	chr2:29383731-29383859
## 9458	chr2 29383762	-	C	109	chr2:29383731-29383859
## 9459	chr2 29383763	+	C	141	chr2:29383731-29383859
## 9460	chr2 29383763	-	C	109	chr2:29383731-29383859
## 9461	chr2 29383764	+	A	141	chr2:29383731-29383859
## 9462	chr2 29383764	-	A	109	chr2:29383731-29383859
## 9463	chr2 29383765	+	C	141	chr2:29383731-29383859
## 9464	chr2 29383765	-	C	109	chr2:29383731-29383859
## 9465	chr2 29383766	+	T	141	chr2:29383731-29383859
## 9466	chr2 29383766	-	T	109	chr2:29383731-29383859
## 9467	chr2 29383767	+	G	139	chr2:29383731-29383859
## 9468	chr2 29383767	-	G	109	chr2:29383731-29383859
## 9469	chr2 29383767	+	T	1	chr2:29383731-29383859
## 9470	chr2 29383768	+	C	142	chr2:29383731-29383859
## 9471	chr2 29383768	-	C	109	chr2:29383731-29383859
## 9472	chr2 29383769	+	A	142	chr2:29383731-29383859

## 9473	chr2 29383769	-	A	109	chr2:29383731-29383859
## 9474	chr2 29383770	+	G	142	chr2:29383731-29383859
## 9475	chr2 29383770	-	G	109	chr2:29383731-29383859
## 9476	chr2 29383771	+	A	141	chr2:29383731-29383859
## 9477	chr2 29383771	-	A	110	chr2:29383731-29383859
## 9478	chr2 29383772	+	C	141	chr2:29383731-29383859
## 9479	chr2 29383772	-	C	110	chr2:29383731-29383859
## 9480	chr2 29383773	+	A	139	chr2:29383731-29383859
## 9481	chr2 29383773	-	A	111	chr2:29383731-29383859
## 9482	chr2 29383774	+	A	139	chr2:29383731-29383859
## 9483	chr2 29383774	-	A	111	chr2:29383731-29383859
## 9484	chr2 29383775	+	G	139	chr2:29383731-29383859
## 9485	chr2 29383775	-	G	111	chr2:29383731-29383859
## 9486	chr2 29383776	+	C	139	chr2:29383731-29383859
## 9487	chr2 29383776	-	C	111	chr2:29383731-29383859
## 9488	chr2 29383777	+	T	139	chr2:29383731-29383859
## 9489	chr2 29383777	-	T	111	chr2:29383731-29383859
## 9490	chr2 29383778	+	G	138	chr2:29383731-29383859
## 9491	chr2 29383778	-	G	112	chr2:29383731-29383859
## 9492	chr2 29383779	+	C	138	chr2:29383731-29383859
## 9493	chr2 29383779	-	C	112	chr2:29383731-29383859
## 9494	chr2 29383780	+	G	138	chr2:29383731-29383859
## 9495	chr2 29383780	-	G	112	chr2:29383731-29383859
## 9496	chr2 29383781	+	G	137	chr2:29383731-29383859
## 9497	chr2 29383781	-	G	112	chr2:29383731-29383859
## 9498	chr2 29383782	+	T	138	chr2:29383731-29383859
## 9499	chr2 29383782	-	T	112	chr2:29383731-29383859
## 9500	chr2 29383783	+	T	137	chr2:29383731-29383859
## 9501	chr2 29383783	-	T	113	chr2:29383731-29383859
## 9502	chr2 29383784	+	T	137	chr2:29383731-29383859
## 9503	chr2 29383784	-	T	112	chr2:29383731-29383859
## 9504	chr2 29383785	+	C	138	chr2:29383731-29383859
## 9505	chr2 29383785	-	C	112	chr2:29383731-29383859
## 9506	chr2 29383786	+	C	138	chr2:29383731-29383859
## 9507	chr2 29383786	-	C	112	chr2:29383731-29383859
## 9508	chr2 29383787	+	A	138	chr2:29383731-29383859
## 9509	chr2 29383787	-	A	112	chr2:29383731-29383859
## 9510	chr2 29383788	+	C	138	chr2:29383731-29383859
## 9511	chr2 29383788	-	C	112	chr2:29383731-29383859
## 9512	chr2 29383789	+	T	138	chr2:29383731-29383859
## 9513	chr2 29383789	-	T	112	chr2:29383731-29383859
## 9514	chr2 29383790	+	G	137	chr2:29383731-29383859
## 9515	chr2 29383790	-	G	113	chr2:29383731-29383859
## 9516	chr2 29383791	+	G	137	chr2:29383731-29383859
## 9517	chr2 29383791	-	G	113	chr2:29383731-29383859
## 9518	chr2 29383792	+	A	137	chr2:29383731-29383859
## 9519	chr2 29383792	-	A	113	chr2:29383731-29383859
## 9520	chr2 29383793	+	G	137	chr2:29383731-29383859
## 9521	chr2 29383793	-	G	113	chr2:29383731-29383859
## 9522	chr2 29383794	+	A	137	chr2:29383731-29383859
## 9523	chr2 29383794	-	A	113	chr2:29383731-29383859
## 9524	chr2 29383795	+	T	137	chr2:29383731-29383859
## 9525	chr2 29383795	-	T	113	chr2:29383731-29383859
## 9526	chr2 29383796	+	G	136	chr2:29383731-29383859

## 9527	chr2 29383796	-	G	114	chr2:29383731-29383859
## 9528	chr2 29383797	+	T	136	chr2:29383731-29383859
## 9529	chr2 29383797	-	T	114	chr2:29383731-29383859
## 9530	chr2 29383798	+	A	136	chr2:29383731-29383859
## 9531	chr2 29383798	-	A	114	chr2:29383731-29383859
## 9532	chr2 29383799	+	T	136	chr2:29383731-29383859
## 9533	chr2 29383799	-	T	114	chr2:29383731-29383859
## 9534	chr2 29383800	+	T	136	chr2:29383731-29383859
## 9535	chr2 29383800	-	T	114	chr2:29383731-29383859
## 9536	chr2 29383801	+	C	136	chr2:29383731-29383859
## 9537	chr2 29383801	-	C	114	chr2:29383731-29383859
## 9538	chr2 29383802	+	C	136	chr2:29383731-29383859
## 9539	chr2 29383802	-	C	114	chr2:29383731-29383859
## 9540	chr2 29383803	+	A	136	chr2:29383731-29383859
## 9541	chr2 29383803	-	A	114	chr2:29383731-29383859
## 9542	chr2 29383804	+	-	1	chr2:29383731-29383859
## 9543	chr2 29383804	+	G	135	chr2:29383731-29383859
## 9544	chr2 29383804	-	G	113	chr2:29383731-29383859
## 9545	chr2 29383805	+	G	138	chr2:29383731-29383859
## 9546	chr2 29383805	-	G	113	chr2:29383731-29383859
## 9547	chr2 29383806	+	G	138	chr2:29383731-29383859
## 9548	chr2 29383806	-	G	113	chr2:29383731-29383859
## 9549	chr2 29383807	+	C	138	chr2:29383731-29383859
## 9550	chr2 29383807	-	C	113	chr2:29383731-29383859
## 9551	chr2 29383808	+	C	139	chr2:29383731-29383859
## 9552	chr2 29383808	-	C	112	chr2:29383731-29383859
## 9553	chr2 29383809	+	A	139	chr2:29383731-29383859
## 9554	chr2 29383809	-	A	112	chr2:29383731-29383859
## 9555	chr2 29383810	+	C	138	chr2:29383731-29383859
## 9556	chr2 29383810	-	C	112	chr2:29383731-29383859
## 9557	chr2 29383810	+	G	1	chr2:29383731-29383859
## 9558	chr2 29383811	+	A	1	chr2:29383731-29383859
## 9559	chr2 29383811	+	T	136	chr2:29383731-29383859
## 9560	chr2 29383811	-	T	112	chr2:29383731-29383859
## 9561	chr2 29383812	+	C	138	chr2:29383731-29383859
## 9562	chr2 29383812	-	C	112	chr2:29383731-29383859
## 9563	chr2 29383813	-	A	1	chr2:29383731-29383859
## 9564	chr2 29383813	+	G	138	chr2:29383731-29383859
## 9565	chr2 29383813	-	G	111	chr2:29383731-29383859
## 9566	chr2 29383814	+	A	137	chr2:29383731-29383859
## 9567	chr2 29383814	-	A	112	chr2:29383731-29383859
## 9568	chr2 29383815	+	A	132	chr2:29383731-29383859
## 9569	chr2 29383815	-	A	105	chr2:29383731-29383859
## 9570	chr2 29383816	+	A	135	chr2:29383731-29383859
## 9571	chr2 29383816	-	A	108	chr2:29383731-29383859
## 9572	chr2 29383817	+	T	133	chr2:29383731-29383859
## 9573	chr2 29383817	-	T	111	chr2:29383731-29383859
## 9574	chr2 29383818	+	G	129	chr2:29383731-29383859
## 9575	chr2 29383818	-	G	107	chr2:29383731-29383859
## 9576	chr2 29383819	-	A	1	chr2:29383731-29383859
## 9577	chr2 29383819	+	G	132	chr2:29383731-29383859
## 9578	chr2 29383819	-	G	105	chr2:29383731-29383859
## 9579	chr2 29383820	+	G	129	chr2:29383731-29383859
## 9580	chr2 29383820	-	G	116	chr2:29383731-29383859

## 9581	chr2 29383821	+	T	133	chr2:29383731-29383859
## 9582	chr2 29383821	-	T	106	chr2:29383731-29383859
## 9583	chr2 29383822	+	T	137	chr2:29383731-29383859
## 9584	chr2 29383822	-	T	106	chr2:29383731-29383859
## 9585	chr2 29383823	+	G	133	chr2:29383731-29383859
## 9586	chr2 29383823	-	G	103	chr2:29383731-29383859
## 9587	chr2 29383824	+	T	140	chr2:29383731-29383859
## 9588	chr2 29383824	-	T	92	chr2:29383731-29383859
## 9589	chr2 29383825	+	C	138	chr2:29383731-29383859
## 9590	chr2 29383825	-	C	96	chr2:29383731-29383859
## 9591	chr2 29383826	+	T	123	chr2:29383731-29383859
## 9592	chr2 29383826	-	T	94	chr2:29383731-29383859
## 9593	chr2 29383827	+	G	124	chr2:29383731-29383859
## 9594	chr2 29383827	-	G	97	chr2:29383731-29383859
## 9595	chr2 29383827	-	T	1	chr2:29383731-29383859
## 9596	chr2 29383828	+	G	121	chr2:29383731-29383859
## 9597	chr2 29383828	-	G	103	chr2:29383731-29383859
## 9598	chr2 29383829	+	A	118	chr2:29383731-29383859
## 9599	chr2 29383829	-	A	110	chr2:29383731-29383859
## 9600	chr2 29383830	+	C	116	chr2:29383731-29383859
## 9601	chr2 29383830	-	C	108	chr2:29383731-29383859
## 9602	chr2 29383831	+	G	120	chr2:29383731-29383859
## 9603	chr2 29383831	-	G	108	chr2:29383731-29383859
## 9604	chr2 29383832	+	C	117	chr2:29383731-29383859
## 9605	chr2 29383832	-	C	116	chr2:29383731-29383859
## 9606	chr2 29383832	+	G	1	chr2:29383731-29383859
## 9607	chr2 29383833	+	C	119	chr2:29383731-29383859
## 9608	chr2 29383833	-	C	122	chr2:29383731-29383859
## 9609	chr2 29383834	+	C	126	chr2:29383731-29383859
## 9610	chr2 29383834	-	C	123	chr2:29383731-29383859
## 9611	chr2 29383834	+	T	1	chr2:29383731-29383859
## 9612	chr2 29383835	+	G	127	chr2:29383731-29383859
## 9613	chr2 29383835	-	G	123	chr2:29383731-29383859
## 9614	chr2 29383836	+	A	128	chr2:29383731-29383859
## 9615	chr2 29383836	-	A	122	chr2:29383731-29383859
## 9616	chr2 29383837	+	T	127	chr2:29383731-29383859
## 9617	chr2 29383837	-	T	123	chr2:29383731-29383859
## 9618	chr2 29383838	+	T	128	chr2:29383731-29383859
## 9619	chr2 29383838	-	T	123	chr2:29383731-29383859
## 9620	chr2 29383839	-	A	3	chr2:29383731-29383859
## 9621	chr2 29383839	+	C	127	chr2:29383731-29383859
## 9622	chr2 29383839	-	C	121	chr2:29383731-29383859
## 9623	chr2 29383840	+	T	127	chr2:29383731-29383859
## 9624	chr2 29383840	-	T	124	chr2:29383731-29383859
## 9625	chr2 29383841	+	T	127	chr2:29383731-29383859
## 9626	chr2 29383841	-	T	124	chr2:29383731-29383859
## 9627	chr2 29383842	-	A	1	chr2:29383731-29383859
## 9628	chr2 29383842	+	C	127	chr2:29383731-29383859
## 9629	chr2 29383842	-	C	122	chr2:29383731-29383859
## 9630	chr2 29383842	-	T	1	chr2:29383731-29383859
## 9631	chr2 29383843	+	C	127	chr2:29383731-29383859
## 9632	chr2 29383843	-	C	124	chr2:29383731-29383859
## 9633	chr2 29383844	+	C	127	chr2:29383731-29383859
## 9634	chr2 29383844	-	C	123	chr2:29383731-29383859

## 9635	chr2 29383844	-	T	1	chr2:29383731-29383859
## 9636	chr2 29383845	+	T	126	chr2:29383731-29383859
## 9637	chr2 29383845	-	T	124	chr2:29383731-29383859
## 9638	chr2 29383846	+	G	127	chr2:29383731-29383859
## 9639	chr2 29383846	-	G	123	chr2:29383731-29383859
## 9640	chr2 29383847	+	C	1	chr2:29383731-29383859
## 9641	chr2 29383847	+	G	126	chr2:29383731-29383859
## 9642	chr2 29383847	-	G	123	chr2:29383731-29383859
## 9643	chr2 29383848	+	A	128	chr2:29383731-29383859
## 9644	chr2 29383848	-	A	123	chr2:29383731-29383859
## 9645	chr2 29383849	+	G	127	chr2:29383731-29383859
## 9646	chr2 29383849	-	G	124	chr2:29383731-29383859
## 9647	chr2 29383850	+	C	126	chr2:29383731-29383859
## 9648	chr2 29383850	-	C	124	chr2:29383731-29383859
## 9649	chr2 29383851	+	A	127	chr2:29383731-29383859
## 9650	chr2 29383851	-	A	124	chr2:29383731-29383859
## 9651	chr2 29383852	+	C	127	chr2:29383731-29383859
## 9652	chr2 29383852	-	C	124	chr2:29383731-29383859
## 9653	chr2 29383853	+	T	128	chr2:29383731-29383859
## 9654	chr2 29383853	-	T	123	chr2:29383731-29383859
## 9655	chr2 29383854	+	G	128	chr2:29383731-29383859
## 9656	chr2 29383854	-	G	123	chr2:29383731-29383859
## 9657	chr2 29383855	+	T	127	chr2:29383731-29383859
## 9658	chr2 29383855	-	T	124	chr2:29383731-29383859
## 9659	chr2 29383856	+	C	127	chr2:29383731-29383859
## 9660	chr2 29383856	-	C	125	chr2:29383731-29383859
## 9661	chr2 29383857	+	C	126	chr2:29383731-29383859
## 9662	chr2 29383857	-	C	125	chr2:29383731-29383859
## 9663	chr2 29383858	+	A	126	chr2:29383731-29383859
## 9664	chr2 29383858	-	A	125	chr2:29383731-29383859
## 9665	chr2 29383859	+	A	126	chr2:29383731-29383859
## 9666	chr2 29383859	-	A	126	chr2:29383731-29383859
## 9667	chr2 29531914	+	C	267	chr2:29531914-29532116
## 9668	chr2 29531914	-	C	34	chr2:29531914-29532116
## 9669	chr2 29531915	+	A	2	chr2:29531914-29532116
## 9670	chr2 29531915	+	C	265	chr2:29531914-29532116
## 9671	chr2 29531915	-	C	33	chr2:29531914-29532116
## 9672	chr2 29531916	+	C	265	chr2:29531914-29532116
## 9673	chr2 29531916	-	C	33	chr2:29531914-29532116
## 9674	chr2 29531917	+	A	263	chr2:29531914-29532116
## 9675	chr2 29531917	-	A	32	chr2:29531914-29532116
## 9676	chr2 29531918	+	T	256	chr2:29531914-29532116
## 9677	chr2 29531918	-	T	28	chr2:29531914-29532116
## 9678	chr2 29531919	+	A	1	chr2:29531914-29532116
## 9679	chr2 29531919	-	A	1	chr2:29531914-29532116
## 9680	chr2 29531919	+	G	249	chr2:29531914-29532116
## 9681	chr2 29531919	-	G	27	chr2:29531914-29532116
## 9682	chr2 29531920	+	C	238	chr2:29531914-29532116
## 9683	chr2 29531920	-	C	28	chr2:29531914-29532116
## 9684	chr2 29531921	+	C	1	chr2:29531914-29532116
## 9685	chr2 29531921	+	T	227	chr2:29531914-29532116
## 9686	chr2 29531921	-	T	24	chr2:29531914-29532116
## 9687	chr2 29531922	+	T	226	chr2:29531914-29532116
## 9688	chr2 29531922	-	T	21	chr2:29531914-29532116

## 9689	chr2 29531923	+	C	219	chr2:29531914-29532116
## 9690	chr2 29531923	-	C	21	chr2:29531914-29532116
## 9691	chr2 29531924	+	C	206	chr2:29531914-29532116
## 9692	chr2 29531924	-	C	25	chr2:29531914-29532116
## 9693	chr2 29531925	+	C	196	chr2:29531914-29532116
## 9694	chr2 29531925	-	C	28	chr2:29531914-29532116
## 9695	chr2 29531926	-	G	1	chr2:29531914-29532116
## 9696	chr2 29531926	+	T	206	chr2:29531914-29532116
## 9697	chr2 29531926	-	T	26	chr2:29531914-29532116
## 9698	chr2 29531927	+	G	207	chr2:29531914-29532116
## 9699	chr2 29531927	-	G	30	chr2:29531914-29532116
## 9700	chr2 29531928	+	G	218	chr2:29531914-29532116
## 9701	chr2 29531928	-	G	27	chr2:29531914-29532116
## 9702	chr2 29531929	+	A	214	chr2:29531914-29532116
## 9703	chr2 29531929	-	A	27	chr2:29531914-29532116
## 9704	chr2 29531930	+	G	214	chr2:29531914-29532116
## 9705	chr2 29531930	-	G	23	chr2:29531914-29532116
## 9706	chr2 29531931	+	T	220	chr2:29531914-29532116
## 9707	chr2 29531931	-	T	23	chr2:29531914-29532116
## 9708	chr2 29531932	+	G	208	chr2:29531914-29532116
## 9709	chr2 29531932	-	G	26	chr2:29531914-29532116
## 9710	chr2 29531933	+	G	222	chr2:29531914-29532116
## 9711	chr2 29531933	-	G	27	chr2:29531914-29532116
## 9712	chr2 29531934	+	G	213	chr2:29531914-29532116
## 9713	chr2 29531934	-	G	27	chr2:29531914-29532116
## 9714	chr2 29531935	+	C	213	chr2:29531914-29532116
## 9715	chr2 29531935	-	C	27	chr2:29531914-29532116
## 9716	chr2 29531936	+	A	216	chr2:29531914-29532116
## 9717	chr2 29531936	-	A	27	chr2:29531914-29532116
## 9718	chr2 29531937	+	T	211	chr2:29531914-29532116
## 9719	chr2 29531937	-	T	27	chr2:29531914-29532116
## 9720	chr2 29531938	+	C	211	chr2:29531914-29532116
## 9721	chr2 29531938	-	C	24	chr2:29531914-29532116
## 9722	chr2 29531938	+	T	2	chr2:29531914-29532116
## 9723	chr2 29531939	+	A	218	chr2:29531914-29532116
## 9724	chr2 29531939	-	A	24	chr2:29531914-29532116
## 9725	chr2 29531940	+	G	226	chr2:29531914-29532116
## 9726	chr2 29531940	-	G	24	chr2:29531914-29532116
## 9727	chr2 29531941	+	G	226	chr2:29531914-29532116
## 9728	chr2 29531941	-	G	24	chr2:29531914-29532116
## 9729	chr2 29531942	+	A	226	chr2:29531914-29532116
## 9730	chr2 29531942	-	A	24	chr2:29531914-29532116
## 9731	chr2 29531943	+	G	226	chr2:29531914-29532116
## 9732	chr2 29531943	-	G	24	chr2:29531914-29532116
## 9733	chr2 29531944	+	G	226	chr2:29531914-29532116
## 9734	chr2 29531944	-	G	24	chr2:29531914-29532116
## 9735	chr2 29531945	+	A	226	chr2:29531914-29532116
## 9736	chr2 29531945	-	A	24	chr2:29531914-29532116
## 9737	chr2 29531946	+	T	226	chr2:29531914-29532116
## 9738	chr2 29531946	-	T	24	chr2:29531914-29532116
## 9739	chr2 29531947	+	C	226	chr2:29531914-29532116
## 9740	chr2 29531947	-	C	24	chr2:29531914-29532116
## 9741	chr2 29531948	+	T	226	chr2:29531914-29532116
## 9742	chr2 29531948	-	T	24	chr2:29531914-29532116

## 9743	chr2 29531949	+	C	226	chr2:29531914-29532116
## 9744	chr2 29531949	-	C	24	chr2:29531914-29532116
## 9745	chr2 29531950	+	A	1	chr2:29531914-29532116
## 9746	chr2 29531950	+	T	225	chr2:29531914-29532116
## 9747	chr2 29531950	-	T	24	chr2:29531914-29532116
## 9748	chr2 29531951	+	C	226	chr2:29531914-29532116
## 9749	chr2 29531951	-	C	24	chr2:29531914-29532116
## 9750	chr2 29531952	+	T	226	chr2:29531914-29532116
## 9751	chr2 29531952	-	T	24	chr2:29531914-29532116
## 9752	chr2 29531953	+	T	225	chr2:29531914-29532116
## 9753	chr2 29531953	-	T	24	chr2:29531914-29532116
## 9754	chr2 29531954	+	G	226	chr2:29531914-29532116
## 9755	chr2 29531954	-	G	24	chr2:29531914-29532116
## 9756	chr2 29531955	+	C	226	chr2:29531914-29532116
## 9757	chr2 29531955	-	C	24	chr2:29531914-29532116
## 9758	chr2 29531956	+	A	226	chr2:29531914-29532116
## 9759	chr2 29531956	-	A	24	chr2:29531914-29532116
## 9760	chr2 29531957	+	G	225	chr2:29531914-29532116
## 9761	chr2 29531957	-	G	24	chr2:29531914-29532116
## 9762	chr2 29531958	+	C	222	chr2:29531914-29532116
## 9763	chr2 29531958	-	C	26	chr2:29531914-29532116
## 9764	chr2 29531959	+	C	224	chr2:29531914-29532116
## 9765	chr2 29531959	-	C	26	chr2:29531914-29532116
## 9766	chr2 29531960	+	T	223	chr2:29531914-29532116
## 9767	chr2 29531960	-	T	27	chr2:29531914-29532116
## 9768	chr2 29531961	+	C	224	chr2:29531914-29532116
## 9769	chr2 29531961	-	C	27	chr2:29531914-29532116
## 9770	chr2 29531962	+	G	224	chr2:29531914-29532116
## 9771	chr2 29531962	-	G	27	chr2:29531914-29532116
## 9772	chr2 29531963	+	T	224	chr2:29531914-29532116
## 9773	chr2 29531963	-	T	27	chr2:29531914-29532116
## 9774	chr2 29531964	+	G	1	chr2:29531914-29532116
## 9775	chr2 29531964	+	T	223	chr2:29531914-29532116
## 9776	chr2 29531964	-	T	27	chr2:29531914-29532116
## 9777	chr2 29531965	+	G	224	chr2:29531914-29532116
## 9778	chr2 29531965	-	G	27	chr2:29531914-29532116
## 9779	chr2 29531966	+	T	224	chr2:29531914-29532116
## 9780	chr2 29531966	-	T	27	chr2:29531914-29532116
## 9781	chr2 29531967	+	G	224	chr2:29531914-29532116
## 9782	chr2 29531967	-	G	27	chr2:29531914-29532116
## 9783	chr2 29531968	+	G	224	chr2:29531914-29532116
## 9784	chr2 29531968	-	G	27	chr2:29531914-29532116
## 9785	chr2 29531969	+	G	224	chr2:29531914-29532116
## 9786	chr2 29531969	-	G	27	chr2:29531914-29532116
## 9787	chr2 29531970	+	G	224	chr2:29531914-29532116
## 9788	chr2 29531970	-	G	27	chr2:29531914-29532116
## 9789	chr2 29531971	+	C	224	chr2:29531914-29532116
## 9790	chr2 29531971	-	C	27	chr2:29531914-29532116
## 9791	chr2 29531972	+	A	224	chr2:29531914-29532116
## 9792	chr2 29531972	-	A	27	chr2:29531914-29532116
## 9793	chr2 29531973	+	G	224	chr2:29531914-29532116
## 9794	chr2 29531973	-	G	27	chr2:29531914-29532116
## 9795	chr2 29531974	+	C	224	chr2:29531914-29532116
## 9796	chr2 29531974	-	C	27	chr2:29531914-29532116

## 9797	chr2 29531975	+	A	224	chr2:29531914-29532116
## 9798	chr2 29531975	-	A	27	chr2:29531914-29532116
## 9799	chr2 29531976	+	A	1	chr2:29531914-29532116
## 9800	chr2 29531976	+	G	223	chr2:29531914-29532116
## 9801	chr2 29531976	-	G	26	chr2:29531914-29532116
## 9802	chr2 29531977	+	C	224	chr2:29531914-29532116
## 9803	chr2 29531977	-	C	26	chr2:29531914-29532116
## 9804	chr2 29531978	+	T	224	chr2:29531914-29532116
## 9805	chr2 29531978	-	T	26	chr2:29531914-29532116
## 9806	chr2 29531979	+	G	224	chr2:29531914-29532116
## 9807	chr2 29531979	-	G	26	chr2:29531914-29532116
## 9808	chr2 29531980	+	G	224	chr2:29531914-29532116
## 9809	chr2 29531980	-	G	26	chr2:29531914-29532116
## 9810	chr2 29531981	+	G	224	chr2:29531914-29532116
## 9811	chr2 29531981	-	G	26	chr2:29531914-29532116
## 9812	chr2 29531982	+	C	224	chr2:29531914-29532116
## 9813	chr2 29531982	-	C	26	chr2:29531914-29532116
## 9814	chr2 29531983	+	A	224	chr2:29531914-29532116
## 9815	chr2 29531983	-	A	26	chr2:29531914-29532116
## 9816	chr2 29531984	+	A	223	chr2:29531914-29532116
## 9817	chr2 29531984	-	A	26	chr2:29531914-29532116
## 9818	chr2 29531984	+	T	1	chr2:29531914-29532116
## 9819	chr2 29531985	+	C	1	chr2:29531914-29532116
## 9820	chr2 29531985	+	T	223	chr2:29531914-29532116
## 9821	chr2 29531985	-	T	26	chr2:29531914-29532116
## 9822	chr2 29531986	+	G	224	chr2:29531914-29532116
## 9823	chr2 29531986	-	G	26	chr2:29531914-29532116
## 9824	chr2 29531987	+	T	224	chr2:29531914-29532116
## 9825	chr2 29531987	-	T	26	chr2:29531914-29532116
## 9826	chr2 29531988	+	A	225	chr2:29531914-29532116
## 9827	chr2 29531988	-	A	26	chr2:29531914-29532116
## 9828	chr2 29531989	+	C	225	chr2:29531914-29532116
## 9829	chr2 29531989	-	C	26	chr2:29531914-29532116
## 9830	chr2 29531990	+	C	225	chr2:29531914-29532116
## 9831	chr2 29531990	-	C	26	chr2:29531914-29532116
## 9832	chr2 29531991	+	T	225	chr2:29531914-29532116
## 9833	chr2 29531991	-	T	26	chr2:29531914-29532116
## 9834	chr2 29531992	+	T	225	chr2:29531914-29532116
## 9835	chr2 29531992	-	T	26	chr2:29531914-29532116
## 9836	chr2 29531993	+	C	225	chr2:29531914-29532116
## 9837	chr2 29531993	-	C	26	chr2:29531914-29532116
## 9838	chr2 29531994	+	C	225	chr2:29531914-29532116
## 9839	chr2 29531994	-	C	26	chr2:29531914-29532116
## 9840	chr2 29531995	+	A	225	chr2:29531914-29532116
## 9841	chr2 29531995	-	A	26	chr2:29531914-29532116
## 9842	chr2 29531996	+	G	225	chr2:29531914-29532116
## 9843	chr2 29531996	-	G	26	chr2:29531914-29532116
## 9844	chr2 29531997	+	A	225	chr2:29531914-29532116
## 9845	chr2 29531997	-	A	26	chr2:29531914-29532116
## 9846	chr2 29531998	+	G	224	chr2:29531914-29532116
## 9847	chr2 29531998	-	G	26	chr2:29531914-29532116
## 9848	chr2 29531999	+	G	225	chr2:29531914-29532116
## 9849	chr2 29531999	-	G	20	chr2:29531914-29532116
## 9850	chr2 29532000	+	G	218	chr2:29531914-29532116

## 9851	chr2	29532000	-	G	17	chr2:29531914-29532116
## 9852	chr2	29532001	+	C	219	chr2:29531914-29532116
## 9853	chr2	29532001	-	C	12	chr2:29531914-29532116
## 9854	chr2	29532002	+	T	223	chr2:29531914-29532116
## 9855	chr2	29532002	-	T	10	chr2:29531914-29532116
## 9856	chr2	29532003	+	G	227	chr2:29531914-29532116
## 9857	chr2	29532003	-	G	10	chr2:29531914-29532116
## 9858	chr2	29532004	+	C	232	chr2:29531914-29532116
## 9859	chr2	29532004	-	C	10	chr2:29531914-29532116
## 9860	chr2	29532004	+	T	3	chr2:29531914-29532116
## 9861	chr2	29532005	+	A	229	chr2:29531914-29532116
## 9862	chr2	29532005	-	A	10	chr2:29531914-29532116
## 9863	chr2	29532005	+	G	1	chr2:29531914-29532116
## 9864	chr2	29532006	+	G	228	chr2:29531914-29532116
## 9865	chr2	29532006	-	G	10	chr2:29531914-29532116
## 9866	chr2	29532007	+	C	1	chr2:29531914-29532116
## 9867	chr2	29532007	+	G	235	chr2:29531914-29532116
## 9868	chr2	29532007	-	G	8	chr2:29531914-29532116
## 9869	chr2	29532008	+	T	227	chr2:29531914-29532116
## 9870	chr2	29532008	-	T	7	chr2:29531914-29532116
## 9871	chr2	29532009	+	A	1	chr2:29531914-29532116
## 9872	chr2	29532009	+	G	241	chr2:29531914-29532116
## 9873	chr2	29532009	-	G	7	chr2:29531914-29532116
## 9874	chr2	29532010	+	C	233	chr2:29531914-29532116
## 9875	chr2	29532010	-	C	7	chr2:29531914-29532116
## 9876	chr2	29532011	+	C	233	chr2:29531914-29532116
## 9877	chr2	29532011	-	C	7	chr2:29531914-29532116
## 9878	chr2	29532012	+	T	242	chr2:29531914-29532116
## 9879	chr2	29532012	-	T	6	chr2:29531914-29532116
## 9880	chr2	29532013	+	G	236	chr2:29531914-29532116
## 9881	chr2	29532013	-	G	5	chr2:29531914-29532116
## 9882	chr2	29532014	+	C	1	chr2:29531914-29532116
## 9883	chr2	29532014	+	T	231	chr2:29531914-29532116
## 9884	chr2	29532014	-	T	5	chr2:29531914-29532116
## 9885	chr2	29532015	+	G	237	chr2:29531914-29532116
## 9886	chr2	29532015	-	G	5	chr2:29531914-29532116
## 9887	chr2	29532016	+	C	245	chr2:29531914-29532116
## 9888	chr2	29532016	-	C	5	chr2:29531914-29532116
## 9889	chr2	29532017	+	A	245	chr2:29531914-29532116
## 9890	chr2	29532017	-	A	5	chr2:29531914-29532116
## 9891	chr2	29532018	+	C	245	chr2:29531914-29532116
## 9892	chr2	29532018	-	C	5	chr2:29531914-29532116
## 9893	chr2	29532019	+	C	245	chr2:29531914-29532116
## 9894	chr2	29532019	-	C	5	chr2:29531914-29532116
## 9895	chr2	29532020	+	G	245	chr2:29531914-29532116
## 9896	chr2	29532020	-	G	5	chr2:29531914-29532116
## 9897	chr2	29532021	+	A	245	chr2:29531914-29532116
## 9898	chr2	29532021	-	A	5	chr2:29531914-29532116
## 9899	chr2	29532022	+	G	245	chr2:29531914-29532116
## 9900	chr2	29532022	-	G	5	chr2:29531914-29532116
## 9901	chr2	29532023	+	A	245	chr2:29531914-29532116
## 9902	chr2	29532023	-	A	5	chr2:29531914-29532116
## 9903	chr2	29532024	+	C	245	chr2:29531914-29532116
## 9904	chr2	29532024	-	C	5	chr2:29531914-29532116

## 9905	chr2 29532025	+	A	1	chr2:29531914-29532116
## 9906	chr2 29532025	+	G	244	chr2:29531914-29532116
## 9907	chr2 29532025	-	G	5	chr2:29531914-29532116
## 9908	chr2 29532026	+	G	245	chr2:29531914-29532116
## 9909	chr2 29532026	-	G	5	chr2:29531914-29532116
## 9910	chr2 29532027	+	C	245	chr2:29531914-29532116
## 9911	chr2 29532027	-	C	5	chr2:29531914-29532116
## 9912	chr2 29532028	+	C	245	chr2:29531914-29532116
## 9913	chr2 29532028	-	C	5	chr2:29531914-29532116
## 9914	chr2 29532029	+	A	244	chr2:29531914-29532116
## 9915	chr2 29532029	-	A	5	chr2:29531914-29532116
## 9916	chr2 29532030	+	C	1	chr2:29531914-29532116
## 9917	chr2 29532030	+	G	243	chr2:29531914-29532116
## 9918	chr2 29532030	-	G	6	chr2:29531914-29532116
## 9919	chr2 29532031	+	T	244	chr2:29531914-29532116
## 9920	chr2 29532031	-	T	6	chr2:29531914-29532116
## 9921	chr2 29532032	+	G	244	chr2:29531914-29532116
## 9922	chr2 29532032	-	G	6	chr2:29531914-29532116
## 9923	chr2 29532033	+	T	245	chr2:29531914-29532116
## 9924	chr2 29532033	-	T	4	chr2:29531914-29532116
## 9925	chr2 29532034	+	G	244	chr2:29531914-29532116
## 9926	chr2 29532034	-	G	4	chr2:29531914-29532116
## 9927	chr2 29532035	+	C	247	chr2:29531914-29532116
## 9928	chr2 29532035	-	C	3	chr2:29531914-29532116
## 9929	chr2 29532036	+	A	246	chr2:29531914-29532116
## 9930	chr2 29532036	-	A	4	chr2:29531914-29532116
## 9931	chr2 29532037	+	G	246	chr2:29531914-29532116
## 9932	chr2 29532037	-	G	4	chr2:29531914-29532116
## 9933	chr2 29532038	+	T	246	chr2:29531914-29532116
## 9934	chr2 29532038	-	T	4	chr2:29531914-29532116
## 9935	chr2 29532039	+	G	246	chr2:29531914-29532116
## 9936	chr2 29532039	-	G	4	chr2:29531914-29532116
## 9937	chr2 29532040	+	C	246	chr2:29531914-29532116
## 9938	chr2 29532040	-	C	4	chr2:29531914-29532116
## 9939	chr2 29532041	+	T	246	chr2:29531914-29532116
## 9940	chr2 29532041	-	T	4	chr2:29531914-29532116
## 9941	chr2 29532042	+	C	246	chr2:29531914-29532116
## 9942	chr2 29532042	-	C	4	chr2:29531914-29532116
## 9943	chr2 29532043	+	A	246	chr2:29531914-29532116
## 9944	chr2 29532043	-	A	4	chr2:29531914-29532116
## 9945	chr2 29532044	+	C	246	chr2:29531914-29532116
## 9946	chr2 29532044	-	C	4	chr2:29531914-29532116
## 9947	chr2 29532045	+	T	246	chr2:29531914-29532116
## 9948	chr2 29532045	-	T	4	chr2:29531914-29532116
## 9949	chr2 29532046	+	G	246	chr2:29531914-29532116
## 9950	chr2 29532046	-	G	4	chr2:29531914-29532116
## 9951	chr2 29532047	+	C	246	chr2:29531914-29532116
## 9952	chr2 29532047	-	C	4	chr2:29531914-29532116
## 9953	chr2 29532048	+	T	246	chr2:29531914-29532116
## 9954	chr2 29532048	-	T	4	chr2:29531914-29532116
## 9955	chr2 29532049	+	G	244	chr2:29531914-29532116
## 9956	chr2 29532049	-	G	4	chr2:29531914-29532116
## 9957	chr2 29532049	+	T	1	chr2:29531914-29532116
## 9958	chr2 29532050	+	C	246	chr2:29531914-29532116

