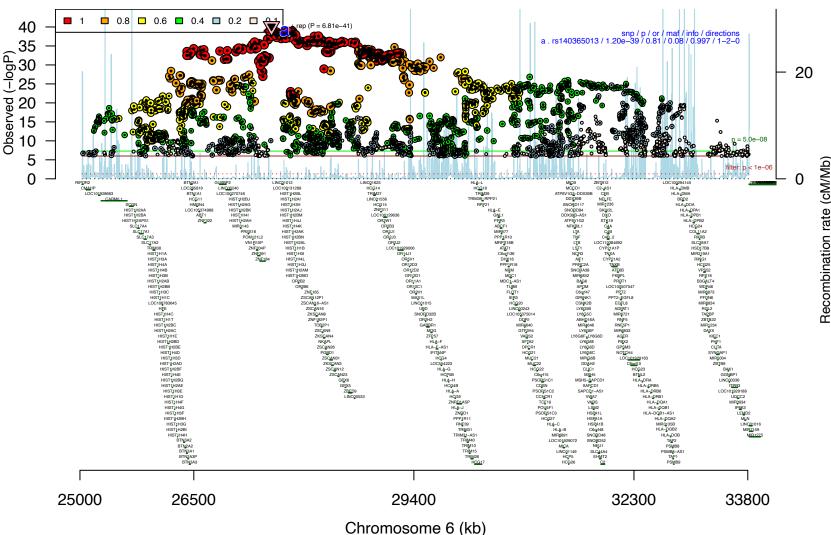
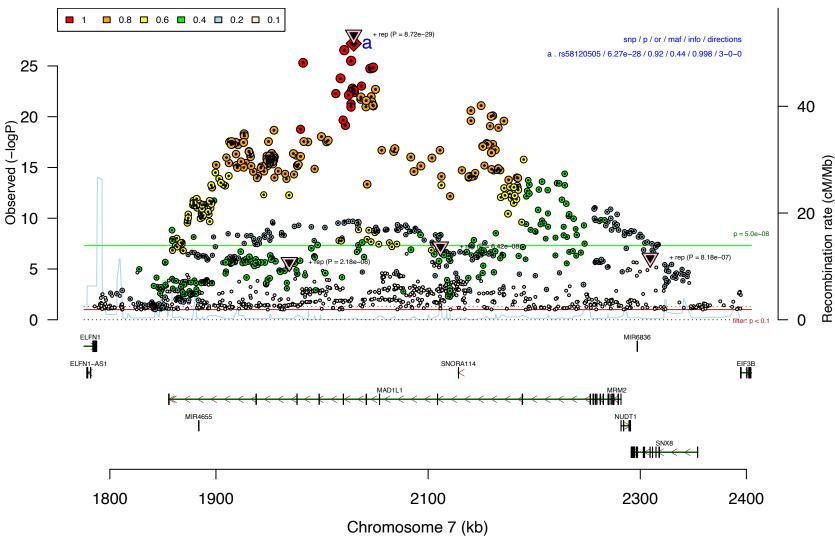
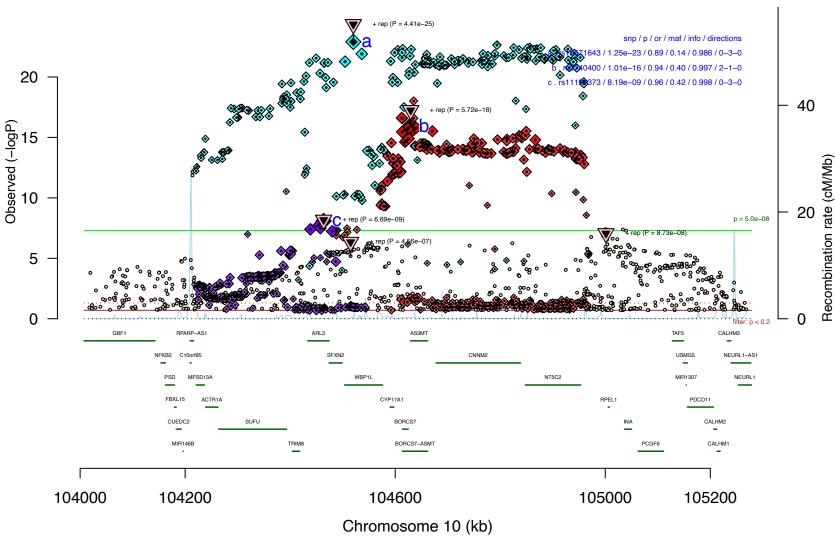
#### PGC\_SCZ\_w3\_90\_0418b.1.chr6



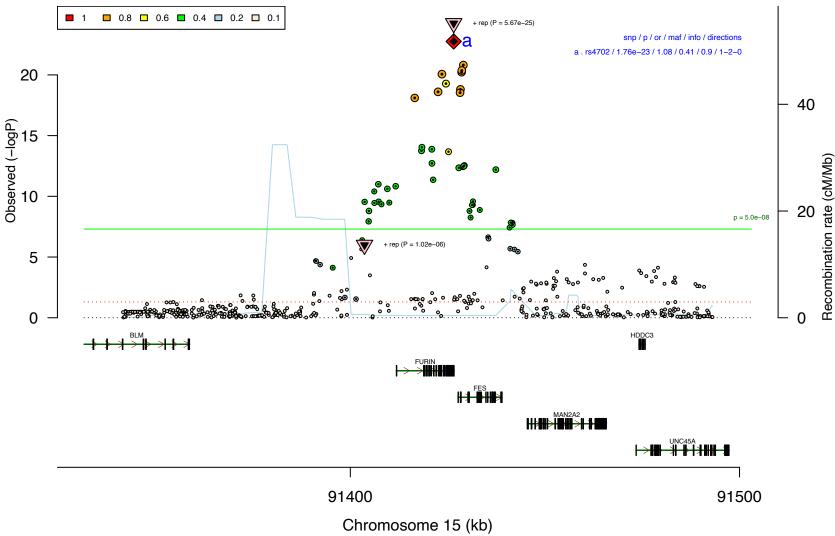
#### PGC\_SCZ\_w3\_90\_0418b.2.chr7



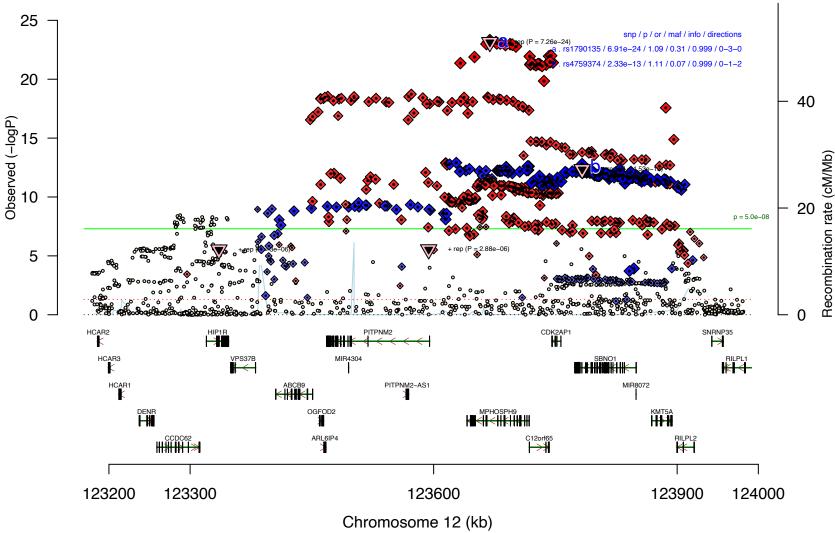
## PGC\_SCZ\_w3\_90\_0418b.3.chr10



## PGC\_SCZ\_w3\_90\_0418b.4.chr15

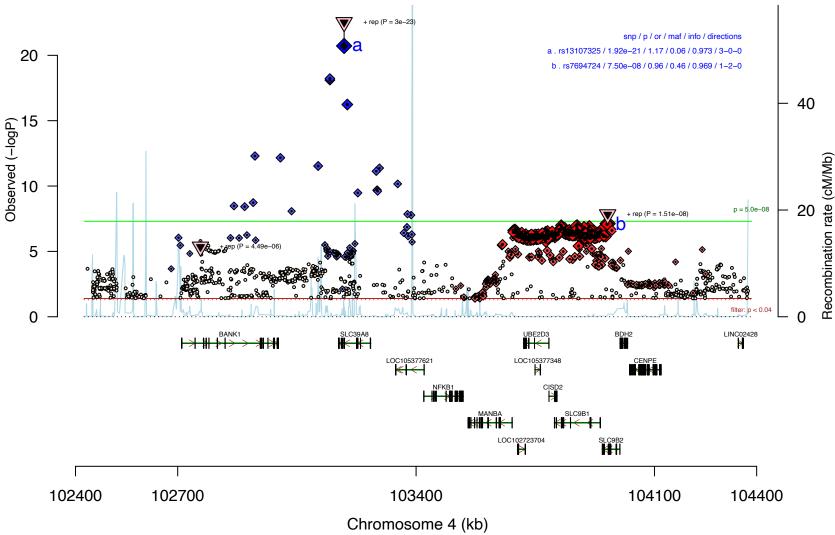


PGC\_SCZ\_w3\_90\_0418b.5.chr12

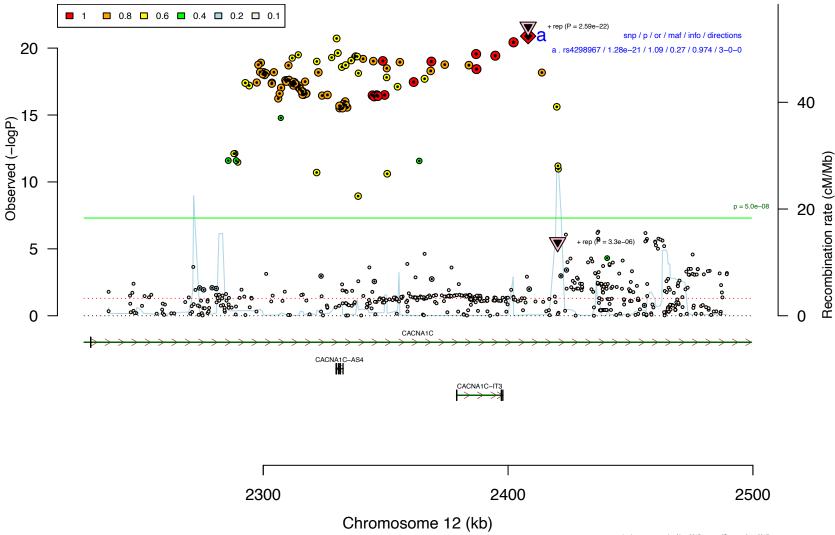


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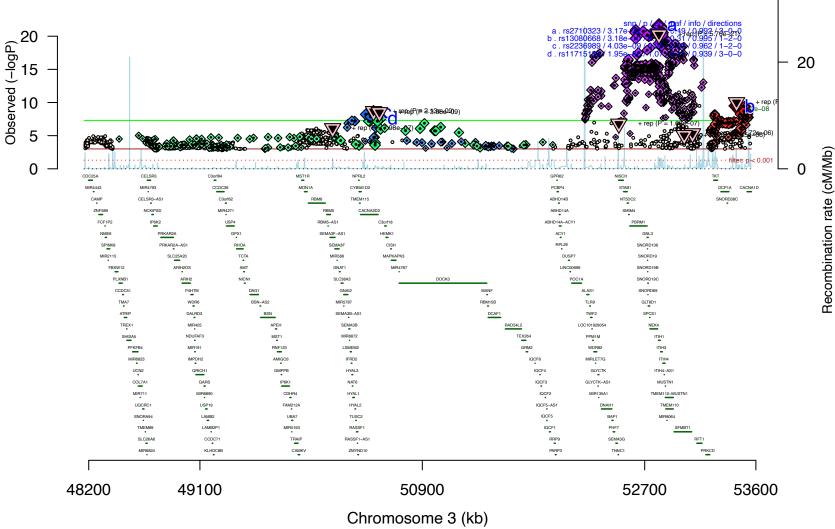
## PGC\_SCZ\_w3\_90\_0418b.6.chr4



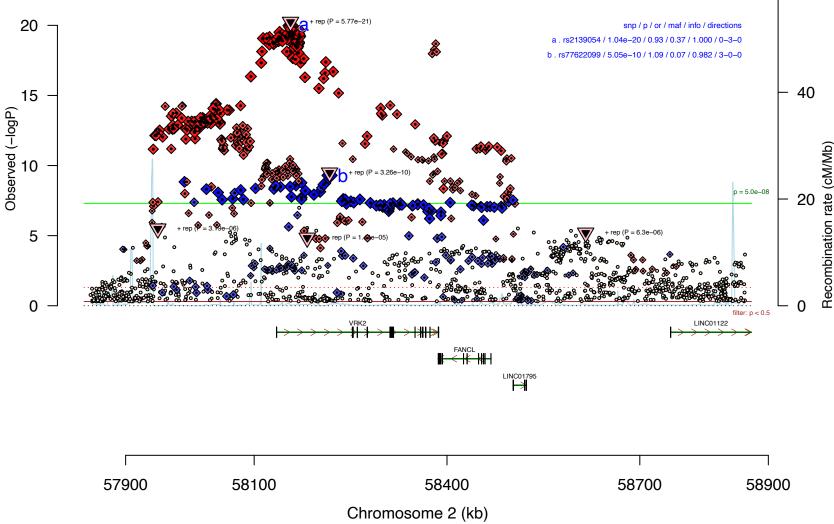
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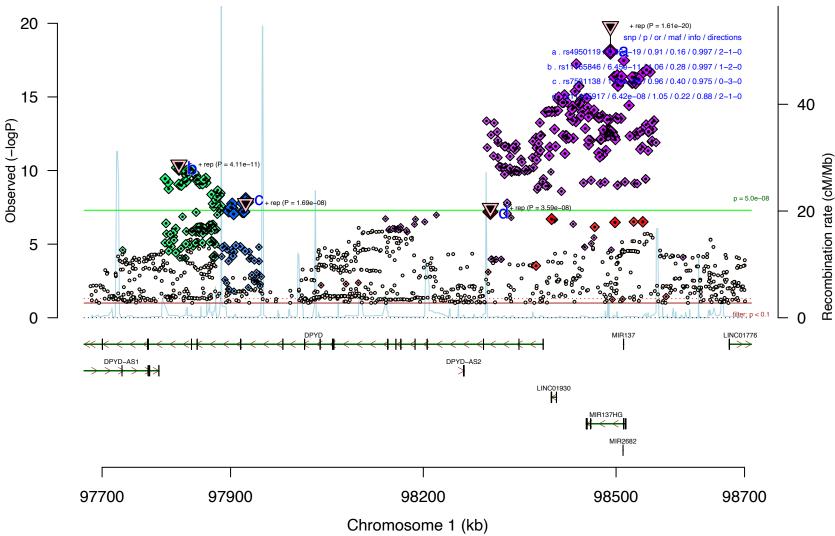
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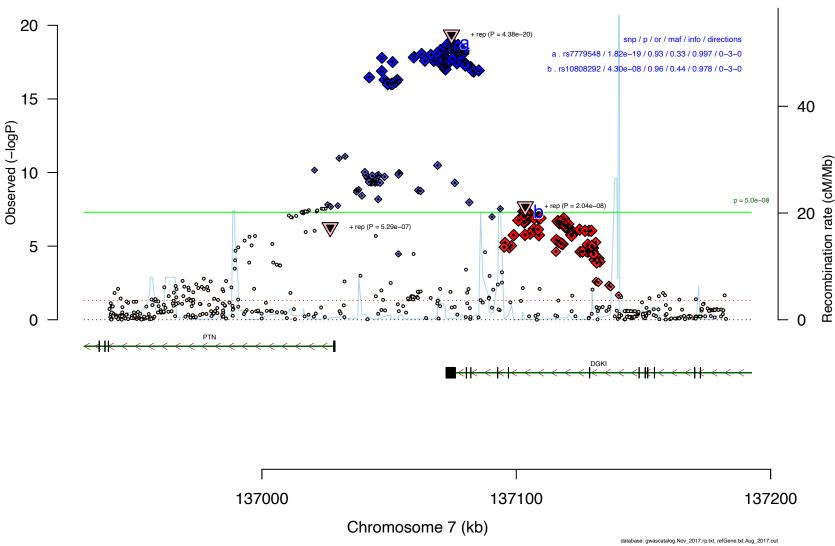
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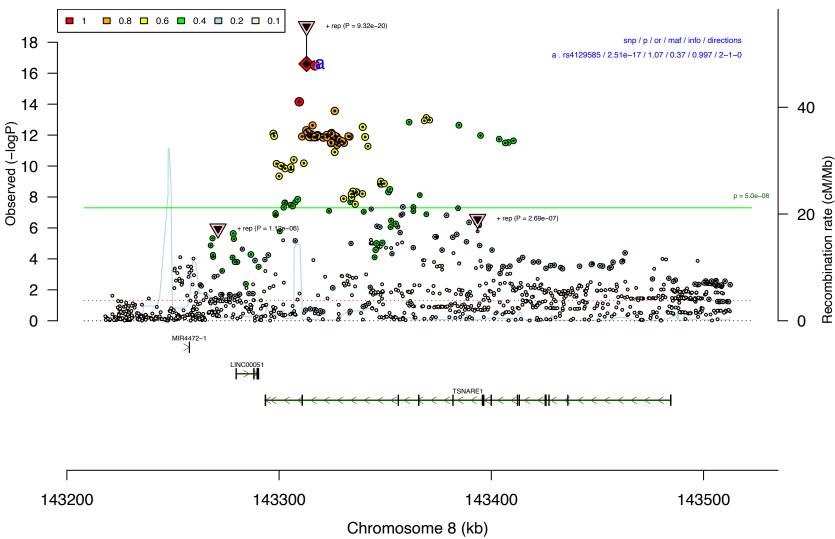
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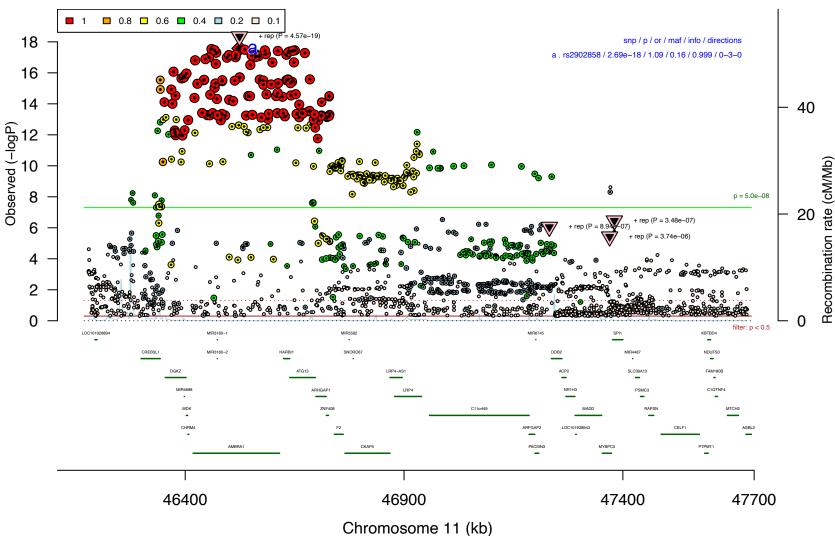
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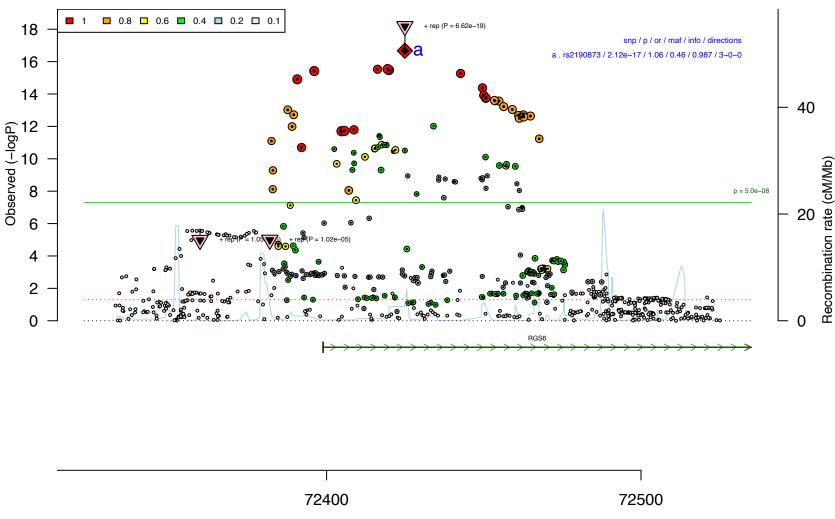
## PGC\_SCZ\_w3\_90\_0418b.12.chr8



## PGC\_SCZ\_w3\_90\_0418b.13.chr11

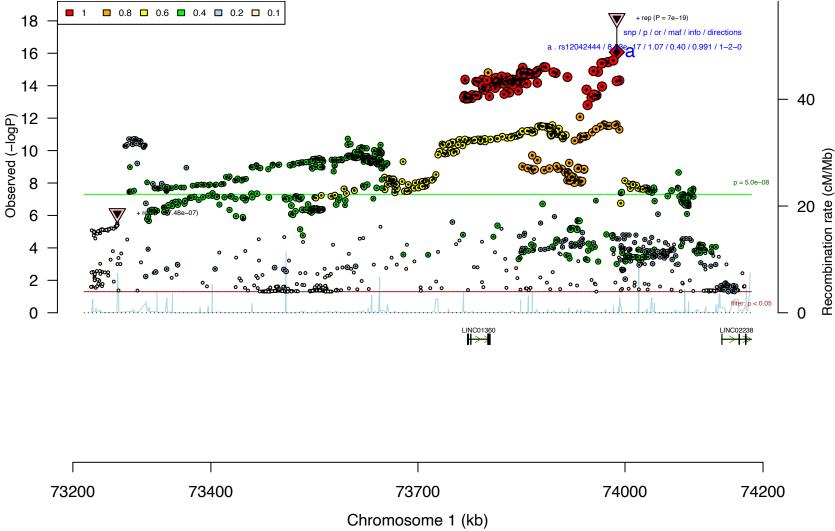


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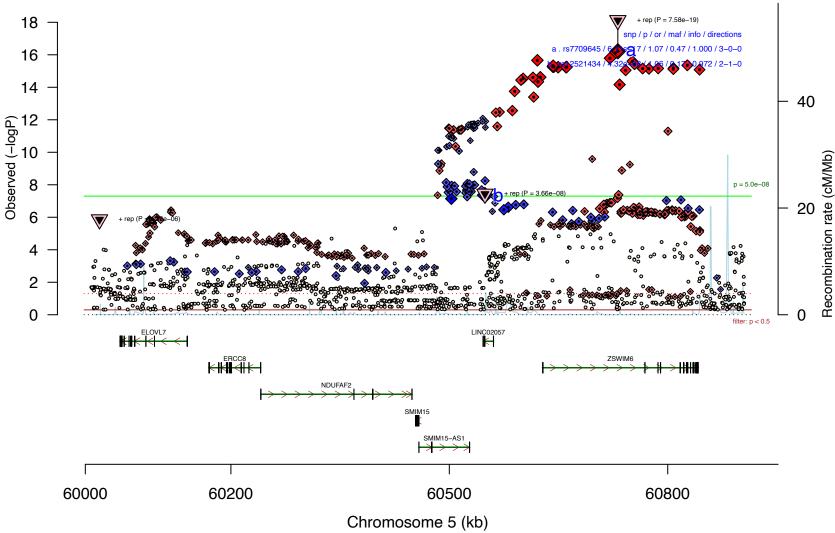


Chromosome 14 (kb)

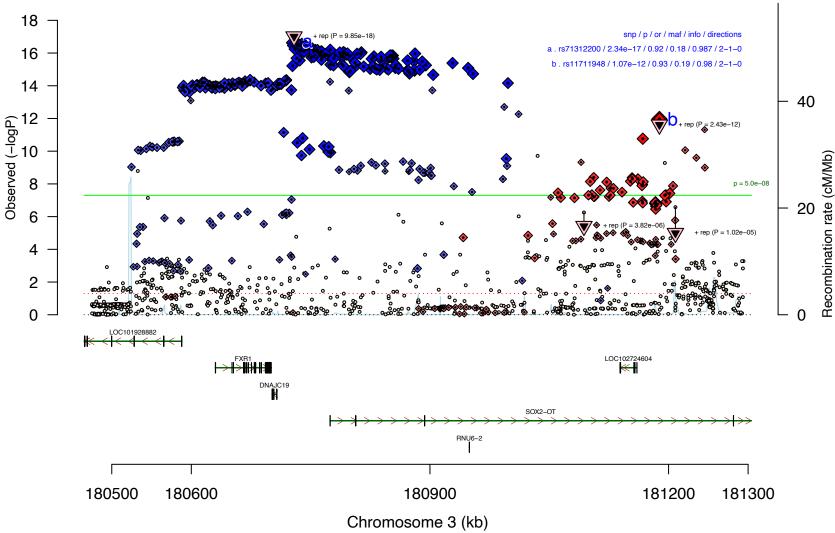
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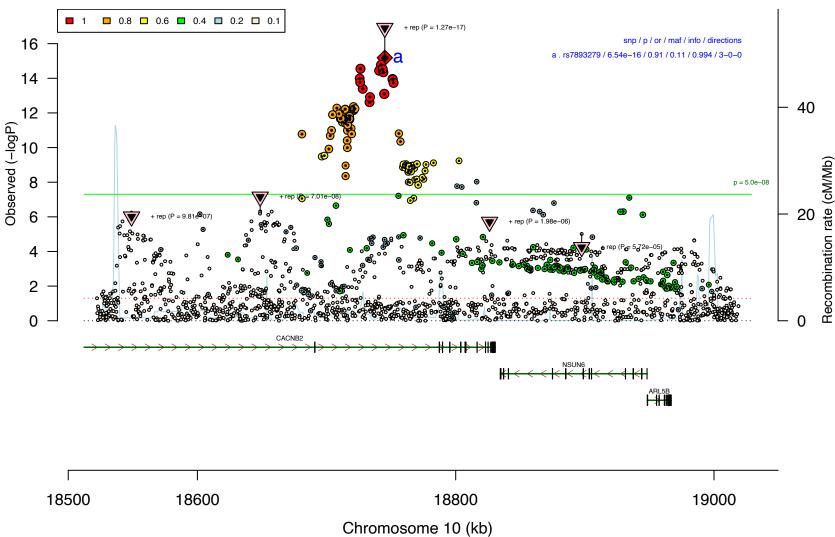
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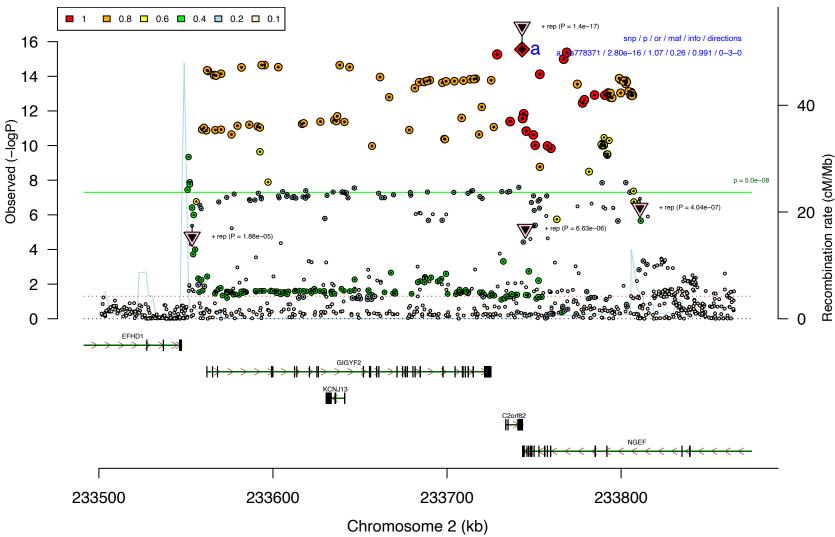
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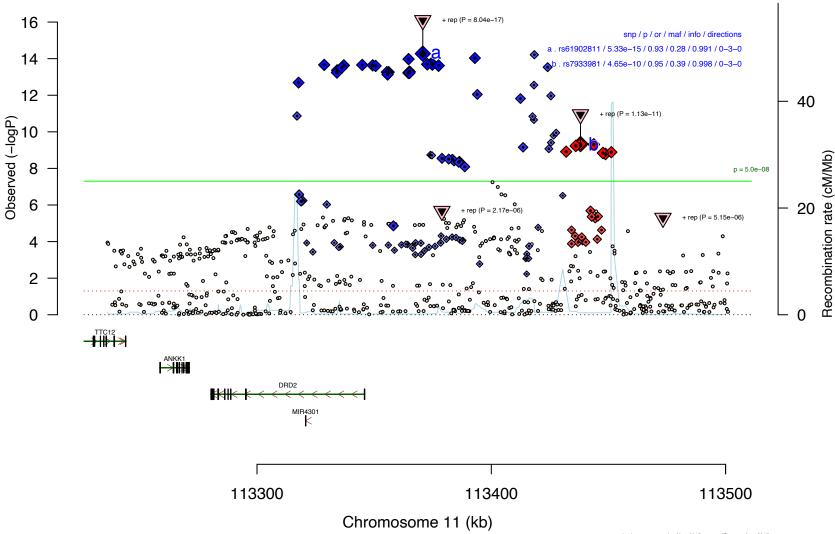
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PGC\_SCZ\_w3\_90\_0418b.19.chr2