## 9959	chr2	29532050	-	C	4	chr2:29531914-29532116
## 9960	chr2	29532051	+	T	246	chr2:29531914-29532116
## 9961	chr2	29532051	-	T	4	chr2:29531914-29532116
## 9962	chr2	29532052	+	A	1	chr2:29531914-29532116
## 9963	chr2	29532052	+	C	245	chr2:29531914-29532116
## 9964	chr2	29532052	-	C	4	chr2:29531914-29532116
## 9965	chr2	29532053	+	C	246	chr2:29531914-29532116
## 9966	chr2	29532053	-	C	4	chr2:29531914-29532116
## 9967	chr2	29532054	+	T	246	chr2:29531914-29532116
## 9968	chr2	29532054	-	T	4	chr2:29531914-29532116
## 9969	chr2	29532055	+	C	246	chr2:29531914-29532116
## 9970	chr2	29532055	-	C	4	chr2:29531914-29532116
## 9971	chr2	29532056	+	A	246	chr2:29531914-29532116
## 9972	chr2	29532056	-	A	4	chr2:29531914-29532116
## 9973	chr2	29532057	+	T	246	chr2:29531914-29532116
## 9974	chr2	29532057	-	T	4	chr2:29531914-29532116
## 9975	chr2	29532058	+	C	246	chr2:29531914-29532116
## 9976	chr2	29532058	-	C	4	chr2:29531914-29532116
## 9977	chr2	29532059	+	C	246	chr2:29531914-29532116
## 9978	chr2	29532059	-	C	4	chr2:29531914-29532116
## 9979	chr2	29532060	+	A	246	chr2:29531914-29532116
## 9980	chr2	29532060	-	A	4	chr2:29531914-29532116
## 9981	chr2	29532061	+	C	246	chr2:29531914-29532116
## 9982	chr2	29532061	-	C	4	chr2:29531914-29532116
## 9983	chr2	29532062	+	G	246	chr2:29531914-29532116
## 9984	chr2	29532062	-	G	4	chr2:29531914-29532116
## 9985	chr2	29532063	+	G	246	chr2:29531914-29532116
## 9986	chr2	29532063	-	G	4	chr2:29531914-29532116
## 9987	chr2	29532064	+	A	245	chr2:29531914-29532116
## 9988	chr2	29532064	-	A	4	chr2:29531914-29532116
## 9989	chr2	29532064	+	C	1	chr2:29531914-29532116
## 9990	chr2	29532065	+	C	246	chr2:29531914-29532116
## 9991	chr2	29532065	-	C	4	chr2:29531914-29532116
## 9992	chr2	29532066	+	T	246	chr2:29531914-29532116
## 9993	chr2	29532066	-	T	4	chr2:29531914-29532116
## 9994	chr2	29532067	+	C	246	chr2:29531914-29532116
## 9995	chr2	29532067	-	C	4	chr2:29531914-29532116
## 9996	chr2	29532068	+	A	246	chr2:29531914-29532116
## 9997	chr2	29532068	-	A	4	chr2:29531914-29532116
## 9998	chr2	29532069	+	G	246	chr2:29531914-29532116
## 9999	chr2	29532069	-	G	4	chr2:29531914-29532116
## 10000	chr2	29532070	+	G	246	chr2:29531914-29532116
## 10001	chr2	29532070	-	G	4	chr2:29531914-29532116
## 10002	chr2	29532071	+	A	246	chr2:29531914-29532116
## 10003	chr2	29532071	-	A	4	chr2:29531914-29532116
## 10004	chr2	29532072	+	T	246	chr2:29531914-29532116
## 10005	chr2	29532072	-	T	4	chr2:29531914-29532116
## 10006	chr2	29532073	+	G	245	chr2:29531914-29532116
## 10007	chr2	29532073	-	G	4	chr2:29531914-29532116
## 10008	chr2	29532074	+	A	1	chr2:29531914-29532116
## 10009	chr2	29532074	+	G	246	chr2:29531914-29532116
## 10010	chr2	29532074	-	G	4	chr2:29531914-29532116
## 10011	chr2	29532075	+	T	241	chr2:29531914-29532116
## 10012	chr2	29532075	-	T	4	chr2:29531914-29532116

## 10013	chr2 29532076	+	G	230	chr2:29531914-29532116
## 10014	chr2 29532076	-	G	5	chr2:29531914-29532116
## 10015	chr2 29532077	+	T	228	chr2:29531914-29532116
## 10016	chr2 29532077	-	T	3	chr2:29531914-29532116
## 10017	chr2 29532078	+	G	211	chr2:29531914-29532116
## 10018	chr2 29532078	-	G	22	chr2:29531914-29532116
## 10019	chr2 29532079	+	C	203	chr2:29531914-29532116
## 10020	chr2 29532079	-	C	23	chr2:29531914-29532116
## 10021	chr2 29532080	+	T	217	chr2:29531914-29532116
## 10022	chr2 29532080	-	T	27	chr2:29531914-29532116
## 10023	chr2 29532081	+	T	213	chr2:29531914-29532116
## 10024	chr2 29532081	-	T	27	chr2:29531914-29532116
## 10025	chr2 29532082	+	G	202	chr2:29531914-29532116
## 10026	chr2 29532082	-	G	34	chr2:29531914-29532116
## 10027	chr2 29532083	+	G	195	chr2:29531914-29532116
## 10028	chr2 29532083	-	G	49	chr2:29531914-29532116
## 10029	chr2 29532084	+	A	185	chr2:29531914-29532116
## 10030	chr2 29532084	-	A	52	chr2:29531914-29532116
## 10031	chr2 29532085	+	G	194	chr2:29531914-29532116
## 10032	chr2 29532085	-	G	55	chr2:29531914-29532116
## 10033	chr2 29532086	+	T	185	chr2:29531914-29532116
## 10034	chr2 29532086	-	T	55	chr2:29531914-29532116
## 10035	chr2 29532087	+	C	175	chr2:29531914-29532116
## 10036	chr2 29532087	-	C	65	chr2:29531914-29532116
## 10037	chr2 29532088	+	A	176	chr2:29531914-29532116
## 10038	chr2 29532088	-	A	69	chr2:29531914-29532116
## 10039	chr2 29532088	-	G	1	chr2:29531914-29532116
## 10040	chr2 29532089	+	G	173	chr2:29531914-29532116
## 10041	chr2 29532089	-	G	70	chr2:29531914-29532116
## 10042	chr2 29532090	+	C	161	chr2:29531914-29532116
## 10043	chr2 29532090	-	C	76	chr2:29531914-29532116
## 10044	chr2 29532091	+	A	1	chr2:29531914-29532116
## 10045	chr2 29532091	+	T	154	chr2:29531914-29532116
## 10046	chr2 29532091	-	T	85	chr2:29531914-29532116
## 10047	chr2 29532092	+	G	159	chr2:29531914-29532116
## 10048	chr2 29532092	-	G	91	chr2:29531914-29532116
## 10049	chr2 29532093	+	A	158	chr2:29531914-29532116
## 10050	chr2 29532093	-	A	91	chr2:29531914-29532116
## 10051	chr2 29532093	+	G	1	chr2:29531914-29532116
## 10052	chr2 29532094	+	G	159	chr2:29531914-29532116
## 10053	chr2 29532094	-	G	91	chr2:29531914-29532116
## 10054	chr2 29532095	+	G	159	chr2:29531914-29532116
## 10055	chr2 29532095	-	G	91	chr2:29531914-29532116
## 10056	chr2 29532096	+	T	159	chr2:29531914-29532116
## 10057	chr2 29532096	-	T	91	chr2:29531914-29532116
## 10058	chr2 29532097	+	G	159	chr2:29531914-29532116
## 10059	chr2 29532097	-	G	91	chr2:29531914-29532116
## 10060	chr2 29532098	-	A	1	chr2:29531914-29532116
## 10061	chr2 29532098	-	G	1	chr2:29531914-29532116
## 10062	chr2 29532098	+	T	159	chr2:29531914-29532116
## 10063	chr2 29532098	-	T	89	chr2:29531914-29532116
## 10064	chr2 29532099	+	A	1	chr2:29531914-29532116
## 10065	chr2 29532099	+	T	159	chr2:29531914-29532116
## 10066	chr2 29532099	-	T	91	chr2:29531914-29532116

## 10067	chr2 29532100	+	G	160	chr2:29531914-29532116
## 10068	chr2 29532100	-	G	91	chr2:29531914-29532116
## 10069	chr2 29532101	+	A	160	chr2:29531914-29532116
## 10070	chr2 29532101	-	A	91	chr2:29531914-29532116
## 10071	chr2 29532102	+	G	160	chr2:29531914-29532116
## 10072	chr2 29532102	-	G	91	chr2:29531914-29532116
## 10073	chr2 29532103	+	A	160	chr2:29531914-29532116
## 10074	chr2 29532103	-	A	91	chr2:29531914-29532116
## 10075	chr2 29532104	+	A	160	chr2:29531914-29532116
## 10076	chr2 29532104	-	A	91	chr2:29531914-29532116
## 10077	chr2 29532105	+	G	160	chr2:29531914-29532116
## 10078	chr2 29532105	-	G	90	chr2:29531914-29532116
## 10079	chr2 29532106	+	G	160	chr2:29531914-29532116
## 10080	chr2 29532106	-	G	90	chr2:29531914-29532116
## 10081	chr2 29532107	+	A	160	chr2:29531914-29532116
## 10082	chr2 29532107	-	A	90	chr2:29531914-29532116
## 10083	chr2 29532108	+	G	160	chr2:29531914-29532116
## 10084	chr2 29532108	-	G	90	chr2:29531914-29532116
## 10085	chr2 29532109	+	A	158	chr2:29531914-29532116
## 10086	chr2 29532109	-	A	90	chr2:29531914-29532116
## 10087	chr2 29532110	+	A	159	chr2:29531914-29532116
## 10088	chr2 29532110	-	A	90	chr2:29531914-29532116
## 10089	chr2 29532111	+	A	161	chr2:29531914-29532116
## 10090	chr2 29532111	-	A	89	chr2:29531914-29532116
## 10091	chr2 29532112	+	G	161	chr2:29531914-29532116
## 10092	chr2 29532112	-	G	89	chr2:29531914-29532116
## 10093	chr2 29532113	+	G	161	chr2:29531914-29532116
## 10094	chr2 29532113	-	G	89	chr2:29531914-29532116
## 10095	chr2 29532114	+	A	161	chr2:29531914-29532116
## 10096	chr2 29532114	-	A	89	chr2:29531914-29532116
## 10097	chr2 29532115	+	G	161	chr2:29531914-29532116
## 10098	chr2 29532115	-	G	89	chr2:29531914-29532116
## 10099	chr2 29532116	-	A	2	chr2:29531914-29532116
## 10100	chr2 29532116	+	C	162	chr2:29531914-29532116
## 10101	chr2 29532116	-	C	87	chr2:29531914-29532116
## 10102	chr2 29694849	+	C	285	chr2:29694849-29695014
## 10103	chr2 29694850	+	C	282	chr2:29694849-29695014
## 10104	chr2 29694851	+	T	279	chr2:29694849-29695014
## 10105	chr2 29694852	+	C	276	chr2:29694849-29695014
## 10106	chr2 29694853	+	T	276	chr2:29694849-29695014
## 10107	chr2 29694854	+	G	273	chr2:29694849-29695014
## 10108	chr2 29694855	+	G	273	chr2:29694849-29695014
## 10109	chr2 29694856	+	G	272	chr2:29694849-29695014
## 10110	chr2 29694857	+	C	273	chr2:29694849-29695014
## 10111	chr2 29694858	+	A	266	chr2:29694849-29695014
## 10112	chr2 29694859	+	T	266	chr2:29694849-29695014
## 10113	chr2 29694860	+	C	261	chr2:29694849-29695014
## 10114	chr2 29694861	+	T	253	chr2:29694849-29695014
## 10115	chr2 29694862	+	C	251	chr2:29694849-29695014
## 10116	chr2 29694863	+	C	247	chr2:29694849-29695014
## 10117	chr2 29694864	+	T	242	chr2:29694849-29695014
## 10118	chr2 29694865	+	T	242	chr2:29694849-29695014
## 10119	chr2 29694866	+	A	249	chr2:29694849-29695014
## 10120	chr2 29694867	+	G	244	chr2:29694849-29695014

## 10121	chr2 29694868	+	A	242	chr2:29694849-29695014
## 10122	chr2 29694868	+	C	2	chr2:29694849-29695014
## 10123	chr2 29694869	+	A	242	chr2:29694849-29695014
## 10124	chr2 29694869	+	C	4	chr2:29694849-29695014
## 10125	chr2 29694870	+	C	243	chr2:29694849-29695014
## 10126	chr2 29694870	+	G	1	chr2:29694849-29695014
## 10127	chr2 29694871	+	G	235	chr2:29694849-29695014
## 10128	chr2 29694872	+	C	242	chr2:29694849-29695014
## 10129	chr2 29694873	+	T	239	chr2:29694849-29695014
## 10130	chr2 29694874	+	C	247	chr2:29694849-29695014
## 10131	chr2 29694875	+	T	245	chr2:29694849-29695014
## 10132	chr2 29694876	+	G	244	chr2:29694849-29695014
## 10133	chr2 29694877	+	C	238	chr2:29694849-29695014
## 10134	chr2 29694878	+	C	243	chr2:29694849-29695014
## 10135	chr2 29694879	+	C	241	chr2:29694849-29695014
## 10136	chr2 29694880	+	C	239	chr2:29694849-29695014
## 10137	chr2 29694880	-	C	5	chr2:29694849-29695014
## 10138	chr2 29694880	+	T	1	chr2:29694849-29695014
## 10139	chr2 29694881	+	A	238	chr2:29694849-29695014
## 10140	chr2 29694881	-	A	5	chr2:29694849-29695014
## 10141	chr2 29694881	+	C	1	chr2:29694849-29695014
## 10142	chr2 29694882	+	G	242	chr2:29694849-29695014
## 10143	chr2 29694882	-	G	5	chr2:29694849-29695014
## 10144	chr2 29694883	+	G	234	chr2:29694849-29695014
## 10145	chr2 29694883	-	G	5	chr2:29694849-29695014
## 10146	chr2 29694884	+	C	224	chr2:29694849-29695014
## 10147	chr2 29694884	-	C	9	chr2:29694849-29695014
## 10148	chr2 29694885	+	C	239	chr2:29694849-29695014
## 10149	chr2 29694885	-	C	11	chr2:29694849-29695014
## 10150	chr2 29694886	+	C	238	chr2:29694849-29695014
## 10151	chr2 29694886	-	C	11	chr2:29694849-29695014
## 10152	chr2 29694887	+	A	236	chr2:29694849-29695014
## 10153	chr2 29694887	-	A	11	chr2:29694849-29695014
## 10154	chr2 29694888	+	T	236	chr2:29694849-29695014
## 10155	chr2 29694888	-	T	11	chr2:29694849-29695014
## 10156	chr2 29694889	+	C	229	chr2:29694849-29695014
## 10157	chr2 29694889	-	C	11	chr2:29694849-29695014
## 10158	chr2 29694890	+	C	240	chr2:29694849-29695014
## 10159	chr2 29694890	-	C	11	chr2:29694849-29695014
## 10160	chr2 29694891	+	A	240	chr2:29694849-29695014
## 10161	chr2 29694891	-	A	11	chr2:29694849-29695014
## 10162	chr2 29694892	+	G	240	chr2:29694849-29695014
## 10163	chr2 29694892	-	G	11	chr2:29694849-29695014
## 10164	chr2 29694893	+	C	240	chr2:29694849-29695014
## 10165	chr2 29694893	-	C	11	chr2:29694849-29695014
## 10166	chr2 29694894	+	A	240	chr2:29694849-29695014
## 10167	chr2 29694894	-	A	11	chr2:29694849-29695014
## 10168	chr2 29694895	+	A	240	chr2:29694849-29695014
## 10169	chr2 29694895	-	A	11	chr2:29694849-29695014
## 10170	chr2 29694896	+	G	240	chr2:29694849-29695014
## 10171	chr2 29694896	-	G	11	chr2:29694849-29695014
## 10172	chr2 29694897	+	T	240	chr2:29694849-29695014
## 10173	chr2 29694897	-	T	11	chr2:29694849-29695014
## 10174	chr2 29694898	+	C	240	chr2:29694849-29695014

## 10175	chr2 29694898	-	C	11	chr2:29694849-29695014
## 10176	chr2 29694899	+	C	240	chr2:29694849-29695014
## 10177	chr2 29694899	-	C	11	chr2:29694849-29695014
## 10178	chr2 29694900	+	A	240	chr2:29694849-29695014
## 10179	chr2 29694900	-	A	11	chr2:29694849-29695014
## 10180	chr2 29694901	+	T	240	chr2:29694849-29695014
## 10181	chr2 29694901	-	T	11	chr2:29694849-29695014
## 10182	chr2 29694902	+	C	239	chr2:29694849-29695014
## 10183	chr2 29694902	-	C	11	chr2:29694849-29695014
## 10184	chr2 29694903	+	T	239	chr2:29694849-29695014
## 10185	chr2 29694903	-	T	11	chr2:29694849-29695014
## 10186	chr2 29694904	+	G	238	chr2:29694849-29695014
## 10187	chr2 29694904	-	G	12	chr2:29694849-29695014
## 10188	chr2 29694905	+	G	238	chr2:29694849-29695014
## 10189	chr2 29694905	-	G	12	chr2:29694849-29695014
## 10190	chr2 29694906	+	G	238	chr2:29694849-29695014
## 10191	chr2 29694906	-	G	12	chr2:29694849-29695014
## 10192	chr2 29694907	+	A	238	chr2:29694849-29695014
## 10193	chr2 29694907	-	A	12	chr2:29694849-29695014
## 10194	chr2 29694908	+	G	239	chr2:29694849-29695014
## 10195	chr2 29694908	-	G	12	chr2:29694849-29695014
## 10196	chr2 29694909	+	G	239	chr2:29694849-29695014
## 10197	chr2 29694909	-	G	12	chr2:29694849-29695014
## 10198	chr2 29694910	+	C	239	chr2:29694849-29695014
## 10199	chr2 29694910	-	C	12	chr2:29694849-29695014
## 10200	chr2 29694911	+	C	239	chr2:29694849-29695014
## 10201	chr2 29694911	-	C	11	chr2:29694849-29695014
## 10202	chr2 29694911	-	G	1	chr2:29694849-29695014
## 10203	chr2 29694912	+	T	239	chr2:29694849-29695014
## 10204	chr2 29694912	-	T	12	chr2:29694849-29695014
## 10205	chr2 29694913	+	C	239	chr2:29694849-29695014
## 10206	chr2 29694913	-	C	12	chr2:29694849-29695014
## 10207	chr2 29694914	+	C	239	chr2:29694849-29695014
## 10208	chr2 29694914	-	C	12	chr2:29694849-29695014
## 10209	chr2 29694915	+	T	239	chr2:29694849-29695014
## 10210	chr2 29694915	-	T	12	chr2:29694849-29695014
## 10211	chr2 29694916	+	C	238	chr2:29694849-29695014
## 10212	chr2 29694916	-	C	12	chr2:29694849-29695014
## 10213	chr2 29694916	+	T	1	chr2:29694849-29695014
## 10214	chr2 29694917	+	G	239	chr2:29694849-29695014
## 10215	chr2 29694917	-	G	12	chr2:29694849-29695014
## 10216	chr2 29694918	+	G	239	chr2:29694849-29695014
## 10217	chr2 29694918	-	G	12	chr2:29694849-29695014
## 10218	chr2 29694919	+	A	238	chr2:29694849-29695014
## 10219	chr2 29694919	-	A	12	chr2:29694849-29695014
## 10220	chr2 29694919	+	T	1	chr2:29694849-29695014
## 10221	chr2 29694920	+	G	239	chr2:29694849-29695014
## 10222	chr2 29694920	-	G	12	chr2:29694849-29695014
## 10223	chr2 29694921	+	G	239	chr2:29694849-29695014
## 10224	chr2 29694921	-	G	12	chr2:29694849-29695014
## 10225	chr2 29694922	+	A	1	chr2:29694849-29695014
## 10226	chr2 29694922	+	G	238	chr2:29694849-29695014
## 10227	chr2 29694922	-	G	12	chr2:29694849-29695014
## 10228	chr2 29694923	+	G	239	chr2:29694849-29695014

## 10229	chr2 29694923	-	G	12	chr2:29694849-29695014
## 10230	chr2 29694924	+	A	239	chr2:29694849-29695014
## 10231	chr2 29694924	-	A	12	chr2:29694849-29695014
## 10232	chr2 29694925	+	T	239	chr2:29694849-29695014
## 10233	chr2 29694925	-	T	12	chr2:29694849-29695014
## 10234	chr2 29694926	+	G	239	chr2:29694849-29695014
## 10235	chr2 29694926	-	G	12	chr2:29694849-29695014
## 10236	chr2 29694927	+	C	238	chr2:29694849-29695014
## 10237	chr2 29694927	-	C	12	chr2:29694849-29695014
## 10238	chr2 29694927	+	T	1	chr2:29694849-29695014
## 10239	chr2 29694928	+	A	1	chr2:29694849-29695014
## 10240	chr2 29694928	+	G	238	chr2:29694849-29695014
## 10241	chr2 29694928	-	G	12	chr2:29694849-29695014
## 10242	chr2 29694929	+	G	239	chr2:29694849-29695014
## 10243	chr2 29694929	-	G	12	chr2:29694849-29695014
## 10244	chr2 29694930	+	C	239	chr2:29694849-29695014
## 10245	chr2 29694930	-	C	12	chr2:29694849-29695014
## 10246	chr2 29694931	+	G	239	chr2:29694849-29695014
## 10247	chr2 29694931	-	G	12	chr2:29694849-29695014
## 10248	chr2 29694932	+	C	239	chr2:29694849-29695014
## 10249	chr2 29694932	-	C	12	chr2:29694849-29695014
## 10250	chr2 29694933	+	C	239	chr2:29694849-29695014
## 10251	chr2 29694933	-	C	12	chr2:29694849-29695014
## 10252	chr2 29694934	+	A	239	chr2:29694849-29695014
## 10253	chr2 29694934	-	A	12	chr2:29694849-29695014
## 10254	chr2 29694935	+	C	1	chr2:29694849-29695014
## 10255	chr2 29694935	+	G	237	chr2:29694849-29695014
## 10256	chr2 29694935	-	G	12	chr2:29694849-29695014
## 10257	chr2 29694935	+	T	1	chr2:29694849-29695014
## 10258	chr2 29694936	+	G	239	chr2:29694849-29695014
## 10259	chr2 29694936	-	G	12	chr2:29694849-29695014
## 10260	chr2 29694937	+	A	237	chr2:29694849-29695014
## 10261	chr2 29694937	-	A	12	chr2:29694849-29695014
## 10262	chr2 29694937	+	C	1	chr2:29694849-29695014
## 10263	chr2 29694938	+	C	239	chr2:29694849-29695014
## 10264	chr2 29694938	-	C	12	chr2:29694849-29695014
## 10265	chr2 29694939	+	C	234	chr2:29694849-29695014
## 10266	chr2 29694939	-	C	13	chr2:29694849-29695014
## 10267	chr2 29694940	+	A	227	chr2:29694849-29695014
## 10268	chr2 29694940	-	A	13	chr2:29694849-29695014
## 10269	chr2 29694941	+	G	222	chr2:29694849-29695014
## 10270	chr2 29694941	-	G	23	chr2:29694849-29695014
## 10271	chr2 29694942	+	C	226	chr2:29694849-29695014
## 10272	chr2 29694942	-	C	23	chr2:29694849-29695014
## 10273	chr2 29694943	+	T	221	chr2:29694849-29695014
## 10274	chr2 29694943	-	T	23	chr2:29694849-29695014
## 10275	chr2 29694944	+	C	221	chr2:29694849-29695014
## 10276	chr2 29694944	-	C	23	chr2:29694849-29695014
## 10277	chr2 29694945	+	T	217	chr2:29694849-29695014
## 10278	chr2 29694945	-	T	28	chr2:29694849-29695014
## 10279	chr2 29694946	+	G	217	chr2:29694849-29695014
## 10280	chr2 29694946	-	G	28	chr2:29694849-29695014
## 10281	chr2 29694947	+	G	207	chr2:29694849-29695014
## 10282	chr2 29694947	-	G	28	chr2:29694849-29695014

## 10283	chr2 29694948	+	T	208	chr2:29694849-29695014
## 10284	chr2 29694948	-	T	32	chr2:29694849-29695014
## 10285	chr2 29694949	+	T	203	chr2:29694849-29695014
## 10286	chr2 29694949	-	T	38	chr2:29694849-29695014
## 10287	chr2 29694950	+	C	203	chr2:29694849-29695014
## 10288	chr2 29694950	-	C	43	chr2:29694849-29695014
## 10289	chr2 29694951	+	C	203	chr2:29694849-29695014
## 10290	chr2 29694951	-	C	43	chr2:29694849-29695014
## 10291	chr2 29694952	+	T	199	chr2:29694849-29695014
## 10292	chr2 29694952	-	T	43	chr2:29694849-29695014
## 10293	chr2 29694953	+	G	196	chr2:29694849-29695014
## 10294	chr2 29694953	-	G	43	chr2:29694849-29695014
## 10295	chr2 29694954	+	A	192	chr2:29694849-29695014
## 10296	chr2 29694954	-	A	51	chr2:29694849-29695014
## 10297	chr2 29694955	+	G	196	chr2:29694849-29695014
## 10298	chr2 29694955	-	G	46	chr2:29694849-29695014
## 10299	chr2 29694956	+	G	194	chr2:29694849-29695014
## 10300	chr2 29694956	-	G	51	chr2:29694849-29695014
## 10301	chr2 29694957	+	T	192	chr2:29694849-29695014
## 10302	chr2 29694957	-	T	52	chr2:29694849-29695014
## 10303	chr2 29694958	+	C	194	chr2:29694849-29695014
## 10304	chr2 29694958	-	C	52	chr2:29694849-29695014
## 10305	chr2 29694958	+	T	1	chr2:29694849-29695014
## 10306	chr2 29694959	+	A	191	chr2:29694849-29695014
## 10307	chr2 29694959	-	A	48	chr2:29694849-29695014
## 10308	chr2 29694960	+	T	179	chr2:29694849-29695014
## 10309	chr2 29694960	-	T	54	chr2:29694849-29695014
## 10310	chr2 29694961	+	G	189	chr2:29694849-29695014
## 10311	chr2 29694961	-	G	61	chr2:29694849-29695014
## 10312	chr2 29694962	+	C	188	chr2:29694849-29695014
## 10313	chr2 29694962	-	C	61	chr2:29694849-29695014
## 10314	chr2 29694963	+	A	185	chr2:29694849-29695014
## 10315	chr2 29694963	-	A	61	chr2:29694849-29695014
## 10316	chr2 29694963	+	G	1	chr2:29694849-29695014
## 10317	chr2 29694964	+	G	186	chr2:29694849-29695014
## 10318	chr2 29694964	-	G	61	chr2:29694849-29695014
## 10319	chr2 29694965	+	T	180	chr2:29694849-29695014
## 10320	chr2 29694965	-	T	61	chr2:29694849-29695014
## 10321	chr2 29694966	+	G	180	chr2:29694849-29695014
## 10322	chr2 29694966	-	G	70	chr2:29694849-29695014
## 10323	chr2 29694967	+	C	1	chr2:29694849-29695014
## 10324	chr2 29694967	+	G	179	chr2:29694849-29695014
## 10325	chr2 29694967	-	G	70	chr2:29694849-29695014
## 10326	chr2 29694968	+	A	180	chr2:29694849-29695014
## 10327	chr2 29694968	-	A	70	chr2:29694849-29695014
## 10328	chr2 29694969	+	G	179	chr2:29694849-29695014
## 10329	chr2 29694969	-	G	71	chr2:29694849-29695014
## 10330	chr2 29694970	+	G	179	chr2:29694849-29695014
## 10331	chr2 29694970	-	G	71	chr2:29694849-29695014
## 10332	chr2 29694971	+	G	179	chr2:29694849-29695014
## 10333	chr2 29694971	-	G	71	chr2:29694849-29695014
## 10334	chr2 29694972	+	G	179	chr2:29694849-29695014
## 10335	chr2 29694972	-	G	71	chr2:29694849-29695014
## 10336	chr2 29694973	+	A	179	chr2:29694849-29695014

## 10337	chr2 29694973	-	A	71	chr2:29694849-29695014
## 10338	chr2 29694974	+	A	178	chr2:29694849-29695014
## 10339	chr2 29694974	-	A	71	chr2:29694849-29695014
## 10340	chr2 29694975	+	T	180	chr2:29694849-29695014
## 10341	chr2 29694975	-	T	71	chr2:29694849-29695014
## 10342	chr2 29694976	+	A	180	chr2:29694849-29695014
## 10343	chr2 29694976	-	A	71	chr2:29694849-29695014
## 10344	chr2 29694977	+	C	180	chr2:29694849-29695014
## 10345	chr2 29694977	-	C	71	chr2:29694849-29695014
## 10346	chr2 29694978	+	A	1	chr2:29694849-29695014
## 10347	chr2 29694978	+	T	179	chr2:29694849-29695014
## 10348	chr2 29694978	-	T	71	chr2:29694849-29695014
## 10349	chr2 29694979	+	C	180	chr2:29694849-29695014
## 10350	chr2 29694979	-	C	71	chr2:29694849-29695014
## 10351	chr2 29694980	+	C	177	chr2:29694849-29695014
## 10352	chr2 29694980	-	C	72	chr2:29694849-29695014
## 10353	chr2 29694980	+	T	2	chr2:29694849-29695014
## 10354	chr2 29694981	+	A	179	chr2:29694849-29695014
## 10355	chr2 29694981	-	A	72	chr2:29694849-29695014
## 10356	chr2 29694982	+	G	179	chr2:29694849-29695014
## 10357	chr2 29694982	-	G	72	chr2:29694849-29695014
## 10358	chr2 29694983	+	C	179	chr2:29694849-29695014
## 10359	chr2 29694983	-	C	72	chr2:29694849-29695014
## 10360	chr2 29694984	+	T	179	chr2:29694849-29695014
## 10361	chr2 29694984	-	T	72	chr2:29694849-29695014
## 10362	chr2 29694985	+	C	179	chr2:29694849-29695014
## 10363	chr2 29694985	-	C	72	chr2:29694849-29695014
## 10364	chr2 29694986	+	A	179	chr2:29694849-29695014
## 10365	chr2 29694986	-	A	72	chr2:29694849-29695014
## 10366	chr2 29694987	+	C	179	chr2:29694849-29695014
## 10367	chr2 29694987	-	C	72	chr2:29694849-29695014
## 10368	chr2 29694988	+	A	179	chr2:29694849-29695014
## 10369	chr2 29694988	-	A	72	chr2:29694849-29695014
## 10370	chr2 29694989	+	G	178	chr2:29694849-29695014
## 10371	chr2 29694989	-	G	72	chr2:29694849-29695014
## 10372	chr2 29694989	+	T	1	chr2:29694849-29695014
## 10373	chr2 29694990	+	G	179	chr2:29694849-29695014
## 10374	chr2 29694990	-	G	72	chr2:29694849-29695014
## 10375	chr2 29694991	+	G	179	chr2:29694849-29695014
## 10376	chr2 29694991	-	G	72	chr2:29694849-29695014
## 10377	chr2 29694992	+	G	179	chr2:29694849-29695014
## 10378	chr2 29694992	-	G	72	chr2:29694849-29695014
## 10379	chr2 29694993	+	A	178	chr2:29694849-29695014
## 10380	chr2 29694993	-	A	73	chr2:29694849-29695014
## 10381	chr2 29694994	+	A	177	chr2:29694849-29695014
## 10382	chr2 29694994	-	A	74	chr2:29694849-29695014
## 10383	chr2 29694995	+	G	176	chr2:29694849-29695014
## 10384	chr2 29694995	-	G	75	chr2:29694849-29695014
## 10385	chr2 29694996	+	T	176	chr2:29694849-29695014
## 10386	chr2 29694996	-	T	75	chr2:29694849-29695014
## 10387	chr2 29694997	+	C	176	chr2:29694849-29695014
## 10388	chr2 29694997	-	C	74	chr2:29694849-29695014
## 10389	chr2 29694998	+	A	175	chr2:29694849-29695014
## 10390	chr2 29694998	-	A	75	chr2:29694849-29695014

## 10391	chr2 29694999	+	A	172	chr2:29694849-29695014
## 10392	chr2 29694999	-	A	76	chr2:29694849-29695014
## 10393	chr2 29695000	+	A	171	chr2:29694849-29695014
## 10394	chr2 29695000	-	A	79	chr2:29694849-29695014
## 10395	chr2 29695001	+	G	170	chr2:29694849-29695014
## 10396	chr2 29695001	-	G	80	chr2:29694849-29695014
## 10397	chr2 29695002	+	C	170	chr2:29694849-29695014
## 10398	chr2 29695002	-	C	80	chr2:29694849-29695014
## 10399	chr2 29695003	+	T	169	chr2:29694849-29695014
## 10400	chr2 29695003	-	T	81	chr2:29694849-29695014
## 10401	chr2 29695004	+	G	168	chr2:29694849-29695014
## 10402	chr2 29695004	-	G	82	chr2:29694849-29695014
## 10403	chr2 29695005	+	C	167	chr2:29694849-29695014
## 10404	chr2 29695005	-	C	83	chr2:29694849-29695014
## 10405	chr2 29695006	+	A	165	chr2:29694849-29695014
## 10406	chr2 29695006	-	A	84	chr2:29694849-29695014
## 10407	chr2 29695007	+	C	166	chr2:29694849-29695014
## 10408	chr2 29695007	-	C	85	chr2:29694849-29695014
## 10409	chr2 29695008	+	T	165	chr2:29694849-29695014
## 10410	chr2 29695008	-	T	86	chr2:29694849-29695014
## 10411	chr2 29695009	+	C	165	chr2:29694849-29695014
## 10412	chr2 29695009	-	C	86	chr2:29694849-29695014
## 10413	chr2 29695010	+	C	165	chr2:29694849-29695014
## 10414	chr2 29695010	-	C	86	chr2:29694849-29695014
## 10415	chr2 29695011	+	A	164	chr2:29694849-29695014
## 10416	chr2 29695011	-	A	87	chr2:29694849-29695014
## 10417	chr2 29695012	+	G	163	chr2:29694849-29695014
## 10418	chr2 29695012	-	G	88	chr2:29694849-29695014
## 10419	chr2 29695013	+	A	161	chr2:29694849-29695014
## 10420	chr2 29695013	-	A	88	chr2:29694849-29695014
## 10421	chr2 29695013	+	C	1	chr2:29694849-29695014
## 10422	chr2 29695013	+	G	1	chr2:29694849-29695014
## 10423	chr2 29695014	+	C	163	chr2:29694849-29695014
## 10424	chr2 29695014	-	C	87	chr2:29694849-29695014
## 10425	chr2 29717577	+	C	266	chr2:29717577-29717697
## 10426	chr2 29717577	-	C	36	chr2:29717577-29717697
## 10427	chr2 29717578	+	C	263	chr2:29717577-29717697
## 10428	chr2 29717578	-	C	36	chr2:29717577-29717697
## 10429	chr2 29717579	+	A	262	chr2:29717577-29717697
## 10430	chr2 29717579	-	A	36	chr2:29717577-29717697
## 10431	chr2 29717580	+	T	256	chr2:29717577-29717697
## 10432	chr2 29717580	-	T	36	chr2:29717577-29717697
## 10433	chr2 29717581	+	A	250	chr2:29717577-29717697
## 10434	chr2 29717581	-	A	35	chr2:29717577-29717697
## 10435	chr2 29717582	+	T	250	chr2:29717577-29717697
## 10436	chr2 29717582	-	T	35	chr2:29717577-29717697
## 10437	chr2 29717583	+	C	242	chr2:29717577-29717697
## 10438	chr2 29717583	-	C	28	chr2:29717577-29717697
## 10439	chr2 29717584	+	G	238	chr2:29717577-29717697
## 10440	chr2 29717584	-	G	28	chr2:29717577-29717697
## 10441	chr2 29717585	+	G	235	chr2:29717577-29717697
## 10442	chr2 29717585	-	G	28	chr2:29717577-29717697
## 10443	chr2 29717586	+	A	1	chr2:29717577-29717697
## 10444	chr2 29717586	+	C	229	chr2:29717577-29717697

## 10445	chr2 29717586	-	C	27	chr2:29717577-29717697
## 10446	chr2 29717587	+	T	225	chr2:29717577-29717697
## 10447	chr2 29717587	-	T	24	chr2:29717577-29717697
## 10448	chr2 29717588	+	G	219	chr2:29717577-29717697
## 10449	chr2 29717588	-	G	23	chr2:29717577-29717697
## 10450	chr2 29717589	+	C	217	chr2:29717577-29717697
## 10451	chr2 29717589	-	C	18	chr2:29717577-29717697
## 10452	chr2 29717590	+	G	221	chr2:29717577-29717697
## 10453	chr2 29717590	-	G	21	chr2:29717577-29717697
## 10454	chr2 29717591	+	A	209	chr2:29717577-29717697
## 10455	chr2 29717591	-	A	14	chr2:29717577-29717697
## 10456	chr2 29717592	+	A	1	chr2:29717577-29717697
## 10457	chr2 29717592	+	T	212	chr2:29717577-29717697
## 10458	chr2 29717592	-	T	10	chr2:29717577-29717697
## 10459	chr2 29717593	+	G	222	chr2:29717577-29717697
## 10460	chr2 29717593	-	G	15	chr2:29717577-29717697
## 10461	chr2 29717594	+	A	207	chr2:29717577-29717697
## 10462	chr2 29717594	-	A	19	chr2:29717577-29717697
## 10463	chr2 29717595	+	G	201	chr2:29717577-29717697
## 10464	chr2 29717595	-	G	27	chr2:29717577-29717697
## 10465	chr2 29717595	+	T	2	chr2:29717577-29717697
## 10466	chr2 29717596	+	A	207	chr2:29717577-29717697
## 10467	chr2 29717596	-	A	29	chr2:29717577-29717697
## 10468	chr2 29717597	+	C	213	chr2:29717577-29717697
## 10469	chr2 29717597	-	C	30	chr2:29717577-29717697
## 10470	chr2 29717598	+	A	212	chr2:29717577-29717697
## 10471	chr2 29717598	-	A	30	chr2:29717577-29717697
## 10472	chr2 29717599	+	G	207	chr2:29717577-29717697
## 10473	chr2 29717599	-	G	30	chr2:29717577-29717697
## 10474	chr2 29717600	+	G	202	chr2:29717577-29717697
## 10475	chr2 29717600	-	G	34	chr2:29717577-29717697
## 10476	chr2 29717601	+	A	216	chr2:29717577-29717697
## 10477	chr2 29717601	-	A	33	chr2:29717577-29717697
## 10478	chr2 29717601	-	T	1	chr2:29717577-29717697
## 10479	chr2 29717602	+	A	215	chr2:29717577-29717697
## 10480	chr2 29717602	-	A	34	chr2:29717577-29717697
## 10481	chr2 29717602	+	G	1	chr2:29717577-29717697
## 10482	chr2 29717603	+	A	216	chr2:29717577-29717697
## 10483	chr2 29717603	-	A	34	chr2:29717577-29717697
## 10484	chr2 29717604	+	G	216	chr2:29717577-29717697
## 10485	chr2 29717604	-	G	34	chr2:29717577-29717697
## 10486	chr2 29717605	+	G	216	chr2:29717577-29717697
## 10487	chr2 29717605	-	G	34	chr2:29717577-29717697
## 10488	chr2 29717606	+	G	216	chr2:29717577-29717697
## 10489	chr2 29717606	-	G	34	chr2:29717577-29717697
## 10490	chr2 29717607	+	A	215	chr2:29717577-29717697
## 10491	chr2 29717607	-	A	34	chr2:29717577-29717697
## 10492	chr2 29717608	+	A	217	chr2:29717577-29717697
## 10493	chr2 29717608	-	A	34	chr2:29717577-29717697
## 10494	chr2 29717609	+	C	1	chr2:29717577-29717697
## 10495	chr2 29717609	+	G	216	chr2:29717577-29717697
## 10496	chr2 29717609	-	G	34	chr2:29717577-29717697
## 10497	chr2 29717610	+	G	217	chr2:29717577-29717697
## 10498	chr2 29717610	-	G	34	chr2:29717577-29717697

## 10499	chr2 29717611	+	A	217	chr2:29717577-29717697
## 10500	chr2 29717611	-	A	34	chr2:29717577-29717697
## 10501	chr2 29717612	+	G	217	chr2:29717577-29717697
## 10502	chr2 29717612	-	G	34	chr2:29717577-29717697
## 10503	chr2 29717613	+	T	217	chr2:29717577-29717697
## 10504	chr2 29717613	-	T	34	chr2:29717577-29717697
## 10505	chr2 29717614	+	C	217	chr2:29717577-29717697
## 10506	chr2 29717614	-	C	34	chr2:29717577-29717697
## 10507	chr2 29717615	-	C	1	chr2:29717577-29717697
## 10508	chr2 29717615	+	T	217	chr2:29717577-29717697
## 10509	chr2 29717615	-	T	33	chr2:29717577-29717697
## 10510	chr2 29717616	+	C	1	chr2:29717577-29717697
## 10511	chr2 29717616	+	T	216	chr2:29717577-29717697
## 10512	chr2 29717616	-	T	34	chr2:29717577-29717697
## 10513	chr2 29717617	+	T	217	chr2:29717577-29717697
## 10514	chr2 29717617	-	T	34	chr2:29717577-29717697
## 10515	chr2 29717618	+	C	216	chr2:29717577-29717697
## 10516	chr2 29717618	-	C	34	chr2:29717577-29717697
## 10517	chr2 29717618	+	T	1	chr2:29717577-29717697
## 10518	chr2 29717619	+	A	217	chr2:29717577-29717697
## 10519	chr2 29717619	-	A	34	chr2:29717577-29717697
## 10520	chr2 29717620	+	T	217	chr2:29717577-29717697
## 10521	chr2 29717620	-	T	34	chr2:29717577-29717697
## 10522	chr2 29717621	+	T	217	chr2:29717577-29717697
## 10523	chr2 29717621	-	T	34	chr2:29717577-29717697
## 10524	chr2 29717622	+	A	217	chr2:29717577-29717697
## 10525	chr2 29717622	-	A	34	chr2:29717577-29717697
## 10526	chr2 29717623	+	T	216	chr2:29717577-29717697
## 10527	chr2 29717623	-	T	35	chr2:29717577-29717697
## 10528	chr2 29717624	+	C	215	chr2:29717577-29717697
## 10529	chr2 29717624	-	C	36	chr2:29717577-29717697
## 10530	chr2 29717625	+	C	215	chr2:29717577-29717697
## 10531	chr2 29717625	-	C	36	chr2:29717577-29717697
## 10532	chr2 29717626	+	A	215	chr2:29717577-29717697
## 10533	chr2 29717626	-	A	36	chr2:29717577-29717697
## 10534	chr2 29717627	+	A	1	chr2:29717577-29717697
## 10535	chr2 29717627	+	G	214	chr2:29717577-29717697
## 10536	chr2 29717627	-	G	36	chr2:29717577-29717697
## 10537	chr2 29717628	+	G	215	chr2:29717577-29717697
## 10538	chr2 29717628	-	G	36	chr2:29717577-29717697
## 10539	chr2 29717629	+	T	215	chr2:29717577-29717697
## 10540	chr2 29717629	-	T	36	chr2:29717577-29717697
## 10541	chr2 29717630	+	G	214	chr2:29717577-29717697
## 10542	chr2 29717630	-	G	37	chr2:29717577-29717697
## 10543	chr2 29717631	+	A	214	chr2:29717577-29717697
## 10544	chr2 29717631	-	A	37	chr2:29717577-29717697
## 10545	chr2 29717632	+	G	213	chr2:29717577-29717697
## 10546	chr2 29717632	-	G	37	chr2:29717577-29717697
## 10547	chr2 29717632	-	T	1	chr2:29717577-29717697
## 10548	chr2 29717633	+	A	213	chr2:29717577-29717697
## 10549	chr2 29717633	-	A	38	chr2:29717577-29717697
## 10550	chr2 29717634	+	T	213	chr2:29717577-29717697
## 10551	chr2 29717634	-	T	38	chr2:29717577-29717697
## 10552	chr2 29717635	+	T	213	chr2:29717577-29717697

## 10553	chr2 29717635	-	T	38	chr2:29717577-29717697
## 10554	chr2 29717636	+	C	213	chr2:29717577-29717697
## 10555	chr2 29717636	-	C	38	chr2:29717577-29717697
## 10556	chr2 29717637	+	C	213	chr2:29717577-29717697
## 10557	chr2 29717637	-	C	36	chr2:29717577-29717697
## 10558	chr2 29717637	-	G	2	chr2:29717577-29717697
## 10559	chr2 29717638	+	A	213	chr2:29717577-29717697
## 10560	chr2 29717638	-	A	38	chr2:29717577-29717697
## 10561	chr2 29717639	+	T	214	chr2:29717577-29717697
## 10562	chr2 29717639	-	T	37	chr2:29717577-29717697
## 10563	chr2 29717640	+	G	213	chr2:29717577-29717697
## 10564	chr2 29717640	-	G	37	chr2:29717577-29717697
## 10565	chr2 29717641	+	T	212	chr2:29717577-29717697
## 10566	chr2 29717641	-	T	38	chr2:29717577-29717697
## 10567	chr2 29717642	+	A	212	chr2:29717577-29717697
## 10568	chr2 29717642	-	A	38	chr2:29717577-29717697
## 10569	chr2 29717643	+	A	211	chr2:29717577-29717697
## 10570	chr2 29717643	-	A	38	chr2:29717577-29717697
## 10571	chr2 29717644	+	A	213	chr2:29717577-29717697
## 10572	chr2 29717644	-	A	38	chr2:29717577-29717697
## 10573	chr2 29717645	+	A	212	chr2:29717577-29717697
## 10574	chr2 29717645	-	A	38	chr2:29717577-29717697
## 10575	chr2 29717646	+	T	212	chr2:29717577-29717697
## 10576	chr2 29717646	-	T	38	chr2:29717577-29717697
## 10577	chr2 29717647	+	A	210	chr2:29717577-29717697
## 10578	chr2 29717647	-	A	38	chr2:29717577-29717697
## 10579	chr2 29717647	+	G	1	chr2:29717577-29717697
## 10580	chr2 29717648	+	A	212	chr2:29717577-29717697
## 10581	chr2 29717648	-	A	38	chr2:29717577-29717697
## 10582	chr2 29717649	+	T	212	chr2:29717577-29717697
## 10583	chr2 29717649	-	T	38	chr2:29717577-29717697
## 10584	chr2 29717650	+	C	212	chr2:29717577-29717697
## 10585	chr2 29717650	-	C	38	chr2:29717577-29717697
## 10586	chr2 29717651	+	A	212	chr2:29717577-29717697
## 10587	chr2 29717651	-	A	38	chr2:29717577-29717697
## 10588	chr2 29717652	+	C	1	chr2:29717577-29717697
## 10589	chr2 29717652	+	G	211	chr2:29717577-29717697
## 10590	chr2 29717652	-	G	38	chr2:29717577-29717697
## 10591	chr2 29717653	+	G	211	chr2:29717577-29717697
## 10592	chr2 29717653	-	G	38	chr2:29717577-29717697
## 10593	chr2 29717654	+	A	212	chr2:29717577-29717697
## 10594	chr2 29717654	-	A	38	chr2:29717577-29717697
## 10595	chr2 29717655	+	G	212	chr2:29717577-29717697
## 10596	chr2 29717655	-	G	38	chr2:29717577-29717697
## 10597	chr2 29717656	+	A	212	chr2:29717577-29717697
## 10598	chr2 29717656	-	A	38	chr2:29717577-29717697
## 10599	chr2 29717657	+	A	212	chr2:29717577-29717697
## 10600	chr2 29717657	-	A	38	chr2:29717577-29717697
## 10601	chr2 29717658	+	G	212	chr2:29717577-29717697
## 10602	chr2 29717658	-	G	38	chr2:29717577-29717697
## 10603	chr2 29717659	+	G	212	chr2:29717577-29717697
## 10604	chr2 29717659	-	G	39	chr2:29717577-29717697
## 10605	chr2 29717660	+	A	212	chr2:29717577-29717697
## 10606	chr2 29717660	-	A	39	chr2:29717577-29717697

## 10607	chr2 29717661	+	G	211	chr2:29717577-29717697
## 10608	chr2 29717661	-	G	39	chr2:29717577-29717697
## 10609	chr2 29717662	+	A	211	chr2:29717577-29717697
## 10610	chr2 29717662	-	A	39	chr2:29717577-29717697
## 10611	chr2 29717663	+	A	95	chr2:29717577-29717697
## 10612	chr2 29717663	-	A	11	chr2:29717577-29717697
## 10613	chr2 29717663	+	T	115	chr2:29717577-29717697
## 10614	chr2 29717663	-	T	27	chr2:29717577-29717697
## 10615	chr2 29717664	+	G	204	chr2:29717577-29717697
## 10616	chr2 29717664	-	G	38	chr2:29717577-29717697
## 10617	chr2 29717665	+	G	199	chr2:29717577-29717697
## 10618	chr2 29717665	-	G	37	chr2:29717577-29717697
## 10619	chr2 29717666	+	C	205	chr2:29717577-29717697
## 10620	chr2 29717666	-	C	39	chr2:29717577-29717697
## 10621	chr2 29717667	+	A	195	chr2:29717577-29717697
## 10622	chr2 29717667	-	A	36	chr2:29717577-29717697
## 10623	chr2 29717668	+	T	187	chr2:29717577-29717697
## 10624	chr2 29717668	-	T	40	chr2:29717577-29717697
## 10625	chr2 29717669	+	G	181	chr2:29717577-29717697
## 10626	chr2 29717669	-	G	48	chr2:29717577-29717697
## 10627	chr2 29717670	+	T	174	chr2:29717577-29717697
## 10628	chr2 29717670	-	T	54	chr2:29717577-29717697
## 10629	chr2 29717671	+	T	168	chr2:29717577-29717697
## 10630	chr2 29717671	-	T	63	chr2:29717577-29717697
## 10631	chr2 29717672	+	T	160	chr2:29717577-29717697
## 10632	chr2 29717672	-	T	76	chr2:29717577-29717697
## 10633	chr2 29717673	+	G	161	chr2:29717577-29717697
## 10634	chr2 29717673	-	G	82	chr2:29717577-29717697
## 10635	chr2 29717674	+	T	153	chr2:29717577-29717697
## 10636	chr2 29717674	-	T	90	chr2:29717577-29717697
## 10637	chr2 29717675	+	T	144	chr2:29717577-29717697
## 10638	chr2 29717675	-	T	95	chr2:29717577-29717697
## 10639	chr2 29717676	+	G	125	chr2:29717577-29717697
## 10640	chr2 29717676	-	G	107	chr2:29717577-29717697
## 10641	chr2 29717676	+	T	3	chr2:29717577-29717697
## 10642	chr2 29717677	+	A	1	chr2:29717577-29717697
## 10643	chr2 29717677	+	G	132	chr2:29717577-29717697
## 10644	chr2 29717677	-	G	114	chr2:29717577-29717697
## 10645	chr2 29717678	+	T	134	chr2:29717577-29717697
## 10646	chr2 29717678	-	T	116	chr2:29717577-29717697
## 10647	chr2 29717679	+	G	134	chr2:29717577-29717697
## 10648	chr2 29717679	-	G	115	chr2:29717577-29717697
## 10649	chr2 29717680	+	A	133	chr2:29717577-29717697
## 10650	chr2 29717680	-	A	116	chr2:29717577-29717697
## 10651	chr2 29717681	+	T	134	chr2:29717577-29717697
## 10652	chr2 29717681	-	T	116	chr2:29717577-29717697
## 10653	chr2 29717682	+	T	134	chr2:29717577-29717697
## 10654	chr2 29717682	-	T	116	chr2:29717577-29717697
## 10655	chr2 29717683	+	C	133	chr2:29717577-29717697
## 10656	chr2 29717683	-	C	116	chr2:29717577-29717697
## 10657	chr2 29717684	+	C	132	chr2:29717577-29717697
## 10658	chr2 29717684	-	C	117	chr2:29717577-29717697
## 10659	chr2 29717685	+	A	133	chr2:29717577-29717697
## 10660	chr2 29717685	-	A	117	chr2:29717577-29717697

## 10661	chr2 29717686	+	A	132	chr2:29717577-29717697
## 10662	chr2 29717686	-	A	118	chr2:29717577-29717697
## 10663	chr2 29717687	+	G	131	chr2:29717577-29717697
## 10664	chr2 29717687	-	G	119	chr2:29717577-29717697
## 10665	chr2 29717688	+	G	131	chr2:29717577-29717697
## 10666	chr2 29717688	-	G	119	chr2:29717577-29717697
## 10667	chr2 29717689	+	A	131	chr2:29717577-29717697
## 10668	chr2 29717689	-	A	119	chr2:29717577-29717697
## 10669	chr2 29717690	+	G	132	chr2:29717577-29717697
## 10670	chr2 29717690	-	G	119	chr2:29717577-29717697
## 10671	chr2 29717691	+	C	131	chr2:29717577-29717697
## 10672	chr2 29717691	-	C	120	chr2:29717577-29717697
## 10673	chr2 29717692	+	T	130	chr2:29717577-29717697
## 10674	chr2 29717692	-	T	120	chr2:29717577-29717697
## 10675	chr2 29717693	+	A	130	chr2:29717577-29717697
## 10676	chr2 29717693	-	A	120	chr2:29717577-29717697
## 10677	chr2 29717694	+	T	130	chr2:29717577-29717697
## 10678	chr2 29717694	-	T	120	chr2:29717577-29717697
## 10679	chr2 29717695	+	G	130	chr2:29717577-29717697
## 10680	chr2 29717695	-	G	120	chr2:29717577-29717697
## 10681	chr2 29717696	+	A	130	chr2:29717577-29717697
## 10682	chr2 29717696	-	A	120	chr2:29717577-29717697
## 10683	chr2 29717697	+	C	130	chr2:29717577-29717697
## 10684	chr2 29717697	-	C	120	chr2:29717577-29717697
## 10685	chr2 29919992	+	C	289	chr2:29919992-29921589
## 10686	chr2 29919992	-	C	31	chr2:29919992-29921589
## 10687	chr2 29919993	+	C	255	chr2:29919992-29921589
## 10688	chr2 29919993	-	C	18	chr2:29919992-29921589
## 10689	chr2 29919994	+	A	210	chr2:29919992-29921589
## 10690	chr2 29919994	-	A	18	chr2:29919992-29921589
## 10691	chr2 29919995	+	G	181	chr2:29919992-29921589
## 10692	chr2 29919995	-	G	11	chr2:29919992-29921589
## 10693	chr2 29919996	+	T	148	chr2:29919992-29921589
## 10694	chr2 29919996	-	T	29	chr2:29919992-29921589
## 10695	chr2 29919997	+	C	142	chr2:29919992-29921589
## 10696	chr2 29919997	-	C	78	chr2:29919992-29921589
## 10697	chr2 29919998	+	C	162	chr2:29919992-29921589
## 10698	chr2 29919998	-	C	85	chr2:29919992-29921589
## 10699	chr2 29919999	+	C	165	chr2:29919992-29921589
## 10700	chr2 29919999	-	C	85	chr2:29919992-29921589
## 10701	chr2 29920000	+	G	165	chr2:29919992-29921589
## 10702	chr2 29920000	-	G	85	chr2:29919992-29921589
## 10703	chr2 29920001	+	A	165	chr2:29919992-29921589
## 10704	chr2 29920001	-	A	85	chr2:29919992-29921589
## 10705	chr2 29920002	+	A	165	chr2:29919992-29921589
## 10706	chr2 29920002	-	A	85	chr2:29919992-29921589
## 10707	chr2 29920003	+	G	165	chr2:29919992-29921589
## 10708	chr2 29920003	-	G	85	chr2:29919992-29921589
## 10709	chr2 29920004	+	A	165	chr2:29919992-29921589
## 10710	chr2 29920004	-	A	85	chr2:29919992-29921589
## 10711	chr2 29920005	+	T	165	chr2:29919992-29921589
## 10712	chr2 29920005	-	T	85	chr2:29919992-29921589
## 10713	chr2 29920006	+	C	165	chr2:29919992-29921589
## 10714	chr2 29920006	-	C	85	chr2:29919992-29921589

## 10715	chr2 29920007	+	T	165	chr2:29919992-29921589
## 10716	chr2 29920007	-	T	85	chr2:29919992-29921589
## 10717	chr2 29920008	+	G	165	chr2:29919992-29921589
## 10718	chr2 29920008	-	G	85	chr2:29919992-29921589
## 10719	chr2 29920009	+	G	165	chr2:29919992-29921589
## 10720	chr2 29920009	-	G	85	chr2:29919992-29921589
## 10721	chr2 29920010	+	A	165	chr2:29919992-29921589
## 10722	chr2 29920010	-	A	85	chr2:29919992-29921589
## 10723	chr2 29920011	+	A	165	chr2:29919992-29921589
## 10724	chr2 29920011	-	A	85	chr2:29919992-29921589
## 10725	chr2 29920012	+	G	165	chr2:29919992-29921589
## 10726	chr2 29920012	-	G	85	chr2:29919992-29921589
## 10727	chr2 29920013	+	A	165	chr2:29919992-29921589
## 10728	chr2 29920013	-	A	85	chr2:29919992-29921589
## 10729	chr2 29920014	+	A	1	chr2:29919992-29921589
## 10730	chr2 29920014	+	G	164	chr2:29919992-29921589
## 10731	chr2 29920014	-	G	85	chr2:29919992-29921589
## 10732	chr2 29920015	+	A	165	chr2:29919992-29921589
## 10733	chr2 29920015	-	A	85	chr2:29919992-29921589
## 10734	chr2 29920016	+	A	165	chr2:29919992-29921589
## 10735	chr2 29920016	-	A	85	chr2:29919992-29921589
## 10736	chr2 29920017	+	G	165	chr2:29919992-29921589
## 10737	chr2 29920017	-	G	85	chr2:29919992-29921589
## 10738	chr2 29920018	+	G	165	chr2:29919992-29921589
## 10739	chr2 29920018	-	G	85	chr2:29919992-29921589
## 10740	chr2 29920019	+	A	1	chr2:29919992-29921589
## 10741	chr2 29920019	+	C	164	chr2:29919992-29921589
## 10742	chr2 29920019	-	C	85	chr2:29919992-29921589
## 10743	chr2 29920020	+	G	165	chr2:29919992-29921589
## 10744	chr2 29920020	-	G	85	chr2:29919992-29921589
## 10745	chr2 29920021	+	G	165	chr2:29919992-29921589
## 10746	chr2 29920021	-	G	85	chr2:29919992-29921589
## 10747	chr2 29920022	+	G	165	chr2:29919992-29921589
## 10748	chr2 29920022	-	G	85	chr2:29919992-29921589
## 10749	chr2 29920023	+	G	165	chr2:29919992-29921589
## 10750	chr2 29920023	-	G	85	chr2:29919992-29921589
## 10751	chr2 29920024	+	C	166	chr2:29919992-29921589
## 10752	chr2 29920024	-	C	85	chr2:29919992-29921589
## 10753	chr2 29920025	-	G	1	chr2:29919992-29921589
## 10754	chr2 29920025	+	T	165	chr2:29919992-29921589
## 10755	chr2 29920025	-	T	84	chr2:29919992-29921589
## 10756	chr2 29920026	+	G	166	chr2:29919992-29921589
## 10757	chr2 29920026	-	G	85	chr2:29919992-29921589
## 10758	chr2 29920027	+	A	1	chr2:29919992-29921589
## 10759	chr2 29920027	+	G	165	chr2:29919992-29921589
## 10760	chr2 29920027	-	G	85	chr2:29919992-29921589
## 10761	chr2 29920028	+	G	166	chr2:29919992-29921589
## 10762	chr2 29920028	-	G	85	chr2:29919992-29921589
## 10763	chr2 29920029	+	A	166	chr2:29919992-29921589
## 10764	chr2 29920029	-	A	85	chr2:29919992-29921589
## 10765	chr2 29920030	+	G	166	chr2:29919992-29921589
## 10766	chr2 29920030	-	G	85	chr2:29919992-29921589
## 10767	chr2 29920031	+	G	166	chr2:29919992-29921589
## 10768	chr2 29920031	-	G	85	chr2:29919992-29921589

## 10769	chr2 29920032	+	C	166	chr2:29919992-29921589
## 10770	chr2 29920032	-	C	85	chr2:29919992-29921589
## 10771	chr2 29920033	+	G	166	chr2:29919992-29921589
## 10772	chr2 29920033	-	G	85	chr2:29919992-29921589
## 10773	chr2 29920034	+	C	166	chr2:29919992-29921589
## 10774	chr2 29920034	-	C	85	chr2:29919992-29921589
## 10775	chr2 29920035	+	G	166	chr2:29919992-29921589
## 10776	chr2 29920035	-	G	85	chr2:29919992-29921589
## 10777	chr2 29920036	+	A	166	chr2:29919992-29921589
## 10778	chr2 29920036	-	A	85	chr2:29919992-29921589
## 10779	chr2 29920037	+	A	166	chr2:29919992-29921589
## 10780	chr2 29920037	-	A	85	chr2:29919992-29921589
## 10781	chr2 29920038	+	T	166	chr2:29919992-29921589
## 10782	chr2 29920038	-	T	85	chr2:29919992-29921589
## 10783	chr2 29920039	+	T	166	chr2:29919992-29921589
## 10784	chr2 29920039	-	T	85	chr2:29919992-29921589
## 10785	chr2 29920040	+	G	167	chr2:29919992-29921589
## 10786	chr2 29920040	-	G	85	chr2:29919992-29921589
## 10787	chr2 29920041	+	C	166	chr2:29919992-29921589
## 10788	chr2 29920041	-	C	85	chr2:29919992-29921589
## 10789	chr2 29920041	+	T	1	chr2:29919992-29921589
## 10790	chr2 29920042	+	C	167	chr2:29919992-29921589
## 10791	chr2 29920042	-	C	84	chr2:29919992-29921589
## 10792	chr2 29920043	+	G	167	chr2:29919992-29921589
## 10793	chr2 29920043	-	G	84	chr2:29919992-29921589
## 10794	chr2 29920044	+	C	167	chr2:29919992-29921589
## 10795	chr2 29920044	-	C	84	chr2:29919992-29921589
## 10796	chr2 29920045	+	G	167	chr2:29919992-29921589
## 10797	chr2 29920045	-	G	84	chr2:29919992-29921589
## 10798	chr2 29920046	+	G	167	chr2:29919992-29921589
## 10799	chr2 29920046	-	G	84	chr2:29919992-29921589
## 10800	chr2 29920047	+	A	167	chr2:29919992-29921589
## 10801	chr2 29920047	-	A	84	chr2:29919992-29921589
## 10802	chr2 29920048	+	C	167	chr2:29919992-29921589
## 10803	chr2 29920048	-	C	84	chr2:29919992-29921589
## 10804	chr2 29920049	+	A	167	chr2:29919992-29921589
## 10805	chr2 29920049	-	A	84	chr2:29919992-29921589
## 10806	chr2 29920050	+	G	167	chr2:29919992-29921589
## 10807	chr2 29920050	-	G	84	chr2:29919992-29921589
## 10808	chr2 29920051	+	C	167	chr2:29919992-29921589
## 10809	chr2 29920051	-	C	84	chr2:29919992-29921589
## 10810	chr2 29920052	+	C	167	chr2:29919992-29921589
## 10811	chr2 29920052	-	C	84	chr2:29919992-29921589
## 10812	chr2 29920053	+	T	167	chr2:29919992-29921589
## 10813	chr2 29920053	-	T	84	chr2:29919992-29921589
## 10814	chr2 29920054	+	T	167	chr2:29919992-29921589
## 10815	chr2 29920054	-	T	84	chr2:29919992-29921589
## 10816	chr2 29920055	+	C	167	chr2:29919992-29921589
## 10817	chr2 29920055	-	C	84	chr2:29919992-29921589
## 10818	chr2 29920056	+	C	167	chr2:29919992-29921589
## 10819	chr2 29920056	-	C	84	chr2:29919992-29921589
## 10820	chr2 29920057	+	C	167	chr2:29919992-29921589
## 10821	chr2 29920057	-	C	84	chr2:29919992-29921589
## 10822	chr2 29920058	+	T	167	chr2:29919992-29921589

## 10823	chr2 29920058	-	T	84	chr2:29919992-29921589
## 10824	chr2 29920059	+	C	167	chr2:29919992-29921589
## 10825	chr2 29920059	-	C	84	chr2:29919992-29921589
## 10826	chr2 29920060	+	T	167	chr2:29919992-29921589
## 10827	chr2 29920060	-	T	84	chr2:29919992-29921589
## 10828	chr2 29920061	+	C	167	chr2:29919992-29921589
## 10829	chr2 29920061	-	C	84	chr2:29919992-29921589
## 10830	chr2 29920062	+	T	167	chr2:29919992-29921589
## 10831	chr2 29920062	-	T	84	chr2:29919992-29921589
## 10832	chr2 29920063	+	G	167	chr2:29919992-29921589
## 10833	chr2 29920063	-	G	83	chr2:29919992-29921589
## 10834	chr2 29920064	+	C	167	chr2:29919992-29921589
## 10835	chr2 29920064	-	C	83	chr2:29919992-29921589
## 10836	chr2 29920065	+	A	1	chr2:29919992-29921589
## 10837	chr2 29920065	+	C	165	chr2:29919992-29921589
## 10838	chr2 29920065	-	C	83	chr2:29919992-29921589
## 10839	chr2 29920066	+	C	167	chr2:29919992-29921589
## 10840	chr2 29920066	-	C	83	chr2:29919992-29921589
## 10841	chr2 29920067	+	A	166	chr2:29919992-29921589
## 10842	chr2 29920067	-	A	83	chr2:29919992-29921589
## 10843	chr2 29920068	+	C	168	chr2:29919992-29921589
## 10844	chr2 29920068	-	C	83	chr2:29919992-29921589
## 10845	chr2 29920069	+	T	168	chr2:29919992-29921589
## 10846	chr2 29920069	-	T	83	chr2:29919992-29921589
## 10847	chr2 29920070	+	T	146	chr2:29919992-29921589
## 10848	chr2 29920070	-	T	83	chr2:29919992-29921589
## 10849	chr2 29920071	+	C	144	chr2:29919992-29921589
## 10850	chr2 29920071	-	C	55	chr2:29919992-29921589
## 10851	chr2 29920072	+	C	155	chr2:29919992-29921589
## 10852	chr2 29920072	-	C	24	chr2:29919992-29921589
## 10853	chr2 29920072	+	T	1	chr2:29919992-29921589
## 10854	chr2 29920073	+	G	177	chr2:29919992-29921589
## 10855	chr2 29920073	-	G	44	chr2:29919992-29921589
## 10856	chr2 29920074	+	A	202	chr2:29919992-29921589
## 10857	chr2 29920074	-	A	44	chr2:29919992-29921589
## 10858	chr2 29920074	+	C	1	chr2:29919992-29921589
## 10859	chr2 29920075	+	C	206	chr2:29919992-29921589
## 10860	chr2 29920075	-	C	44	chr2:29919992-29921589
## 10861	chr2 29920076	+	G	206	chr2:29919992-29921589
## 10862	chr2 29920076	-	G	44	chr2:29919992-29921589
## 10863	chr2 29920077	+	C	206	chr2:29919992-29921589
## 10864	chr2 29920077	-	C	44	chr2:29919992-29921589
## 10865	chr2 29920078	+	C	207	chr2:29919992-29921589
## 10866	chr2 29920078	-	C	44	chr2:29919992-29921589
## 10867	chr2 29920079	+	T	207	chr2:29919992-29921589
## 10868	chr2 29920079	-	T	44	chr2:29919992-29921589
## 10869	chr2 29920080	+	T	207	chr2:29919992-29921589
## 10870	chr2 29920080	-	T	44	chr2:29919992-29921589
## 10871	chr2 29920081	+	C	207	chr2:29919992-29921589
## 10872	chr2 29920081	-	C	44	chr2:29919992-29921589
## 10873	chr2 29920082	+	A	1	chr2:29919992-29921589
## 10874	chr2 29920082	+	T	206	chr2:29919992-29921589
## 10875	chr2 29920082	-	T	44	chr2:29919992-29921589
## 10876	chr2 29920083	+	T	207	chr2:29919992-29921589

## 10877	chr2 29920083	-	T	44	chr2:29919992-29921589
## 10878	chr2 29920084	+	C	207	chr2:29919992-29921589
## 10879	chr2 29920084	-	C	44	chr2:29919992-29921589
## 10880	chr2 29920085	+	T	207	chr2:29919992-29921589
## 10881	chr2 29920085	-	T	44	chr2:29919992-29921589
## 10882	chr2 29920086	+	C	207	chr2:29919992-29921589
## 10883	chr2 29920086	-	C	44	chr2:29919992-29921589
## 10884	chr2 29920087	+	G	207	chr2:29919992-29921589
## 10885	chr2 29920087	-	G	44	chr2:29919992-29921589
## 10886	chr2 29920088	+	G	207	chr2:29919992-29921589
## 10887	chr2 29920088	-	G	44	chr2:29919992-29921589
## 10888	chr2 29920089	+	G	207	chr2:29919992-29921589
## 10889	chr2 29920089	-	G	44	chr2:29919992-29921589
## 10890	chr2 29920090	+	C	207	chr2:29919992-29921589
## 10891	chr2 29920090	-	C	44	chr2:29919992-29921589
## 10892	chr2 29920091	+	A	207	chr2:29919992-29921589
## 10893	chr2 29920091	-	A	44	chr2:29919992-29921589
## 10894	chr2 29920092	+	T	207	chr2:29919992-29921589
## 10895	chr2 29920092	-	T	44	chr2:29919992-29921589
## 10896	chr2 29920093	+	C	207	chr2:29919992-29921589
## 10897	chr2 29920093	-	C	44	chr2:29919992-29921589
## 10898	chr2 29920094	+	A	207	chr2:29919992-29921589
## 10899	chr2 29920094	-	A	44	chr2:29919992-29921589
## 10900	chr2 29920095	+	G	207	chr2:29919992-29921589
## 10901	chr2 29920095	-	G	44	chr2:29919992-29921589
## 10902	chr2 29920096	+	G	207	chr2:29919992-29921589
## 10903	chr2 29920096	-	G	44	chr2:29919992-29921589
## 10904	chr2 29920097	+	C	207	chr2:29919992-29921589
## 10905	chr2 29920097	-	C	44	chr2:29919992-29921589
## 10906	chr2 29920098	+	G	207	chr2:29919992-29921589
## 10907	chr2 29920098	-	G	44	chr2:29919992-29921589
## 10908	chr2 29920099	+	G	207	chr2:29919992-29921589
## 10909	chr2 29920099	-	G	44	chr2:29919992-29921589
## 10910	chr2 29920100	+	A	207	chr2:29919992-29921589
## 10911	chr2 29920100	-	A	44	chr2:29919992-29921589
## 10912	chr2 29920101	+	T	207	chr2:29919992-29921589
## 10913	chr2 29920101	-	T	44	chr2:29919992-29921589
## 10914	chr2 29920102	+	C	207	chr2:29919992-29921589
## 10915	chr2 29920102	-	C	44	chr2:29919992-29921589
## 10916	chr2 29920103	+	C	207	chr2:29919992-29921589
## 10917	chr2 29920103	-	C	44	chr2:29919992-29921589
## 10918	chr2 29920104	+	T	207	chr2:29919992-29921589
## 10919	chr2 29920104	-	T	44	chr2:29919992-29921589
## 10920	chr2 29920105	+	C	207	chr2:29919992-29921589
## 10921	chr2 29920105	-	C	44	chr2:29919992-29921589
## 10922	chr2 29920106	+	A	206	chr2:29919992-29921589
## 10923	chr2 29920106	-	A	44	chr2:29919992-29921589
## 10924	chr2 29920106	+	G	1	chr2:29919992-29921589
## 10925	chr2 29920107	+	G	207	chr2:29919992-29921589
## 10926	chr2 29920107	-	G	44	chr2:29919992-29921589
## 10927	chr2 29920108	+	T	207	chr2:29919992-29921589
## 10928	chr2 29920108	-	T	44	chr2:29919992-29921589
## 10929	chr2 29920109	+	C	207	chr2:29919992-29921589
## 10930	chr2 29920109	-	C	44	chr2:29919992-29921589