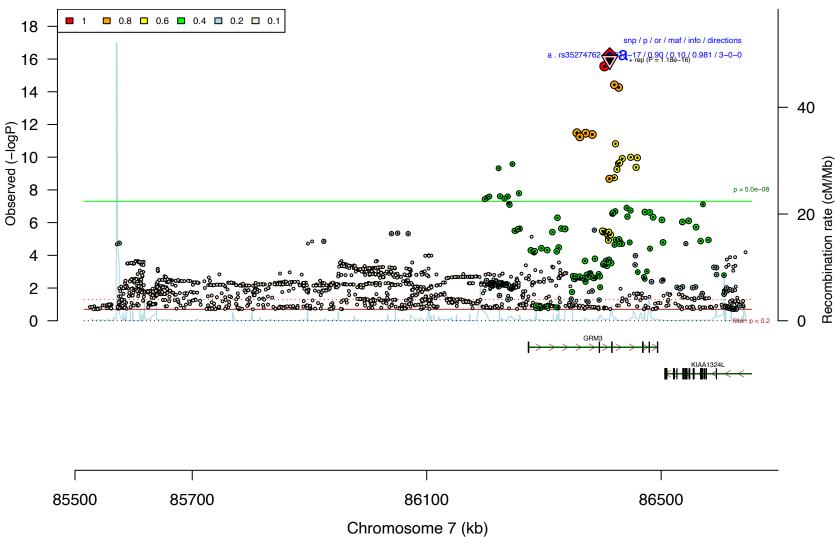


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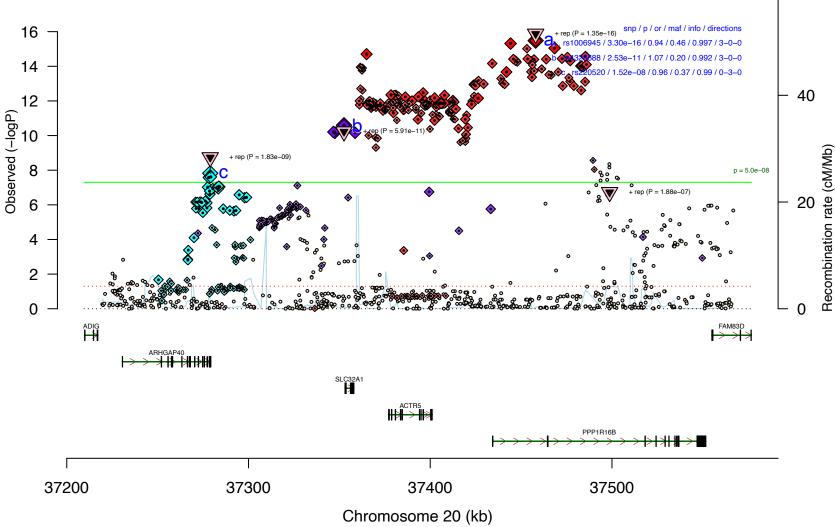


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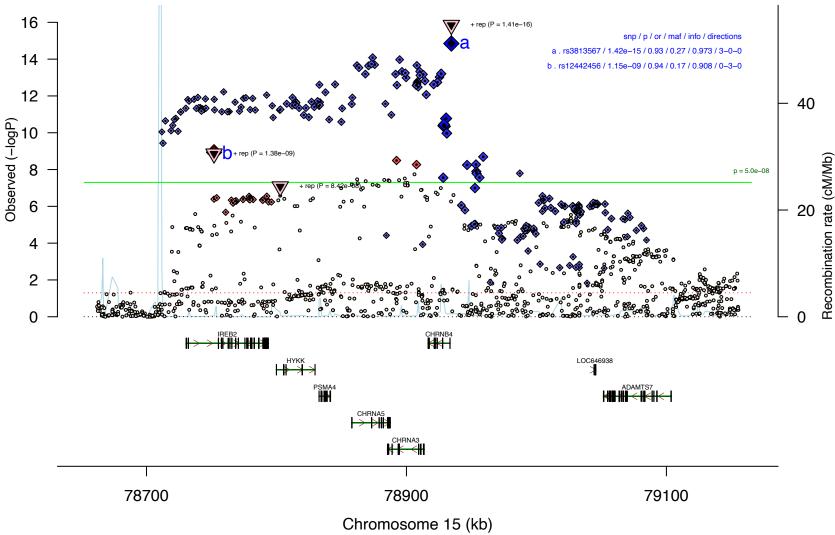


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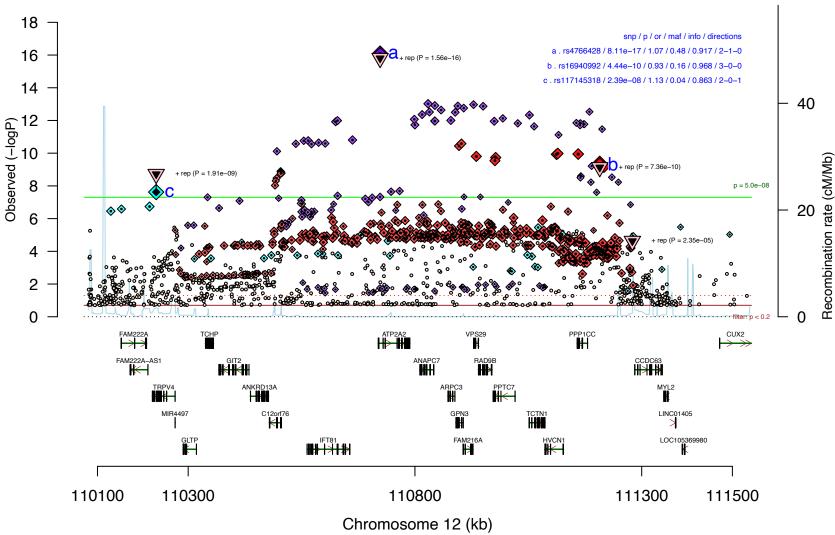
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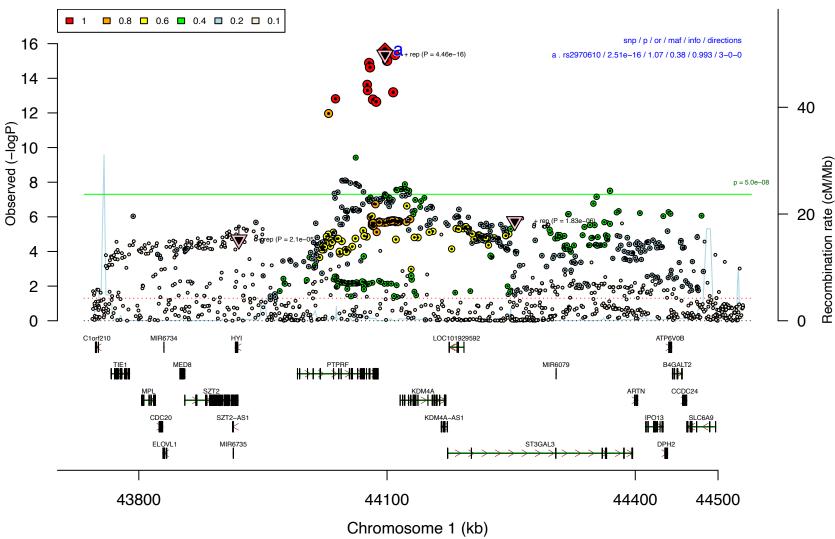


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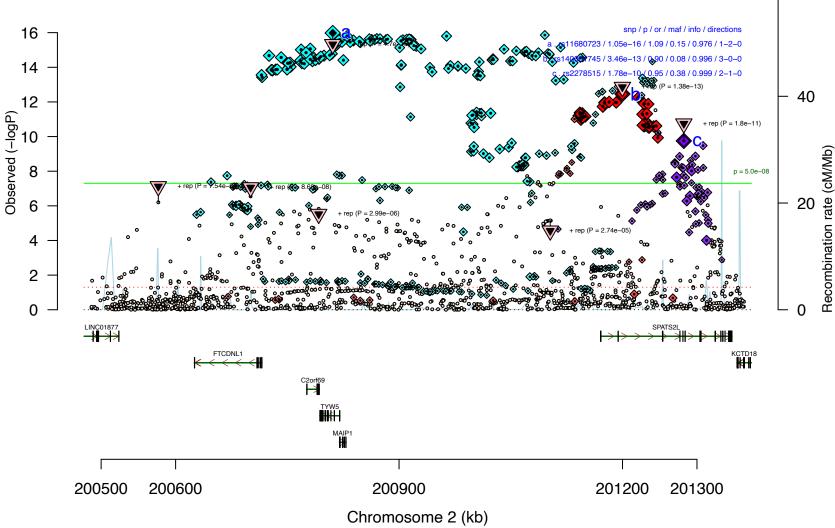
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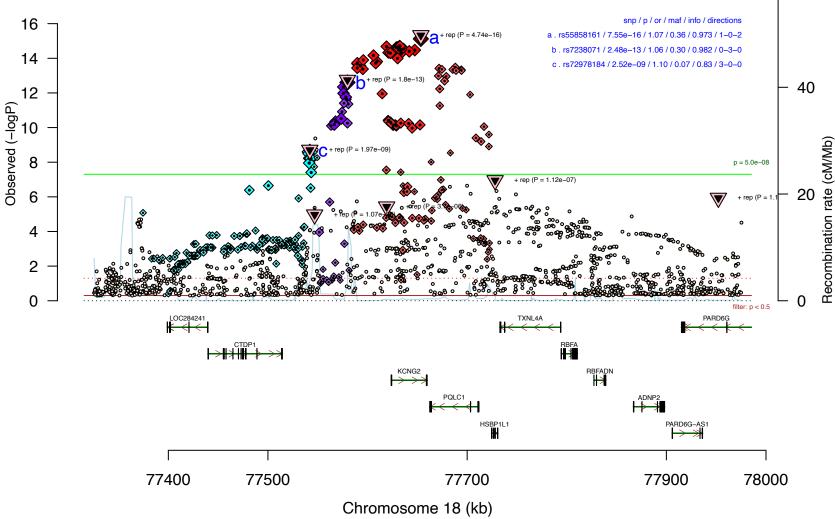
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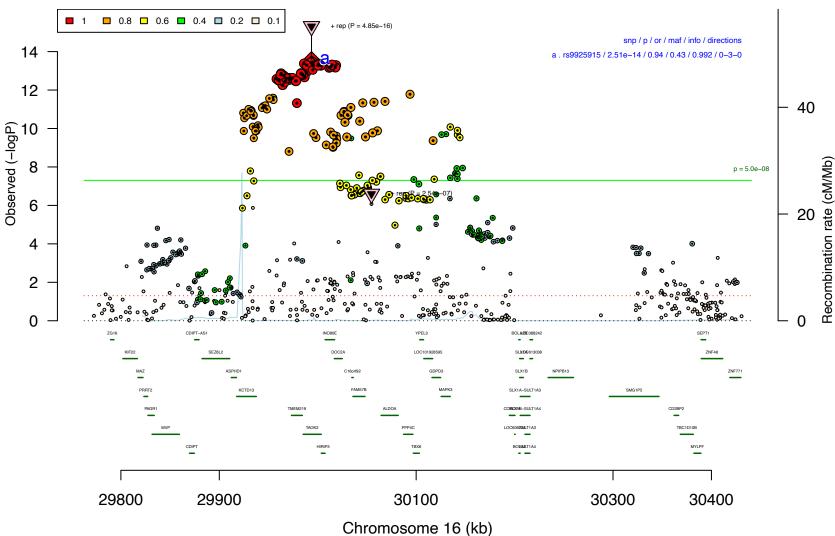
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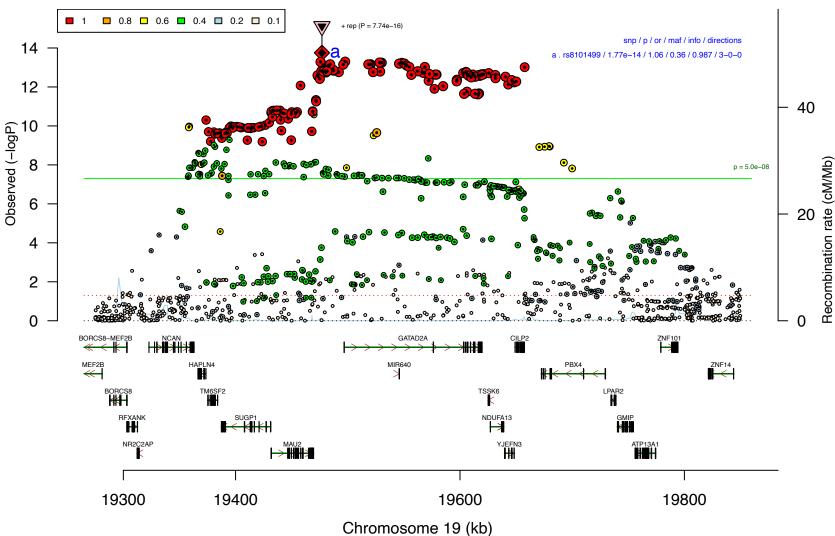
#### PGC\_SCZ\_w3\_90\_0418b.27.chr18



# PGC\_SCZ\_w3\_90\_0418b.28.chr16

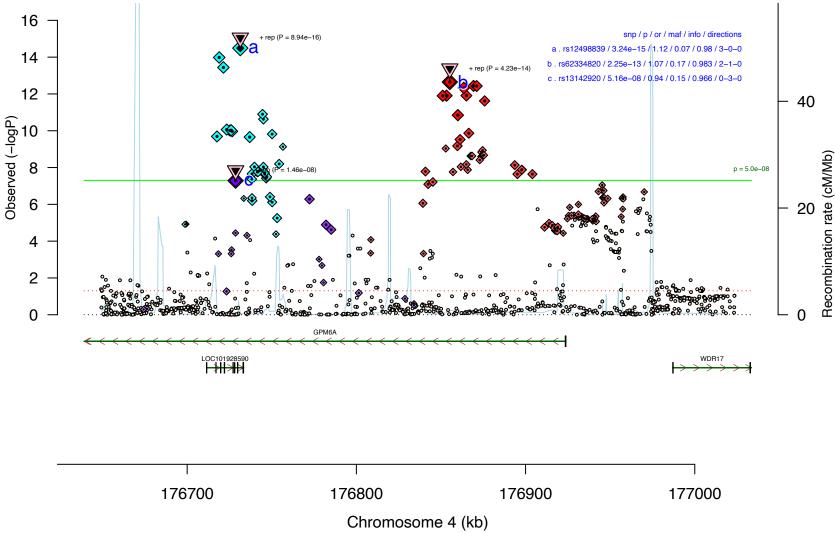


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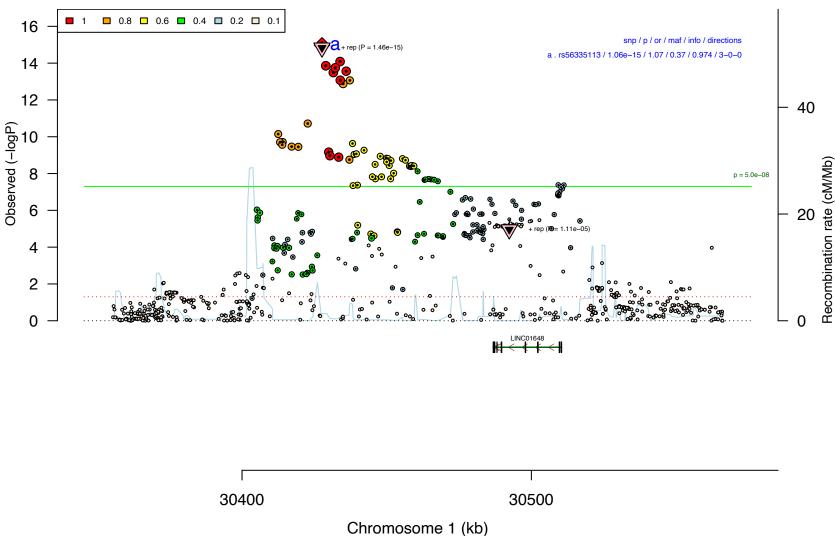


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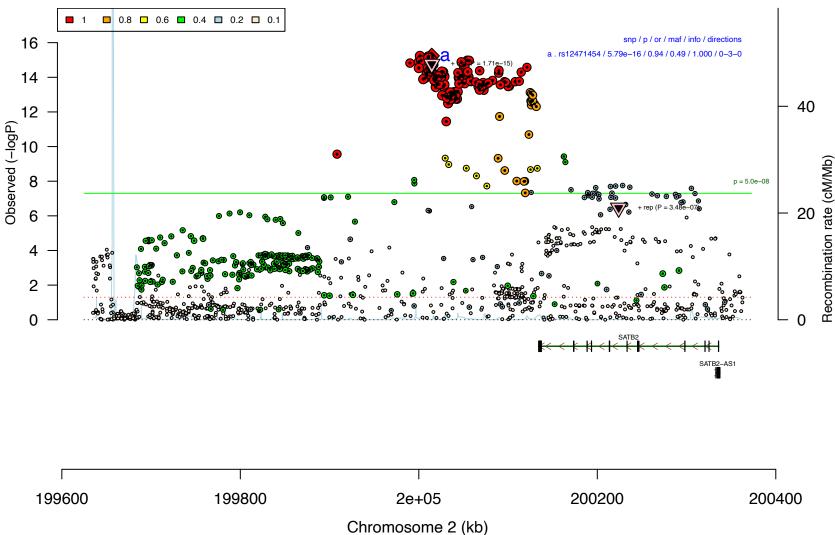
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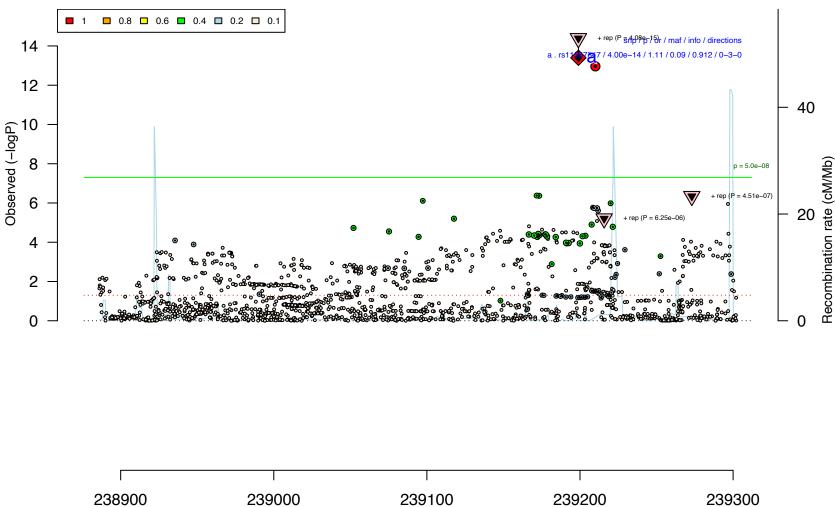
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PGC\_SCZ\_w3\_90\_0418b.32.chr2

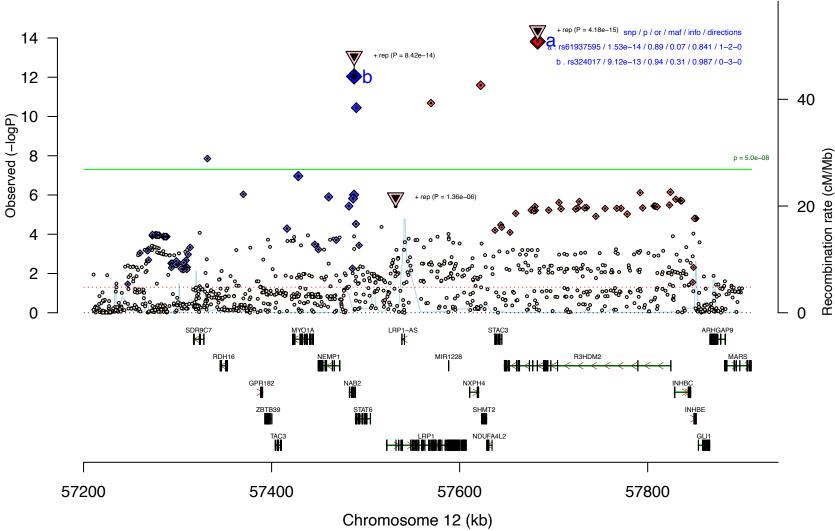


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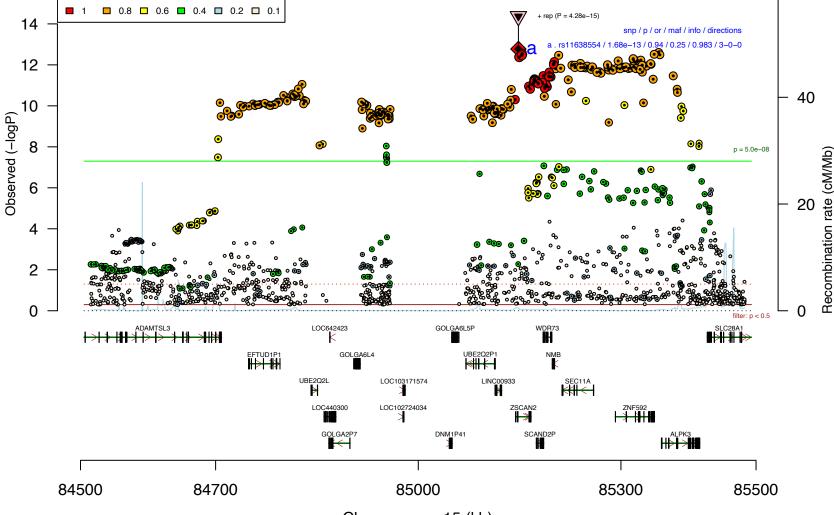


Chromosome 1 (kb)

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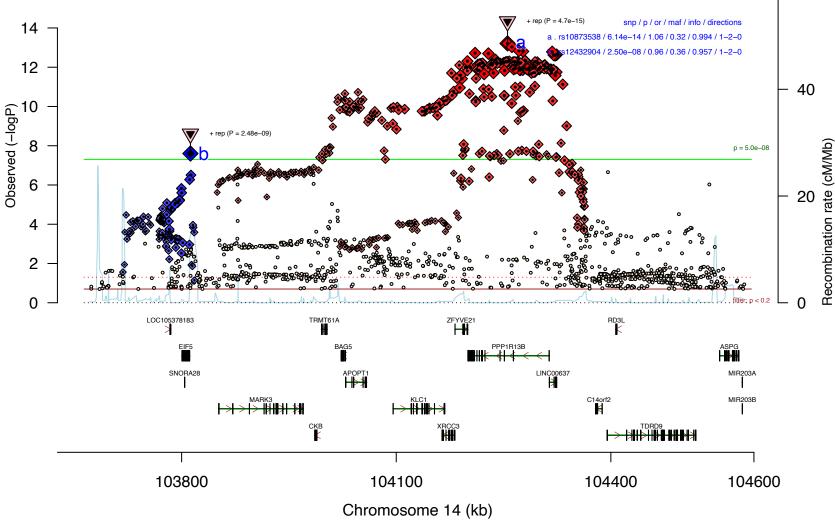


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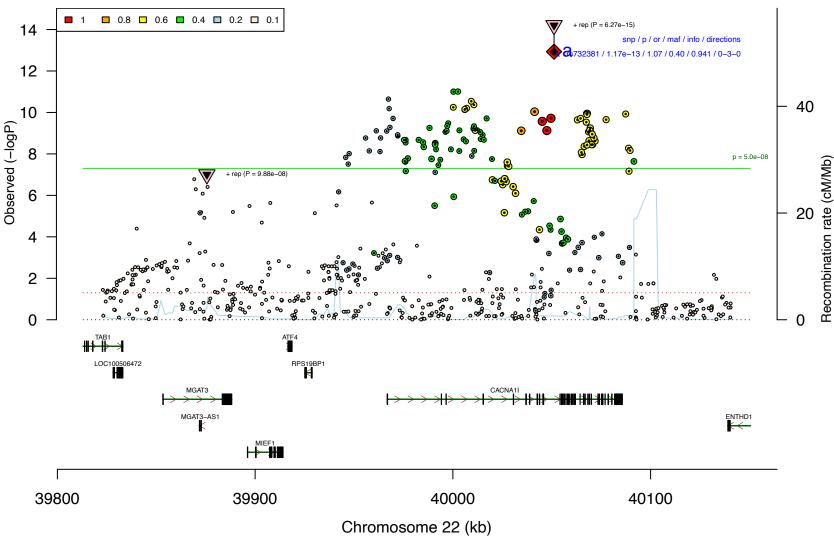


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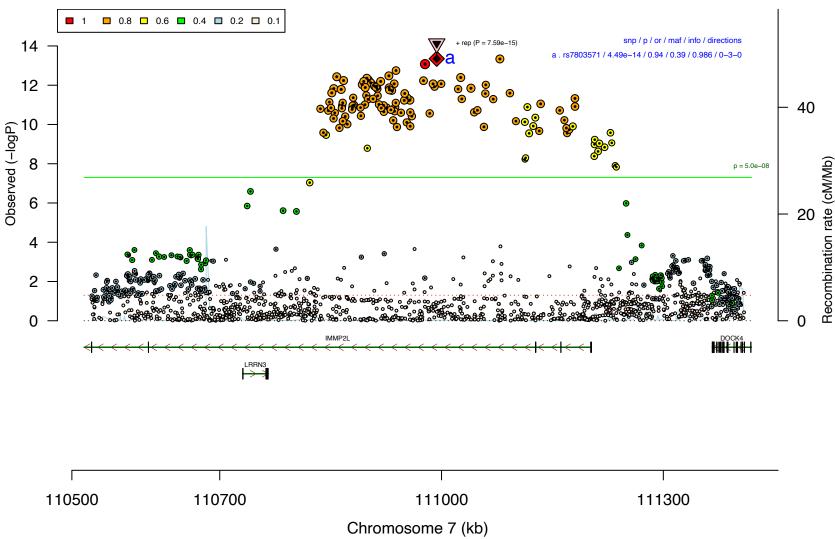


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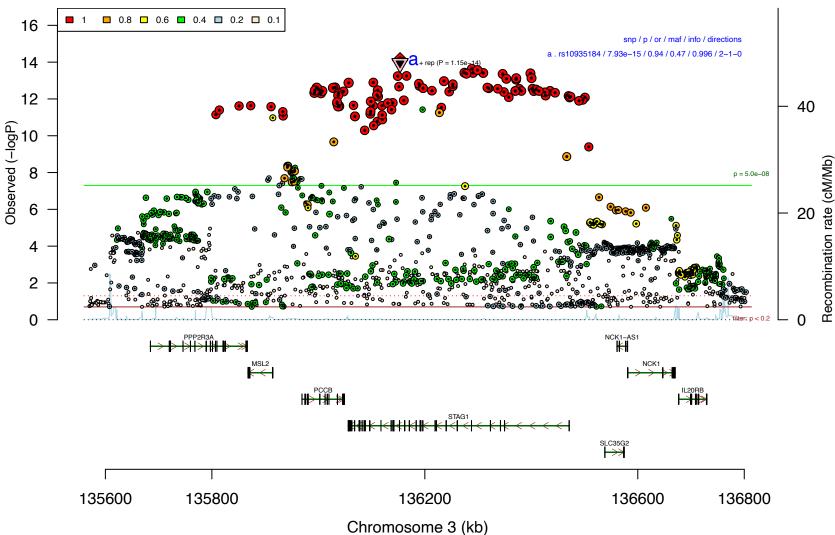