## 10931	chr2 29920110	+	G	207	chr2:29919992-29921589
## 10932	chr2 29920110	-	G	44	chr2:29919992-29921589
## 10933	chr2 29920111	+	C	207	chr2:29919992-29921589
## 10934	chr2 29920111	-	C	44	chr2:29919992-29921589
## 10935	chr2 29920112	+	C	207	chr2:29919992-29921589
## 10936	chr2 29920112	-	C	44	chr2:29919992-29921589
## 10937	chr2 29920113	+	C	207	chr2:29919992-29921589
## 10938	chr2 29920113	-	C	44	chr2:29919992-29921589
## 10939	chr2 29920114	+	T	207	chr2:29919992-29921589
## 10940	chr2 29920114	-	T	44	chr2:29919992-29921589
## 10941	chr2 29920115	+	T	206	chr2:29919992-29921589
## 10942	chr2 29920115	-	T	45	chr2:29919992-29921589
## 10943	chr2 29920116	+	C	206	chr2:29919992-29921589
## 10944	chr2 29920116	-	C	45	chr2:29919992-29921589
## 10945	chr2 29920117	+	G	206	chr2:29919992-29921589
## 10946	chr2 29920117	-	G	45	chr2:29919992-29921589
## 10947	chr2 29920118	+	C	206	chr2:29919992-29921589
## 10948	chr2 29920118	-	C	45	chr2:29919992-29921589
## 10949	chr2 29920119	+	C	206	chr2:29919992-29921589
## 10950	chr2 29920119	-	C	45	chr2:29919992-29921589
## 10951	chr2 29920120	+	T	206	chr2:29919992-29921589
## 10952	chr2 29920120	-	T	45	chr2:29919992-29921589
## 10953	chr2 29920121	+	T	206	chr2:29919992-29921589
## 10954	chr2 29920121	-	T	45	chr2:29919992-29921589
## 10955	chr2 29920122	+	G	206	chr2:29919992-29921589
## 10956	chr2 29920122	-	G	45	chr2:29919992-29921589
## 10957	chr2 29920123	+	G	206	chr2:29919992-29921589
## 10958	chr2 29920123	-	G	45	chr2:29919992-29921589
## 10959	chr2 29920124	+	C	206	chr2:29919992-29921589
## 10960	chr2 29920124	-	C	45	chr2:29919992-29921589
## 10961	chr2 29920125	+	G	206	chr2:29919992-29921589
## 10962	chr2 29920125	-	G	45	chr2:29919992-29921589
## 10963	chr2 29920126	+	A	206	chr2:29919992-29921589
## 10964	chr2 29920126	-	A	45	chr2:29919992-29921589
## 10965	chr2 29920127	+	A	204	chr2:29919992-29921589
## 10966	chr2 29920127	-	A	45	chr2:29919992-29921589
## 10967	chr2 29920128	+	T	205	chr2:29919992-29921589
## 10968	chr2 29920128	-	T	45	chr2:29919992-29921589
## 10969	chr2 29920129	+	C	205	chr2:29919992-29921589
## 10970	chr2 29920129	-	C	45	chr2:29919992-29921589
## 10971	chr2 29920130	+	C	205	chr2:29919992-29921589
## 10972	chr2 29920130	-	C	45	chr2:29919992-29921589
## 10973	chr2 29920131	+	A	203	chr2:29919992-29921589
## 10974	chr2 29920131	-	A	45	chr2:29919992-29921589
## 10975	chr2 29920131	+	G	1	chr2:29919992-29921589
## 10976	chr2 29920132	+	C	206	chr2:29919992-29921589
## 10977	chr2 29920132	-	C	45	chr2:29919992-29921589
## 10978	chr2 29920133	+	C	206	chr2:29919992-29921589
## 10979	chr2 29920133	-	C	45	chr2:29919992-29921589
## 10980	chr2 29920134	+	A	205	chr2:29919992-29921589
## 10981	chr2 29920134	-	A	45	chr2:29919992-29921589
## 10982	chr2 29920135	+	A	204	chr2:29919992-29921589
## 10983	chr2 29920135	-	A	45	chr2:29919992-29921589
## 10984	chr2 29920135	+	G	1	chr2:29919992-29921589

## 10985	chr2 29920136	+	C	205	chr2:29919992-29921589
## 10986	chr2 29920136	-	C	45	chr2:29919992-29921589
## 10987	chr2 29920137	+	T	204	chr2:29919992-29921589
## 10988	chr2 29920137	-	T	45	chr2:29919992-29921589
## 10989	chr2 29920138	+	A	1	chr2:29919992-29921589
## 10990	chr2 29920138	+	G	204	chr2:29919992-29921589
## 10991	chr2 29920138	-	G	45	chr2:29919992-29921589
## 10992	chr2 29920139	+	A	205	chr2:29919992-29921589
## 10993	chr2 29920139	-	A	45	chr2:29919992-29921589
## 10994	chr2 29920140	+	A	204	chr2:29919992-29921589
## 10995	chr2 29920140	-	A	45	chr2:29919992-29921589
## 10996	chr2 29920141	+	C	204	chr2:29919992-29921589
## 10997	chr2 29920141	-	C	45	chr2:29919992-29921589
## 10998	chr2 29920142	+	A	204	chr2:29919992-29921589
## 10999	chr2 29920142	-	A	45	chr2:29919992-29921589
## 11000	chr2 29920143	+	G	204	chr2:29919992-29921589
## 11001	chr2 29920143	-	G	45	chr2:29919992-29921589
## 11002	chr2 29920144	+	A	1	chr2:29919992-29921589
## 11003	chr2 29920144	+	C	204	chr2:29919992-29921589
## 11004	chr2 29920144	-	C	45	chr2:29919992-29921589
## 11005	chr2 29920145	+	T	205	chr2:29919992-29921589
## 11006	chr2 29920145	-	T	45	chr2:29919992-29921589
## 11007	chr2 29920146	+	C	185	chr2:29919992-29921589
## 11008	chr2 29920146	-	C	45	chr2:29919992-29921589
## 11009	chr2 29920147	+	G	170	chr2:29919992-29921589
## 11010	chr2 29920147	-	G	31	chr2:29919992-29921589
## 11011	chr2 29920148	+	C	139	chr2:29919992-29921589
## 11012	chr2 29920148	-	C	33	chr2:29919992-29921589
## 11013	chr2 29920149	+	T	122	chr2:29919992-29921589
## 11014	chr2 29920149	-	T	65	chr2:29919992-29921589
## 11015	chr2 29920150	+	G	129	chr2:29919992-29921589
## 11016	chr2 29920150	-	G	94	chr2:29919992-29921589
## 11017	chr2 29920151	+	A	136	chr2:29919992-29921589
## 11018	chr2 29920151	-	A	108	chr2:29919992-29921589
## 11019	chr2 29920152	+	G	142	chr2:29919992-29921589
## 11020	chr2 29920152	-	G	108	chr2:29919992-29921589
## 11021	chr2 29920153	+	A	142	chr2:29919992-29921589
## 11022	chr2 29920153	-	A	108	chr2:29919992-29921589
## 11023	chr2 29920154	+	T	142	chr2:29919992-29921589
## 11024	chr2 29920154	-	T	108	chr2:29919992-29921589
## 11025	chr2 29920155	+	G	1	chr2:29919992-29921589
## 11026	chr2 29920155	+	T	141	chr2:29919992-29921589
## 11027	chr2 29920155	-	T	108	chr2:29919992-29921589
## 11028	chr2 29920156	+	G	141	chr2:29919992-29921589
## 11029	chr2 29920156	-	G	108	chr2:29919992-29921589
## 11030	chr2 29920156	+	T	1	chr2:29919992-29921589
## 11031	chr2 29920157	+	A	142	chr2:29919992-29921589
## 11032	chr2 29920157	-	A	108	chr2:29919992-29921589
## 11033	chr2 29920158	+	A	141	chr2:29919992-29921589
## 11034	chr2 29920158	-	A	108	chr2:29919992-29921589
## 11035	chr2 29920159	+	C	142	chr2:29919992-29921589
## 11036	chr2 29920159	-	C	108	chr2:29919992-29921589
## 11037	chr2 29920159	+	T	1	chr2:29919992-29921589
## 11038	chr2 29920160	+	T	144	chr2:29919992-29921589

## 11039	chr2 29920160	-	T	108	chr2:29919992-29921589
## 11040	chr2 29920161	-	A	1	chr2:29919992-29921589
## 11041	chr2 29920161	+	G	144	chr2:29919992-29921589
## 11042	chr2 29920161	-	G	107	chr2:29919992-29921589
## 11043	chr2 29920162	+	A	1	chr2:29919992-29921589
## 11044	chr2 29920162	+	G	143	chr2:29919992-29921589
## 11045	chr2 29920162	-	G	108	chr2:29919992-29921589
## 11046	chr2 29920163	+	A	145	chr2:29919992-29921589
## 11047	chr2 29920163	-	A	108	chr2:29919992-29921589
## 11048	chr2 29920164	+	G	145	chr2:29919992-29921589
## 11049	chr2 29920164	-	G	108	chr2:29919992-29921589
## 11050	chr2 29920165	+	C	141	chr2:29919992-29921589
## 11051	chr2 29920165	-	C	108	chr2:29919992-29921589
## 11052	chr2 29920165	-	G	1	chr2:29919992-29921589
## 11053	chr2 29920165	+	T	3	chr2:29919992-29921589
## 11054	chr2 29920166	+	A	144	chr2:29919992-29921589
## 11055	chr2 29920166	-	A	109	chr2:29919992-29921589
## 11056	chr2 29920167	-	A	2	chr2:29919992-29921589
## 11057	chr2 29920167	+	G	144	chr2:29919992-29921589
## 11058	chr2 29920167	-	G	107	chr2:29919992-29921589
## 11059	chr2 29920168	+	C	144	chr2:29919992-29921589
## 11060	chr2 29920168	-	C	109	chr2:29919992-29921589
## 11061	chr2 29920169	+	C	144	chr2:29919992-29921589
## 11062	chr2 29920169	-	C	109	chr2:29919992-29921589
## 11063	chr2 29920170	+	C	144	chr2:29919992-29921589
## 11064	chr2 29920170	-	C	109	chr2:29919992-29921589
## 11065	chr2 29920171	+	C	142	chr2:29919992-29921589
## 11066	chr2 29920171	-	C	110	chr2:29919992-29921589
## 11067	chr2 29920172	+	A	142	chr2:29919992-29921589
## 11068	chr2 29920172	-	A	110	chr2:29919992-29921589
## 11069	chr2 29920173	+	C	143	chr2:29919992-29921589
## 11070	chr2 29920173	-	C	109	chr2:29919992-29921589
## 11071	chr2 29920173	-	T	1	chr2:29919992-29921589
## 11072	chr2 29920174	+	A	143	chr2:29919992-29921589
## 11073	chr2 29920174	-	A	110	chr2:29919992-29921589
## 11074	chr2 29920175	+	G	143	chr2:29919992-29921589
## 11075	chr2 29920175	-	G	110	chr2:29919992-29921589
## 11076	chr2 29920176	+	C	142	chr2:29919992-29921589
## 11077	chr2 29920176	-	C	111	chr2:29919992-29921589
## 11078	chr2 29920177	+	C	142	chr2:29919992-29921589
## 11079	chr2 29920177	-	C	111	chr2:29919992-29921589
## 11080	chr2 29920178	+	C	1	chr2:29919992-29921589
## 11081	chr2 29920178	+	G	140	chr2:29919992-29921589
## 11082	chr2 29920178	-	G	111	chr2:29919992-29921589
## 11083	chr2 29920178	+	T	1	chr2:29919992-29921589
## 11084	chr2 29920179	+	C	142	chr2:29919992-29921589
## 11085	chr2 29920179	-	C	111	chr2:29919992-29921589
## 11086	chr2 29920180	+	C	142	chr2:29919992-29921589
## 11087	chr2 29920180	-	C	111	chr2:29919992-29921589
## 11088	chr2 29920181	+	T	141	chr2:29919992-29921589
## 11089	chr2 29920181	-	T	112	chr2:29919992-29921589
## 11090	chr2 29920182	+	-	1	chr2:29919992-29921589
## 11091	chr2 29920182	+	C	140	chr2:29919992-29921589
## 11092	chr2 29920182	-	C	110	chr2:29919992-29921589

## 11093	chr2 29920183	+	C	141	chr2:29919992-29921589
## 11094	chr2 29920183	-	C	110	chr2:29919992-29921589
## 11095	chr2 29920184	+	C	141	chr2:29919992-29921589
## 11096	chr2 29920184	-	C	110	chr2:29919992-29921589
## 11097	chr2 29920185	+	C	140	chr2:29919992-29921589
## 11098	chr2 29920185	-	C	110	chr2:29919992-29921589
## 11099	chr2 29920185	-	T	1	chr2:29919992-29921589
## 11100	chr2 29920186	+	G	140	chr2:29919992-29921589
## 11101	chr2 29920186	-	G	111	chr2:29919992-29921589
## 11102	chr2 29920187	+	G	139	chr2:29919992-29921589
## 11103	chr2 29920187	-	G	112	chr2:29919992-29921589
## 11104	chr2 29920188	+	G	139	chr2:29919992-29921589
## 11105	chr2 29920188	-	G	112	chr2:29919992-29921589
## 11106	chr2 29920189	+	G	139	chr2:29919992-29921589
## 11107	chr2 29920189	-	G	112	chr2:29919992-29921589
## 11108	chr2 29920190	+	G	140	chr2:29919992-29921589
## 11109	chr2 29920190	-	G	111	chr2:29919992-29921589
## 11110	chr2 29920191	+	C	1	chr2:29919992-29921589
## 11111	chr2 29920191	+	G	139	chr2:29919992-29921589
## 11112	chr2 29920191	-	G	111	chr2:29919992-29921589
## 11113	chr2 29920192	+	C	140	chr2:29919992-29921589
## 11114	chr2 29920192	-	C	111	chr2:29919992-29921589
## 11115	chr2 29920193	+	C	139	chr2:29919992-29921589
## 11116	chr2 29920193	-	C	112	chr2:29919992-29921589
## 11117	chr2 29920194	+	C	138	chr2:29919992-29921589
## 11118	chr2 29920194	-	C	111	chr2:29919992-29921589
## 11119	chr2 29920195	+	G	139	chr2:29919992-29921589
## 11120	chr2 29920195	-	G	111	chr2:29919992-29921589
## 11121	chr2 29920196	+	A	139	chr2:29919992-29921589
## 11122	chr2 29920196	-	A	111	chr2:29919992-29921589
## 11123	chr2 29920197	+	C	139	chr2:29919992-29921589
## 11124	chr2 29920197	-	C	111	chr2:29919992-29921589
## 11125	chr2 29920198	+	G	138	chr2:29919992-29921589
## 11126	chr2 29920198	-	G	109	chr2:29919992-29921589
## 11127	chr2 29920198	+	T	1	chr2:29919992-29921589
## 11128	chr2 29920198	-	T	2	chr2:29919992-29921589
## 11129	chr2 29920199	+	C	139	chr2:29919992-29921589
## 11130	chr2 29920199	-	C	111	chr2:29919992-29921589
## 11131	chr2 29920200	+	A	138	chr2:29919992-29921589
## 11132	chr2 29920200	-	A	110	chr2:29919992-29921589
## 11133	chr2 29920200	-	T	1	chr2:29919992-29921589
## 11134	chr2 29920201	+	A	138	chr2:29919992-29921589
## 11135	chr2 29920201	-	A	111	chr2:29919992-29921589
## 11136	chr2 29920202	+	C	140	chr2:29919992-29921589
## 11137	chr2 29920202	-	C	111	chr2:29919992-29921589
## 11138	chr2 29920203	+	C	139	chr2:29919992-29921589
## 11139	chr2 29920203	-	C	111	chr2:29919992-29921589
## 11140	chr2 29920204	+	C	139	chr2:29919992-29921589
## 11141	chr2 29920204	-	C	111	chr2:29919992-29921589
## 11142	chr2 29920205	+	T	139	chr2:29919992-29921589
## 11143	chr2 29920205	-	T	110	chr2:29919992-29921589
## 11144	chr2 29920206	+	C	139	chr2:29919992-29921589
## 11145	chr2 29920206	-	C	111	chr2:29919992-29921589
## 11146	chr2 29920207	+	C	137	chr2:29919992-29921589

## 11147	chr2 29920207	-	C	111	chr2:29919992-29921589
## 11148	chr2 29920208	+	A	139	chr2:29919992-29921589
## 11149	chr2 29920208	-	A	111	chr2:29919992-29921589
## 11150	chr2 29920209	+	A	139	chr2:29919992-29921589
## 11151	chr2 29920209	-	A	111	chr2:29919992-29921589
## 11152	chr2 29920210	+	G	139	chr2:29919992-29921589
## 11153	chr2 29920210	-	G	111	chr2:29919992-29921589
## 11154	chr2 29920211	+	A	139	chr2:29919992-29921589
## 11155	chr2 29920211	-	A	111	chr2:29919992-29921589
## 11156	chr2 29920212	+	C	1	chr2:29919992-29921589
## 11157	chr2 29920212	+	T	138	chr2:29919992-29921589
## 11158	chr2 29920212	-	T	111	chr2:29919992-29921589
## 11159	chr2 29920213	+	C	138	chr2:29919992-29921589
## 11160	chr2 29920213	-	C	111	chr2:29919992-29921589
## 11161	chr2 29920214	+	G	139	chr2:29919992-29921589
## 11162	chr2 29920214	-	G	111	chr2:29919992-29921589
## 11163	chr2 29920215	+	C	139	chr2:29919992-29921589
## 11164	chr2 29920215	-	C	111	chr2:29919992-29921589
## 11165	chr2 29920216	+	C	138	chr2:29919992-29921589
## 11166	chr2 29920216	-	C	111	chr2:29919992-29921589
## 11167	chr2 29920217	+	T	138	chr2:29919992-29921589
## 11168	chr2 29920217	-	T	110	chr2:29919992-29921589
## 11169	chr2 29920218	+	C	139	chr2:29919992-29921589
## 11170	chr2 29920218	-	C	110	chr2:29919992-29921589
## 11171	chr2 29920219	+	C	139	chr2:29919992-29921589
## 11172	chr2 29920219	-	C	109	chr2:29919992-29921589
## 11173	chr2 29920220	+	C	1	chr2:29919992-29921589
## 11174	chr2 29920220	+	T	139	chr2:29919992-29921589
## 11175	chr2 29920220	-	T	109	chr2:29919992-29921589
## 11176	chr2 29920221	+	A	1	chr2:29919992-29921589
## 11177	chr2 29920221	+	C	137	chr2:29919992-29921589
## 11178	chr2 29920221	-	C	110	chr2:29919992-29921589
## 11179	chr2 29920221	+	G	1	chr2:29919992-29921589
## 11180	chr2 29920222	+	G	123	chr2:29919992-29921589
## 11181	chr2 29920222	-	G	106	chr2:29919992-29921589
## 11182	chr2 29920222	+	T	1	chr2:29919992-29921589
## 11183	chr2 29920223	+	C	125	chr2:29919992-29921589
## 11184	chr2 29920223	-	C	84	chr2:29919992-29921589
## 11185	chr2 29920223	+	G	1	chr2:29919992-29921589
## 11186	chr2 29920224	+	C	116	chr2:29919992-29921589
## 11187	chr2 29920224	-	C	80	chr2:29919992-29921589
## 11188	chr2 29920224	+	T	1	chr2:29919992-29921589
## 11189	chr2 29920225	+	C	108	chr2:29919992-29921589
## 11190	chr2 29920225	-	C	60	chr2:29919992-29921589
## 11191	chr2 29920225	+	T	1	chr2:29919992-29921589
## 11192	chr2 29920226	+	A	102	chr2:29919992-29921589
## 11193	chr2 29920226	-	A	58	chr2:29919992-29921589
## 11194	chr2 29920226	+	C	1	chr2:29919992-29921589
## 11195	chr2 29920227	+	G	103	chr2:29919992-29921589
## 11196	chr2 29920227	-	G	85	chr2:29919992-29921589
## 11197	chr2 29920228	+	C	117	chr2:29919992-29921589
## 11198	chr2 29920228	-	C	97	chr2:29919992-29921589
## 11199	chr2 29920229	+	T	131	chr2:29919992-29921589
## 11200	chr2 29920229	-	T	119	chr2:29919992-29921589

## 11201	chr2 29920230	+	C	131	chr2:29919992-29921589
## 11202	chr2 29920230	-	C	119	chr2:29919992-29921589
## 11203	chr2 29920231	+	C	131	chr2:29919992-29921589
## 11204	chr2 29920231	-	C	119	chr2:29919992-29921589
## 11205	chr2 29920232	+	A	129	chr2:29919992-29921589
## 11206	chr2 29920232	-	A	120	chr2:29919992-29921589
## 11207	chr2 29920233	+	G	131	chr2:29919992-29921589
## 11208	chr2 29920233	-	G	120	chr2:29919992-29921589
## 11209	chr2 29920234	+	C	130	chr2:29919992-29921589
## 11210	chr2 29920234	-	C	120	chr2:29919992-29921589
## 11211	chr2 29920235	+	A	129	chr2:29919992-29921589
## 11212	chr2 29920235	-	A	120	chr2:29919992-29921589
## 11213	chr2 29920235	+	C	1	chr2:29919992-29921589
## 11214	chr2 29920236	+	C	131	chr2:29919992-29921589
## 11215	chr2 29920236	-	C	119	chr2:29919992-29921589
## 11216	chr2 29920236	-	G	1	chr2:29919992-29921589
## 11217	chr2 29920237	+	C	131	chr2:29919992-29921589
## 11218	chr2 29920237	-	C	120	chr2:29919992-29921589
## 11219	chr2 29920238	+	A	130	chr2:29919992-29921589
## 11220	chr2 29920238	-	A	120	chr2:29919992-29921589
## 11221	chr2 29920239	+	A	130	chr2:29919992-29921589
## 11222	chr2 29920239	-	A	120	chr2:29919992-29921589
## 11223	chr2 29920239	+	C	1	chr2:29919992-29921589
## 11224	chr2 29920240	+	C	132	chr2:29919992-29921589
## 11225	chr2 29920240	-	C	120	chr2:29919992-29921589
## 11226	chr2 29920241	+	T	131	chr2:29919992-29921589
## 11227	chr2 29920241	-	T	120	chr2:29919992-29921589
## 11228	chr2 29920242	+	G	131	chr2:29919992-29921589
## 11229	chr2 29920242	-	G	120	chr2:29919992-29921589
## 11230	chr2 29920243	+	C	131	chr2:29919992-29921589
## 11231	chr2 29920243	-	C	120	chr2:29919992-29921589
## 11232	chr2 29920244	+	T	130	chr2:29919992-29921589
## 11233	chr2 29920244	-	T	121	chr2:29919992-29921589
## 11234	chr2 29920245	+	T	130	chr2:29919992-29921589
## 11235	chr2 29920245	-	T	121	chr2:29919992-29921589
## 11236	chr2 29920246	+	G	130	chr2:29919992-29921589
## 11237	chr2 29920246	-	G	120	chr2:29919992-29921589
## 11238	chr2 29920246	-	T	1	chr2:29919992-29921589
## 11239	chr2 29920247	+	G	131	chr2:29919992-29921589
## 11240	chr2 29920247	-	G	121	chr2:29919992-29921589
## 11241	chr2 29920248	+	C	131	chr2:29919992-29921589
## 11242	chr2 29920248	-	C	121	chr2:29919992-29921589
## 11243	chr2 29920249	+	A	130	chr2:29919992-29921589
## 11244	chr2 29920249	-	A	121	chr2:29919992-29921589
## 11245	chr2 29920249	+	C	1	chr2:29919992-29921589
## 11246	chr2 29920250	+	C	131	chr2:29919992-29921589
## 11247	chr2 29920250	-	C	121	chr2:29919992-29921589
## 11248	chr2 29920251	+	G	132	chr2:29919992-29921589
## 11249	chr2 29920251	-	G	120	chr2:29919992-29921589
## 11250	chr2 29920252	+	C	131	chr2:29919992-29921589
## 11251	chr2 29920252	-	C	120	chr2:29919992-29921589
## 11252	chr2 29920253	+	C	131	chr2:29919992-29921589
## 11253	chr2 29920253	-	C	120	chr2:29919992-29921589
## 11254	chr2 29920254	+	G	129	chr2:29919992-29921589

## 11255	chr2 29920254	-	G	120	chr2:29919992-29921589
## 11256	chr2 29920255	+	G	130	chr2:29919992-29921589
## 11257	chr2 29920255	-	G	120	chr2:29919992-29921589
## 11258	chr2 29920256	+	A	131	chr2:29919992-29921589
## 11259	chr2 29920256	-	A	119	chr2:29919992-29921589
## 11260	chr2 29920257	+	G	131	chr2:29919992-29921589
## 11261	chr2 29920257	-	G	119	chr2:29919992-29921589
## 11262	chr2 29920258	+	C	131	chr2:29919992-29921589
## 11263	chr2 29920258	-	C	119	chr2:29919992-29921589
## 11264	chr2 29920259	+	T	131	chr2:29919992-29921589
## 11265	chr2 29920259	-	T	119	chr2:29919992-29921589
## 11266	chr2 29920260	+	T	132	chr2:29919992-29921589
## 11267	chr2 29920260	-	T	118	chr2:29919992-29921589
## 11268	chr2 29920261	+	G	131	chr2:29919992-29921589
## 11269	chr2 29920261	-	G	118	chr2:29919992-29921589
## 11270	chr2 29920261	+	T	1	chr2:29919992-29921589
## 11271	chr2 29920262	+	C	133	chr2:29919992-29921589
## 11272	chr2 29920262	-	C	117	chr2:29919992-29921589
## 11273	chr2 29920263	+	G	133	chr2:29919992-29921589
## 11274	chr2 29920263	-	G	117	chr2:29919992-29921589
## 11275	chr2 29920264	+	C	133	chr2:29919992-29921589
## 11276	chr2 29920264	-	C	117	chr2:29919992-29921589
## 11277	chr2 29920265	+	A	131	chr2:29919992-29921589
## 11278	chr2 29920265	-	A	117	chr2:29919992-29921589
## 11279	chr2 29920265	+	C	2	chr2:29919992-29921589
## 11280	chr2 29920266	+	C	133	chr2:29919992-29921589
## 11281	chr2 29920266	-	C	117	chr2:29919992-29921589
## 11282	chr2 29920267	+	G	133	chr2:29919992-29921589
## 11283	chr2 29920267	-	G	117	chr2:29919992-29921589
## 11284	chr2 29920268	+	G	134	chr2:29919992-29921589
## 11285	chr2 29920268	-	G	116	chr2:29919992-29921589
## 11286	chr2 29920269	+	A	132	chr2:29919992-29921589
## 11287	chr2 29920269	-	A	116	chr2:29919992-29921589
## 11288	chr2 29920270	+	G	134	chr2:29919992-29921589
## 11289	chr2 29920270	-	G	116	chr2:29919992-29921589
## 11290	chr2 29920271	+	C	134	chr2:29919992-29921589
## 11291	chr2 29920271	-	C	116	chr2:29919992-29921589
## 11292	chr2 29920272	+	C	134	chr2:29919992-29921589
## 11293	chr2 29920272	-	C	116	chr2:29919992-29921589
## 11294	chr2 29920273	+	G	134	chr2:29919992-29921589
## 11295	chr2 29920273	-	G	116	chr2:29919992-29921589
## 11296	chr2 29920274	+	C	134	chr2:29919992-29921589
## 11297	chr2 29920274	-	C	116	chr2:29919992-29921589
## 11298	chr2 29920275	+	C	134	chr2:29919992-29921589
## 11299	chr2 29920275	-	C	116	chr2:29919992-29921589
## 11300	chr2 29920276	+	C	132	chr2:29919992-29921589
## 11301	chr2 29920276	-	C	116	chr2:29919992-29921589
## 11302	chr2 29920277	+	T	134	chr2:29919992-29921589
## 11303	chr2 29920277	-	T	116	chr2:29919992-29921589
## 11304	chr2 29920278	+	T	134	chr2:29919992-29921589
## 11305	chr2 29920278	-	T	116	chr2:29919992-29921589
## 11306	chr2 29920279	+	C	135	chr2:29919992-29921589
## 11307	chr2 29920279	-	C	116	chr2:29919992-29921589
## 11308	chr2 29920280	+	A	134	chr2:29919992-29921589

## 11309	chr2	29920280	-	A	116	chr2:29919992-29921589
## 11310	chr2	29920281	+	G	135	chr2:29919992-29921589
## 11311	chr2	29920281	-	G	115	chr2:29919992-29921589
## 11312	chr2	29920282	+	C	135	chr2:29919992-29921589
## 11313	chr2	29920282	-	C	115	chr2:29919992-29921589
## 11314	chr2	29920283	+	A	132	chr2:29919992-29921589
## 11315	chr2	29920283	-	A	115	chr2:29919992-29921589
## 11316	chr2	29920284	+	C	136	chr2:29919992-29921589
## 11317	chr2	29920284	-	C	115	chr2:29919992-29921589
## 11318	chr2	29920285	+	C	135	chr2:29919992-29921589
## 11319	chr2	29920285	-	C	115	chr2:29919992-29921589
## 11320	chr2	29920285	+	T	1	chr2:29919992-29921589
## 11321	chr2	29920286	+	C	136	chr2:29919992-29921589
## 11322	chr2	29920286	-	C	115	chr2:29919992-29921589
## 11323	chr2	29920287	+	T	136	chr2:29919992-29921589
## 11324	chr2	29920287	-	T	115	chr2:29919992-29921589
## 11325	chr2	29920288	+	G	136	chr2:29919992-29921589
## 11326	chr2	29920288	-	G	115	chr2:29919992-29921589
## 11327	chr2	29920289	+	G	136	chr2:29919992-29921589
## 11328	chr2	29920289	-	G	114	chr2:29919992-29921589
## 11329	chr2	29920290	+	A	136	chr2:29919992-29921589
## 11330	chr2	29920290	-	A	114	chr2:29919992-29921589
## 11331	chr2	29920291	+	C	136	chr2:29919992-29921589
## 11332	chr2	29920291	-	C	113	chr2:29919992-29921589
## 11333	chr2	29920292	+	A	134	chr2:29919992-29921589
## 11334	chr2	29920292	-	A	114	chr2:29919992-29921589
## 11335	chr2	29920293	+	G	134	chr2:29919992-29921589
## 11336	chr2	29920293	-	G	114	chr2:29919992-29921589
## 11337	chr2	29920294	-	A	1	chr2:29919992-29921589
## 11338	chr2	29920294	+	C	135	chr2:29919992-29921589
## 11339	chr2	29920294	-	C	113	chr2:29919992-29921589
## 11340	chr2	29920295	+	G	135	chr2:29919992-29921589
## 11341	chr2	29920295	-	G	113	chr2:29919992-29921589
## 11342	chr2	29920296	-	G	1	chr2:29919992-29921589
## 11343	chr2	29920296	+	T	138	chr2:29919992-29921589
## 11344	chr2	29920296	-	T	110	chr2:29919992-29921589
## 11345	chr2	29920297	+	C	136	chr2:29919992-29921589
## 11346	chr2	29920297	-	C	113	chr2:29919992-29921589
## 11347	chr2	29920298	+	C	122	chr2:29919992-29921589
## 11348	chr2	29920298	-	C	108	chr2:29919992-29921589
## 11349	chr2	29920299	+	G	123	chr2:29919992-29921589
## 11350	chr2	29920299	-	G	83	chr2:29919992-29921589
## 11351	chr2	29920300	+	G	143	chr2:29919992-29921589
## 11352	chr2	29920300	-	G	85	chr2:29919992-29921589
## 11353	chr2	29920301	+	G	150	chr2:29919992-29921589
## 11354	chr2	29920301	-	G	80	chr2:29919992-29921589
## 11355	chr2	29920302	+	C	149	chr2:29919992-29921589
## 11356	chr2	29920302	-	C	53	chr2:29919992-29921589
## 11357	chr2	29920303	+	C	146	chr2:29919992-29921589
## 11358	chr2	29920303	-	C	52	chr2:29919992-29921589
## 11359	chr2	29920304	-	C	1	chr2:29919992-29921589
## 11360	chr2	29920304	+	T	156	chr2:29919992-29921589
## 11361	chr2	29920304	-	T	31	chr2:29919992-29921589
## 11362	chr2	29920305	+	C	170	chr2:29919992-29921589

## 11363	chr2 29920305	-	C	43	chr2:29919992-29921589
## 11364	chr2 29920305	+	T	5	chr2:29919992-29921589
## 11365	chr2 29920306	+	T	190	chr2:29919992-29921589
## 11366	chr2 29920306	-	T	48	chr2:29919992-29921589
## 11367	chr2 29920307	+	G	203	chr2:29919992-29921589
## 11368	chr2 29920307	-	G	47	chr2:29919992-29921589
## 11369	chr2 29920308	+	C	201	chr2:29919992-29921589
## 11370	chr2 29920308	-	C	47	chr2:29919992-29921589
## 11371	chr2 29920308	+	G	1	chr2:29919992-29921589
## 11372	chr2 29920309	+	C	203	chr2:29919992-29921589
## 11373	chr2 29920309	-	C	47	chr2:29919992-29921589
## 11374	chr2 29920310	+	G	203	chr2:29919992-29921589
## 11375	chr2 29920310	-	G	47	chr2:29919992-29921589
## 11376	chr2 29920311	+	G	203	chr2:29919992-29921589
## 11377	chr2 29920311	-	G	47	chr2:29919992-29921589
## 11378	chr2 29920312	+	G	203	chr2:29919992-29921589
## 11379	chr2 29920312	-	G	47	chr2:29919992-29921589
## 11380	chr2 29920313	+	G	203	chr2:29919992-29921589
## 11381	chr2 29920313	-	G	47	chr2:29919992-29921589
## 11382	chr2 29920314	+	C	203	chr2:29919992-29921589
## 11383	chr2 29920314	-	C	47	chr2:29919992-29921589
## 11384	chr2 29920315	+	T	202	chr2:29919992-29921589
## 11385	chr2 29920315	-	T	47	chr2:29919992-29921589
## 11386	chr2 29920316	+	G	203	chr2:29919992-29921589
## 11387	chr2 29920316	-	G	47	chr2:29919992-29921589
## 11388	chr2 29920317	+	G	204	chr2:29919992-29921589
## 11389	chr2 29920317	-	G	47	chr2:29919992-29921589
## 11390	chr2 29920318	+	T	204	chr2:29919992-29921589
## 11391	chr2 29920318	-	T	47	chr2:29919992-29921589
## 11392	chr2 29920319	+	G	205	chr2:29919992-29921589
## 11393	chr2 29920319	-	G	46	chr2:29919992-29921589
## 11394	chr2 29920320	+	A	205	chr2:29919992-29921589
## 11395	chr2 29920320	-	A	46	chr2:29919992-29921589
## 11396	chr2 29920321	+	A	205	chr2:29919992-29921589
## 11397	chr2 29920321	-	A	45	chr2:29919992-29921589
## 11398	chr2 29920322	+	C	206	chr2:29919992-29921589
## 11399	chr2 29920322	-	C	45	chr2:29919992-29921589
## 11400	chr2 29920323	+	C	206	chr2:29919992-29921589
## 11401	chr2 29920323	-	C	45	chr2:29919992-29921589
## 11402	chr2 29920324	+	G	206	chr2:29919992-29921589
## 11403	chr2 29920324	-	G	45	chr2:29919992-29921589
## 11404	chr2 29920325	+	A	1	chr2:29919992-29921589
## 11405	chr2 29920325	+	G	205	chr2:29919992-29921589
## 11406	chr2 29920325	-	G	45	chr2:29919992-29921589
## 11407	chr2 29920326	+	C	206	chr2:29919992-29921589
## 11408	chr2 29920326	-	C	45	chr2:29919992-29921589
## 11409	chr2 29920327	+	A	1	chr2:29919992-29921589
## 11410	chr2 29920327	+	G	205	chr2:29919992-29921589
## 11411	chr2 29920327	-	G	45	chr2:29919992-29921589
## 11412	chr2 29920328	+	A	1	chr2:29919992-29921589
## 11413	chr2 29920328	+	G	205	chr2:29919992-29921589
## 11414	chr2 29920328	-	G	45	chr2:29919992-29921589
## 11415	chr2 29920329	+	T	206	chr2:29919992-29921589
## 11416	chr2 29920329	-	T	45	chr2:29919992-29921589

## 11417	chr2 29920330	+	C	205	chr2:29919992-29921589
## 11418	chr2 29920330	-	C	45	chr2:29919992-29921589
## 11419	chr2 29920331	+	C	205	chr2:29919992-29921589
## 11420	chr2 29920331	-	C	45	chr2:29919992-29921589
## 11421	chr2 29920332	+	A	205	chr2:29919992-29921589
## 11422	chr2 29920332	-	A	45	chr2:29919992-29921589
## 11423	chr2 29920333	+	G	205	chr2:29919992-29921589
## 11424	chr2 29920333	-	G	45	chr2:29919992-29921589
## 11425	chr2 29920334	+	G	205	chr2:29919992-29921589
## 11426	chr2 29920334	-	G	45	chr2:29919992-29921589
## 11427	chr2 29920335	+	A	205	chr2:29919992-29921589
## 11428	chr2 29920335	-	A	45	chr2:29919992-29921589
## 11429	chr2 29920336	+	G	205	chr2:29919992-29921589
## 11430	chr2 29920336	-	G	45	chr2:29919992-29921589
## 11431	chr2 29920337	+	A	205	chr2:29919992-29921589
## 11432	chr2 29920337	-	A	45	chr2:29919992-29921589
## 11433	chr2 29920338	+	C	204	chr2:29919992-29921589
## 11434	chr2 29920338	-	C	45	chr2:29919992-29921589
## 11435	chr2 29920338	+	T	1	chr2:29919992-29921589
## 11436	chr2 29920339	+	C	205	chr2:29919992-29921589
## 11437	chr2 29920339	-	C	45	chr2:29919992-29921589
## 11438	chr2 29920340	+	C	205	chr2:29919992-29921589
## 11439	chr2 29920340	-	C	45	chr2:29919992-29921589
## 11440	chr2 29920341	+	C	205	chr2:29919992-29921589
## 11441	chr2 29920341	-	C	45	chr2:29919992-29921589
## 11442	chr2 29920342	+	C	205	chr2:29919992-29921589
## 11443	chr2 29920342	-	C	45	chr2:29919992-29921589
## 11444	chr2 29920343	+	G	204	chr2:29919992-29921589
## 11445	chr2 29920343	-	G	45	chr2:29919992-29921589
## 11446	chr2 29920343	+	T	1	chr2:29919992-29921589
## 11447	chr2 29920344	+	G	205	chr2:29919992-29921589
## 11448	chr2 29920344	-	G	45	chr2:29919992-29921589
## 11449	chr2 29920345	+	C	203	chr2:29919992-29921589
## 11450	chr2 29920345	-	C	45	chr2:29919992-29921589
## 11451	chr2 29920346	+	G	205	chr2:29919992-29921589
## 11452	chr2 29920346	-	G	44	chr2:29919992-29921589
## 11453	chr2 29920347	+	C	206	chr2:29919992-29921589
## 11454	chr2 29920347	-	C	44	chr2:29919992-29921589
## 11455	chr2 29920348	+	C	206	chr2:29919992-29921589
## 11456	chr2 29920348	-	C	44	chr2:29919992-29921589
## 11457	chr2 29920349	+	G	206	chr2:29919992-29921589
## 11458	chr2 29920349	-	G	44	chr2:29919992-29921589
## 11459	chr2 29920350	+	G	206	chr2:29919992-29921589
## 11460	chr2 29920350	-	G	44	chr2:29919992-29921589
## 11461	chr2 29920351	+	C	206	chr2:29919992-29921589
## 11462	chr2 29920351	-	C	44	chr2:29919992-29921589
## 11463	chr2 29920352	+	C	204	chr2:29919992-29921589
## 11464	chr2 29920352	-	C	44	chr2:29919992-29921589
## 11465	chr2 29920353	+	C	206	chr2:29919992-29921589
## 11466	chr2 29920353	-	C	44	chr2:29919992-29921589
## 11467	chr2 29920354	+	C	206	chr2:29919992-29921589
## 11468	chr2 29920354	-	C	43	chr2:29919992-29921589
## 11469	chr2 29920355	+	A	204	chr2:29919992-29921589
## 11470	chr2 29920355	-	A	43	chr2:29919992-29921589