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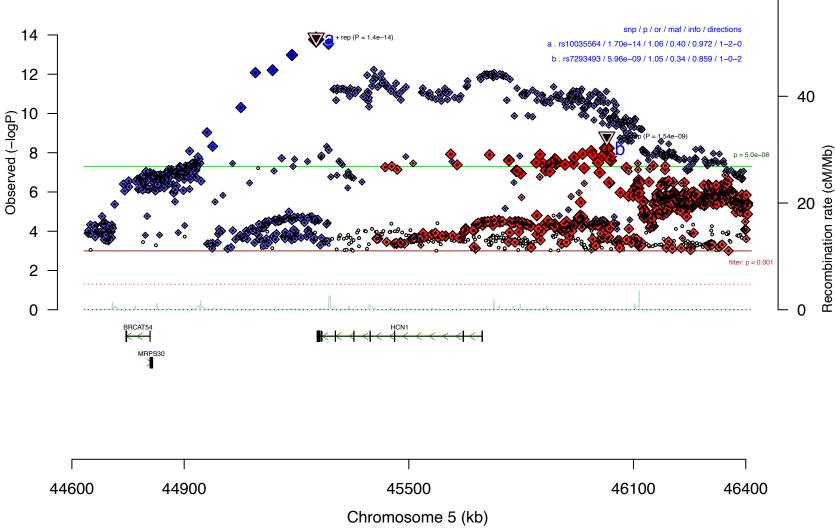
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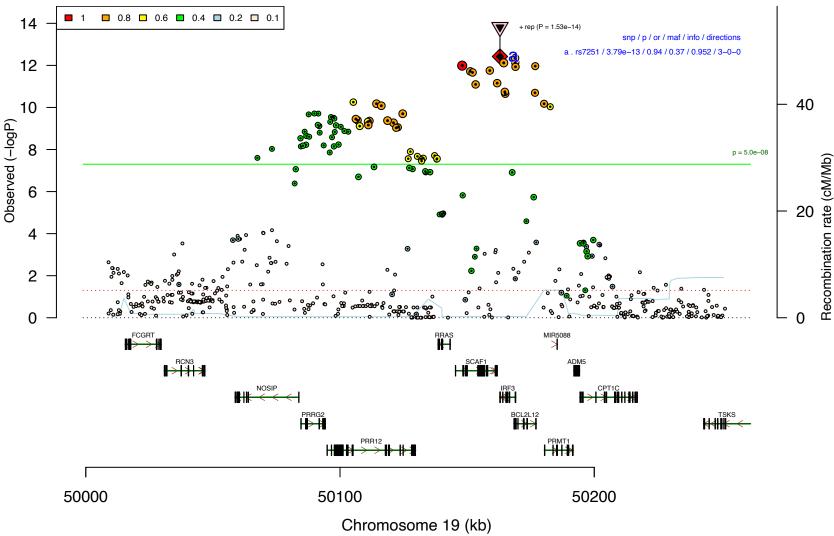
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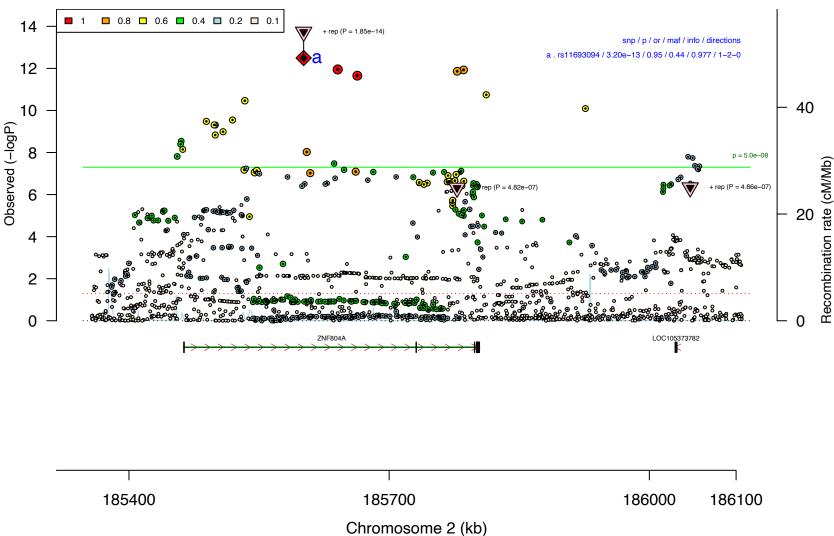
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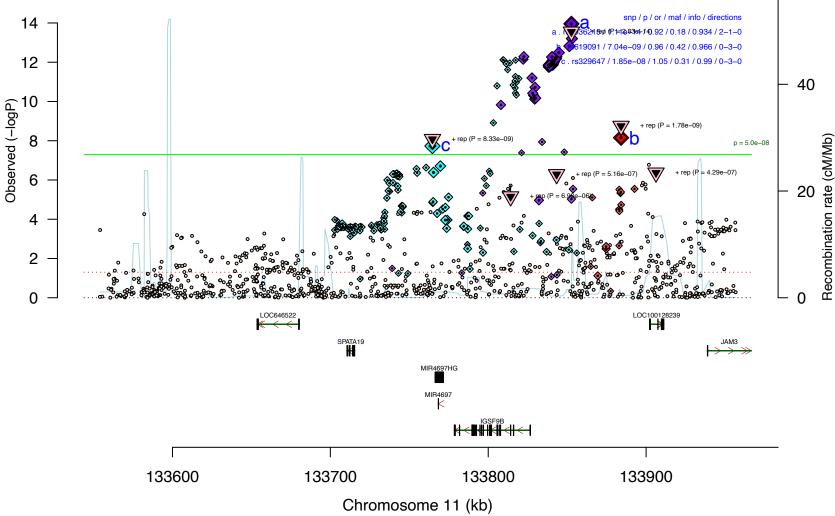
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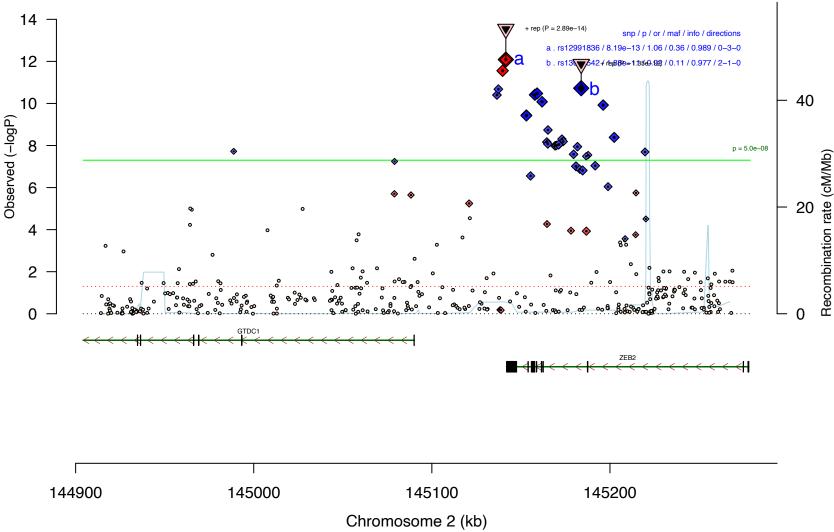


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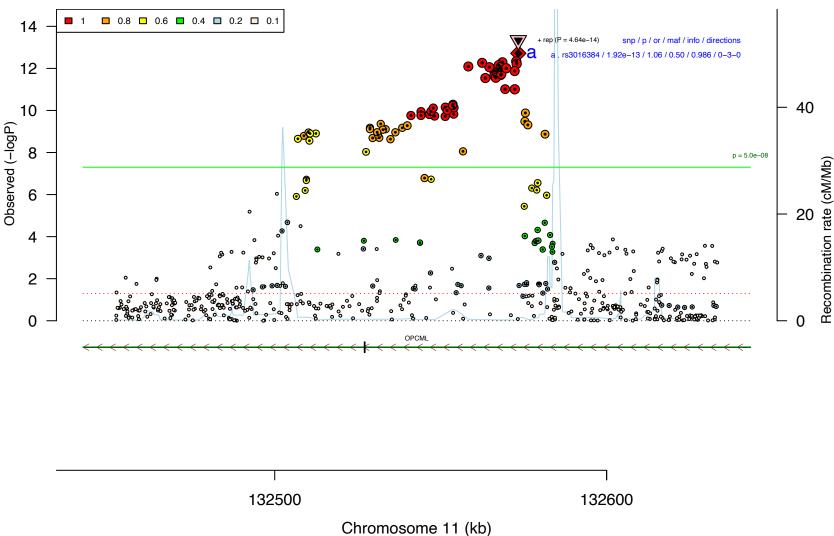


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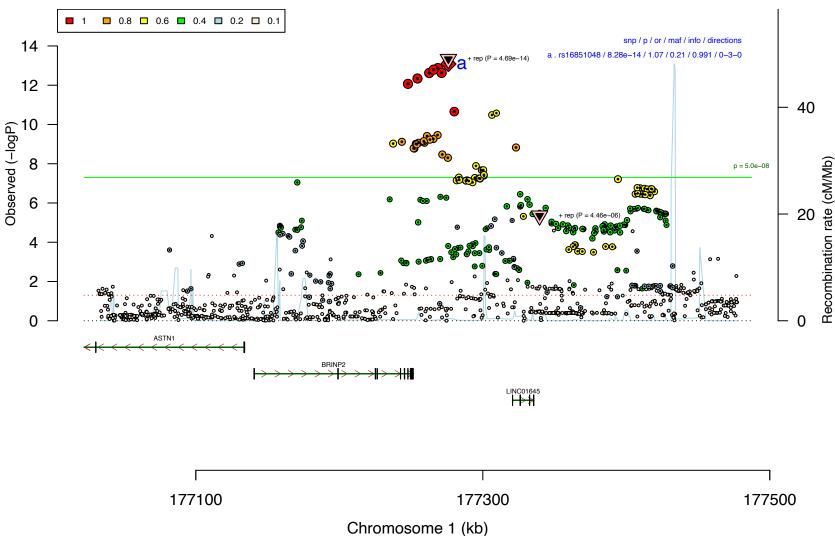
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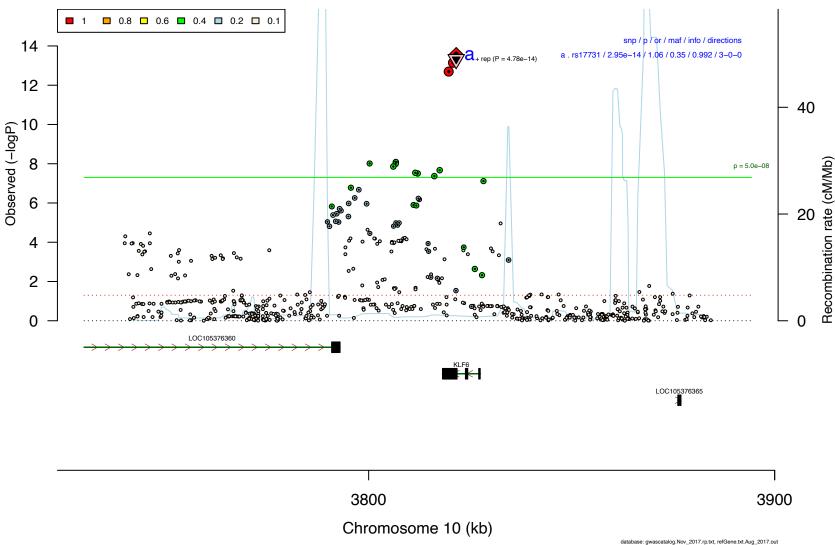
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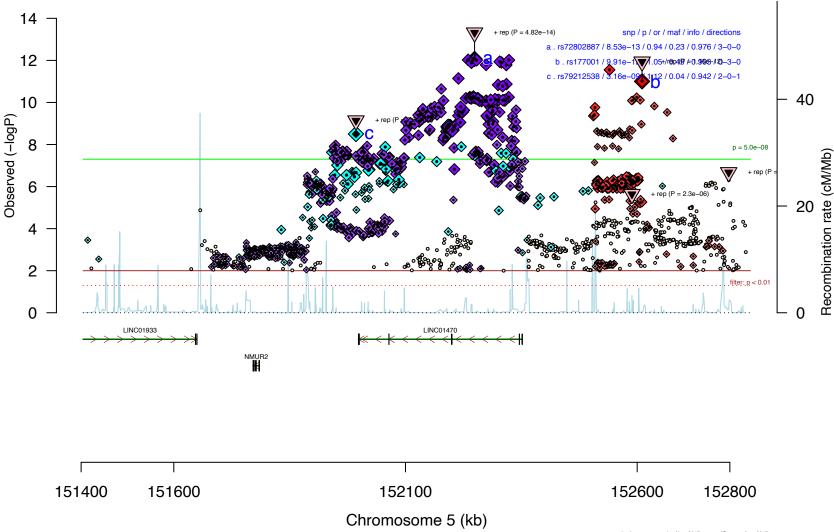
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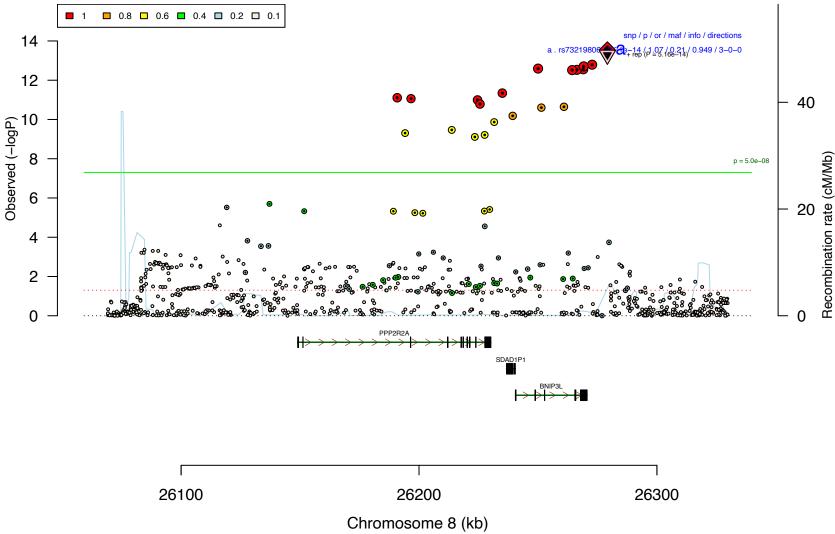
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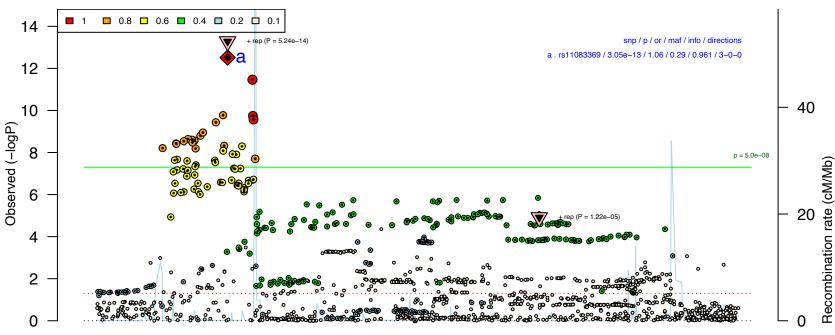
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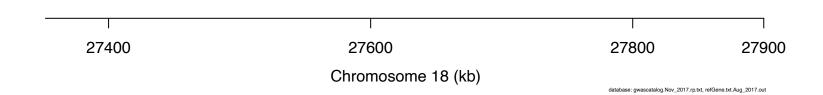


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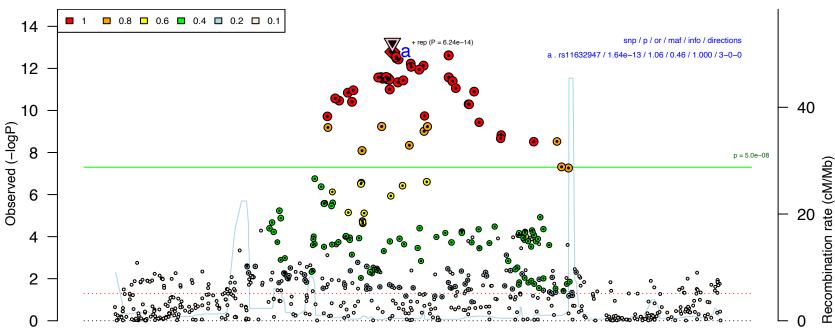


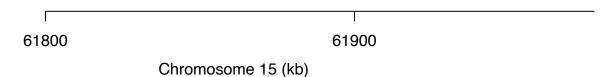
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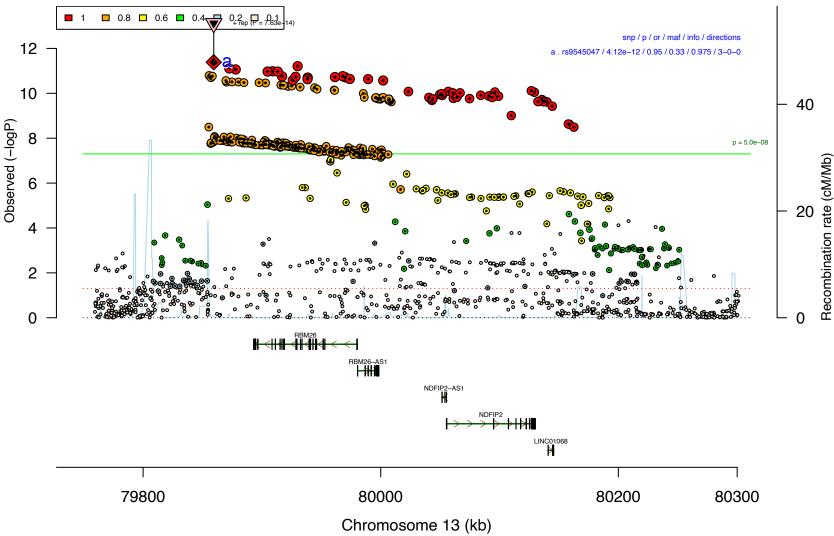


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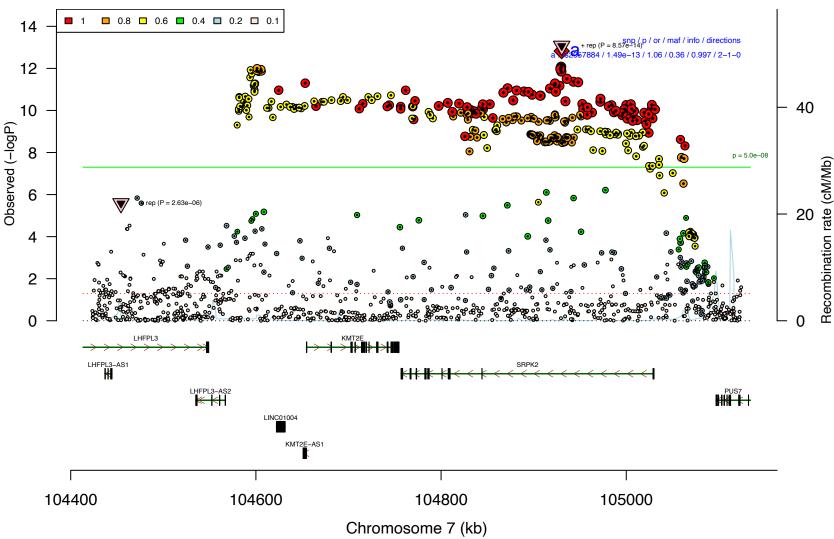




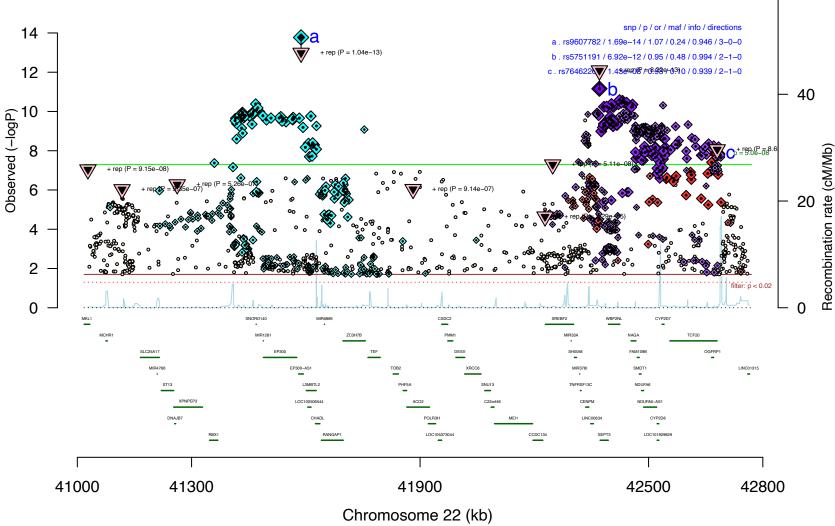
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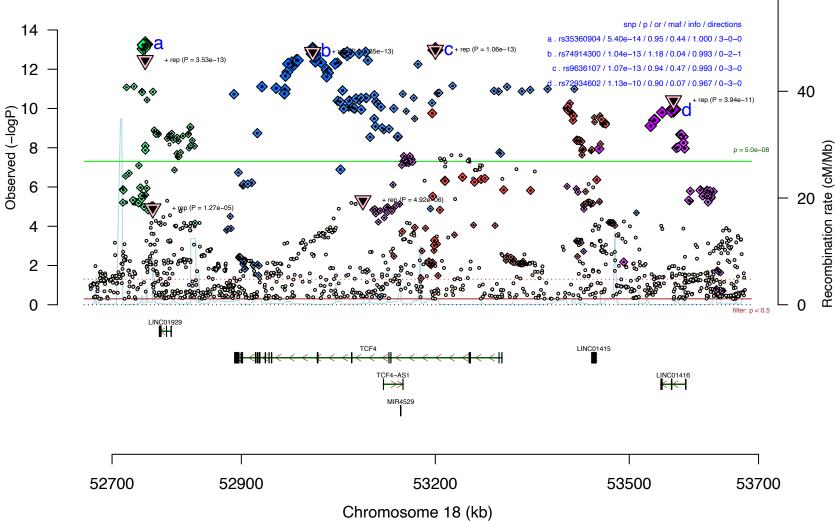
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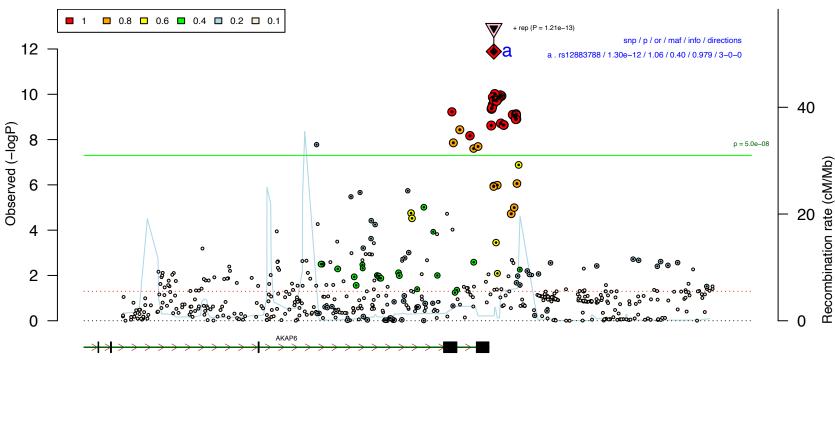


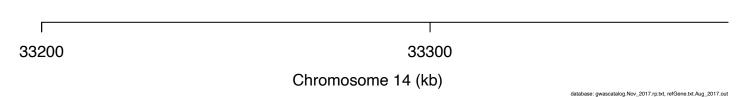
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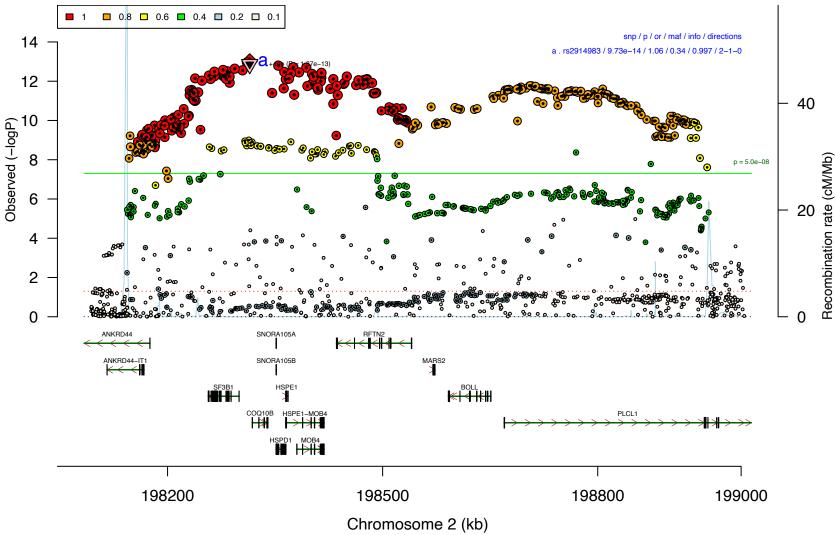
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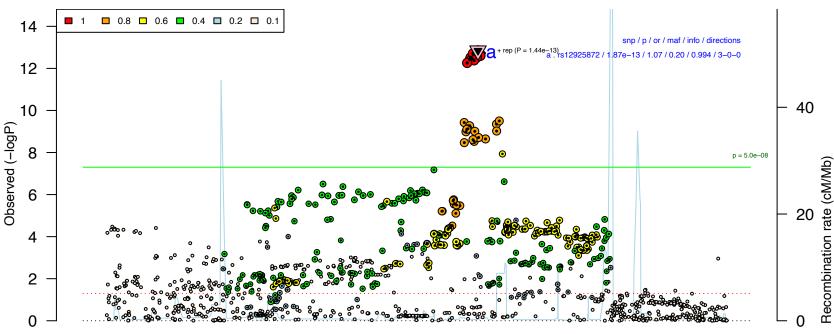


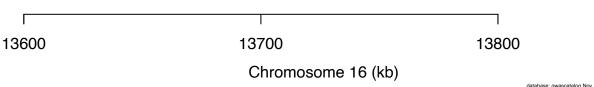


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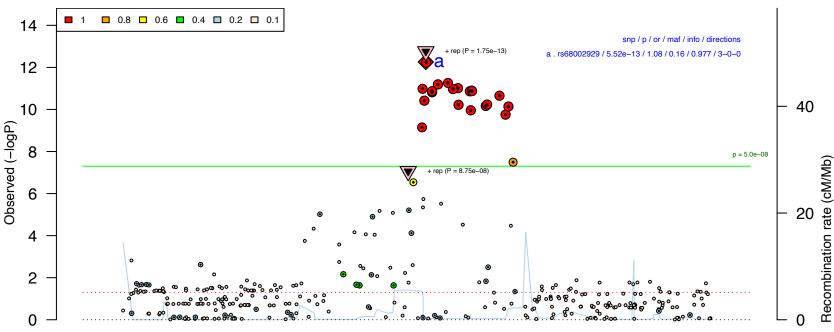


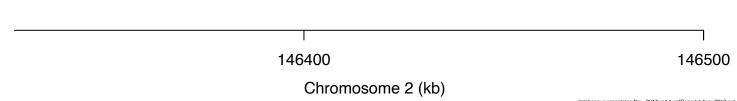
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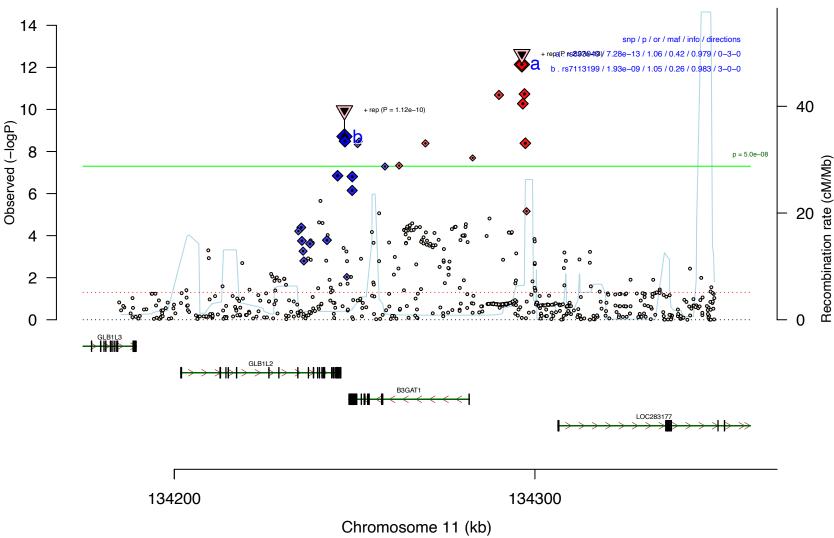


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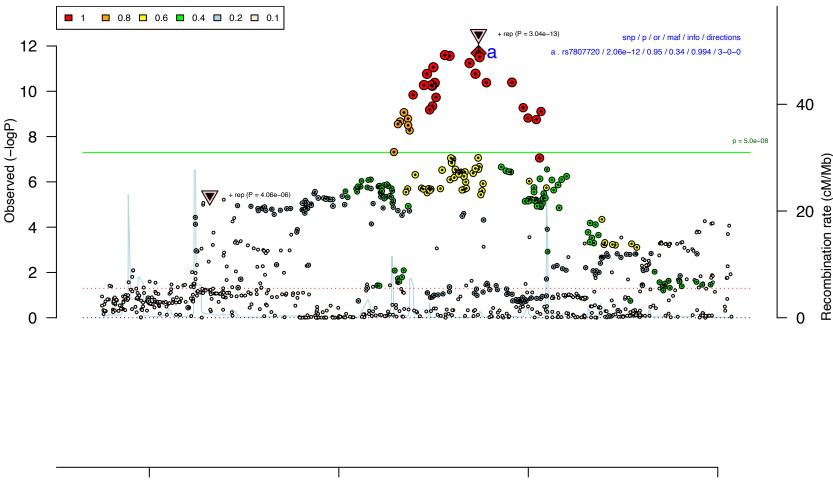