## 11471	chr2	29920355	+	C	2	chr2:29919992-29921589
## 11472	chr2	29920356	+	G	208	chr2:29919992-29921589
## 11473	chr2	29920356	-	G	43	chr2:29919992-29921589
## 11474	chr2	29920357	+	C	204	chr2:29919992-29921589
## 11475	chr2	29920357	-	C	43	chr2:29919992-29921589
## 11476	chr2	29920358	+	A	203	chr2:29919992-29921589
## 11477	chr2	29920358	-	A	43	chr2:29919992-29921589
## 11478	chr2	29920358	+	C	1	chr2:29919992-29921589
## 11479	chr2	29920359	+	A	204	chr2:29919992-29921589
## 11480	chr2	29920359	-	A	43	chr2:29919992-29921589
## 11481	chr2	29920359	+	C	2	chr2:29919992-29921589
## 11482	chr2	29920360	+	C	207	chr2:29919992-29921589
## 11483	chr2	29920360	-	C	43	chr2:29919992-29921589
## 11484	chr2	29920361	+	C	205	chr2:29919992-29921589
## 11485	chr2	29920361	-	C	43	chr2:29919992-29921589
## 11486	chr2	29920362	+	T	207	chr2:29919992-29921589
## 11487	chr2	29920362	-	T	43	chr2:29919992-29921589
## 11488	chr2	29920363	+	G	207	chr2:29919992-29921589
## 11489	chr2	29920363	-	G	43	chr2:29919992-29921589
## 11490	chr2	29920364	+	A	206	chr2:29919992-29921589
## 11491	chr2	29920364	-	A	43	chr2:29919992-29921589
## 11492	chr2	29920365	+	G	208	chr2:29919992-29921589
## 11493	chr2	29920365	-	G	43	chr2:29919992-29921589
## 11494	chr2	29920366	+	C	207	chr2:29919992-29921589
## 11495	chr2	29920366	-	C	43	chr2:29919992-29921589
## 11496	chr2	29920367	+	A	207	chr2:29919992-29921589
## 11497	chr2	29920367	-	A	43	chr2:29919992-29921589
## 11498	chr2	29920368	+	G	206	chr2:29919992-29921589
## 11499	chr2	29920368	-	G	43	chr2:29919992-29921589
## 11500	chr2	29920369	+	C	205	chr2:29919992-29921589
## 11501	chr2	29920369	-	C	43	chr2:29919992-29921589
## 11502	chr2	29920370	+	G	207	chr2:29919992-29921589
## 11503	chr2	29920370	-	G	43	chr2:29919992-29921589
## 11504	chr2	29920371	+	G	205	chr2:29919992-29921589
## 11505	chr2	29920371	-	G	43	chr2:29919992-29921589
## 11506	chr2	29920372	+	G	208	chr2:29919992-29921589
## 11507	chr2	29920372	-	G	41	chr2:29919992-29921589
## 11508	chr2	29920373	+	G	208	chr2:29919992-29921589
## 11509	chr2	29920373	-	G	41	chr2:29919992-29921589
## 11510	chr2	29920374	+	C	207	chr2:29919992-29921589
## 11511	chr2	29920374	-	C	37	chr2:29919992-29921589
## 11512	chr2	29920374	+	T	1	chr2:29919992-29921589
## 11513	chr2	29920375	+	G	194	chr2:29919992-29921589
## 11514	chr2	29920375	-	G	33	chr2:29919992-29921589
## 11515	chr2	29920376	+	C	204	chr2:29919992-29921589
## 11516	chr2	29920376	-	C	33	chr2:29919992-29921589
## 11517	chr2	29920377	+	A	211	chr2:29919992-29921589
## 11518	chr2	29920377	-	A	33	chr2:29919992-29921589
## 11519	chr2	29920378	+	G	209	chr2:29919992-29921589
## 11520	chr2	29920378	-	G	23	chr2:29919992-29921589
## 11521	chr2	29920379	+	T	203	chr2:29919992-29921589
## 11522	chr2	29920379	-	T	18	chr2:29919992-29921589
## 11523	chr2	29920380	+	C	216	chr2:29919992-29921589
## 11524	chr2	29920380	-	C	10	chr2:29919992-29921589

## 11525	chr2 29920381	+	C	226	chr2:29919992-29921589
## 11526	chr2 29920381	-	C	5	chr2:29919992-29921589
## 11527	chr2 29920382	+	A	233	chr2:29919992-29921589
## 11528	chr2 29920382	-	A	5	chr2:29919992-29921589
## 11529	chr2 29920383	+	G	245	chr2:29919992-29921589
## 11530	chr2 29920383	-	G	5	chr2:29919992-29921589
## 11531	chr2 29920384	+	A	244	chr2:29919992-29921589
## 11532	chr2 29920384	-	A	5	chr2:29919992-29921589
## 11533	chr2 29920385	+	G	245	chr2:29919992-29921589
## 11534	chr2 29920385	-	G	5	chr2:29919992-29921589
## 11535	chr2 29920386	+	C	245	chr2:29919992-29921589
## 11536	chr2 29920386	-	C	5	chr2:29919992-29921589
## 11537	chr2 29920387	+	T	245	chr2:29919992-29921589
## 11538	chr2 29920387	-	T	5	chr2:29919992-29921589
## 11539	chr2 29920388	+	A	245	chr2:29919992-29921589
## 11540	chr2 29920388	-	A	5	chr2:29919992-29921589
## 11541	chr2 29920389	+	G	245	chr2:29919992-29921589
## 11542	chr2 29920389	-	G	5	chr2:29919992-29921589
## 11543	chr2 29920390	+	C	245	chr2:29919992-29921589
## 11544	chr2 29920390	-	C	5	chr2:29919992-29921589
## 11545	chr2 29920391	+	G	244	chr2:29919992-29921589
## 11546	chr2 29920391	-	G	5	chr2:29919992-29921589
## 11547	chr2 29920392	+	A	244	chr2:29919992-29921589
## 11548	chr2 29920392	-	A	5	chr2:29919992-29921589
## 11549	chr2 29920393	+	G	245	chr2:29919992-29921589
## 11550	chr2 29920393	-	G	5	chr2:29919992-29921589
## 11551	chr2 29920393	+	T	1	chr2:29919992-29921589
## 11552	chr2 29920394	+	C	246	chr2:29919992-29921589
## 11553	chr2 29920394	-	C	5	chr2:29919992-29921589
## 11554	chr2 29920395	+	C	246	chr2:29919992-29921589
## 11555	chr2 29920395	-	C	5	chr2:29919992-29921589
## 11556	chr2 29920396	+	G	246	chr2:29919992-29921589
## 11557	chr2 29920396	-	G	5	chr2:29919992-29921589
## 11558	chr2 29920397	+	C	246	chr2:29919992-29921589
## 11559	chr2 29920397	-	C	5	chr2:29919992-29921589
## 11560	chr2 29920398	+	G	246	chr2:29919992-29921589
## 11561	chr2 29920398	-	G	5	chr2:29919992-29921589
## 11562	chr2 29920399	+	G	246	chr2:29919992-29921589
## 11563	chr2 29920399	-	G	5	chr2:29919992-29921589
## 11564	chr2 29920400	+	G	246	chr2:29919992-29921589
## 11565	chr2 29920400	-	G	5	chr2:29919992-29921589
## 11566	chr2 29920401	+	C	246	chr2:29919992-29921589
## 11567	chr2 29920401	-	C	5	chr2:29919992-29921589
## 11568	chr2 29920402	+	C	246	chr2:29919992-29921589
## 11569	chr2 29920402	-	C	5	chr2:29919992-29921589
## 11570	chr2 29920403	+	T	246	chr2:29919992-29921589
## 11571	chr2 29920403	-	T	5	chr2:29919992-29921589
## 11572	chr2 29920404	+	C	246	chr2:29919992-29921589
## 11573	chr2 29920404	-	C	5	chr2:29919992-29921589
## 11574	chr2 29920405	+	G	246	chr2:29919992-29921589
## 11575	chr2 29920405	-	G	5	chr2:29919992-29921589
## 11576	chr2 29920406	+	G	246	chr2:29919992-29921589
## 11577	chr2 29920406	-	G	5	chr2:29919992-29921589
## 11578	chr2 29920407	+	G	246	chr2:29919992-29921589

## 11579	chr2 29920407	-	G	5	chr2:29919992-29921589
## 11580	chr2 29920408	+	C	246	chr2:29919992-29921589
## 11581	chr2 29920408	-	C	5	chr2:29919992-29921589
## 11582	chr2 29920409	+	C	246	chr2:29919992-29921589
## 11583	chr2 29920409	-	C	5	chr2:29919992-29921589
## 11584	chr2 29920410	+	T	246	chr2:29919992-29921589
## 11585	chr2 29920410	-	T	5	chr2:29919992-29921589
## 11586	chr2 29920411	+	G	246	chr2:29919992-29921589
## 11587	chr2 29920411	-	G	5	chr2:29919992-29921589
## 11588	chr2 29920412	+	C	246	chr2:29919992-29921589
## 11589	chr2 29920412	-	C	5	chr2:29919992-29921589
## 11590	chr2 29920413	+	C	246	chr2:29919992-29921589
## 11591	chr2 29920413	-	C	5	chr2:29919992-29921589
## 11592	chr2 29920414	+	A	246	chr2:29919992-29921589
## 11593	chr2 29920414	-	A	5	chr2:29919992-29921589
## 11594	chr2 29920415	+	G	246	chr2:29919992-29921589
## 11595	chr2 29920415	-	G	5	chr2:29919992-29921589
## 11596	chr2 29920416	+	C	246	chr2:29919992-29921589
## 11597	chr2 29920416	-	C	5	chr2:29919992-29921589
## 11598	chr2 29920417	+	C	246	chr2:29919992-29921589
## 11599	chr2 29920417	-	C	5	chr2:29919992-29921589
## 11600	chr2 29920418	+	T	246	chr2:29919992-29921589
## 11601	chr2 29920418	-	T	5	chr2:29919992-29921589
## 11602	chr2 29920419	+	T	246	chr2:29919992-29921589
## 11603	chr2 29920419	-	T	5	chr2:29919992-29921589
## 11604	chr2 29920420	+	C	246	chr2:29919992-29921589
## 11605	chr2 29920420	-	C	5	chr2:29919992-29921589
## 11606	chr2 29920421	+	A	244	chr2:29919992-29921589
## 11607	chr2 29920421	-	A	5	chr2:29919992-29921589
## 11608	chr2 29920422	+	G	244	chr2:29919992-29921589
## 11609	chr2 29920422	-	G	5	chr2:29919992-29921589
## 11610	chr2 29920423	+	C	245	chr2:29919992-29921589
## 11611	chr2 29920423	-	C	5	chr2:29919992-29921589
## 11612	chr2 29920424	+	T	245	chr2:29919992-29921589
## 11613	chr2 29920424	-	T	5	chr2:29919992-29921589
## 11614	chr2 29920425	+	C	245	chr2:29919992-29921589
## 11615	chr2 29920425	-	C	5	chr2:29919992-29921589
## 11616	chr2 29920426	+	C	245	chr2:29919992-29921589
## 11617	chr2 29920426	-	C	5	chr2:29919992-29921589
## 11618	chr2 29920427	+	G	245	chr2:29919992-29921589
## 11619	chr2 29920427	-	G	5	chr2:29919992-29921589
## 11620	chr2 29920428	+	A	243	chr2:29919992-29921589
## 11621	chr2 29920428	-	A	5	chr2:29919992-29921589
## 11622	chr2 29920429	+	G	244	chr2:29919992-29921589
## 11623	chr2 29920429	-	G	5	chr2:29919992-29921589
## 11624	chr2 29920429	+	T	1	chr2:29919992-29921589
## 11625	chr2 29920430	+	G	243	chr2:29919992-29921589
## 11626	chr2 29920430	-	G	5	chr2:29919992-29921589
## 11627	chr2 29920430	+	T	1	chr2:29919992-29921589
## 11628	chr2 29920431	+	A	244	chr2:29919992-29921589
## 11629	chr2 29920431	-	A	5	chr2:29919992-29921589
## 11630	chr2 29920432	+	G	245	chr2:29919992-29921589
## 11631	chr2 29920432	-	G	5	chr2:29919992-29921589
## 11632	chr2 29920433	+	G	242	chr2:29919992-29921589

## 11633	chr2 29920433	-	G	5	chr2:29919992-29921589
## 11634	chr2 29920434	+	A	242	chr2:29919992-29921589
## 11635	chr2 29920434	-	A	5	chr2:29919992-29921589
## 11636	chr2 29920435	+	T	244	chr2:29919992-29921589
## 11637	chr2 29920435	-	T	5	chr2:29919992-29921589
## 11638	chr2 29920436	+	G	245	chr2:29919992-29921589
## 11639	chr2 29920436	-	G	5	chr2:29919992-29921589
## 11640	chr2 29920437	+	G	241	chr2:29919992-29921589
## 11641	chr2 29920437	-	G	5	chr2:29919992-29921589
## 11642	chr2 29920437	+	T	2	chr2:29919992-29921589
## 11643	chr2 29920438	+	T	244	chr2:29919992-29921589
## 11644	chr2 29920438	-	T	5	chr2:29919992-29921589
## 11645	chr2 29920439	+	G	245	chr2:29919992-29921589
## 11646	chr2 29920439	-	G	5	chr2:29919992-29921589
## 11647	chr2 29920440	+	G	244	chr2:29919992-29921589
## 11648	chr2 29920440	-	G	5	chr2:29919992-29921589
## 11649	chr2 29920441	+	C	245	chr2:29919992-29921589
## 11650	chr2 29920441	-	C	5	chr2:29919992-29921589
## 11651	chr2 29920442	+	A	244	chr2:29919992-29921589
## 11652	chr2 29920442	-	A	5	chr2:29919992-29921589
## 11653	chr2 29920443	+	G	246	chr2:29919992-29921589
## 11654	chr2 29920443	-	G	5	chr2:29919992-29921589
## 11655	chr2 29920444	+	C	245	chr2:29919992-29921589
## 11656	chr2 29920444	-	C	5	chr2:29919992-29921589
## 11657	chr2 29920445	+	A	243	chr2:29919992-29921589
## 11658	chr2 29920445	-	A	5	chr2:29919992-29921589
## 11659	chr2 29920446	+	G	244	chr2:29919992-29921589
## 11660	chr2 29920446	-	G	5	chr2:29919992-29921589
## 11661	chr2 29920447	+	T	242	chr2:29919992-29921589
## 11662	chr2 29920447	-	T	5	chr2:29919992-29921589
## 11663	chr2 29920448	+	A	245	chr2:29919992-29921589
## 11664	chr2 29920448	-	A	5	chr2:29919992-29921589
## 11665	chr2 29920449	+	G	243	chr2:29919992-29921589
## 11666	chr2 29920449	-	G	5	chr2:29919992-29921589
## 11667	chr2 29920450	+	G	240	chr2:29919992-29921589
## 11668	chr2 29920450	-	G	5	chr2:29919992-29921589
## 11669	chr2 29920451	+	T	226	chr2:29919992-29921589
## 11670	chr2 29920452	+	C	223	chr2:29919992-29921589
## 11671	chr2 29920452	-	C	16	chr2:29919992-29921589
## 11672	chr2 29920453	+	C	225	chr2:29919992-29921589
## 11673	chr2 29920453	-	C	16	chr2:29919992-29921589
## 11674	chr2 29920453	+	T	2	chr2:29919992-29921589
## 11675	chr2 29920454	+	C	217	chr2:29919992-29921589
## 11676	chr2 29920454	-	C	16	chr2:29919992-29921589
## 11677	chr2 29920455	+	G	199	chr2:29919992-29921589
## 11678	chr2 29920455	-	G	22	chr2:29919992-29921589
## 11679	chr2 29920456	+	G	204	chr2:29919992-29921589
## 11680	chr2 29920456	-	G	22	chr2:29919992-29921589
## 11681	chr2 29920457	+	G	209	chr2:29919992-29921589
## 11682	chr2 29920457	-	G	24	chr2:29919992-29921589
## 11683	chr2 29920458	+	C	214	chr2:29919992-29921589
## 11684	chr2 29920458	-	C	24	chr2:29919992-29921589
## 11685	chr2 29920459	+	G	225	chr2:29919992-29921589
## 11686	chr2 29920459	-	G	25	chr2:29919992-29921589

## 11687	chr2 29920460	+	T	224	chr2:29919992-29921589
## 11688	chr2 29920460	-	T	25	chr2:29919992-29921589
## 11689	chr2 29920461	+	A	225	chr2:29919992-29921589
## 11690	chr2 29920461	-	A	25	chr2:29919992-29921589
## 11691	chr2 29920462	+	G	225	chr2:29919992-29921589
## 11692	chr2 29920462	-	G	25	chr2:29919992-29921589
## 11693	chr2 29920463	+	A	224	chr2:29919992-29921589
## 11694	chr2 29920463	-	A	25	chr2:29919992-29921589
## 11695	chr2 29920463	+	C	1	chr2:29919992-29921589
## 11696	chr2 29920464	+	C	225	chr2:29919992-29921589
## 11697	chr2 29920464	-	C	25	chr2:29919992-29921589
## 11698	chr2 29920465	+	A	225	chr2:29919992-29921589
## 11699	chr2 29920465	-	A	25	chr2:29919992-29921589
## 11700	chr2 29920466	+	C	225	chr2:29919992-29921589
## 11701	chr2 29920466	-	C	25	chr2:29919992-29921589
## 11702	chr2 29920467	+	G	224	chr2:29919992-29921589
## 11703	chr2 29920467	-	G	25	chr2:29919992-29921589
## 11704	chr2 29920468	+	G	223	chr2:29919992-29921589
## 11705	chr2 29920468	-	G	26	chr2:29919992-29921589
## 11706	chr2 29920469	+	A	222	chr2:29919992-29921589
## 11707	chr2 29920469	-	A	28	chr2:29919992-29921589
## 11708	chr2 29920470	+	A	222	chr2:29919992-29921589
## 11709	chr2 29920470	-	A	28	chr2:29919992-29921589
## 11710	chr2 29920471	+	G	222	chr2:29919992-29921589
## 11711	chr2 29920471	-	G	28	chr2:29919992-29921589
## 11712	chr2 29920472	+	A	222	chr2:29919992-29921589
## 11713	chr2 29920472	-	A	28	chr2:29919992-29921589
## 11714	chr2 29920473	+	G	221	chr2:29919992-29921589
## 11715	chr2 29920473	-	G	29	chr2:29919992-29921589
## 11716	chr2 29920474	+	C	221	chr2:29919992-29921589
## 11717	chr2 29920474	-	C	29	chr2:29919992-29921589
## 11718	chr2 29920475	+	G	220	chr2:29919992-29921589
## 11719	chr2 29920475	-	G	29	chr2:29919992-29921589
## 11720	chr2 29920475	+	T	1	chr2:29919992-29921589
## 11721	chr2 29920476	+	A	221	chr2:29919992-29921589
## 11722	chr2 29920476	-	A	29	chr2:29919992-29921589
## 11723	chr2 29920477	+	G	221	chr2:29919992-29921589
## 11724	chr2 29920477	-	G	29	chr2:29919992-29921589
## 11725	chr2 29920478	+	G	220	chr2:29919992-29921589
## 11726	chr2 29920478	-	G	30	chr2:29919992-29921589
## 11727	chr2 29920479	+	G	219	chr2:29919992-29921589
## 11728	chr2 29920479	-	G	30	chr2:29919992-29921589
## 11729	chr2 29920479	+	T	1	chr2:29919992-29921589
## 11730	chr2 29920480	+	C	220	chr2:29919992-29921589
## 11731	chr2 29920480	-	C	30	chr2:29919992-29921589
## 11732	chr2 29920481	+	A	220	chr2:29919992-29921589
## 11733	chr2 29920481	-	A	30	chr2:29919992-29921589
## 11734	chr2 29920482	+	C	220	chr2:29919992-29921589
## 11735	chr2 29920482	-	C	30	chr2:29919992-29921589
## 11736	chr2 29920483	+	A	2	chr2:29919992-29921589
## 11737	chr2 29920483	+	C	217	chr2:29919992-29921589
## 11738	chr2 29920483	-	C	30	chr2:29919992-29921589
## 11739	chr2 29920483	+	G	1	chr2:29919992-29921589
## 11740	chr2 29920484	+	A	220	chr2:29919992-29921589

## 11741	chr2 29920484	-	A	30	chr2:29919992-29921589
## 11742	chr2 29920485	+	C	220	chr2:29919992-29921589
## 11743	chr2 29920485	-	C	30	chr2:29919992-29921589
## 11744	chr2 29920486	+	G	220	chr2:29919992-29921589
## 11745	chr2 29920486	-	G	30	chr2:29919992-29921589
## 11746	chr2 29920487	+	A	219	chr2:29919992-29921589
## 11747	chr2 29920487	-	A	30	chr2:29919992-29921589
## 11748	chr2 29920487	+	C	1	chr2:29919992-29921589
## 11749	chr2 29920488	+	A	220	chr2:29919992-29921589
## 11750	chr2 29920488	-	A	30	chr2:29919992-29921589
## 11751	chr2 29920489	+	G	220	chr2:29919992-29921589
## 11752	chr2 29920489	-	G	30	chr2:29919992-29921589
## 11753	chr2 29920490	+	T	220	chr2:29919992-29921589
## 11754	chr2 29920490	-	T	30	chr2:29919992-29921589
## 11755	chr2 29920491	+	C	220	chr2:29919992-29921589
## 11756	chr2 29920491	-	C	30	chr2:29919992-29921589
## 11757	chr2 29920492	+	A	218	chr2:29919992-29921589
## 11758	chr2 29920492	-	A	30	chr2:29919992-29921589
## 11759	chr2 29920492	+	C	1	chr2:29919992-29921589
## 11760	chr2 29920492	+	T	1	chr2:29919992-29921589
## 11761	chr2 29920493	+	A	220	chr2:29919992-29921589
## 11762	chr2 29920493	-	A	30	chr2:29919992-29921589
## 11763	chr2 29920494	+	C	220	chr2:29919992-29921589
## 11764	chr2 29920494	-	C	30	chr2:29919992-29921589
## 11765	chr2 29920495	+	T	218	chr2:29919992-29921589
## 11766	chr2 29920495	-	T	31	chr2:29919992-29921589
## 11767	chr2 29920496	+	G	218	chr2:29919992-29921589
## 11768	chr2 29920496	-	G	31	chr2:29919992-29921589
## 11769	chr2 29920497	+	C	217	chr2:29919992-29921589
## 11770	chr2 29920497	-	C	33	chr2:29919992-29921589
## 11771	chr2 29920498	+	C	216	chr2:29919992-29921589
## 11772	chr2 29920498	-	C	33	chr2:29919992-29921589
## 11773	chr2 29920499	+	A	217	chr2:29919992-29921589
## 11774	chr2 29920499	-	A	33	chr2:29919992-29921589
## 11775	chr2 29920500	+	G	217	chr2:29919992-29921589
## 11776	chr2 29920500	-	G	33	chr2:29919992-29921589
## 11777	chr2 29920501	+	A	216	chr2:29919992-29921589
## 11778	chr2 29920501	-	A	34	chr2:29919992-29921589
## 11779	chr2 29920502	+	C	216	chr2:29919992-29921589
## 11780	chr2 29920502	-	C	34	chr2:29919992-29921589
## 11781	chr2 29920503	+	T	213	chr2:29919992-29921589
## 11782	chr2 29920503	-	T	34	chr2:29919992-29921589
## 11783	chr2 29920504	+	C	214	chr2:29919992-29921589
## 11784	chr2 29920504	-	C	34	chr2:29919992-29921589
## 11785	chr2 29920505	+	T	215	chr2:29919992-29921589
## 11786	chr2 29920505	-	T	35	chr2:29919992-29921589
## 11787	chr2 29920506	+	T	214	chr2:29919992-29921589
## 11788	chr2 29920506	-	T	35	chr2:29919992-29921589
## 11789	chr2 29920507	+	C	214	chr2:29919992-29921589
## 11790	chr2 29920507	-	C	35	chr2:29919992-29921589
## 11791	chr2 29920508	+	C	213	chr2:29919992-29921589
## 11792	chr2 29920508	-	C	37	chr2:29919992-29921589
## 11793	chr2 29920509	+	T	210	chr2:29919992-29921589
## 11794	chr2 29920509	-	T	37	chr2:29919992-29921589

## 11795	chr2 29920510	+	C	208	chr2:29919992-29921589
## 11796	chr2 29920510	-	C	40	chr2:29919992-29921589
## 11797	chr2 29920511	+	T	208	chr2:29919992-29921589
## 11798	chr2 29920511	-	T	41	chr2:29919992-29921589
## 11799	chr2 29920512	+	G	208	chr2:29919992-29921589
## 11800	chr2 29920512	-	G	42	chr2:29919992-29921589
## 11801	chr2 29920513	+	C	206	chr2:29919992-29921589
## 11802	chr2 29920513	-	C	42	chr2:29919992-29921589
## 11803	chr2 29920514	+	A	205	chr2:29919992-29921589
## 11804	chr2 29920514	-	A	44	chr2:29919992-29921589
## 11805	chr2 29920515	+	G	206	chr2:29919992-29921589
## 11806	chr2 29920515	-	G	44	chr2:29919992-29921589
## 11807	chr2 29920516	+	G	204	chr2:29919992-29921589
## 11808	chr2 29920516	-	G	45	chr2:29919992-29921589
## 11809	chr2 29920517	+	C	201	chr2:29919992-29921589
## 11810	chr2 29920517	-	C	47	chr2:29919992-29921589
## 11811	chr2 29920517	+	G	1	chr2:29919992-29921589
## 11812	chr2 29920518	+	G	202	chr2:29919992-29921589
## 11813	chr2 29920518	-	G	47	chr2:29919992-29921589
## 11814	chr2 29920519	+	A	1	chr2:29919992-29921589
## 11815	chr2 29920519	+	C	201	chr2:29919992-29921589
## 11816	chr2 29920519	-	C	48	chr2:29919992-29921589
## 11817	chr2 29920520	+	G	202	chr2:29919992-29921589
## 11818	chr2 29920520	-	G	48	chr2:29919992-29921589
## 11819	chr2 29920521	+	A	200	chr2:29919992-29921589
## 11820	chr2 29920521	-	A	48	chr2:29919992-29921589
## 11821	chr2 29920522	+	G	198	chr2:29919992-29921589
## 11822	chr2 29920522	-	G	51	chr2:29919992-29921589
## 11823	chr2 29920523	+	T	194	chr2:29919992-29921589
## 11824	chr2 29920523	-	T	53	chr2:29919992-29921589
## 11825	chr2 29920524	+	A	193	chr2:29919992-29921589
## 11826	chr2 29920524	-	A	57	chr2:29919992-29921589
## 11827	chr2 29920525	+	G	191	chr2:29919992-29921589
## 11828	chr2 29920525	-	G	57	chr2:29919992-29921589
## 11829	chr2 29920526	+	C	185	chr2:29919992-29921589
## 11830	chr2 29920526	-	C	57	chr2:29919992-29921589
## 11831	chr2 29920527	+	T	176	chr2:29919992-29921589
## 11832	chr2 29920527	-	T	53	chr2:29919992-29921589
## 11833	chr2 29920528	+	G	165	chr2:29919992-29921589
## 11834	chr2 29920528	-	G	70	chr2:29919992-29921589
## 11835	chr2 29920529	+	A	158	chr2:29919992-29921589
## 11836	chr2 29920529	-	A	81	chr2:29919992-29921589
## 11837	chr2 29920530	+	G	150	chr2:29919992-29921589
## 11838	chr2 29920530	-	G	85	chr2:29919992-29921589
## 11839	chr2 29920531	-	G	1	chr2:29919992-29921589
## 11840	chr2 29920531	+	T	119	chr2:29919992-29921589
## 11841	chr2 29920531	-	T	87	chr2:29919992-29921589
## 11842	chr2 29920532	+	G	99	chr2:29919992-29921589
## 11843	chr2 29920532	-	G	98	chr2:29919992-29921589
## 11844	chr2 29920533	+	G	83	chr2:29919992-29921589
## 11845	chr2 29920533	-	G	108	chr2:29919992-29921589
## 11846	chr2 29920534	+	C	72	chr2:29919992-29921589
## 11847	chr2 29920534	-	C	133	chr2:29919992-29921589
## 11848	chr2 29920535	-	C	1	chr2:29919992-29921589

## 11849	chr2 29920535	-	G	1	chr2:29919992-29921589
## 11850	chr2 29920535	+	T	72	chr2:29919992-29921589
## 11851	chr2 29920535	-	T	141	chr2:29919992-29921589
## 11852	chr2 29920536	+	C	72	chr2:29919992-29921589
## 11853	chr2 29920536	-	C	169	chr2:29919992-29921589
## 11854	chr2 29920537	+	C	71	chr2:29919992-29921589
## 11855	chr2 29920537	-	C	171	chr2:29919992-29921589
## 11856	chr2 29920538	+	C	70	chr2:29919992-29921589
## 11857	chr2 29920538	-	C	180	chr2:29919992-29921589
## 11858	chr2 29920539	+	G	69	chr2:29919992-29921589
## 11859	chr2 29920539	-	G	181	chr2:29919992-29921589
## 11860	chr2 29920540	+	G	69	chr2:29919992-29921589
## 11861	chr2 29920540	-	G	181	chr2:29919992-29921589
## 11862	chr2 29920541	+	G	69	chr2:29919992-29921589
## 11863	chr2 29920541	-	G	181	chr2:29919992-29921589
## 11864	chr2 29920542	+	G	68	chr2:29919992-29921589
## 11865	chr2 29920542	-	G	182	chr2:29919992-29921589
## 11866	chr2 29920543	+	C	68	chr2:29919992-29921589
## 11867	chr2 29920543	-	C	181	chr2:29919992-29921589
## 11868	chr2 29920544	-	G	2	chr2:29919992-29921589
## 11869	chr2 29920544	+	T	70	chr2:29919992-29921589
## 11870	chr2 29920544	-	T	177	chr2:29919992-29921589
## 11871	chr2 29920545	+	G	71	chr2:29919992-29921589
## 11872	chr2 29920545	-	G	179	chr2:29919992-29921589
## 11873	chr2 29920546	+	C	71	chr2:29919992-29921589
## 11874	chr2 29920546	-	C	179	chr2:29919992-29921589
## 11875	chr2 29920547	+	A	71	chr2:29919992-29921589
## 11876	chr2 29920547	-	A	179	chr2:29919992-29921589
## 11877	chr2 29920548	+	G	71	chr2:29919992-29921589
## 11878	chr2 29920548	-	G	179	chr2:29919992-29921589
## 11879	chr2 29920549	+	C	71	chr2:29919992-29921589
## 11880	chr2 29920549	-	C	179	chr2:29919992-29921589
## 11881	chr2 29920550	+	G	71	chr2:29919992-29921589
## 11882	chr2 29920550	-	G	179	chr2:29919992-29921589
## 11883	chr2 29920551	+	G	70	chr2:29919992-29921589
## 11884	chr2 29920551	-	G	180	chr2:29919992-29921589
## 11885	chr2 29920552	+	C	69	chr2:29919992-29921589
## 11886	chr2 29920552	-	C	181	chr2:29919992-29921589
## 11887	chr2 29920553	+	G	70	chr2:29919992-29921589
## 11888	chr2 29920553	-	G	179	chr2:29919992-29921589
## 11889	chr2 29920553	-	T	1	chr2:29919992-29921589
## 11890	chr2 29920554	+	G	69	chr2:29919992-29921589
## 11891	chr2 29920554	-	G	180	chr2:29919992-29921589
## 11892	chr2 29920554	-	T	1	chr2:29919992-29921589
## 11893	chr2 29920555	+	C	69	chr2:29919992-29921589
## 11894	chr2 29920555	-	C	181	chr2:29919992-29921589
## 11895	chr2 29920556	+	C	69	chr2:29919992-29921589
## 11896	chr2 29920556	-	C	181	chr2:29919992-29921589
## 11897	chr2 29920557	+	C	69	chr2:29919992-29921589
## 11898	chr2 29920557	-	C	181	chr2:29919992-29921589
## 11899	chr2 29920558	+	C	69	chr2:29919992-29921589
## 11900	chr2 29920558	-	C	181	chr2:29919992-29921589
## 11901	chr2 29920559	+	G	69	chr2:29919992-29921589
## 11902	chr2 29920559	-	G	181	chr2:29919992-29921589

## 11903	chr2 29920560	+	C	69	chr2:29919992-29921589
## 11904	chr2 29920560	-	C	181	chr2:29919992-29921589
## 11905	chr2 29920561	+	A	68	chr2:29919992-29921589
## 11906	chr2 29920561	-	A	182	chr2:29919992-29921589
## 11907	chr2 29920562	+	G	68	chr2:29919992-29921589
## 11908	chr2 29920562	-	G	182	chr2:29919992-29921589
## 11909	chr2 29920563	+	C	68	chr2:29919992-29921589
## 11910	chr2 29920563	-	C	182	chr2:29919992-29921589
## 11911	chr2 29920564	+	T	68	chr2:29919992-29921589
## 11912	chr2 29920564	-	T	182	chr2:29919992-29921589
## 11913	chr2 29920565	+	G	67	chr2:29919992-29921589
## 11914	chr2 29920565	-	G	183	chr2:29919992-29921589
## 11915	chr2 29920566	+	G	66	chr2:29919992-29921589
## 11916	chr2 29920566	-	G	184	chr2:29919992-29921589
## 11917	chr2 29920567	+	G	66	chr2:29919992-29921589
## 11918	chr2 29920567	-	G	184	chr2:29919992-29921589
## 11919	chr2 29920568	+	G	65	chr2:29919992-29921589
## 11920	chr2 29920568	-	G	185	chr2:29919992-29921589
## 11921	chr2 29920569	+	A	64	chr2:29919992-29921589
## 11922	chr2 29920569	-	A	185	chr2:29919992-29921589
## 11923	chr2 29920569	+	G	1	chr2:29919992-29921589
## 11924	chr2 29920570	+	G	65	chr2:29919992-29921589
## 11925	chr2 29920570	-	G	185	chr2:29919992-29921589
## 11926	chr2 29920571	+	C	64	chr2:29919992-29921589
## 11927	chr2 29920571	-	C	185	chr2:29919992-29921589
## 11928	chr2 29920572	+	C	66	chr2:29919992-29921589
## 11929	chr2 29920572	-	C	183	chr2:29919992-29921589
## 11930	chr2 29920573	+	C	65	chr2:29919992-29921589
## 11931	chr2 29920573	-	C	185	chr2:29919992-29921589
## 11932	chr2 29920574	+	G	63	chr2:29919992-29921589
## 11933	chr2 29920574	-	G	186	chr2:29919992-29921589
## 11934	chr2 29920575	+	C	62	chr2:29919992-29921589
## 11935	chr2 29920575	-	C	188	chr2:29919992-29921589
## 11936	chr2 29920576	+	G	63	chr2:29919992-29921589
## 11937	chr2 29920576	-	G	187	chr2:29919992-29921589
## 11938	chr2 29920577	+	C	63	chr2:29919992-29921589
## 11939	chr2 29920577	-	C	186	chr2:29919992-29921589
## 11940	chr2 29920578	+	G	64	chr2:29919992-29921589
## 11941	chr2 29920578	-	G	186	chr2:29919992-29921589
## 11942	chr2 29920579	+	C	61	chr2:29919992-29921589
## 11943	chr2 29920579	-	C	184	chr2:29919992-29921589
## 11944	chr2 29920580	+	T	64	chr2:29919992-29921589
## 11945	chr2 29920580	-	T	183	chr2:29919992-29921589
## 11946	chr2 29920581	+	G	64	chr2:29919992-29921589
## 11947	chr2 29920581	-	G	186	chr2:29919992-29921589
## 11948	chr2 29920582	+	G	63	chr2:29919992-29921589
## 11949	chr2 29920582	-	G	186	chr2:29919992-29921589
## 11950	chr2 29920583	+	C	65	chr2:29919992-29921589
## 11951	chr2 29920583	-	C	184	chr2:29919992-29921589
## 11952	chr2 29920584	+	C	64	chr2:29919992-29921589
## 11953	chr2 29920584	-	C	186	chr2:29919992-29921589
## 11954	chr2 29920585	+	G	64	chr2:29919992-29921589
## 11955	chr2 29920585	-	G	183	chr2:29919992-29921589
## 11956	chr2 29920586	+	G	64	chr2:29919992-29921589