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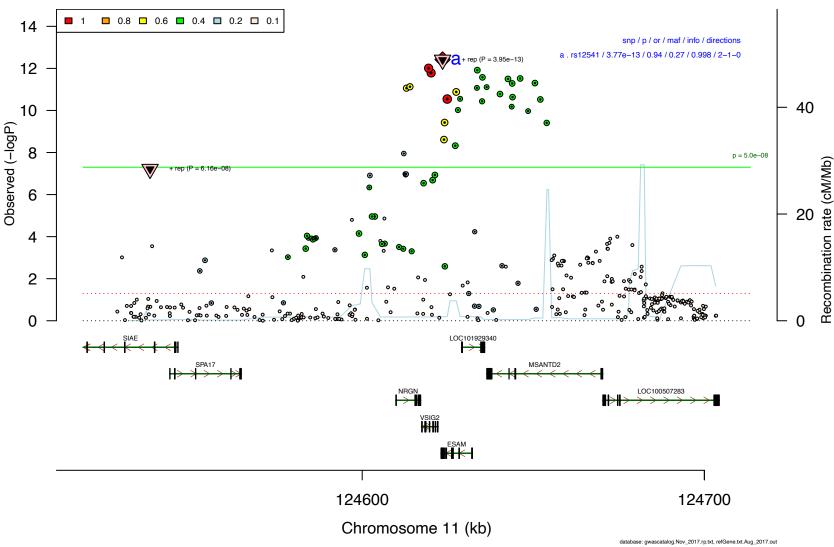


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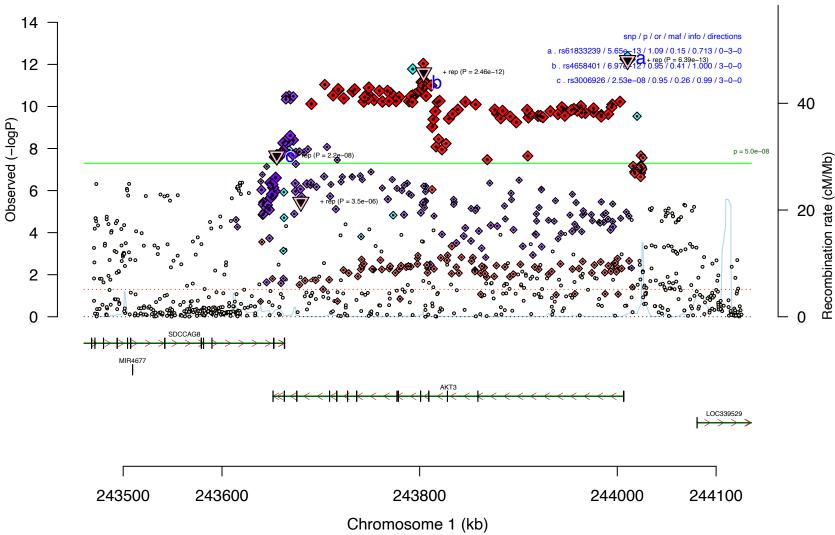




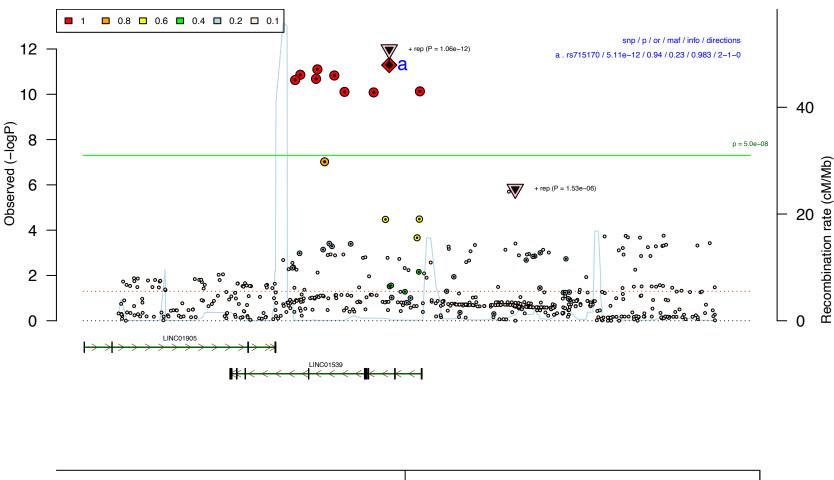
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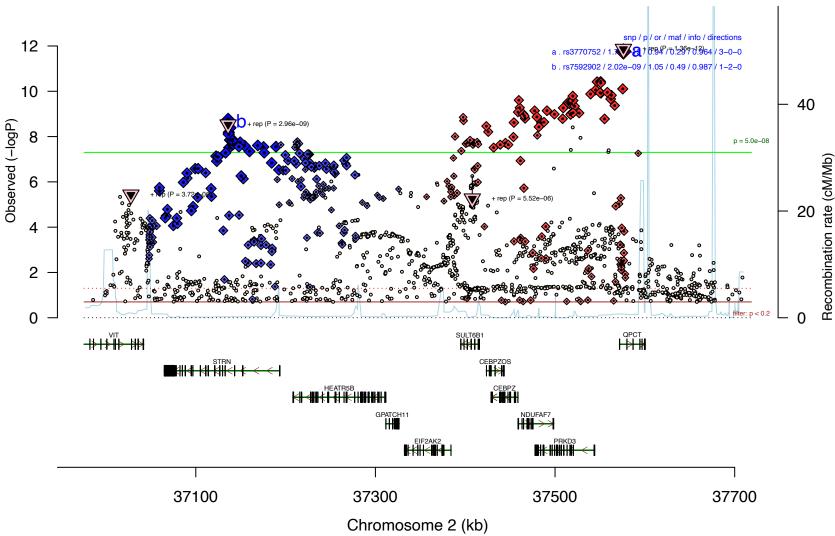




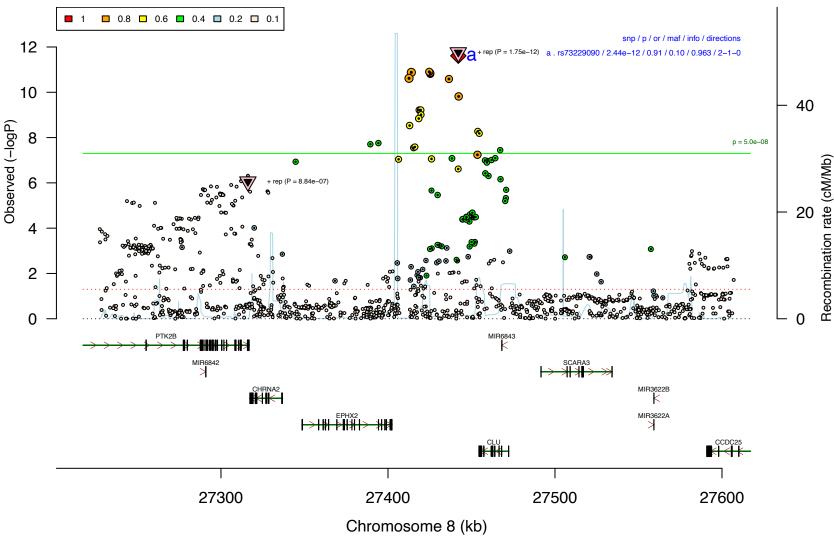
Chromosome 18 (kb)

53900

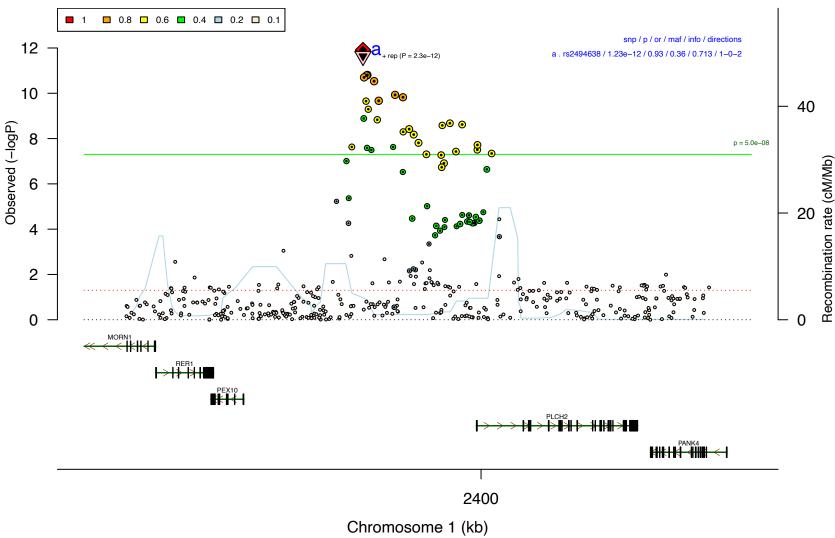
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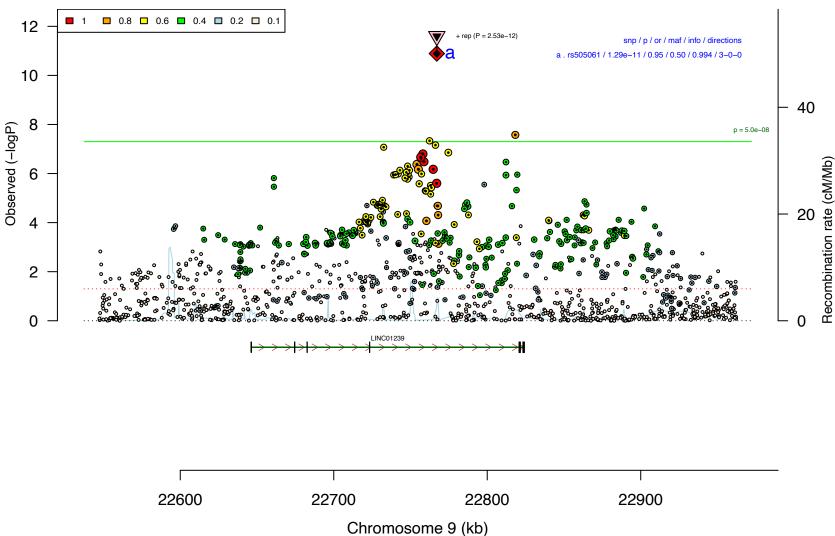
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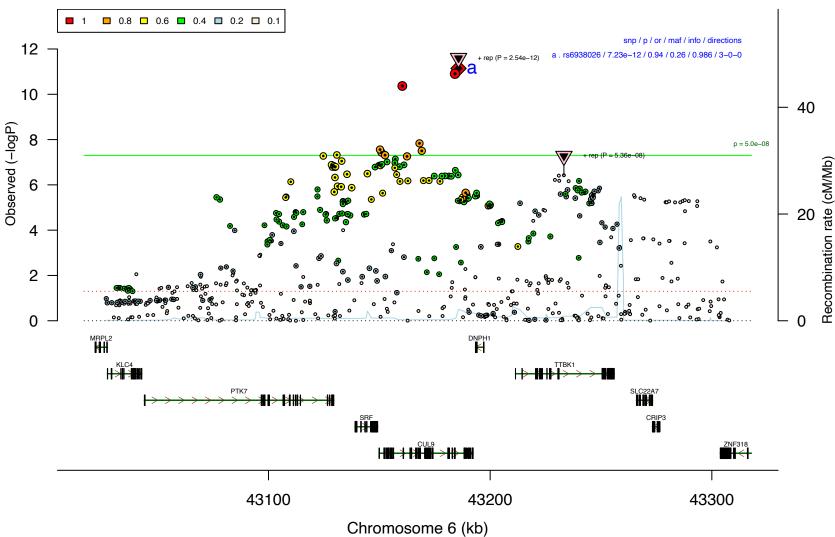
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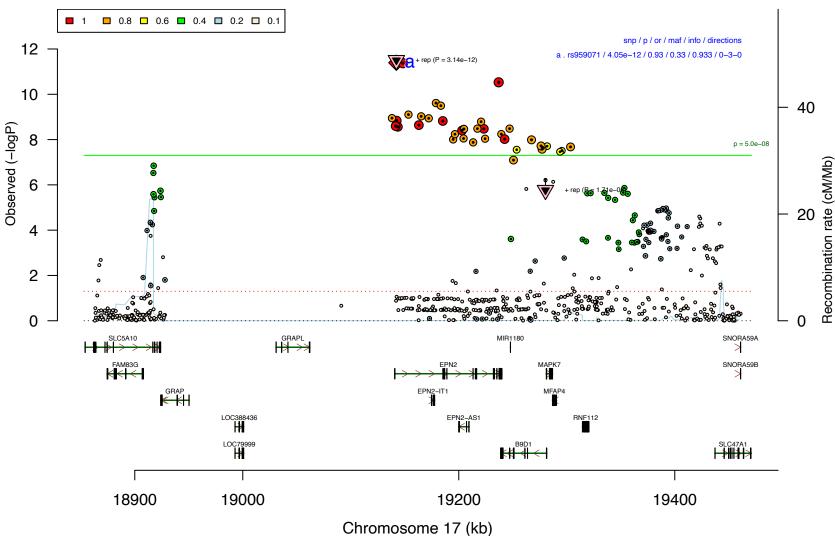
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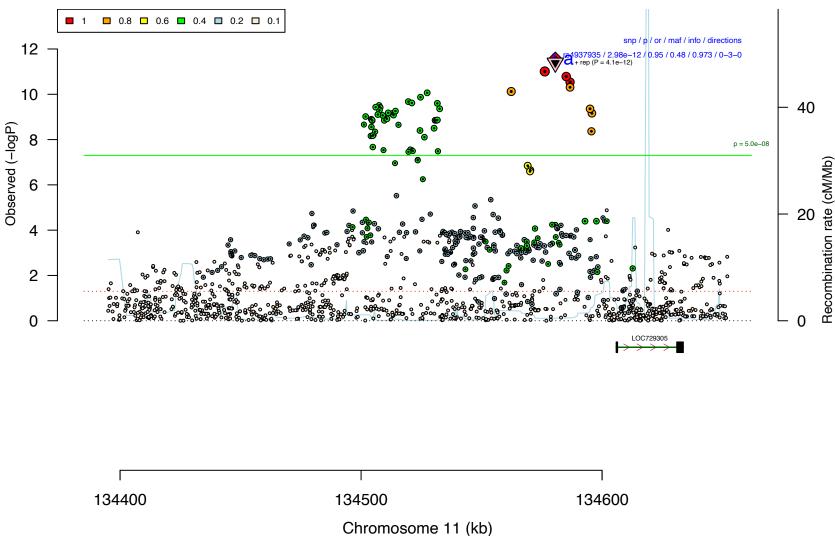