## 11957	chr2 29920586	-	G	184	chr2:29919992-29921589
## 11958	chr2 29920587	+	T	66	chr2:29919992-29921589
## 11959	chr2 29920587	-	T	183	chr2:29919992-29921589
## 11960	chr2 29920588	+	C	65	chr2:29919992-29921589
## 11961	chr2 29920588	-	C	185	chr2:29919992-29921589
## 11962	chr2 29920589	+	C	65	chr2:29919992-29921589
## 11963	chr2 29920589	-	C	183	chr2:29919992-29921589
## 11964	chr2 29920590	+	C	66	chr2:29919992-29921589
## 11965	chr2 29920590	-	C	183	chr2:29919992-29921589
## 11966	chr2 29920591	+	C	66	chr2:29919992-29921589
## 11967	chr2 29920591	-	C	178	chr2:29919992-29921589
## 11968	chr2 29920592	+	A	64	chr2:29919992-29921589
## 11969	chr2 29920592	-	A	180	chr2:29919992-29921589
## 11970	chr2 29920592	+	C	1	chr2:29919992-29921589
## 11971	chr2 29920593	+	T	70	chr2:29919992-29921589
## 11972	chr2 29920593	-	T	179	chr2:29919992-29921589
## 11973	chr2 29920594	+	C	69	chr2:29919992-29921589
## 11974	chr2 29920594	-	C	180	chr2:29919992-29921589
## 11975	chr2 29920595	+	C	70	chr2:29919992-29921589
## 11976	chr2 29920595	-	C	180	chr2:29919992-29921589
## 11977	chr2 29920596	+	C	69	chr2:29919992-29921589
## 11978	chr2 29920596	-	C	180	chr2:29919992-29921589
## 11979	chr2 29920597	+	G	69	chr2:29919992-29921589
## 11980	chr2 29920597	-	G	179	chr2:29919992-29921589
## 11981	chr2 29920598	+	G	72	chr2:29919992-29921589
## 11982	chr2 29920598	-	G	177	chr2:29919992-29921589
## 11983	chr2 29920599	+	A	73	chr2:29919992-29921589
## 11984	chr2 29920599	-	A	173	chr2:29919992-29921589
## 11985	chr2 29920600	+	G	75	chr2:29919992-29921589
## 11986	chr2 29920600	-	G	176	chr2:29919992-29921589
## 11987	chr2 29920601	+	C	76	chr2:29919992-29921589
## 11988	chr2 29920601	-	C	173	chr2:29919992-29921589
## 11989	chr2 29920602	+	C	78	chr2:29919992-29921589
## 11990	chr2 29920602	-	C	160	chr2:29919992-29921589
## 11991	chr2 29920603	+	C	78	chr2:29919992-29921589
## 11992	chr2 29920603	-	C	148	chr2:29919992-29921589
## 11993	chr2 29920604	+	A	79	chr2:29919992-29921589
## 11994	chr2 29920604	-	A	142	chr2:29919992-29921589
## 11995	chr2 29920605	+	C	80	chr2:29919992-29921589
## 11996	chr2 29920605	-	C	136	chr2:29919992-29921589
## 11997	chr2 29920606	+	A	85	chr2:29919992-29921589
## 11998	chr2 29920606	-	A	133	chr2:29919992-29921589
## 11999	chr2 29920607	+	G	86	chr2:29919992-29921589
## 12000	chr2 29920607	-	G	129	chr2:29919992-29921589
## 12001	chr2 29920608	+	C	86	chr2:29919992-29921589
## 12002	chr2 29920608	-	C	119	chr2:29919992-29921589
## 12003	chr2 29920609	+	T	86	chr2:29919992-29921589
## 12004	chr2 29920609	-	T	103	chr2:29919992-29921589
## 12005	chr2 29920610	+	G	88	chr2:29919992-29921589
## 12006	chr2 29920610	-	G	93	chr2:29919992-29921589
## 12007	chr2 29920610	-	T	1	chr2:29919992-29921589
## 12008	chr2 29920611	+	C	86	chr2:29919992-29921589
## 12009	chr2 29920611	-	C	74	chr2:29919992-29921589
## 12010	chr2 29920612	+	C	87	chr2:29919992-29921589

## 12011	chr2 29920612	-	C	77	chr2:29919992-29921589
## 12012	chr2 29920612	-	G	1	chr2:29919992-29921589
## 12013	chr2 29920613	+	G	92	chr2:29919992-29921589
## 12014	chr2 29920613	-	G	70	chr2:29919992-29921589
## 12015	chr2 29920614	+	T	97	chr2:29919992-29921589
## 12016	chr2 29920614	-	T	75	chr2:29919992-29921589
## 12017	chr2 29920615	+	G	97	chr2:29919992-29921589
## 12018	chr2 29920615	-	G	76	chr2:29919992-29921589
## 12019	chr2 29920616	+	G	99	chr2:29919992-29921589
## 12020	chr2 29920616	-	G	78	chr2:29919992-29921589
## 12021	chr2 29920617	+	A	99	chr2:29919992-29921589
## 12022	chr2 29920617	-	A	85	chr2:29919992-29921589
## 12023	chr2 29920618	+	A	97	chr2:29919992-29921589
## 12024	chr2 29920618	-	A	87	chr2:29919992-29921589
## 12025	chr2 29920619	+	A	97	chr2:29919992-29921589
## 12026	chr2 29920619	-	A	87	chr2:29919992-29921589
## 12027	chr2 29920620	+	G	97	chr2:29919992-29921589
## 12028	chr2 29920620	-	G	91	chr2:29919992-29921589
## 12029	chr2 29920621	+	C	98	chr2:29919992-29921589
## 12030	chr2 29920621	-	C	94	chr2:29919992-29921589
## 12031	chr2 29920622	+	A	98	chr2:29919992-29921589
## 12032	chr2 29920622	-	A	96	chr2:29919992-29921589
## 12033	chr2 29920623	+	G	101	chr2:29919992-29921589
## 12034	chr2 29920623	-	G	95	chr2:29919992-29921589
## 12035	chr2 29920624	+	C	102	chr2:29919992-29921589
## 12036	chr2 29920624	-	C	98	chr2:29919992-29921589
## 12037	chr2 29920625	+	A	102	chr2:29919992-29921589
## 12038	chr2 29920625	-	A	100	chr2:29919992-29921589
## 12039	chr2 29920626	+	G	105	chr2:29919992-29921589
## 12040	chr2 29920626	-	G	102	chr2:29919992-29921589
## 12041	chr2 29920627	+	C	106	chr2:29919992-29921589
## 12042	chr2 29920627	-	C	104	chr2:29919992-29921589
## 12043	chr2 29920628	+	G	105	chr2:29919992-29921589
## 12044	chr2 29920628	-	G	112	chr2:29919992-29921589
## 12045	chr2 29920629	-	A	1	chr2:29919992-29921589
## 12046	chr2 29920629	+	G	107	chr2:29919992-29921589
## 12047	chr2 29920629	-	G	112	chr2:29919992-29921589
## 12048	chr2 29920630	+	C	107	chr2:29919992-29921589
## 12049	chr2 29920630	-	C	114	chr2:29919992-29921589
## 12050	chr2 29920631	+	A	111	chr2:29919992-29921589
## 12051	chr2 29920631	-	A	119	chr2:29919992-29921589
## 12052	chr2 29920632	+	G	120	chr2:29919992-29921589
## 12053	chr2 29920632	-	G	119	chr2:29919992-29921589
## 12054	chr2 29920632	-	T	1	chr2:29919992-29921589
## 12055	chr2 29920633	+	C	123	chr2:29919992-29921589
## 12056	chr2 29920633	-	C	122	chr2:29919992-29921589
## 12057	chr2 29920634	+	A	126	chr2:29919992-29921589
## 12058	chr2 29920634	-	A	123	chr2:29919992-29921589
## 12059	chr2 29920635	+	G	127	chr2:29919992-29921589
## 12060	chr2 29920635	-	G	124	chr2:29919992-29921589
## 12061	chr2 29920636	+	C	128	chr2:29919992-29921589
## 12062	chr2 29920636	-	C	123	chr2:29919992-29921589
## 12063	chr2 29920637	+	C	128	chr2:29919992-29921589
## 12064	chr2 29920637	-	C	123	chr2:29919992-29921589

## 12065	chr2 29920638	+	A 126	chr2:29919992-29921589
## 12066	chr2 29920638	-	A 123	chr2:29919992-29921589
## 12067	chr2 29920638	+	C 1	chr2:29919992-29921589
## 12068	chr2 29920639	+	C 128	chr2:29919992-29921589
## 12069	chr2 29920639	-	C 123	chr2:29919992-29921589
## 12070	chr2 29920640	+	A 129	chr2:29919992-29921589
## 12071	chr2 29920640	-	A 122	chr2:29919992-29921589
## 12072	chr2 29920641	+	G 130	chr2:29919992-29921589
## 12073	chr2 29920641	-	G 121	chr2:29919992-29921589
## 12074	chr2 29920642	+	G 130	chr2:29919992-29921589
## 12075	chr2 29920642	-	G 121	chr2:29919992-29921589
## 12076	chr2 29920643	+	A 131	chr2:29919992-29921589
## 12077	chr2 29920643	-	A 120	chr2:29919992-29921589
## 12078	chr2 29920644	+	G 131	chr2:29919992-29921589
## 12079	chr2 29920644	-	G 120	chr2:29919992-29921589
## 12080	chr2 29920645	+	- 1	chr2:29919992-29921589
## 12081	chr2 29920645	+	C 131	chr2:29919992-29921589
## 12082	chr2 29920645	-	C 119	chr2:29919992-29921589
## 12083	chr2 29920646	+	C 132	chr2:29919992-29921589
## 12084	chr2 29920646	-	C 119	chr2:29919992-29921589
## 12085	chr2 29920647	+	C 130	chr2:29919992-29921589
## 12086	chr2 29920647	-	C 119	chr2:29919992-29921589
## 12087	chr2 29920648	+	G 132	chr2:29919992-29921589
## 12088	chr2 29920648	-	G 117	chr2:29919992-29921589
## 12089	chr2 29920649	+	A 133	chr2:29919992-29921589
## 12090	chr2 29920649	-	A 116	chr2:29919992-29921589
## 12091	chr2 29920650	+	T 135	chr2:29919992-29921589
## 12092	chr2 29920650	-	T 114	chr2:29919992-29921589
## 12093	chr2 29920651	+	G 135	chr2:29919992-29921589
## 12094	chr2 29920651	-	G 115	chr2:29919992-29921589
## 12095	chr2 29920652	+	G 135	chr2:29919992-29921589
## 12096	chr2 29920652	-	G 115	chr2:29919992-29921589
## 12097	chr2 29920653	+	C 134	chr2:29919992-29921589
## 12098	chr2 29920653	-	C 115	chr2:29919992-29921589
## 12099	chr2 29920654	+	T 135	chr2:29919992-29921589
## 12100	chr2 29920654	-	T 114	chr2:29919992-29921589
## 12101	chr2 29920655	+	C 131	chr2:29919992-29921589
## 12102	chr2 29920655	-	C 112	chr2:29919992-29921589
## 12103	chr2 29920656	+	C 133	chr2:29919992-29921589
## 12104	chr2 29920656	-	C 112	chr2:29919992-29921589
## 12105	chr2 29920657	+	C 138	chr2:29919992-29921589
## 12106	chr2 29920657	-	C 112	chr2:29919992-29921589
## 12107	chr2 29920658	+	A 137	chr2:29919992-29921589
## 12108	chr2 29920658	-	A 112	chr2:29919992-29921589
## 12109	chr2 29920659	+	T 139	chr2:29919992-29921589
## 12110	chr2 29920659	-	T 110	chr2:29919992-29921589
## 12111	chr2 29920660	+	C 140	chr2:29919992-29921589
## 12112	chr2 29920660	-	C 110	chr2:29919992-29921589
## 12113	chr2 29920661	+	C 139	chr2:29919992-29921589
## 12114	chr2 29920661	-	C 108	chr2:29919992-29921589
## 12115	chr2 29920662	+	C 139	chr2:29919992-29921589
## 12116	chr2 29920662	-	C 109	chr2:29919992-29921589
## 12117	chr2 29920663	+	G 142	chr2:29919992-29921589
## 12118	chr2 29920663	-	G 107	chr2:29919992-29921589

## 12119	chr2 29920664	+	C	143	chr2:29919992-29921589
## 12120	chr2 29920664	-	C	107	chr2:29919992-29921589
## 12121	chr2 29920665	+	C	141	chr2:29919992-29921589
## 12122	chr2 29920665	-	C	107	chr2:29919992-29921589
## 12123	chr2 29920666	+	G	144	chr2:29919992-29921589
## 12124	chr2 29920666	-	G	107	chr2:29919992-29921589
## 12125	chr2 29920667	+	A	1	chr2:29919992-29921589
## 12126	chr2 29920667	+	G	144	chr2:29919992-29921589
## 12127	chr2 29920667	-	G	104	chr2:29919992-29921589
## 12128	chr2 29920668	+	A	142	chr2:29919992-29921589
## 12129	chr2 29920668	-	A	103	chr2:29919992-29921589
## 12130	chr2 29920669	+	G	148	chr2:29919992-29921589
## 12131	chr2 29920669	-	G	102	chr2:29919992-29921589
## 12132	chr2 29920670	+	G	147	chr2:29919992-29921589
## 12133	chr2 29920670	-	G	102	chr2:29919992-29921589
## 12134	chr2 29920671	+	A	148	chr2:29919992-29921589
## 12135	chr2 29920671	-	A	101	chr2:29919992-29921589
## 12136	chr2 29920671	+	T	1	chr2:29919992-29921589
## 12137	chr2 29920672	+	G	150	chr2:29919992-29921589
## 12138	chr2 29920672	-	G	99	chr2:29919992-29921589
## 12139	chr2 29920673	+	G	149	chr2:29919992-29921589
## 12140	chr2 29920673	-	G	99	chr2:29919992-29921589
## 12141	chr2 29920674	+	C	150	chr2:29919992-29921589
## 12142	chr2 29920674	-	C	99	chr2:29919992-29921589
## 12143	chr2 29920675	+	C	150	chr2:29919992-29921589
## 12144	chr2 29920675	-	C	96	chr2:29919992-29921589
## 12145	chr2 29920676	+	G	153	chr2:29919992-29921589
## 12146	chr2 29920676	-	G	97	chr2:29919992-29921589
## 12147	chr2 29920677	+	A	1	chr2:29919992-29921589
## 12148	chr2 29920677	+	T	151	chr2:29919992-29921589
## 12149	chr2 29920677	-	T	97	chr2:29919992-29921589
## 12150	chr2 29920678	+	T	154	chr2:29919992-29921589
## 12151	chr2 29920678	-	T	97	chr2:29919992-29921589
## 12152	chr2 29920679	+	T	151	chr2:29919992-29921589
## 12153	chr2 29920679	-	T	94	chr2:29919992-29921589
## 12154	chr2 29920680	+	A	152	chr2:29919992-29921589
## 12155	chr2 29920680	-	A	93	chr2:29919992-29921589
## 12156	chr2 29920681	+	C	153	chr2:29919992-29921589
## 12157	chr2 29920681	-	C	90	chr2:29919992-29921589
## 12158	chr2 29920682	+	A	155	chr2:29919992-29921589
## 12159	chr2 29920682	-	A	92	chr2:29919992-29921589
## 12160	chr2 29920683	+	C	155	chr2:29919992-29921589
## 12161	chr2 29920683	-	C	92	chr2:29919992-29921589
## 12162	chr2 29920683	+	T	2	chr2:29919992-29921589
## 12163	chr2 29920684	+	T	158	chr2:29919992-29921589
## 12164	chr2 29920684	-	T	82	chr2:29919992-29921589
## 12165	chr2 29920685	+	G	160	chr2:29919992-29921589
## 12166	chr2 29920685	-	G	83	chr2:29919992-29921589
## 12167	chr2 29920686	+	C	162	chr2:29919992-29921589
## 12168	chr2 29920686	-	C	82	chr2:29919992-29921589
## 12169	chr2 29920687	-	G	1	chr2:29919992-29921589
## 12170	chr2 29920687	+	T	164	chr2:29919992-29921589
## 12171	chr2 29920687	-	T	76	chr2:29919992-29921589
## 12172	chr2 29920688	+	C	164	chr2:29919992-29921589

## 12173	chr2 29920688	-	C	80	chr2:29919992-29921589
## 12174	chr2 29920689	+	T	161	chr2:29919992-29921589
## 12175	chr2 29920689	-	T	78	chr2:29919992-29921589
## 12176	chr2 29920690	-	A	1	chr2:29919992-29921589
## 12177	chr2 29920690	+	C	169	chr2:29919992-29921589
## 12178	chr2 29920690	-	C	78	chr2:29919992-29921589
## 12179	chr2 29920691	+	C	168	chr2:29919992-29921589
## 12180	chr2 29920691	-	C	78	chr2:29919992-29921589
## 12181	chr2 29920692	+	G	172	chr2:29919992-29921589
## 12182	chr2 29920692	-	G	70	chr2:29919992-29921589
## 12183	chr2 29920693	+	G	179	chr2:29919992-29921589
## 12184	chr2 29920693	-	G	69	chr2:29919992-29921589
## 12185	chr2 29920694	+	A	1	chr2:29919992-29921589
## 12186	chr2 29920694	+	G	180	chr2:29919992-29921589
## 12187	chr2 29920694	-	G	68	chr2:29919992-29921589
## 12188	chr2 29920695	+	C	182	chr2:29919992-29921589
## 12189	chr2 29920695	-	C	65	chr2:29919992-29921589
## 12190	chr2 29920696	+	C	183	chr2:29919992-29921589
## 12191	chr2 29920696	-	C	62	chr2:29919992-29921589
## 12192	chr2 29920697	+	C	188	chr2:29919992-29921589
## 12193	chr2 29920697	-	C	60	chr2:29919992-29921589
## 12194	chr2 29920698	+	A	188	chr2:29919992-29921589
## 12195	chr2 29920698	-	A	60	chr2:29919992-29921589
## 12196	chr2 29920699	+	G	189	chr2:29919992-29921589
## 12197	chr2 29920699	-	G	57	chr2:29919992-29921589
## 12198	chr2 29920700	+	C	194	chr2:29919992-29921589
## 12199	chr2 29920700	-	C	55	chr2:29919992-29921589
## 12200	chr2 29920701	+	C	193	chr2:29919992-29921589
## 12201	chr2 29920701	-	C	52	chr2:29919992-29921589
## 12202	chr2 29920702	+	T	198	chr2:29919992-29921589
## 12203	chr2 29920702	-	T	49	chr2:29919992-29921589
## 12204	chr2 29920703	+	C	195	chr2:29919992-29921589
## 12205	chr2 29920703	-	C	44	chr2:29919992-29921589
## 12206	chr2 29920703	+	T	4	chr2:29919992-29921589
## 12207	chr2 29920704	+	A	200	chr2:29919992-29921589
## 12208	chr2 29920704	-	A	45	chr2:29919992-29921589
## 12209	chr2 29920704	+	G	1	chr2:29919992-29921589
## 12210	chr2 29920705	+	C	205	chr2:29919992-29921589
## 12211	chr2 29920705	-	C	44	chr2:29919992-29921589
## 12212	chr2 29920706	+	C	202	chr2:29919992-29921589
## 12213	chr2 29920706	-	C	39	chr2:29919992-29921589
## 12214	chr2 29920707	+	C	196	chr2:29919992-29921589
## 12215	chr2 29920707	-	C	44	chr2:29919992-29921589
## 12216	chr2 29920708	+	T	191	chr2:29919992-29921589
## 12217	chr2 29920708	-	T	53	chr2:29919992-29921589
## 12218	chr2 29920709	+	T	193	chr2:29919992-29921589
## 12219	chr2 29920709	-	T	53	chr2:29919992-29921589
## 12220	chr2 29920710	+	C	195	chr2:29919992-29921589
## 12221	chr2 29920710	-	C	54	chr2:29919992-29921589
## 12222	chr2 29920711	+	G	195	chr2:29919992-29921589
## 12223	chr2 29920711	-	G	54	chr2:29919992-29921589
## 12224	chr2 29920711	+	T	1	chr2:29919992-29921589
## 12225	chr2 29920712	+	C	196	chr2:29919992-29921589
## 12226	chr2 29920712	-	C	54	chr2:29919992-29921589

## 12227	chr2 29920713	+	T	196	chr2:29919992-29921589
## 12228	chr2 29920713	-	T	54	chr2:29919992-29921589
## 12229	chr2 29920714	+	C	196	chr2:29919992-29921589
## 12230	chr2 29920714	-	C	54	chr2:29919992-29921589
## 12231	chr2 29920715	+	T	196	chr2:29919992-29921589
## 12232	chr2 29920715	-	T	54	chr2:29919992-29921589
## 12233	chr2 29920716	+	C	196	chr2:29919992-29921589
## 12234	chr2 29920716	-	C	54	chr2:29919992-29921589
## 12235	chr2 29920717	+	C	196	chr2:29919992-29921589
## 12236	chr2 29920717	-	C	54	chr2:29919992-29921589
## 12237	chr2 29920718	+	C	196	chr2:29919992-29921589
## 12238	chr2 29920718	-	C	54	chr2:29919992-29921589
## 12239	chr2 29920719	+	C	196	chr2:29919992-29921589
## 12240	chr2 29920719	-	C	54	chr2:29919992-29921589
## 12241	chr2 29920720	+	G	196	chr2:29919992-29921589
## 12242	chr2 29920720	-	G	54	chr2:29919992-29921589
## 12243	chr2 29920721	+	A	196	chr2:29919992-29921589
## 12244	chr2 29920721	-	A	54	chr2:29919992-29921589
## 12245	chr2 29920722	+	G	197	chr2:29919992-29921589
## 12246	chr2 29920722	-	G	54	chr2:29919992-29921589
## 12247	chr2 29920723	+	A	196	chr2:29919992-29921589
## 12248	chr2 29920723	-	A	54	chr2:29919992-29921589
## 12249	chr2 29920724	+	T	194	chr2:29919992-29921589
## 12250	chr2 29920724	-	T	54	chr2:29919992-29921589
## 12251	chr2 29920725	+	G	196	chr2:29919992-29921589
## 12252	chr2 29920725	-	G	54	chr2:29919992-29921589
## 12253	chr2 29920726	+	G	196	chr2:29919992-29921589
## 12254	chr2 29920726	-	G	53	chr2:29919992-29921589
## 12255	chr2 29920727	+	G	197	chr2:29919992-29921589
## 12256	chr2 29920727	-	G	53	chr2:29919992-29921589
## 12257	chr2 29920728	+	A	197	chr2:29919992-29921589
## 12258	chr2 29920728	-	A	52	chr2:29919992-29921589
## 12259	chr2 29920728	-	C	1	chr2:29919992-29921589
## 12260	chr2 29920729	+	A	196	chr2:29919992-29921589
## 12261	chr2 29920729	-	A	53	chr2:29919992-29921589
## 12262	chr2 29920730	+	G	196	chr2:29919992-29921589
## 12263	chr2 29920730	-	G	53	chr2:29919992-29921589
## 12264	chr2 29920731	+	A	193	chr2:29919992-29921589
## 12265	chr2 29920731	-	A	52	chr2:29919992-29921589
## 12266	chr2 29920732	+	G	191	chr2:29919992-29921589
## 12267	chr2 29920732	-	G	55	chr2:29919992-29921589
## 12268	chr2 29920733	+	G	195	chr2:29919992-29921589
## 12269	chr2 29920733	-	G	55	chr2:29919992-29921589
## 12270	chr2 29920734	+	C	194	chr2:29919992-29921589
## 12271	chr2 29920734	-	C	55	chr2:29919992-29921589
## 12272	chr2 29920735	+	T	193	chr2:29919992-29921589
## 12273	chr2 29920735	-	T	55	chr2:29919992-29921589
## 12274	chr2 29920736	+	C	193	chr2:29919992-29921589
## 12275	chr2 29920736	-	C	58	chr2:29919992-29921589
## 12276	chr2 29920737	+	T	191	chr2:29919992-29921589
## 12277	chr2 29920737	-	T	57	chr2:29919992-29921589
## 12278	chr2 29920738	+	G	189	chr2:29919992-29921589
## 12279	chr2 29920738	-	G	59	chr2:29919992-29921589
## 12280	chr2 29920739	+	A	190	chr2:29919992-29921589

## 12281	chr2 29920739	-	A	59	chr2:29919992-29921589
## 12282	chr2 29920740	+	A	189	chr2:29919992-29921589
## 12283	chr2 29920740	-	A	59	chr2:29919992-29921589
## 12284	chr2 29920740	+	G	1	chr2:29919992-29921589
## 12285	chr2 29920741	+	A	1	chr2:29919992-29921589
## 12286	chr2 29920741	+	C	188	chr2:29919992-29921589
## 12287	chr2 29920741	-	C	60	chr2:29919992-29921589
## 12288	chr2 29920742	+	A	188	chr2:29919992-29921589
## 12289	chr2 29920742	-	A	61	chr2:29919992-29921589
## 12290	chr2 29920743	+	G	187	chr2:29919992-29921589
## 12291	chr2 29920743	-	G	62	chr2:29919992-29921589
## 12292	chr2 29920744	+	G	1	chr2:29919992-29921589
## 12293	chr2 29920744	+	T	180	chr2:29919992-29921589
## 12294	chr2 29920744	-	T	62	chr2:29919992-29921589
## 12295	chr2 29920745	+	C	181	chr2:29919992-29921589
## 12296	chr2 29920745	-	C	66	chr2:29919992-29921589
## 12297	chr2 29920746	+	C	176	chr2:29919992-29921589
## 12298	chr2 29920746	-	C	68	chr2:29919992-29921589
## 12299	chr2 29920747	+	T	175	chr2:29919992-29921589
## 12300	chr2 29920747	-	T	75	chr2:29919992-29921589
## 12301	chr2 29920748	+	T	175	chr2:29919992-29921589
## 12302	chr2 29920748	-	T	75	chr2:29919992-29921589
## 12303	chr2 29920749	+	G	173	chr2:29919992-29921589
## 12304	chr2 29920749	-	G	75	chr2:29919992-29921589
## 12305	chr2 29920750	+	G	175	chr2:29919992-29921589
## 12306	chr2 29920750	-	G	75	chr2:29919992-29921589
## 12307	chr2 29920751	+	T	172	chr2:29919992-29921589
## 12308	chr2 29920751	-	T	74	chr2:29919992-29921589
## 12309	chr2 29920752	+	A	174	chr2:29919992-29921589
## 12310	chr2 29920752	-	A	76	chr2:29919992-29921589
## 12311	chr2 29920753	+	C	172	chr2:29919992-29921589
## 12312	chr2 29920753	-	C	77	chr2:29919992-29921589
## 12313	chr2 29920754	+	C	173	chr2:29919992-29921589
## 12314	chr2 29920754	-	C	77	chr2:29919992-29921589
## 12315	chr2 29920755	+	C	171	chr2:29919992-29921589
## 12316	chr2 29920755	-	C	75	chr2:29919992-29921589
## 12317	chr2 29920755	-	G	1	chr2:29919992-29921589
## 12318	chr2 29920756	+	A	165	chr2:29919992-29921589
## 12319	chr2 29920756	-	A	80	chr2:29919992-29921589
## 12320	chr2 29920757	+	G	160	chr2:29919992-29921589
## 12321	chr2 29920757	-	G	82	chr2:29919992-29921589
## 12322	chr2 29920758	+	A	1	chr2:29919992-29921589
## 12323	chr2 29920758	-	A	1	chr2:29919992-29921589
## 12324	chr2 29920758	+	C	156	chr2:29919992-29921589
## 12325	chr2 29920758	-	C	83	chr2:29919992-29921589
## 12326	chr2 29920759	+	G	155	chr2:29919992-29921589
## 12327	chr2 29920759	-	G	90	chr2:29919992-29921589
## 12328	chr2 29920760	+	G	150	chr2:29919992-29921589
## 12329	chr2 29920760	-	G	90	chr2:29919992-29921589
## 12330	chr2 29920761	+	C	148	chr2:29919992-29921589
## 12331	chr2 29920761	-	C	95	chr2:29919992-29921589
## 12332	chr2 29920762	+	T	145	chr2:29919992-29921589
## 12333	chr2 29920762	-	T	97	chr2:29919992-29921589
## 12334	chr2 29920763	+	C	140	chr2:29919992-29921589

## 12335	chr2 29920763	-	C	104	chr2:29919992-29921589
## 12336	chr2 29920764	+	C	138	chr2:29919992-29921589
## 12337	chr2 29920764	-	C	107	chr2:29919992-29921589
## 12338	chr2 29920765	+	T	130	chr2:29919992-29921589
## 12339	chr2 29920765	-	T	107	chr2:29919992-29921589
## 12340	chr2 29920766	+	T	128	chr2:29919992-29921589
## 12341	chr2 29920766	-	T	113	chr2:29919992-29921589
## 12342	chr2 29920767	+	A	1	chr2:29919992-29921589
## 12343	chr2 29920767	+	C	123	chr2:29919992-29921589
## 12344	chr2 29920767	-	C	122	chr2:29919992-29921589
## 12345	chr2 29920768	+	C	117	chr2:29919992-29921589
## 12346	chr2 29920768	-	C	126	chr2:29919992-29921589
## 12347	chr2 29920769	+	A	112	chr2:29919992-29921589
## 12348	chr2 29920769	-	A	126	chr2:29919992-29921589
## 12349	chr2 29920769	+	C	1	chr2:29919992-29921589
## 12350	chr2 29920770	+	C	112	chr2:29919992-29921589
## 12351	chr2 29920770	-	C	129	chr2:29919992-29921589
## 12352	chr2 29920771	+	C	108	chr2:29919992-29921589
## 12353	chr2 29920771	-	C	130	chr2:29919992-29921589
## 12354	chr2 29920772	+	T	102	chr2:29919992-29921589
## 12355	chr2 29920772	-	T	136	chr2:29919992-29921589
## 12356	chr2 29920773	+	G	99	chr2:29919992-29921589
## 12357	chr2 29920773	-	G	144	chr2:29919992-29921589
## 12358	chr2 29920774	+	A	95	chr2:29919992-29921589
## 12359	chr2 29920774	-	A	152	chr2:29919992-29921589
## 12360	chr2 29920775	+	T	91	chr2:29919992-29921589
## 12361	chr2 29920775	-	T	152	chr2:29919992-29921589
## 12362	chr2 29920776	+	C	89	chr2:29919992-29921589
## 12363	chr2 29920776	-	C	152	chr2:29919992-29921589
## 12364	chr2 29920777	+	T	83	chr2:29919992-29921589
## 12365	chr2 29920777	-	T	154	chr2:29919992-29921589
## 12366	chr2 29920778	+	C	82	chr2:29919992-29921589
## 12367	chr2 29920778	-	C	155	chr2:29919992-29921589
## 12368	chr2 29920778	-	G	1	chr2:29919992-29921589
## 12369	chr2 29920779	-	A	1	chr2:29919992-29921589
## 12370	chr2 29920779	+	C	77	chr2:29919992-29921589
## 12371	chr2 29920779	-	C	154	chr2:29919992-29921589
## 12372	chr2 29920780	+	A	72	chr2:29919992-29921589
## 12373	chr2 29920780	-	A	165	chr2:29919992-29921589
## 12374	chr2 29920781	+	G	70	chr2:29919992-29921589
## 12375	chr2 29920781	-	G	169	chr2:29919992-29921589
## 12376	chr2 29920782	+	A	68	chr2:29919992-29921589
## 12377	chr2 29920782	-	A	174	chr2:29919992-29921589
## 12378	chr2 29920782	-	G	1	chr2:29919992-29921589
## 12379	chr2 29920783	+	G	68	chr2:29919992-29921589
## 12380	chr2 29920783	-	G	170	chr2:29919992-29921589
## 12381	chr2 29920784	+	G	62	chr2:29919992-29921589
## 12382	chr2 29920784	-	G	172	chr2:29919992-29921589
## 12383	chr2 29920785	+	A	59	chr2:29919992-29921589
## 12384	chr2 29920785	-	A	174	chr2:29919992-29921589
## 12385	chr2 29920786	+	C	57	chr2:29919992-29921589
## 12386	chr2 29920786	-	C	174	chr2:29919992-29921589
## 12387	chr2 29920787	+	T	56	chr2:29919992-29921589
## 12388	chr2 29920787	-	T	176	chr2:29919992-29921589

## 12389	chr2	29920788	+	G	55	chr2:29919992-29921589
## 12390	chr2	29920788	-	G	180	chr2:29919992-29921589
## 12391	chr2	29920789	+	T	54	chr2:29919992-29921589
## 12392	chr2	29920789	-	T	181	chr2:29919992-29921589
## 12393	chr2	29920790	+	G	53	chr2:29919992-29921589
## 12394	chr2	29920790	-	G	188	chr2:29919992-29921589
## 12395	chr2	29920791	+	C	52	chr2:29919992-29921589
## 12396	chr2	29920791	-	C	191	chr2:29919992-29921589
## 12397	chr2	29920791	-	T	2	chr2:29919992-29921589
## 12398	chr2	29920792	+	G	51	chr2:29919992-29921589
## 12399	chr2	29920792	-	G	198	chr2:29919992-29921589
## 12400	chr2	29920793	+	T	50	chr2:29919992-29921589
## 12401	chr2	29920793	-	T	199	chr2:29919992-29921589
## 12402	chr2	29920794	-	A	1	chr2:29919992-29921589
## 12403	chr2	29920794	+	G	49	chr2:29919992-29921589
## 12404	chr2	29920794	-	G	199	chr2:29919992-29921589
## 12405	chr2	29920795	+	C	48	chr2:29919992-29921589
## 12406	chr2	29920795	-	C	201	chr2:29919992-29921589
## 12407	chr2	29920796	+	G	47	chr2:29919992-29921589
## 12408	chr2	29920796	-	G	203	chr2:29919992-29921589
## 12409	chr2	29920797	+	C	46	chr2:29919992-29921589
## 12410	chr2	29920797	-	C	204	chr2:29919992-29921589
## 12411	chr2	29920798	+	G	45	chr2:29919992-29921589
## 12412	chr2	29920798	-	G	205	chr2:29919992-29921589
## 12413	chr2	29920799	+	C	45	chr2:29919992-29921589
## 12414	chr2	29920799	-	C	205	chr2:29919992-29921589
## 12415	chr2	29920800	+	A	42	chr2:29919992-29921589
## 12416	chr2	29920800	-	A	206	chr2:29919992-29921589
## 12417	chr2	29920801	+	A	41	chr2:29919992-29921589
## 12418	chr2	29920801	-	A	207	chr2:29919992-29921589
## 12419	chr2	29920802	+	G	39	chr2:29919992-29921589
## 12420	chr2	29920802	-	G	208	chr2:29919992-29921589
## 12421	chr2	29920803	+	T	38	chr2:29919992-29921589
## 12422	chr2	29920803	-	T	212	chr2:29919992-29921589
## 12423	chr2	29920804	+	C	37	chr2:29919992-29921589
## 12424	chr2	29920804	-	C	213	chr2:29919992-29921589
## 12425	chr2	29920805	+	T	35	chr2:29919992-29921589
## 12426	chr2	29920805	-	T	214	chr2:29919992-29921589
## 12427	chr2	29920806	+	C	34	chr2:29919992-29921589
## 12428	chr2	29920806	-	C	215	chr2:29919992-29921589
## 12429	chr2	29920807	-	A	1	chr2:29919992-29921589
## 12430	chr2	29920807	+	T	31	chr2:29919992-29921589
## 12431	chr2	29920807	-	T	211	chr2:29919992-29921589
## 12432	chr2	29920808	+	T	26	chr2:29919992-29921589
## 12433	chr2	29920808	-	T	213	chr2:29919992-29921589
## 12434	chr2	29920809	+	G	25	chr2:29919992-29921589
## 12435	chr2	29920809	-	G	213	chr2:29919992-29921589
## 12436	chr2	29920810	+	C	23	chr2:29919992-29921589
## 12437	chr2	29920810	-	C	218	chr2:29919992-29921589
## 12438	chr2	29920811	+	T	23	chr2:29919992-29921589
## 12439	chr2	29920811	-	T	219	chr2:29919992-29921589
## 12440	chr2	29920812	+	T	22	chr2:29919992-29921589
## 12441	chr2	29920812	-	T	222	chr2:29919992-29921589
## 12442	chr2	29920813	+	T	21	chr2:29919992-29921589

## 12443	chr2 29920813	-	T	226	chr2:29919992-29921589
## 12444	chr2 29920814	+	C	18	chr2:29919992-29921589
## 12445	chr2 29920814	-	C	227	chr2:29919992-29921589
## 12446	chr2 29920815	+	C	16	chr2:29919992-29921589
## 12447	chr2 29920815	-	C	227	chr2:29919992-29921589
## 12448	chr2 29920816	+	C	15	chr2:29919992-29921589
## 12449	chr2 29920816	-	C	230	chr2:29919992-29921589
## 12450	chr2 29920817	+	C	14	chr2:29919992-29921589
## 12451	chr2 29920817	-	C	230	chr2:29919992-29921589
## 12452	chr2 29920818	+	C	14	chr2:29919992-29921589
## 12453	chr2 29920818	-	C	231	chr2:29919992-29921589
## 12454	chr2 29920819	+	A	14	chr2:29919992-29921589
## 12455	chr2 29920819	-	A	233	chr2:29919992-29921589
## 12456	chr2 29920820	+	A	12	chr2:29919992-29921589
## 12457	chr2 29920820	-	A	232	chr2:29919992-29921589
## 12458	chr2 29920821	-	A	1	chr2:29919992-29921589
## 12459	chr2 29920821	+	C	12	chr2:29919992-29921589
## 12460	chr2 29920821	-	C	233	chr2:29919992-29921589
## 12461	chr2 29920822	+	T	12	chr2:29919992-29921589
## 12462	chr2 29920822	-	T	228	chr2:29919992-29921589
## 12463	chr2 29920823	+	G	11	chr2:29919992-29921589
## 12464	chr2 29920823	-	G	233	chr2:29919992-29921589
## 12465	chr2 29920824	+	C	10	chr2:29919992-29921589
## 12466	chr2 29920824	-	C	233	chr2:29919992-29921589
## 12467	chr2 29920825	+	A	7	chr2:29919992-29921589
## 12468	chr2 29920825	-	A	236	chr2:29919992-29921589
## 12469	chr2 29920825	-	C	1	chr2:29919992-29921589
## 12470	chr2 29920826	+	C	6	chr2:29919992-29921589
## 12471	chr2 29920826	-	C	237	chr2:29919992-29921589
## 12472	chr2 29920827	+	G	3	chr2:29919992-29921589
## 12473	chr2 29920827	-	G	236	chr2:29919992-29921589
## 12474	chr2 29920828	+	G	3	chr2:29919992-29921589
## 12475	chr2 29920828	-	G	237	chr2:29919992-29921589
## 12476	chr2 29920829	+	A	1	chr2:29919992-29921589
## 12477	chr2 29920829	-	A	237	chr2:29919992-29921589
## 12478	chr2 29920829	-	T	1	chr2:29919992-29921589
## 12479	chr2 29920830	-	C	1	chr2:29919992-29921589
## 12480	chr2 29920830	+	G	1	chr2:29919992-29921589
## 12481	chr2 29920830	-	G	237	chr2:29919992-29921589
## 12482	chr2 29920831	+	G	1	chr2:29919992-29921589
## 12483	chr2 29920831	-	G	234	chr2:29919992-29921589
## 12484	chr2 29920832	+	C	1	chr2:29919992-29921589
## 12485	chr2 29920832	-	C	229	chr2:29919992-29921589
## 12486	chr2 29920833	+	G	1	chr2:29919992-29921589
## 12487	chr2 29920833	-	G	228	chr2:29919992-29921589
## 12488	chr2 29920834	+	A	1	chr2:29919992-29921589
## 12489	chr2 29920834	-	A	223	chr2:29919992-29921589
## 12490	chr2 29920835	-	A	1	chr2:29919992-29921589
## 12491	chr2 29920835	+	G	1	chr2:29919992-29921589
## 12492	chr2 29920835	-	G	221	chr2:29919992-29921589
## 12493	chr2 29920836	+	C	1	chr2:29919992-29921589
## 12494	chr2 29920836	-	C	218	chr2:29919992-29921589
## 12495	chr2 29920837	+	A	1	chr2:29919992-29921589
## 12496	chr2 29920837	-	A	212	chr2:29919992-29921589

## 12497	chr2 29920838	+	G	1	chr2:29919992-29921589
## 12498	chr2 29920838	-	G	209	chr2:29919992-29921589
## 12499	chr2 29920839	+	G	1	chr2:29919992-29921589
## 12500	chr2 29920839	-	G	203	chr2:29919992-29921589
## 12501	chr2 29920840	+	A	1	chr2:29919992-29921589
## 12502	chr2 29920840	-	A	201	chr2:29919992-29921589
## 12503	chr2 29920841	+	G	1	chr2:29919992-29921589
## 12504	chr2 29920841	-	G	194	chr2:29919992-29921589
## 12505	chr2 29920842	+	T	1	chr2:29919992-29921589
## 12506	chr2 29920842	-	T	186	chr2:29919992-29921589
## 12507	chr2 29920843	+	C	1	chr2:29919992-29921589
## 12508	chr2 29920843	-	C	182	chr2:29919992-29921589
## 12509	chr2 29920844	+	T	1	chr2:29919992-29921589
## 12510	chr2 29920844	-	T	182	chr2:29919992-29921589
## 12511	chr2 29920845	+	A	1	chr2:29919992-29921589
## 12512	chr2 29920845	-	A	181	chr2:29919992-29921589
## 12513	chr2 29920846	+	A	1	chr2:29919992-29921589
## 12514	chr2 29920846	-	A	181	chr2:29919992-29921589
## 12515	chr2 29920847	+	A	1	chr2:29919992-29921589
## 12516	chr2 29920847	-	A	175	chr2:29919992-29921589
## 12517	chr2 29920848	+	T	1	chr2:29919992-29921589
## 12518	chr2 29920848	-	T	168	chr2:29919992-29921589
## 12519	chr2 29920849	+	G	1	chr2:29919992-29921589
## 12520	chr2 29920849	-	G	161	chr2:29919992-29921589
## 12521	chr2 29920850	+	A	1	chr2:29919992-29921589
## 12522	chr2 29920850	-	A	163	chr2:29919992-29921589
## 12523	chr2 29920851	+	A	1	chr2:29919992-29921589
## 12524	chr2 29920851	-	A	164	chr2:29919992-29921589
## 12525	chr2 29920852	+	A	1	chr2:29919992-29921589
## 12526	chr2 29920852	-	A	164	chr2:29919992-29921589
## 12527	chr2 29920853	+	C	1	chr2:29919992-29921589
## 12528	chr2 29920853	-	C	160	chr2:29919992-29921589
## 12529	chr2 29920854	+	A	1	chr2:29919992-29921589
## 12530	chr2 29920854	-	A	160	chr2:29919992-29921589
## 12531	chr2 29920855	+	G	1	chr2:29919992-29921589
## 12532	chr2 29920855	-	G	149	chr2:29919992-29921589
## 12533	chr2 29920856	+	A	1	chr2:29919992-29921589
## 12534	chr2 29920856	-	A	148	chr2:29919992-29921589
## 12535	chr2 29920857	+	C	1	chr2:29919992-29921589
## 12536	chr2 29920857	-	C	137	chr2:29919992-29921589
## 12537	chr2 29920858	+	C	1	chr2:29919992-29921589
## 12538	chr2 29920858	-	C	134	chr2:29919992-29921589
## 12539	chr2 29920859	+	T	1	chr2:29919992-29921589
## 12540	chr2 29920859	-	T	133	chr2:29919992-29921589
## 12541	chr2 29920860	+	G	1	chr2:29919992-29921589
## 12542	chr2 29920860	-	G	133	chr2:29919992-29921589
## 12543	chr2 29920861	+	G	1	chr2:29919992-29921589
## 12544	chr2 29920861	-	G	133	chr2:29919992-29921589
## 12545	chr2 29920862	+	A	1	chr2:29919992-29921589
## 12546	chr2 29920862	-	A	131	chr2:29919992-29921589
## 12547	chr2 29920863	+	A	1	chr2:29919992-29921589
## 12548	chr2 29920863	-	A	129	chr2:29919992-29921589
## 12549	chr2 29920864	+	G	1	chr2:29919992-29921589
## 12550	chr2 29920864	-	G	129	chr2:29919992-29921589

## 12551	chr2 29920865	+	C	1	chr2:29919992-29921589
## 12552	chr2 29920865	-	C	122	chr2:29919992-29921589
## 12553	chr2 29920866	+	T	1	chr2:29919992-29921589
## 12554	chr2 29920866	-	T	117	chr2:29919992-29921589
## 12555	chr2 29920867	+	C	1	chr2:29919992-29921589
## 12556	chr2 29920867	-	C	112	chr2:29919992-29921589
## 12557	chr2 29920868	+	A	1	chr2:29919992-29921589
## 12558	chr2 29920868	-	A	111	chr2:29919992-29921589
## 12559	chr2 29920869	+	G	1	chr2:29919992-29921589
## 12560	chr2 29920869	-	G	110	chr2:29919992-29921589
## 12561	chr2 29920870	+	G	1	chr2:29919992-29921589
## 12562	chr2 29920870	-	G	109	chr2:29919992-29921589
## 12563	chr2 29920871	+	G	2	chr2:29919992-29921589
## 12564	chr2 29920871	-	G	107	chr2:29919992-29921589
## 12565	chr2 29920871	-	T	1	chr2:29919992-29921589
## 12566	chr2 29920872	+	G	2	chr2:29919992-29921589
## 12567	chr2 29920872	-	G	109	chr2:29919992-29921589
## 12568	chr2 29920873	+	C	2	chr2:29919992-29921589
## 12569	chr2 29920873	-	C	108	chr2:29919992-29921589
## 12570	chr2 29920874	-	A	1	chr2:29919992-29921589
## 12571	chr2 29920874	+	G	1	chr2:29919992-29921589
## 12572	chr2 29920874	-	G	105	chr2:29919992-29921589
## 12573	chr2 29920875	+	A	1	chr2:29919992-29921589
## 12574	chr2 29920875	-	A	105	chr2:29919992-29921589
## 12575	chr2 29920876	+	G	1	chr2:29919992-29921589
## 12576	chr2 29920876	-	G	104	chr2:29919992-29921589
## 12577	chr2 29920877	+	T	1	chr2:29919992-29921589
## 12578	chr2 29920877	-	T	103	chr2:29919992-29921589
## 12579	chr2 29920878	+	C	1	chr2:29919992-29921589
## 12580	chr2 29920878	-	C	99	chr2:29919992-29921589
## 12581	chr2 29920879	+	C	1	chr2:29919992-29921589
## 12582	chr2 29920879	-	C	98	chr2:29919992-29921589
## 12583	chr2 29920880	+	A	1	chr2:29919992-29921589
## 12584	chr2 29920880	-	A	97	chr2:29919992-29921589
## 12585	chr2 29920881	+	G	1	chr2:29919992-29921589
## 12586	chr2 29920881	-	G	95	chr2:29919992-29921589
## 12587	chr2 29920882	+	A	1	chr2:29919992-29921589
## 12588	chr2 29920882	-	A	95	chr2:29919992-29921589
## 12589	chr2 29920883	+	G	2	chr2:29919992-29921589
## 12590	chr2 29920883	-	G	93	chr2:29919992-29921589
## 12591	chr2 29920883	-	T	1	chr2:29919992-29921589
## 12592	chr2 29920884	+	A	2	chr2:29919992-29921589
## 12593	chr2 29920884	-	A	94	chr2:29919992-29921589
## 12594	chr2 29920885	+	C	2	chr2:29919992-29921589
## 12595	chr2 29920885	-	C	89	chr2:29919992-29921589
## 12596	chr2 29920886	+	A	2	chr2:29919992-29921589
## 12597	chr2 29920886	-	A	85	chr2:29919992-29921589
## 12598	chr2 29920887	+	C	2	chr2:29919992-29921589
## 12599	chr2 29920887	-	C	82	chr2:29919992-29921589
## 12600	chr2 29920888	+	T	2	chr2:29919992-29921589
## 12601	chr2 29920888	-	T	76	chr2:29919992-29921589
## 12602	chr2 29920889	+	C	2	chr2:29919992-29921589
## 12603	chr2 29920889	-	C	77	chr2:29919992-29921589
## 12604	chr2 29920890	+	A	2	chr2:29919992-29921589

## 12605	chr2 29920890	-	A	77	chr2:29919992-29921589
## 12606	chr2 29920891	+	A	2	chr2:29919992-29921589
## 12607	chr2 29920891	-	A	73	chr2:29919992-29921589
## 12608	chr2 29920892	+	G	2	chr2:29919992-29921589
## 12609	chr2 29920892	-	G	72	chr2:29919992-29921589
## 12610	chr2 29920893	+	C	2	chr2:29919992-29921589
## 12611	chr2 29920893	-	C	70	chr2:29919992-29921589
## 12612	chr2 29920894	+	A	2	chr2:29919992-29921589
## 12613	chr2 29920894	-	A	67	chr2:29919992-29921589
## 12614	chr2 29920895	+	C	2	chr2:29919992-29921589
## 12615	chr2 29920895	-	C	65	chr2:29919992-29921589
## 12616	chr2 29920896	+	A	2	chr2:29919992-29921589
## 12617	chr2 29920896	-	A	62	chr2:29919992-29921589
## 12618	chr2 29920897	+	C	2	chr2:29919992-29921589
## 12619	chr2 29920897	-	C	63	chr2:29919992-29921589
## 12620	chr2 29920898	+	T	2	chr2:29919992-29921589
## 12621	chr2 29920898	-	T	57	chr2:29919992-29921589
## 12622	chr2 29920899	+	G	2	chr2:29919992-29921589
## 12623	chr2 29920899	-	G	59	chr2:29919992-29921589
## 12624	chr2 29920900	+	G	2	chr2:29919992-29921589
## 12625	chr2 29920900	-	G	57	chr2:29919992-29921589
## 12626	chr2 29920901	+	G	2	chr2:29919992-29921589
## 12627	chr2 29920901	-	G	57	chr2:29919992-29921589
## 12628	chr2 29920902	+	C	2	chr2:29919992-29921589
## 12629	chr2 29920902	-	C	55	chr2:29919992-29921589
## 12630	chr2 29920903	+	T	2	chr2:29919992-29921589
## 12631	chr2 29920903	-	T	53	chr2:29919992-29921589
## 12632	chr2 29920904	+	C	2	chr2:29919992-29921589
## 12633	chr2 29920904	-	C	52	chr2:29919992-29921589
## 12634	chr2 29920905	+	A	2	chr2:29919992-29921589
## 12635	chr2 29920905	-	A	51	chr2:29919992-29921589
## 12636	chr2 29920906	+	C	2	chr2:29919992-29921589
## 12637	chr2 29920906	-	C	51	chr2:29919992-29921589
## 12638	chr2 29920907	+	T	2	chr2:29919992-29921589
## 12639	chr2 29920907	-	T	50	chr2:29919992-29921589
## 12640	chr2 29920908	+	G	2	chr2:29919992-29921589
## 12641	chr2 29920908	-	G	49	chr2:29919992-29921589
## 12642	chr2 29920909	+	G	2	chr2:29919992-29921589
## 12643	chr2 29920909	-	G	48	chr2:29919992-29921589
## 12644	chr2 29920910	+	C	2	chr2:29919992-29921589
## 12645	chr2 29920910	-	C	48	chr2:29919992-29921589
## 12646	chr2 29920911	+	T	2	chr2:29919992-29921589
## 12647	chr2 29920911	-	T	43	chr2:29919992-29921589
## 12648	chr2 29920912	+	G	2	chr2:29919992-29921589
## 12649	chr2 29920912	-	G	42	chr2:29919992-29921589
## 12650	chr2 29920913	+	G	2	chr2:29919992-29921589
## 12651	chr2 29920913	-	G	39	chr2:29919992-29921589
## 12652	chr2 29920914	+	G	2	chr2:29919992-29921589
## 12653	chr2 29920914	-	G	38	chr2:29919992-29921589
## 12654	chr2 29920915	+	A	2	chr2:29919992-29921589
## 12655	chr2 29920915	-	A	38	chr2:29919992-29921589
## 12656	chr2 29920916	+	C	2	chr2:29919992-29921589
## 12657	chr2 29920916	-	C	37	chr2:29919992-29921589
## 12658	chr2 29920916	-	T	1	chr2:29919992-29921589

## 12659	chr2	29920917	+	C	2	chr2:29919992-29921589
## 12660	chr2	29920917	-	C	36	chr2:29919992-29921589
## 12661	chr2	29920918	+	T	2	chr2:29919992-29921589
## 12662	chr2	29920918	-	T	35	chr2:29919992-29921589
## 12663	chr2	29920919	+	T	2	chr2:29919992-29921589
## 12664	chr2	29920919	-	T	35	chr2:29919992-29921589
## 12665	chr2	29920920	+	G	2	chr2:29919992-29921589
## 12666	chr2	29920920	-	G	36	chr2:29919992-29921589
## 12667	chr2	29920921	+	A	2	chr2:29919992-29921589
## 12668	chr2	29920921	-	A	35	chr2:29919992-29921589
## 12669	chr2	29920922	+	G	2	chr2:29919992-29921589
## 12670	chr2	29920922	-	G	35	chr2:29919992-29921589
## 12671	chr2	29920923	+	C	2	chr2:29919992-29921589
## 12672	chr2	29920923	-	C	35	chr2:29919992-29921589
## 12673	chr2	29920924	+	C	2	chr2:29919992-29921589
## 12674	chr2	29920924	-	C	34	chr2:29919992-29921589
## 12675	chr2	29920925	+	T	2	chr2:29919992-29921589
## 12676	chr2	29920925	-	T	32	chr2:29919992-29921589
## 12677	chr2	29920926	+	C	2	chr2:29919992-29921589
## 12678	chr2	29920926	-	C	30	chr2:29919992-29921589
## 12679	chr2	29920927	+	C	2	chr2:29919992-29921589
## 12680	chr2	29920927	-	C	28	chr2:29919992-29921589
## 12681	chr2	29920928	+	C	2	chr2:29919992-29921589
## 12682	chr2	29920928	-	C	26	chr2:29919992-29921589
## 12683	chr2	29920929	+	G	2	chr2:29919992-29921589
## 12684	chr2	29920929	-	G	26	chr2:29919992-29921589
## 12685	chr2	29920930	+	C	2	chr2:29919992-29921589
## 12686	chr2	29920930	-	C	26	chr2:29919992-29921589
## 12687	chr2	29920931	+	T	2	chr2:29919992-29921589
## 12688	chr2	29920931	-	T	24	chr2:29919992-29921589
## 12689	chr2	29920932	+	C	2	chr2:29919992-29921589
## 12690	chr2	29920932	-	C	24	chr2:29919992-29921589
## 12691	chr2	29920933	+	T	2	chr2:29919992-29921589
## 12692	chr2	29920933	-	T	21	chr2:29919992-29921589
## 12693	chr2	29920934	+	C	2	chr2:29919992-29921589
## 12694	chr2	29920934	-	C	19	chr2:29919992-29921589
## 12695	chr2	29920935	+	C	2	chr2:29919992-29921589
## 12696	chr2	29920935	-	C	15	chr2:29919992-29921589
## 12697	chr2	29920936	+	G	2	chr2:29919992-29921589
## 12698	chr2	29920936	-	G	15	chr2:29919992-29921589
## 12699	chr2	29920937	+	C	2	chr2:29919992-29921589
## 12700	chr2	29920937	-	C	15	chr2:29919992-29921589
## 12701	chr2	29920938	+	G	2	chr2:29919992-29921589
## 12702	chr2	29920938	-	G	15	chr2:29919992-29921589
## 12703	chr2	29920939	+	C	2	chr2:29919992-29921589
## 12704	chr2	29920939	-	C	15	chr2:29919992-29921589
## 12705	chr2	29920940	+	C	2	chr2:29919992-29921589
## 12706	chr2	29920940	-	C	15	chr2:29919992-29921589
## 12707	chr2	29920941	+	G	2	chr2:29919992-29921589
## 12708	chr2	29920941	-	G	15	chr2:29919992-29921589
## 12709	chr2	29920942	+	A	2	chr2:29919992-29921589
## 12710	chr2	29920942	-	A	15	chr2:29919992-29921589
## 12711	chr2	29920943	+	G	2	chr2:29919992-29921589
## 12712	chr2	29920943	-	G	15	chr2:29919992-29921589

## 12713	chr2 29920944	+	T	2	chr2:29919992-29921589
## 12714	chr2 29920944	-	T	16	chr2:29919992-29921589
## 12715	chr2 29920945	+	G	2	chr2:29919992-29921589
## 12716	chr2 29920945	-	G	16	chr2:29919992-29921589
## 12717	chr2 29920946	+	C	1	chr2:29919992-29921589
## 12718	chr2 29920946	-	C	15	chr2:29919992-29921589
## 12719	chr2 29920947	+	C	1	chr2:29919992-29921589
## 12720	chr2 29920947	-	C	13	chr2:29919992-29921589
## 12721	chr2 29920948	+	G	1	chr2:29919992-29921589
## 12722	chr2 29920948	-	G	13	chr2:29919992-29921589
## 12723	chr2 29920949	+	C	1	chr2:29919992-29921589
## 12724	chr2 29920949	-	C	13	chr2:29919992-29921589
## 12725	chr2 29920950	+	G	1	chr2:29919992-29921589
## 12726	chr2 29920950	-	G	13	chr2:29919992-29921589
## 12727	chr2 29920951	+	C	1	chr2:29919992-29921589
## 12728	chr2 29920951	-	C	13	chr2:29919992-29921589
## 12729	chr2 29920952	+	C	1	chr2:29919992-29921589
## 12730	chr2 29920952	-	C	13	chr2:29919992-29921589
## 12731	chr2 29920953	+	C	1	chr2:29919992-29921589
## 12732	chr2 29920953	-	C	16	chr2:29919992-29921589
## 12733	chr2 29920954	+	C	1	chr2:29919992-29921589
## 12734	chr2 29920954	-	C	16	chr2:29919992-29921589
## 12735	chr2 29920955	+	C	1	chr2:29919992-29921589
## 12736	chr2 29920955	-	C	16	chr2:29919992-29921589
## 12737	chr2 29920956	+	G	1	chr2:29919992-29921589
## 12738	chr2 29920956	-	G	16	chr2:29919992-29921589
## 12739	chr2 29920957	-	G	1	chr2:29919992-29921589
## 12740	chr2 29920957	+	T	1	chr2:29919992-29921589
## 12741	chr2 29920957	-	T	15	chr2:29919992-29921589
## 12742	chr2 29920958	-	C	16	chr2:29919992-29921589
## 12743	chr2 29920959	-	T	16	chr2:29919992-29921589
## 12744	chr2 29920960	-	G	16	chr2:29919992-29921589
## 12745	chr2 29920961	-	T	16	chr2:29919992-29921589
## 12746	chr2 29920962	-	A	15	chr2:29919992-29921589
## 12747	chr2 29920962	-	G	1	chr2:29919992-29921589
## 12748	chr2 29920963	-	G	16	chr2:29919992-29921589
## 12749	chr2 29920964	-	C	14	chr2:29919992-29921589
## 12750	chr2 29920965	-	T	14	chr2:29919992-29921589
## 12751	chr2 29920966	-	C	13	chr2:29919992-29921589
## 12752	chr2 29920967	-	G	13	chr2:29919992-29921589
## 12753	chr2 29920968	-	C	13	chr2:29919992-29921589
## 12754	chr2 29920969	-	T	13	chr2:29919992-29921589
## 12755	chr2 29920970	-	G	13	chr2:29919992-29921589
## 12756	chr2 29920971	-	C	13	chr2:29919992-29921589
## 12757	chr2 29920972	-	G	12	chr2:29919992-29921589
## 12758	chr2 29920973	-	C	12	chr2:29919992-29921589
## 12759	chr2 29920974	-	T	10	chr2:29919992-29921589
## 12760	chr2 29920975	-	C	8	chr2:29919992-29921589
## 12761	chr2 29920976	-	G	8	chr2:29919992-29921589
## 12762	chr2 29920977	-	G	8	chr2:29919992-29921589
## 12763	chr2 29920978	-	T	8	chr2:29919992-29921589
## 12764	chr2 29920979	-	A	8	chr2:29919992-29921589
## 12765	chr2 29920980	-	C	8	chr2:29919992-29921589
## 12766	chr2 29920981	-	A	8	chr2:29919992-29921589

## 12767	chr2 29920982	-	G	8	chr2:29919992-29921589
## 12768	chr2 29920983	-	A	8	chr2:29919992-29921589
## 12769	chr2 29920984	-	G	8	chr2:29919992-29921589
## 12770	chr2 29920985	-	G	8	chr2:29919992-29921589
## 12771	chr2 29920986	-	A	8	chr2:29919992-29921589
## 12772	chr2 29920987	-	A	8	chr2:29919992-29921589
## 12773	chr2 29920988	-	C	8	chr2:29919992-29921589
## 12774	chr2 29920989	-	T	8	chr2:29919992-29921589
## 12775	chr2 29920990	-	A	8	chr2:29919992-29921589
## 12776	chr2 29920991	-	C	8	chr2:29919992-29921589
## 12777	chr2 29920992	-	T	8	chr2:29919992-29921589
## 12778	chr2 29920993	-	A	13	chr2:29919992-29921589
## 12779	chr2 29920994	-	T	13	chr2:29919992-29921589
## 12780	chr2 29920995	-	G	12	chr2:29919992-29921589
## 12781	chr2 29920996	-	G	12	chr2:29919992-29921589
## 12782	chr2 29920997	-	T	12	chr2:29919992-29921589
## 12783	chr2 29920998	-	T	12	chr2:29919992-29921589
## 12784	chr2 29920999	-	G	12	chr2:29919992-29921589
## 12785	chr2 29921000	+	A	2	chr2:29919992-29921589
## 12786	chr2 29921000	-	A	12	chr2:29919992-29921589
## 12787	chr2 29921001	+	A	2	chr2:29919992-29921589
## 12788	chr2 29921001	-	A	12	chr2:29919992-29921589
## 12789	chr2 29921002	+	G	2	chr2:29919992-29921589
## 12790	chr2 29921002	-	G	12	chr2:29919992-29921589
## 12791	chr2 29921003	+	G	2	chr2:29919992-29921589
## 12792	chr2 29921003	-	G	12	chr2:29919992-29921589
## 12793	chr2 29921004	+	G	2	chr2:29919992-29921589
## 12794	chr2 29921004	-	G	12	chr2:29919992-29921589
## 12795	chr2 29921005	+	A	2	chr2:29919992-29921589
## 12796	chr2 29921005	-	A	12	chr2:29919992-29921589
## 12797	chr2 29921006	-	A	1	chr2:29919992-29921589
## 12798	chr2 29921006	+	G	2	chr2:29919992-29921589
## 12799	chr2 29921006	-	G	11	chr2:29919992-29921589
## 12800	chr2 29921007	+	G	2	chr2:29919992-29921589
## 12801	chr2 29921007	-	G	12	chr2:29919992-29921589
## 12802	chr2 29921008	+	T	2	chr2:29919992-29921589
## 12803	chr2 29921008	-	T	12	chr2:29919992-29921589
## 12804	chr2 29921009	+	G	2	chr2:29919992-29921589
## 12805	chr2 29921009	-	G	12	chr2:29919992-29921589
## 12806	chr2 29921010	+	G	2	chr2:29919992-29921589
## 12807	chr2 29921010	-	G	12	chr2:29919992-29921589
## 12808	chr2 29921011	+	C	2	chr2:29919992-29921589
## 12809	chr2 29921011	-	C	12	chr2:29919992-29921589
## 12810	chr2 29921012	+	A	2	chr2:29919992-29921589
## 12811	chr2 29921012	-	A	12	chr2:29919992-29921589
## 12812	chr2 29921013	+	G	2	chr2:29919992-29921589
## 12813	chr2 29921013	-	G	11	chr2:29919992-29921589
## 12814	chr2 29921014	+	T	2	chr2:29919992-29921589
## 12815	chr2 29921014	-	T	10	chr2:29919992-29921589
## 12816	chr2 29921015	+	T	2	chr2:29919992-29921589
## 12817	chr2 29921015	-	T	10	chr2:29919992-29921589
## 12818	chr2 29921016	+	G	2	chr2:29919992-29921589
## 12819	chr2 29921016	-	G	10	chr2:29919992-29921589
## 12820	chr2 29921017	+	G	2	chr2:29919992-29921589

## 12821	chr2	29921017	-	G	10	chr2:29919992-29921589
## 12822	chr2	29921018	+	G	2	chr2:29919992-29921589
## 12823	chr2	29921018	-	G	10	chr2:29919992-29921589
## 12824	chr2	29921019	+	T	2	chr2:29919992-29921589
## 12825	chr2	29921019	-	T	9	chr2:29919992-29921589
## 12826	chr2	29921020	+	A	2	chr2:29919992-29921589
## 12827	chr2	29921020	-	A	9	chr2:29919992-29921589
## 12828	chr2	29921021	+	C	2	chr2:29919992-29921589
## 12829	chr2	29921021	-	C	9	chr2:29919992-29921589
## 12830	chr2	29921022	+	C	2	chr2:29919992-29921589
## 12831	chr2	29921022	-	C	9	chr2:29919992-29921589
## 12832	chr2	29921023	+	G	2	chr2:29919992-29921589
## 12833	chr2	29921023	-	G	9	chr2:29919992-29921589
## 12834	chr2	29921024	+	T	2	chr2:29919992-29921589
## 12835	chr2	29921024	-	T	11	chr2:29919992-29921589
## 12836	chr2	29921025	+	C	2	chr2:29919992-29921589
## 12837	chr2	29921025	-	C	11	chr2:29919992-29921589
## 12838	chr2	29921026	+	C	2	chr2:29919992-29921589
## 12839	chr2	29921026	-	C	11	chr2:29919992-29921589
## 12840	chr2	29921027	+	T	2	chr2:29919992-29921589
## 12841	chr2	29921027	-	T	11	chr2:29919992-29921589
## 12842	chr2	29921028	+	C	2	chr2:29919992-29921589
## 12843	chr2	29921028	-	C	7	chr2:29919992-29921589
## 12844	chr2	29921029	+	T	2	chr2:29919992-29921589
## 12845	chr2	29921029	-	T	7	chr2:29919992-29921589
## 12846	chr2	29921030	+	C	2	chr2:29919992-29921589
## 12847	chr2	29921030	-	C	7	chr2:29919992-29921589
## 12848	chr2	29921031	+	C	2	chr2:29919992-29921589
## 12849	chr2	29921031	-	C	7	chr2:29919992-29921589
## 12850	chr2	29921032	+	T	2	chr2:29919992-29921589
## 12851	chr2	29921032	-	T	7	chr2:29919992-29921589
## 12852	chr2	29921033	+	G	2	chr2:29919992-29921589
## 12853	chr2	29921033	-	G	7	chr2:29919992-29921589
## 12854	chr2	29921034	+	C	2	chr2:29919992-29921589
## 12855	chr2	29921034	-	C	7	chr2:29919992-29921589
## 12856	chr2	29921035	+	C	2	chr2:29919992-29921589
## 12857	chr2	29921035	-	C	7	chr2:29919992-29921589
## 12858	chr2	29921036	+	C	2	chr2:29919992-29921589
## 12859	chr2	29921036	-	C	7	chr2:29919992-29921589
## 12860	chr2	29921037	+	C	2	chr2:29919992-29921589
## 12861	chr2	29921037	-	C	7	chr2:29919992-29921589
## 12862	chr2	29921038	+	C	2	chr2:29919992-29921589
## 12863	chr2	29921038	-	C	7	chr2:29919992-29921589
## 12864	chr2	29921039	+	C	2	chr2:29919992-29921589
## 12865	chr2	29921039	-	C	7	chr2:29919992-29921589
## 12866	chr2	29921040	+	G	2	chr2:29919992-29921589
## 12867	chr2	29921040	-	G	7	chr2:29919992-29921589
## 12868	chr2	29921041	+	C	2	chr2:29919992-29921589
## 12869	chr2	29921041	-	C	7	chr2:29919992-29921589
## 12870	chr2	29921042	+	A	2	chr2:29919992-29921589
## 12871	chr2	29921042	-	A	7	chr2:29919992-29921589
## 12872	chr2	29921043	+	G	2	chr2:29919992-29921589
## 12873	chr2	29921043	-	G	7	chr2:29919992-29921589
## 12874	chr2	29921044	+	T	2	chr2:29919992-29921589

## 12875	chr2 29921044	-	T	7 chr2:29919992-29921589
## 12876	chr2 29921045	+	C	2 chr2:29919992-29921589
## 12877	chr2 29921045	-	C	7 chr2:29919992-29921589
## 12878	chr2 29921046	+	G	2 chr2:29919992-29921589
## 12879	chr2 29921046	-	G	7 chr2:29919992-29921589
## 12880	chr2 29921047	+	G	2 chr2:29919992-29921589
## 12881	chr2 29921047	-	G	7 chr2:29919992-29921589
## 12882	chr2 29921048	+	A	2 chr2:29919992-29921589
## 12883	chr2 29921048	-	A	7 chr2:29919992-29921589
## 12884	chr2 29921049	+	G	2 chr2:29919992-29921589
## 12885	chr2 29921049	-	G	7 chr2:29919992-29921589
## 12886	chr2 29921050	+	C	2 chr2:29919992-29921589
## 12887	chr2 29921050	-	C	7 chr2:29919992-29921589
## 12888	chr2 29921051	+	T	2 chr2:29919992-29921589
## 12889	chr2 29921051	-	T	7 chr2:29919992-29921589
## 12890	chr2 29921052	+	G	2 chr2:29919992-29921589
## 12891	chr2 29921052	-	G	7 chr2:29919992-29921589
## 12892	chr2 29921053	+	G	2 chr2:29919992-29921589
## 12893	chr2 29921053	-	G	7 chr2:29919992-29921589
## 12894	chr2 29921054	+	G	2 chr2:29919992-29921589
## 12895	chr2 29921054	-	G	7 chr2:29919992-29921589
## 12896	chr2 29921055	+	G	2 chr2:29919992-29921589
## 12897	chr2 29921055	-	G	7 chr2:29919992-29921589
## 12898	chr2 29921056	-	G	1 chr2:29919992-29921589
## 12899	chr2 29921056	+	T	2 chr2:29919992-29921589
## 12900	chr2 29921056	-	T	6 chr2:29919992-29921589
## 12901	chr2 29921057	+	C	2 chr2:29919992-29921589
## 12902	chr2 29921057	-	C	7 chr2:29919992-29921589
## 12903	chr2 29921058	+	T	2 chr2:29919992-29921589
## 12904	chr2 29921058	-	T	7 chr2:29919992-29921589
## 12905	chr2 29921059	+	G	2 chr2:29919992-29921589
## 12906	chr2 29921059	-	G	7 chr2:29919992-29921589
## 12907	chr2 29921060	+	T	2 chr2:29919992-29921589
## 12908	chr2 29921060	-	T	7 chr2:29919992-29921589
## 12909	chr2 29921061	+	C	2 chr2:29919992-29921589
## 12910	chr2 29921061	-	C	7 chr2:29919992-29921589
## 12911	chr2 29921062	+	C	2 chr2:29919992-29921589
## 12912	chr2 29921062	-	C	7 chr2:29919992-29921589
## 12913	chr2 29921063	+	C	2 chr2:29919992-29921589
## 12914	chr2 29921063	-	C	7 chr2:29919992-29921589
## 12915	chr2 29921064	+	C	2 chr2:29919992-29921589
## 12916	chr2 29921064	-	C	7 chr2:29919992-29921589
## 12917	chr2 29921065	+	T	2 chr2:29919992-29921589
## 12918	chr2 29921065	-	T	7 chr2:29919992-29921589
## 12919	chr2 29921066	+	C	2 chr2:29919992-29921589
## 12920	chr2 29921066	-	C	7 chr2:29919992-29921589
## 12921	chr2 29921067	-	A	5 chr2:29919992-29921589
## 12922	chr2 29921067	+	T	2 chr2:29919992-29921589
## 12923	chr2 29921067	-	T	2 chr2:29919992-29921589
## 12924	chr2 29921068	+	C	2 chr2:29919992-29921589
## 12925	chr2 29921068	-	C	2 chr2:29919992-29921589
## 12926	chr2 29921069	+	G	2 chr2:29919992-29921589
## 12927	chr2 29921069	-	G	2 chr2:29919992-29921589
## 12928	chr2 29921070	+	G	2 chr2:29919992-29921589

## 12929	chr2 29921070	-	G	2 chr2:29919992-29921589
## 12930	chr2 29921071	+	G	2 chr2:29919992-29921589
## 12931	chr2 29921071	-	G	2 chr2:29919992-29921589
## 12932	chr2 29921072	+	G	2 chr2:29919992-29921589
## 12933	chr2 29921072	-	G	3 chr2:29919992-29921589
## 12934	chr2 29921073	+	C	2 chr2:29919992-29921589
## 12935	chr2 29921073	-	C	3 chr2:29919992-29921589
## 12936	chr2 29921074	+	A	2 chr2:29919992-29921589
## 12937	chr2 29921074	-	A	3 chr2:29919992-29921589
## 12938	chr2 29921075	-	G	3 chr2:29919992-29921589
## 12939	chr2 29921076	-	C	3 chr2:29919992-29921589
## 12940	chr2 29921077	-	C	3 chr2:29919992-29921589
## 12941	chr2 29921078	-	T	3 chr2:29919992-29921589
## 12942	chr2 29921079	-	C	3 chr2:29919992-29921589
## 12943	chr2 29921080	-	C	3 chr2:29919992-29921589
## 12944	chr2 29921081	-	A	3 chr2:29919992-29921589
## 12945	chr2 29921082	-	A	3 chr2:29919992-29921589
## 12946	chr2 29921083	-	T	3 chr2:29919992-29921589
## 12947	chr2 29921084	-	C	3 chr2:29919992-29921589
## 12948	chr2 29921085	-	T	3 chr2:29919992-29921589
## 12949	chr2 29921086	-	C	3 chr2:29919992-29921589
## 12950	chr2 29921087	-	T	3 chr2:29919992-29921589
## 12951	chr2 29921088	-	G	3 chr2:29919992-29921589
## 12952	chr2 29921089	-	C	3 chr2:29919992-29921589
## 12953	chr2 29921090	-	A	3 chr2:29919992-29921589
## 12954	chr2 29921091	-	A	3 chr2:29919992-29921589
## 12955	chr2 29921092	-	C	3 chr2:29919992-29921589
## 12956	chr2 29921093	-	T	3 chr2:29919992-29921589
## 12957	chr2 29921094	-	T	3 chr2:29919992-29921589
## 12958	chr2 29921095	-	T	3 chr2:29919992-29921589
## 12959	chr2 29921096	-	T	3 chr2:29919992-29921589
## 12960	chr2 29921097	-	A	3 chr2:29919992-29921589
## 12961	chr2 29921098	-	A	3 chr2:29919992-29921589
## 12962	chr2 29921099	-	G	1 chr2:29919992-29921589
## 12963	chr2 29921100	-	G	1 chr2:29919992-29921589
## 12964	chr2 29921101	-	C	1 chr2:29919992-29921589
## 12965	chr2 29921102	-	T	1 chr2:29919992-29921589
## 12966	chr2 29921103	-	G	1 chr2:29919992-29921589
## 12967	chr2 29921104	-	A	1 chr2:29919992-29921589
## 12968	chr2 29921105	-	G	1 chr2:29919992-29921589
## 12969	chr2 29921106	-	A	1 chr2:29919992-29921589
## 12970	chr2 29921107	-	A	1 chr2:29919992-29921589
## 12971	chr2 29921108	-	C	1 chr2:29919992-29921589
## 12972	chr2 29921109	-	G	1 chr2:29919992-29921589
## 12973	chr2 29921110	-	G	1 chr2:29919992-29921589
## 12974	chr2 29921111	-	C	1 chr2:29919992-29921589
## 12975	chr2 29921112	-	G	1 chr2:29919992-29921589
## 12976	chr2 29921113	-	G	1 chr2:29919992-29921589
## 12977	chr2 29921114	-	C	1 chr2:29919992-29921589
## 12978	chr2 29921115	-	T	1 chr2:29919992-29921589
## 12979	chr2 29921116	-	C	1 chr2:29919992-29921589
## 12980	chr2 29921117	-	C	1 chr2:29919992-29921589
## 12981	chr2 29921118	-	C	1 chr2:29919992-29921589
## 12982	chr2 29921119	-	A	1 chr2:29919992-29921589

## 12983	chr2	29921120	-	G	1	chr2:29919992-29921589
## 12984	chr2	29921121	-	C	1	chr2:29919992-29921589
## 12985	chr2	29921122	-	T	1	chr2:29919992-29921589
## 12986	chr2	29921123	-	G	1	chr2:29919992-29921589
## 12987	chr2	29921124	+	C	1	chr2:29919992-29921589
## 12988	chr2	29921124	-	C	1	chr2:29919992-29921589
## 12989	chr2	29921125	+	T	1	chr2:29919992-29921589
## 12990	chr2	29921125	-	T	1	chr2:29919992-29921589
## 12991	chr2	29921126	+	G	1	chr2:29919992-29921589
## 12992	chr2	29921126	-	G	1	chr2:29919992-29921589
## 12993	chr2	29921127	+	C	1	chr2:29919992-29921589
## 12994	chr2	29921127	-	C	1	chr2:29919992-29921589
## 12995	chr2	29921128	+	A	1	chr2:29919992-29921589
## 12996	chr2	29921128	-	A	1	chr2:29919992-29921589
## 12997	chr2	29921129	+	C	1	chr2:29919992-29921589
## 12998	chr2	29921129	-	C	1	chr2:29919992-29921589
## 12999	chr2	29921130	+	G	1	chr2:29919992-29921589
## 13000	chr2	29921130	-	G	1	chr2:29919992-29921589
## 13001	chr2	29921131	+	C	1	chr2:29919992-29921589
## 13002	chr2	29921131	-	C	1	chr2:29919992-29921589
## 13003	chr2	29921132	+	T	1	chr2:29919992-29921589
## 13004	chr2	29921132	-	T	1	chr2:29919992-29921589
## 13005	chr2	29921133	+	G	1	chr2:29919992-29921589
## 13006	chr2	29921133	-	G	1	chr2:29919992-29921589
## 13007	chr2	29921134	+	T	1	chr2:29919992-29921589
## 13008	chr2	29921134	-	T	1	chr2:29919992-29921589
## 13009	chr2	29921135	+	C	1	chr2:29919992-29921589
## 13010	chr2	29921135	-	C	1	chr2:29919992-29921589
## 13011	chr2	29921136	+	C	1	chr2:29919992-29921589
## 13012	chr2	29921136	-	C	1	chr2:29919992-29921589
## 13013	chr2	29921137	+	T	1	chr2:29919992-29921589
## 13014	chr2	29921137	-	T	1	chr2:29919992-29921589
## 13015	chr2	29921138	+	G	1	chr2:29919992-29921589
## 13016	chr2	29921138	-	G	2	chr2:29919992-29921589
## 13017	chr2	29921139	+	G	1	chr2:29919992-29921589
## 13018	chr2	29921139	-	G	2	chr2:29919992-29921589
## 13019	chr2	29921140	+	C	1	chr2:29919992-29921589
## 13020	chr2	29921140	-	C	2	chr2:29919992-29921589
## 13021	chr2	29921141	+	C	1	chr2:29919992-29921589
## 13022	chr2	29921141	-	C	2	chr2:29919992-29921589
## 13023	chr2	29921142	+	G	1	chr2:29919992-29921589
## 13024	chr2	29921142	-	G	2	chr2:29919992-29921589
## 13025	chr2	29921143	+	C	1	chr2:29919992-29921589
## 13026	chr2	29921143	-	C	2	chr2:29919992-29921589
## 13027	chr2	29921144	+	C	1	chr2:29919992-29921589
## 13028	chr2	29921144	-	C	2	chr2:29919992-29921589
## 13029	chr2	29921145	+	T	1	chr2:29919992-29921589
## 13030	chr2	29921145	-	T	2	chr2:29919992-29921589
## 13031	chr2	29921146	+	T	1	chr2:29919992-29921589
## 13032	chr2	29921146	-	T	2	chr2:29919992-29921589
## 13033	chr2	29921147	+	T	1	chr2:29919992-29921589
## 13034	chr2	29921147	-	T	1	chr2:29919992-29921589
## 13035	chr2	29921148	+	T	1	chr2:29919992-29921589
## 13036	chr2	29921148	-	T	1	chr2:29919992-29921589

## 13037	chr2 29921149	+	G	1 chr2:29919992-29921589
## 13038	chr2 29921149	-	G	1 chr2:29919992-29921589
## 13039	chr2 29921150	+	C	1 chr2:29919992-29921589
## 13040	chr2 29921150	-	C	1 chr2:29919992-29921589
## 13041	chr2 29921151	+	G	1 chr2:29919992-29921589
## 13042	chr2 29921151	-	G	1 chr2:29919992-29921589
## 13043	chr2 29921152	+	T	1 chr2:29919992-29921589
## 13044	chr2 29921152	-	T	1 chr2:29919992-29921589
## 13045	chr2 29921153	+	T	1 chr2:29919992-29921589
## 13046	chr2 29921153	-	T	1 chr2:29919992-29921589
## 13047	chr2 29921154	+	C	1 chr2:29919992-29921589
## 13048	chr2 29921154	-	C	1 chr2:29919992-29921589
## 13049	chr2 29921155	+	C	1 chr2:29919992-29921589
## 13050	chr2 29921155	-	C	1 chr2:29919992-29921589
## 13051	chr2 29921156	+	T	1 chr2:29919992-29921589
## 13052	chr2 29921156	-	T	1 chr2:29919992-29921589
## 13053	chr2 29921157	+	T	1 chr2:29919992-29921589
## 13054	chr2 29921157	-	T	1 chr2:29919992-29921589
## 13055	chr2 29921158	+	T	1 chr2:29919992-29921589
## 13056	chr2 29921158	-	T	1 chr2:29919992-29921589
## 13057	chr2 29921159	+	T	1 chr2:29919992-29921589
## 13058	chr2 29921159	-	T	1 chr2:29919992-29921589
## 13059	chr2 29921160	+	G	1 chr2:29919992-29921589
## 13060	chr2 29921160	-	G	1 chr2:29919992-29921589
## 13061	chr2 29921161	+	G	1 chr2:29919992-29921589
## 13062	chr2 29921161	-	G	1 chr2:29919992-29921589
## 13063	chr2 29921162	+	C	1 chr2:29919992-29921589
## 13064	chr2 29921162	-	C	1 chr2:29919992-29921589
## 13065	chr2 29921163	+	T	1 chr2:29919992-29921589
## 13066	chr2 29921163	-	T	1 chr2:29919992-29921589
## 13067	chr2 29921164	+	C	1 chr2:29919992-29921589
## 13068	chr2 29921164	-	C	1 chr2:29919992-29921589
## 13069	chr2 29921165	+	C	1 chr2:29919992-29921589
## 13070	chr2 29921165	-	C	1 chr2:29919992-29921589
## 13071	chr2 29921166	+	T	1 chr2:29919992-29921589
## 13072	chr2 29921166	-	T	1 chr2:29919992-29921589
## 13073	chr2 29921167	+	C	1 chr2:29919992-29921589
## 13074	chr2 29921167	-	C	1 chr2:29919992-29921589
## 13075	chr2 29921168	+	C	1 chr2:29919992-29921589
## 13076	chr2 29921168	-	C	1 chr2:29919992-29921589
## 13077	chr2 29921169	+	A	1 chr2:29919992-29921589
## 13078	chr2 29921169	-	A	1 chr2:29919992-29921589
## 13079	chr2 29921170	+	A	1 chr2:29919992-29921589
## 13080	chr2 29921170	-	A	1 chr2:29919992-29921589
## 13081	chr2 29921171	+	G	1 chr2:29919992-29921589
## 13082	chr2 29921171	-	G	1 chr2:29919992-29921589
## 13083	chr2 29921172	+	C	1 chr2:29919992-29921589
## 13084	chr2 29921172	-	C	1 chr2:29919992-29921589
## 13085	chr2 29921173	+	T	1 chr2:29919992-29921589
## 13086	chr2 29921173	-	T	1 chr2:29919992-29921589
## 13087	chr2 29921174	+	C	1 chr2:29919992-29921589
## 13088	chr2 29921174	-	C	1 chr2:29919992-29921589
## 13089	chr2 29921175	+	T	1 chr2:29919992-29921589
## 13090	chr2 29921175	-	T	1 chr2:29919992-29921589

## 13091	chr2	29921176	+	T	1 chr2:29919992-29921589
## 13092	chr2	29921176	-	T	1 chr2:29919992-29921589
## 13093	chr2	29921177	+	C	1 chr2:29919992-29921589
## 13094	chr2	29921177	-	C	1 chr2:29919992-29921589
## 13095	chr2	29921178	+	T	1 chr2:29919992-29921589
## 13096	chr2	29921178	-	T	1 chr2:29919992-29921589
## 13097	chr2	29921179	+	G	1 chr2:29919992-29921589
## 13098	chr2	29921179	-	G	1 chr2:29919992-29921589
## 13099	chr2	29921180	+	C	1 chr2:29919992-29921589
## 13100	chr2	29921180	-	C	1 chr2:29919992-29921589
## 13101	chr2	29921181	+	C	1 chr2:29919992-29921589
## 13102	chr2	29921181	-	C	1 chr2:29919992-29921589
## 13103	chr2	29921182	+	C	1 chr2:29919992-29921589
## 13104	chr2	29921182	-	C	1 chr2:29919992-29921589
## 13105	chr2	29921183	+	G	1 chr2:29919992-29921589
## 13106	chr2	29921183	-	G	1 chr2:29919992-29921589
## 13107	chr2	29921184	+	G	1 chr2:29919992-29921589
## 13108	chr2	29921184	-	G	1 chr2:29919992-29921589
## 13109	chr2	29921185	+	T	1 chr2:29919992-29921589
## 13110	chr2	29921185	-	T	1 chr2:29919992-29921589
## 13111	chr2	29921186	+	C	1 chr2:29919992-29921589
## 13112	chr2	29921186	-	C	1 chr2:29919992-29921589
## 13113	chr2	29921187	+	T	1 chr2:29919992-29921589
## 13114	chr2	29921187	-	T	1 chr2:29919992-29921589
## 13115	chr2	29921188	+	G	1 chr2:29919992-29921589
## 13116	chr2	29921188	-	G	1 chr2:29919992-29921589
## 13117	chr2	29921189	+	G	1 chr2:29919992-29921589
## 13118	chr2	29921189	-	G	1 chr2:29919992-29921589
## 13119	chr2	29921190	+	G	1 chr2:29919992-29921589
## 13120	chr2	29921190	-	G	1 chr2:29919992-29921589
## 13121	chr2	29921191	+	C	1 chr2:29919992-29921589
## 13122	chr2	29921191	-	C	1 chr2:29919992-29921589
## 13123	chr2	29921192	+	G	1 chr2:29919992-29921589
## 13124	chr2	29921192	-	G	1 chr2:29919992-29921589
## 13125	chr2	29921193	+	G	1 chr2:29919992-29921589
## 13126	chr2	29921193	-	G	1 chr2:29919992-29921589
## 13127	chr2	29921194	+	G	1 chr2:29919992-29921589
## 13128	chr2	29921194	-	G	1 chr2:29919992-29921589
## 13129	chr2	29921195	+	A	1 chr2:29919992-29921589
## 13130	chr2	29921195	-	A	1 chr2:29919992-29921589
## 13131	chr2	29921196	+	A	1 chr2:29919992-29921589
## 13132	chr2	29921196	-	A	1 chr2:29919992-29921589
## 13133	chr2	29921197	+	C	1 chr2:29919992-29921589
## 13134	chr2	29921197	-	C	1 chr2:29919992-29921589
## 13135	chr2	29921198	+	C	1 chr2:29919992-29921589
## 13136	chr2	29921198	-	C	1 chr2:29919992-29921589
## 13137	chr2	29921199	-	G	1 chr2:29919992-29921589
## 13138	chr2	29921200	-	A	1 chr2:29919992-29921589
## 13139	chr2	29921201	-	G	1 chr2:29919992-29921589
## 13140	chr2	29921202	-	G	1 chr2:29919992-29921589
## 13141	chr2	29921203	-	G	1 chr2:29919992-29921589
## 13142	chr2	29921204	-	C	1 chr2:29919992-29921589
## 13143	chr2	29921205	-	G	1 chr2:29919992-29921589
## 13144	chr2	29921206	-	G	1 chr2:29919992-29921589

## 13145	chr2	29921207	-	A	1 chr2:29919992-29921589
## 13146	chr2	29921208	-	G	1 chr2:29919992-29921589
## 13147	chr2	29921209	-	G	1 chr2:29919992-29921589
## 13148	chr2	29921210	-	C	1 chr2:29919992-29921589
## 13149	chr2	29921211	-	T	1 chr2:29919992-29921589
## 13150	chr2	29921212	-	G	1 chr2:29919992-29921589
## 13151	chr2	29921230	+	A	1 chr2:29919992-29921589
## 13152	chr2	29921231	+	A	1 chr2:29919992-29921589
## 13153	chr2	29921232	+	G	1 chr2:29919992-29921589
## 13154	chr2	29921233	+	C	1 chr2:29919992-29921589
## 13155	chr2	29921234	+	T	1 chr2:29919992-29921589
## 13156	chr2	29921235	+	A	1 chr2:29919992-29921589
## 13157	chr2	29921236	+	T	1 chr2:29919992-29921589
## 13158	chr2	29921237	+	C	1 chr2:29919992-29921589
## 13159	chr2	29921238	+	T	1 chr2:29919992-29921589
## 13160	chr2	29921239	+	C	1 chr2:29919992-29921589
## 13161	chr2	29921240	+	T	1 chr2:29919992-29921589
## 13162	chr2	29921241	+	C	1 chr2:29919992-29921589
## 13163	chr2	29921242	+	C	1 chr2:29919992-29921589
## 13164	chr2	29921243	+	G	1 chr2:29919992-29921589
## 13165	chr2	29921244	+	C	1 chr2:29919992-29921589
## 13166	chr2	29921245	+	T	1 chr2:29919992-29921589
## 13167	chr2	29921246	+	G	1 chr2:29919992-29921589
## 13168	chr2	29921247	+	C	1 chr2:29919992-29921589
## 13169	chr2	29921248	+	G	1 chr2:29919992-29921589
## 13170	chr2	29921249	+	G	1 chr2:29919992-29921589
## 13171	chr2	29921250	+	G	1 chr2:29919992-29921589
## 13172	chr2	29921251	+	A	1 chr2:29919992-29921589
## 13173	chr2	29921252	+	A	1 chr2:29919992-29921589
## 13174	chr2	29921253	+	G	1 chr2:29919992-29921589
## 13175	chr2	29921254	+	G	1 chr2:29919992-29921589
## 13176	chr2	29921255	+	C	1 chr2:29919992-29921589
## 13177	chr2	29921256	+	T	1 chr2:29919992-29921589
## 13178	chr2	29921257	+	T	1 chr2:29919992-29921589
## 13179	chr2	29921258	+	C	1 chr2:29919992-29921589
## 13180	chr2	29921259	+	G	1 chr2:29919992-29921589
## 13181	chr2	29921260	+	G	1 chr2:29919992-29921589
## 13182	chr2	29921261	+	A	1 chr2:29919992-29921589
## 13183	chr2	29921262	+	C	1 chr2:29919992-29921589
## 13184	chr2	29921263	+	T	1 chr2:29919992-29921589
## 13185	chr2	29921264	+	G	1 chr2:29919992-29921589
## 13186	chr2	29921265	+	T	1 chr2:29919992-29921589
## 13187	chr2	29921266	+	C	1 chr2:29919992-29921589
## 13188	chr2	29921267	+	T	1 chr2:29919992-29921589
## 13189	chr2	29921268	+	G	1 chr2:29919992-29921589
## 13190	chr2	29921269	+	C	1 chr2:29919992-29921589
## 13191	chr2	29921270	+	C	1 chr2:29919992-29921589
## 13192	chr2	29921271	+	T	1 chr2:29919992-29921589
## 13193	chr2	29921272	+	G	1 chr2:29919992-29921589
## 13194	chr2	29921273	+	C	1 chr2:29919992-29921589
## 13195	chr2	29921274	+	T	1 chr2:29919992-29921589
## 13196	chr2	29921275	+	G	1 chr2:29919992-29921589
## 13197	chr2	29921276	+	A	1 chr2:29919992-29921589
## 13198	chr2	29921277	+	A	1 chr2:29919992-29921589

## 13199	chr2	29921278	+	C	1 chr2:29919992-29921589
## 13200	chr2	29921279	+	T	1 chr2:29919992-29921589
## 13201	chr2	29921280	+	T	1 chr2:29919992-29921589
## 13202	chr2	29921281	+	C	1 chr2:29919992-29921589
## 13203	chr2	29921282	+	T	1 chr2:29919992-29921589
## 13204	chr2	29921283	+	G	1 chr2:29919992-29921589
## 13205	chr2	29921284	+	G	1 chr2:29919992-29921589
## 13206	chr2	29921285	+	G	1 chr2:29919992-29921589
## 13207	chr2	29921286	+	C	1 chr2:29919992-29921589
## 13208	chr2	29921287	+	G	1 chr2:29919992-29921589
## 13209	chr2	29921288	+	T	1 chr2:29919992-29921589
## 13210	chr2	29921289	+	G	1 chr2:29919992-29921589
## 13211	chr2	29921290	+	A	1 chr2:29919992-29921589
## 13212	chr2	29921291	+	A	1 chr2:29919992-29921589
## 13213	chr2	29921292	+	T	1 chr2:29919992-29921589
## 13214	chr2	29921293	+	C	1 chr2:29919992-29921589
## 13215	chr2	29921294	+	C	1 chr2:29919992-29921589
## 13216	chr2	29921295	+	C	1 chr2:29919992-29921589
## 13217	chr2	29921296	+	A	1 chr2:29919992-29921589
## 13218	chr2	29921297	+	G	1 chr2:29919992-29921589
## 13219	chr2	29921298	+	C	1 chr2:29919992-29921589
## 13220	chr2	29921299	+	C	1 chr2:29919992-29921589
## 13221	chr2	29921300	+	C	1 chr2:29919992-29921589
## 13222	chr2	29921301	+	C	1 chr2:29919992-29921589
## 13223	chr2	29921302	+	C	1 chr2:29919992-29921589
## 13224	chr2	29921303	+	G	1 chr2:29919992-29921589
## 13225	chr2	29921304	+	C	1 chr2:29919992-29921589
## 13226	chr2	29921308	+	G	1 chr2:29919992-29921589
## 13227	chr2	29921309	+	C	1 chr2:29919992-29921589
## 13228	chr2	29921310	+	G	1 chr2:29919992-29921589
## 13229	chr2	29921311	+	C	1 chr2:29919992-29921589
## 13230	chr2	29921312	+	A	1 chr2:29919992-29921589
## 13231	chr2	29921313	+	A	1 chr2:29919992-29921589
## 13232	chr2	29921314	+	G	1 chr2:29919992-29921589
## 13233	chr2	29921315	+	T	1 chr2:29919992-29921589
## 13234	chr2	29921316	+	T	1 chr2:29919992-29921589
## 13235	chr2	29921317	+	T	1 chr2:29919992-29921589
## 13236	chr2	29921318	+	G	1 chr2:29919992-29921589
## 13237	chr2	29921319	+	C	2 chr2:29919992-29921589
## 13238	chr2	29921320	+	A	2 chr2:29919992-29921589
## 13239	chr2	29921321	+	G	2 chr2:29919992-29921589
## 13240	chr2	29921322	+	C	2 chr2:29919992-29921589
## 13241	chr2	29921323	+	G	2 chr2:29919992-29921589
## 13242	chr2	29921324	+	T	2 chr2:29919992-29921589
## 13243	chr2	29921325	+	C	2 chr2:29919992-29921589
## 13244	chr2	29921326	+	C	2 chr2:29919992-29921589
## 13245	chr2	29921327	+	T	2 chr2:29919992-29921589
## 13246	chr2	29921328	+	T	2 chr2:29919992-29921589
## 13247	chr2	29921329	+	G	2 chr2:29919992-29921589
## 13248	chr2	29921330	+	C	2 chr2:29919992-29921589
## 13249	chr2	29921331	+	T	2 chr2:29919992-29921589
## 13250	chr2	29921332	+	C	2 chr2:29919992-29921589
## 13251	chr2	29921333	+	T	2 chr2:29919992-29921589
## 13252	chr2	29921334	+	C	2 chr2:29919992-29921589

## 13253	chr2	29921335	+	A	2 chr2:29919992-29921589
## 13254	chr2	29921336	+	C	2 chr2:29919992-29921589
## 13255	chr2	29921337	+	C	2 chr2:29919992-29921589
## 13256	chr2	29921338	+	G	2 chr2:29919992-29921589
## 13257	chr2	29921339	+	G	2 chr2:29919992-29921589
## 13258	chr2	29921340	+	C	2 chr2:29919992-29921589
## 13259	chr2	29921341	+	G	2 chr2:29919992-29921589
## 13260	chr2	29921342	+	C	2 chr2:29919992-29921589
## 13261	chr2	29921343	+	C	2 chr2:29919992-29921589
## 13262	chr2	29921344	+	T	2 chr2:29919992-29921589
## 13263	chr2	29921345	+	C	2 chr2:29919992-29921589
## 13264	chr2	29921346	+	G	2 chr2:29919992-29921589
## 13265	chr2	29921347	+	G	2 chr2:29919992-29921589
## 13266	chr2	29921348	+	C	2 chr2:29919992-29921589
## 13267	chr2	29921349	+	T	2 chr2:29919992-29921589
## 13268	chr2	29921350	+	C	2 chr2:29919992-29921589
## 13269	chr2	29921351	+	C	2 chr2:29919992-29921589
## 13270	chr2	29921352	+	T	2 chr2:29919992-29921589
## 13271	chr2	29921353	+	C	2 chr2:29919992-29921589
## 13272	chr2	29921354	+	A	2 chr2:29919992-29921589
## 13273	chr2	29921355	+	G	2 chr2:29919992-29921589
## 13274	chr2	29921356	+	A	2 chr2:29919992-29921589
## 13275	chr2	29921357	+	G	2 chr2:29919992-29921589
## 13276	chr2	29921358	+	T	2 chr2:29919992-29921589
## 13277	chr2	29921359	+	T	2 chr2:29919992-29921589
## 13278	chr2	29921360	+	C	2 chr2:29919992-29921589
## 13279	chr2	29921361	+	G	2 chr2:29919992-29921589
## 13280	chr2	29921362	+	C	2 chr2:29919992-29921589
## 13281	chr2	29921363	+	A	2 chr2:29919992-29921589
## 13282	chr2	29921364	+	G	2 chr2:29919992-29921589
## 13283	chr2	29921365	+	G	2 chr2:29919992-29921589
## 13284	chr2	29921366	+	C	2 chr2:29919992-29921589
## 13285	chr2	29921367	+	A	2 chr2:29919992-29921589
## 13286	chr2	29921368	+	C	2 chr2:29919992-29921589
## 13287	chr2	29921369	+	T	2 chr2:29919992-29921589
## 13288	chr2	29921370	+	G	2 chr2:29919992-29921589
## 13289	chr2	29921371	+	G	2 chr2:29919992-29921589
## 13290	chr2	29921372	+	A	2 chr2:29919992-29921589
## 13291	chr2	29921373	+	G	2 chr2:29919992-29921589
## 13292	chr2	29921374	+	C	2 chr2:29919992-29921589
## 13293	chr2	29921375	+	G	2 chr2:29919992-29921589
## 13294	chr2	29921376	+	G	2 chr2:29919992-29921589
## 13295	chr2	29921377	+	C	2 chr2:29919992-29921589
## 13296	chr2	29921378	+	C	2 chr2:29919992-29921589
## 13297	chr2	29921378	-	C	1 chr2:29919992-29921589
## 13298	chr2	29921379	+	C	2 chr2:29919992-29921589
## 13299	chr2	29921379	-	C	1 chr2:29919992-29921589
## 13300	chr2	29921380	+	C	2 chr2:29919992-29921589
## 13301	chr2	29921380	-	C	1 chr2:29919992-29921589
## 13302	chr2	29921381	+	G	2 chr2:29919992-29921589
## 13303	chr2	29921381	-	G	1 chr2:29919992-29921589
## 13304	chr2	29921382	+	G	2 chr2:29919992-29921589
## 13305	chr2	29921382	-	G	1 chr2:29919992-29921589
## 13306	chr2	29921383	+	C	1 chr2:29919992-29921589

## 13307	chr2	29921383	-	C	1	chr2:29919992-29921589
## 13308	chr2	29921384	+	G	1	chr2:29919992-29921589
## 13309	chr2	29921384	-	G	2	chr2:29919992-29921589
## 13310	chr2	29921385	+	G	1	chr2:29919992-29921589
## 13311	chr2	29921385	-	G	2	chr2:29919992-29921589
## 13312	chr2	29921386	+	C	1	chr2:29919992-29921589
## 13313	chr2	29921386	-	C	2	chr2:29919992-29921589
## 13314	chr2	29921387	+	A	1	chr2:29919992-29921589
## 13315	chr2	29921387	-	A	2	chr2:29919992-29921589
## 13316	chr2	29921388	+	G	1	chr2:29919992-29921589
## 13317	chr2	29921388	-	G	2	chr2:29919992-29921589
## 13318	chr2	29921389	+	C	1	chr2:29919992-29921589
## 13319	chr2	29921389	-	C	2	chr2:29919992-29921589
## 13320	chr2	29921390	+	A	1	chr2:29919992-29921589
## 13321	chr2	29921390	-	A	2	chr2:29919992-29921589
## 13322	chr2	29921391	+	G	1	chr2:29919992-29921589
## 13323	chr2	29921391	-	G	2	chr2:29919992-29921589
## 13324	chr2	29921392	+	C	1	chr2:29919992-29921589
## 13325	chr2	29921392	-	C	2	chr2:29919992-29921589
## 13326	chr2	29921393	+	T	1	chr2:29919992-29921589
## 13327	chr2	29921393	-	T	2	chr2:29919992-29921589
## 13328	chr2	29921394	-	G	2	chr2:29919992-29921589
## 13329	chr2	29921395	-	A	2	chr2:29919992-29921589
## 13330	chr2	29921396	-	G	2	chr2:29919992-29921589
## 13331	chr2	29921397	-	G	2	chr2:29919992-29921589
## 13332	chr2	29921398	-	G	2	chr2:29919992-29921589
## 13333	chr2	29921399	-	C	2	chr2:29919992-29921589
## 13334	chr2	29921400	-	G	2	chr2:29919992-29921589
## 13335	chr2	29921401	-	T	2	chr2:29919992-29921589
## 13336	chr2	29921402	-	T	2	chr2:29919992-29921589
## 13337	chr2	29921403	-	C	2	chr2:29919992-29921589
## 13338	chr2	29921404	-	A	2	chr2:29919992-29921589
## 13339	chr2	29921405	-	G	2	chr2:29919992-29921589
## 13340	chr2	29921406	-	G	2	chr2:29919992-29921589
## 13341	chr2	29921407	-	G	2	chr2:29919992-29921589
## 13342	chr2	29921408	-	C	2	chr2:29919992-29921589
## 13343	chr2	29921409	-	A	2	chr2:29919992-29921589
## 13344	chr2	29921410	-	G	2	chr2:29919992-29921589
## 13345	chr2	29921411	-	G	2	chr2:29919992-29921589
## 13346	chr2	29921412	-	G	2	chr2:29919992-29921589
## 13347	chr2	29921413	-	G	2	chr2:29919992-29921589
## 13348	chr2	29921414	-	C	2	chr2:29919992-29921589
## 13349	chr2	29921415	-	G	2	chr2:29919992-29921589
## 13350	chr2	29921416	-	C	2	chr2:29919992-29921589
## 13351	chr2	29921417	-	C	2	chr2:29919992-29921589
## 13352	chr2	29921418	-	C	2	chr2:29919992-29921589
## 13353	chr2	29921419	-	G	2	chr2:29919992-29921589
## 13354	chr2	29921420	-	A	2	chr2:29919992-29921589
## 13355	chr2	29921421	-	A	2	chr2:29919992-29921589
## 13356	chr2	29921422	-	A	2	chr2:29919992-29921589
## 13357	chr2	29921423	-	T	2	chr2:29919992-29921589
## 13358	chr2	29921424	-	C	3	chr2:29919992-29921589
## 13359	chr2	29921425	-	T	3	chr2:29919992-29921589
## 13360	chr2	29921426	-	T	3	chr2:29919992-29921589

## 13361	chr2	29921427	-	G	3	chr2:29919992-29921589
## 13362	chr2	29921428	-	C	3	chr2:29919992-29921589
## 13363	chr2	29921429	-	C	3	chr2:29919992-29921589
## 13364	chr2	29921430	-	G	3	chr2:29919992-29921589
## 13365	chr2	29921431	-	C	3	chr2:29919992-29921589
## 13366	chr2	29921432	-	C	3	chr2:29919992-29921589
## 13367	chr2	29921433	-	C	3	chr2:29919992-29921589
## 13368	chr2	29921434	-	C	3	chr2:29919992-29921589
## 13369	chr2	29921435	-	C	3	chr2:29919992-29921589
## 13370	chr2	29921436	-	T	3	chr2:29919992-29921589
## 13371	chr2	29921437	-	C	3	chr2:29919992-29921589
## 13372	chr2	29921438	-	C	3	chr2:29919992-29921589
## 13373	chr2	29921439	-	T	3	chr2:29919992-29921589
## 13374	chr2	29921440	-	C	3	chr2:29919992-29921589
## 13375	chr2	29921441	-	A	3	chr2:29919992-29921589
## 13376	chr2	29921442	-	C	3	chr2:29919992-29921589
## 13377	chr2	29921443	-	C	3	chr2:29919992-29921589
## 13378	chr2	29921444	-	C	3	chr2:29919992-29921589
## 13379	chr2	29921445	-	A	3	chr2:29919992-29921589
## 13380	chr2	29921446	-	T	3	chr2:29919992-29921589
## 13381	chr2	29921447	-	C	3	chr2:29919992-29921589
## 13382	chr2	29921448	-	A	3	chr2:29919992-29921589
## 13383	chr2	29921449	-	T	3	chr2:29919992-29921589
## 13384	chr2	29921450	-	C	3	chr2:29919992-29921589
## 13385	chr2	29921451	-	A	3	chr2:29919992-29921589
## 13386	chr2	29921452	-	G	3	chr2:29919992-29921589
## 13387	chr2	29921453	-	C	2	chr2:29919992-29921589
## 13388	chr2	29921454	-	G	2	chr2:29919992-29921589
## 13389	chr2	29921455	-	C	2	chr2:29919992-29921589
## 13390	chr2	29921456	-	C	2	chr2:29919992-29921589
## 13391	chr2	29921457	-	C	2	chr2:29919992-29921589
## 13392	chr2	29921458	-	G	2	chr2:29919992-29921589
## 13393	chr2	29921459	-	C	1	chr2:29919992-29921589
## 13394	chr2	29921460	-	G	1	chr2:29919992-29921589
## 13395	chr2	29921461	-	G	1	chr2:29919992-29921589
## 13396	chr2	29921462	-	C	1	chr2:29919992-29921589
## 13397	chr2	29921463	-	T	1	chr2:29919992-29921589
## 13398	chr2	29921464	-	T	1	chr2:29919992-29921589
## 13399	chr2	29921465	-	T	1	chr2:29919992-29921589
## 13400	chr2	29921466	-	G	1	chr2:29919992-29921589
## 13401	chr2	29921467	-	G	1	chr2:29919992-29921589
## 13402	chr2	29921468	-	G	1	chr2:29919992-29921589
## 13403	chr2	29921469	-	T	1	chr2:29919992-29921589
## 13404	chr2	29921470	-	G	1	chr2:29919992-29921589
## 13405	chr2	29921471	-	G	1	chr2:29919992-29921589
## 13406	chr2	29921472	-	C	1	chr2:29919992-29921589
## 13407	chr2	29921473	-	C	1	chr2:29919992-29921589
## 13408	chr2	29921474	-	G	1	chr2:29919992-29921589
## 13409	chr2	29921475	-	A	1	chr2:29919992-29921589
## 13410	chr2	29921476	-	C	1	chr2:29919992-29921589
## 13411	chr2	29921477	-	C	1	chr2:29919992-29921589
## 13412	chr2	29921478	-	A	1	chr2:29919992-29921589
## 13413	chr2	29921479	-	G	1	chr2:29919992-29921589
## 13414	chr2	29921480	-	A	1	chr2:29919992-29921589


```
## 13415      chr2 29921481      -      G      1 chr2:29919992-29921589
## 13416      chr2 29921482      -      G      1 chr2:29919992-29921589
## 13417      chr2 29921483      -      G      1 chr2:29919992-29921589
## 13418      chr2 29921484      -      C      1 chr2:29919992-29921589
## 13419      chr2 29921485      -      G      1 chr2:29919992-29921589
## 13420      chr2 29921486      -      G      1 chr2:29919992-29921589
## 13421      chr2 29921487      -      C      1 chr2:29919992-29921589
## 13422      chr2 29921488      -      C      1 chr2:29919992-29921589
## 13423      chr2 29921489      -      G      1 chr2:29919992-29921589
## 13424      chr2 29921490      -      G      1 chr2:29919992-29921589
## 13425      chr2 29921491      -      A      1 chr2:29919992-29921589
## 13426      chr2 29921492      -      A      1 chr2:29919992-29921589
## 13427      chr2 29921493      -      A      1 chr2:29919992-29921589
## 13428      chr2 29921494      -      G      1 chr2:29919992-29921589
## 13429      chr2 29921495      -      C      1 chr2:29919992-29921589
## 13430      chr2 29921496      -      A      1 chr2:29919992-29921589
## 13431      chr2 29921497      -      C      1 chr2:29919992-29921589
## 13432      chr2 29921498      -      C      1 chr2:29919992-29921589
```

Assignment 7: Coverage Calculation and reporting

```
coverage = aggregate(x = list(count=pileup_test$count),
                     by = list(pos=pileup_test$pos), FUN=sum)
head(coverage)
```

```
##      pos count
## 1 2048201   303
## 2 2048202   288
## 3 2048203   284
## 4 2048204   271
## 5 2048205   267
## 6 2048206   259
```

```
coverage_df <- data.frame()

for (i in names(pileup_list)) {
  # testlist <- rbind(testlist, list(Gene=i, Pos=pileup_list[[i]]$pos, Count=0))

  test = aggregate(x = list(count=pileup_list[[i]]$count),
                  by = list(pos=pileup_list[[i]]$pos), FUN=sum)
  # testlist <- rbind(testlist, cov=test, gene=i)

  # Gemiddelde van de counts:
  mean_count <- mean(test$count)
  # Minimum count aantal per gen:
  min_count <- min(test$count)

  # Filter alle readcounts < 30 er uit:
  coverage_below_30 <- test %>%
  filter(count < 30)

  # Aantal basen die gesequenced zijn:
  base_count <- length(test$pos)
```

```

# Min count percentage:
coverage_percentage <- (min_count / base_count) * 100

coverage_df <- rbind(coverage_df, list(Gene=i, Pos=test$pos[1], Avarage_coverage=mean_count, Amount_of_bases_seqenced=base_count))
}

# Laat de genen zijn met low coverage percentage boven de 10%.
top3 <- coverage_df %>%
  filter(low_coverage_perc > 10)
top3

```

```

##           Gene           Pos Avarage_coverage Amount_of_bases_seqenced min_coverage
## 1      CHEK2P2    20283495          237.0815             638             104
## 2 LOC101929031    33562874          234.8206             669             108
## 3         MYL1    210291031          238.1539             838             123
## low_coverage_perc
## 1          16.30094
## 2          16.14350
## 3          14.67780

```

Week 4 Finding and Annotating Variants