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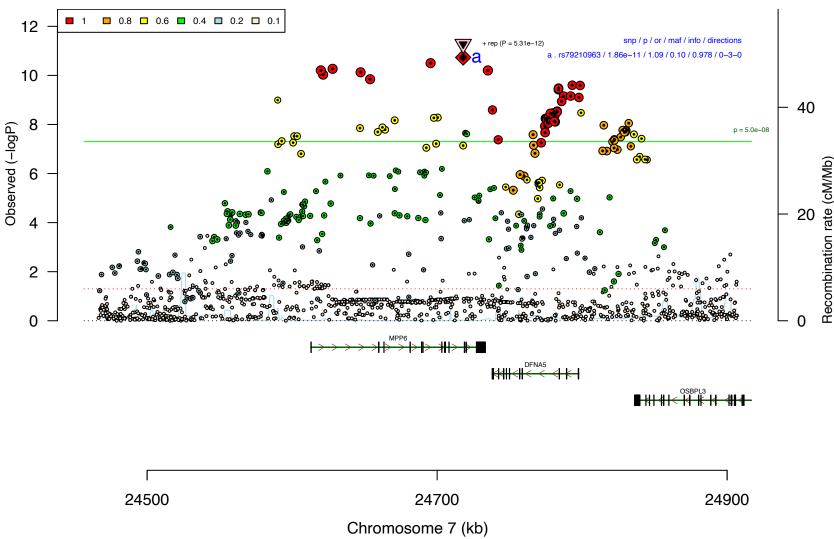


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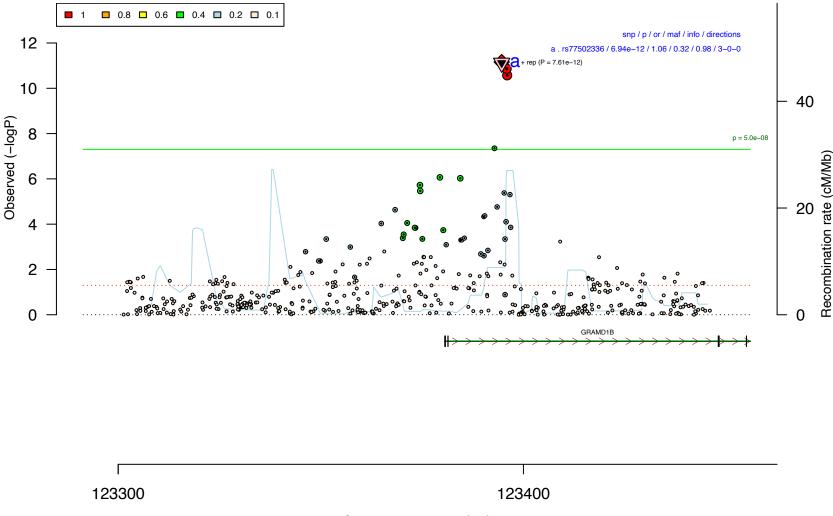
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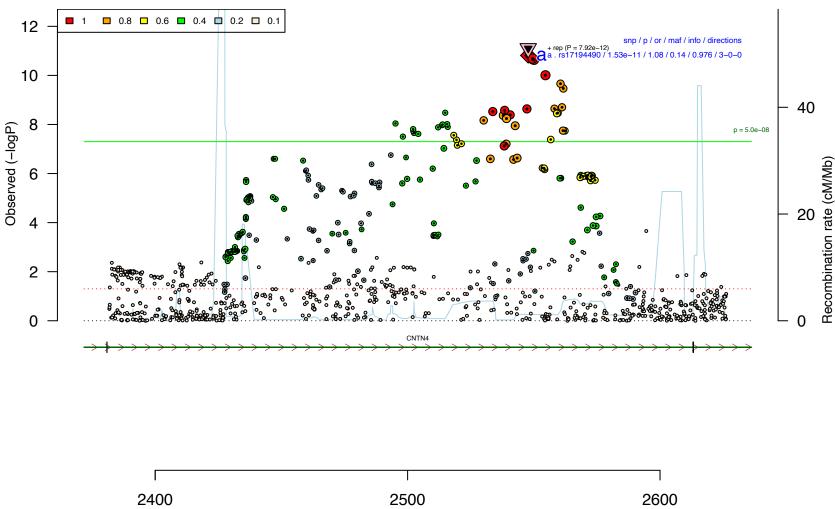


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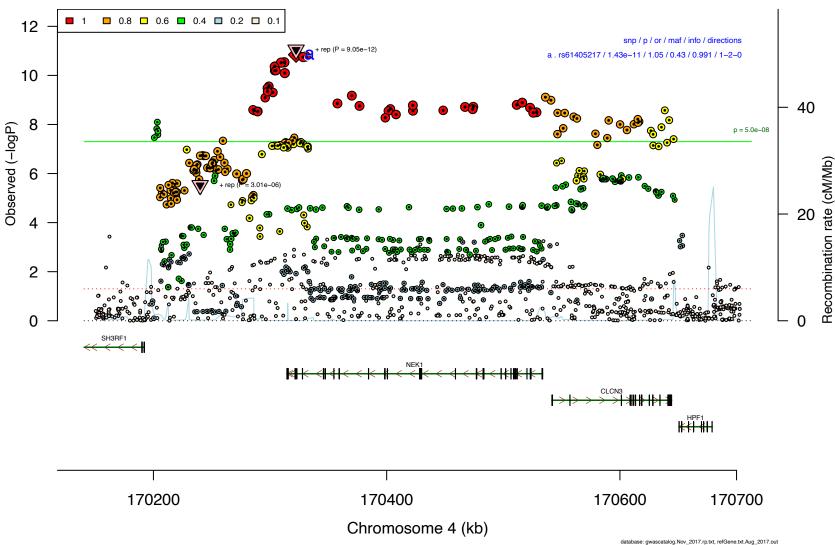
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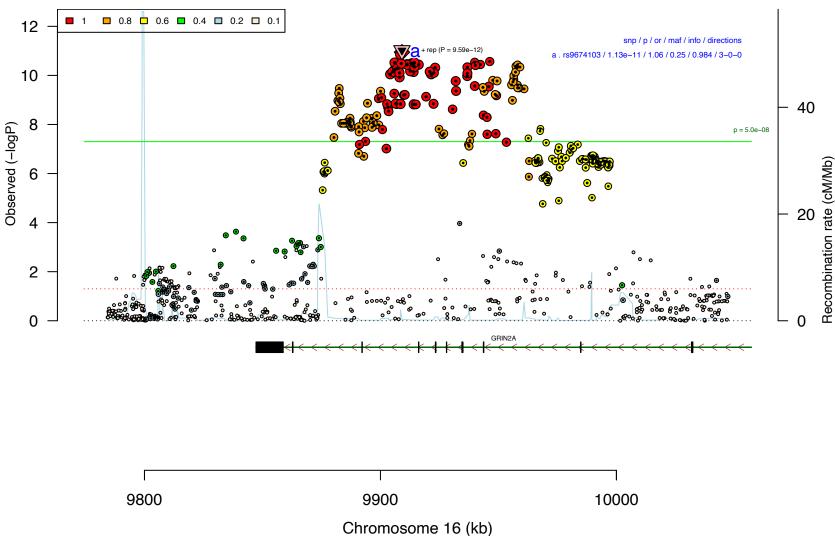


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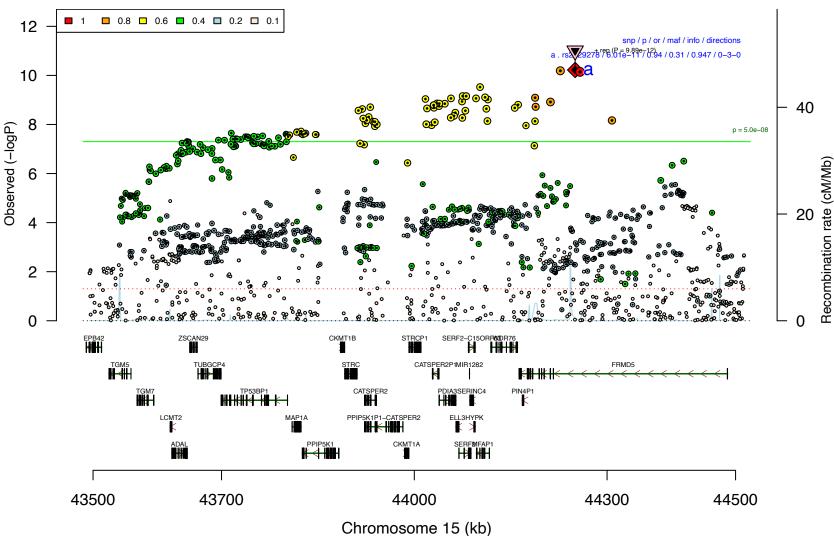
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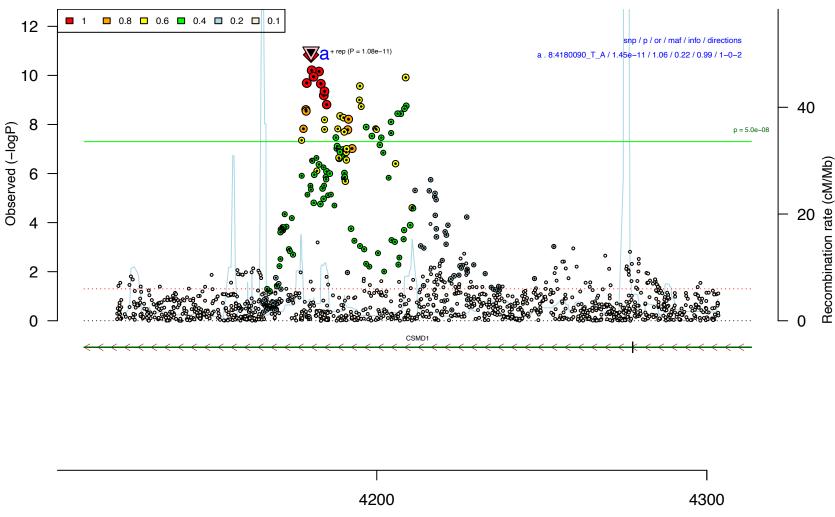
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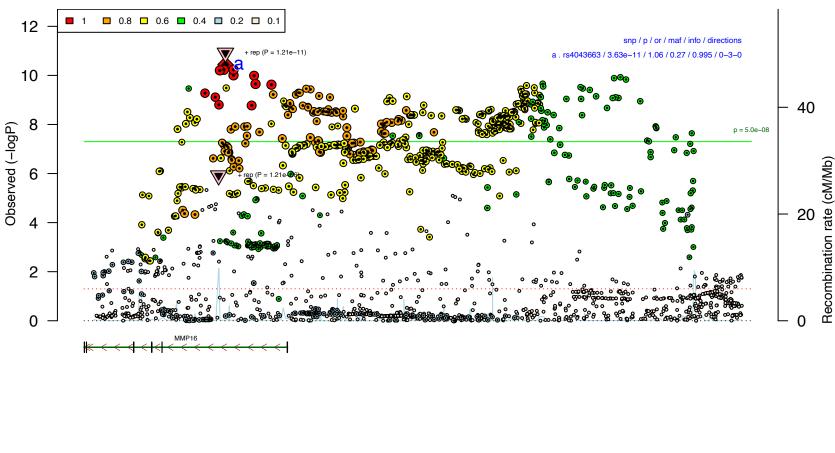


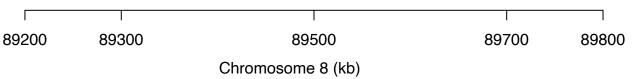
## PGC\_SCZ\_w3\_90\_0418b.78.chr8



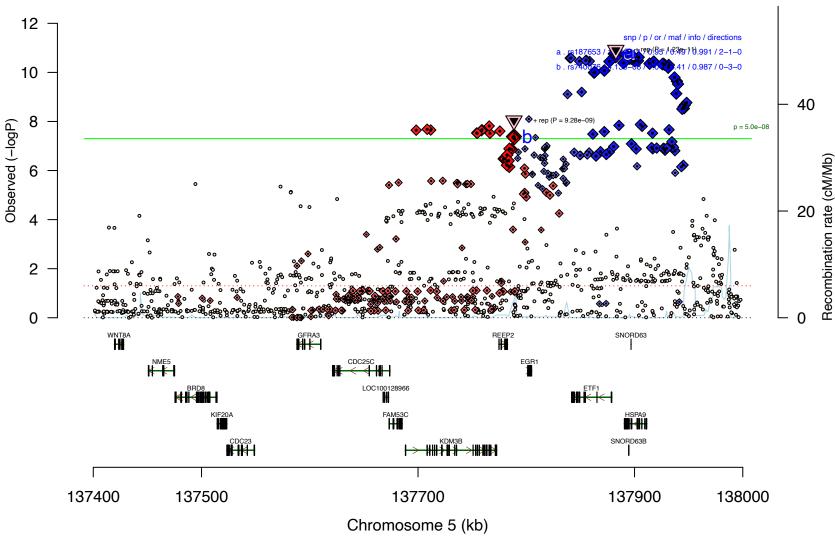
Chromosome 8 (kb)

# PGC\_SCZ\_w3\_90\_0418b.79.chr8

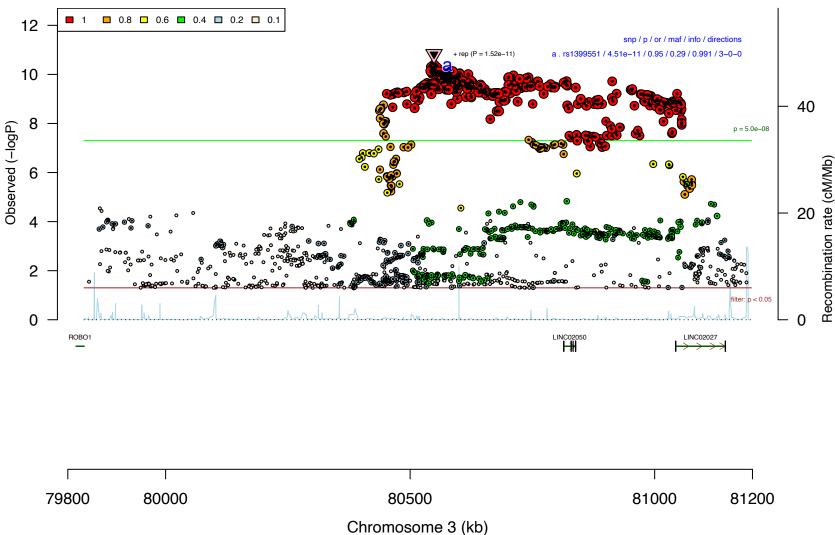




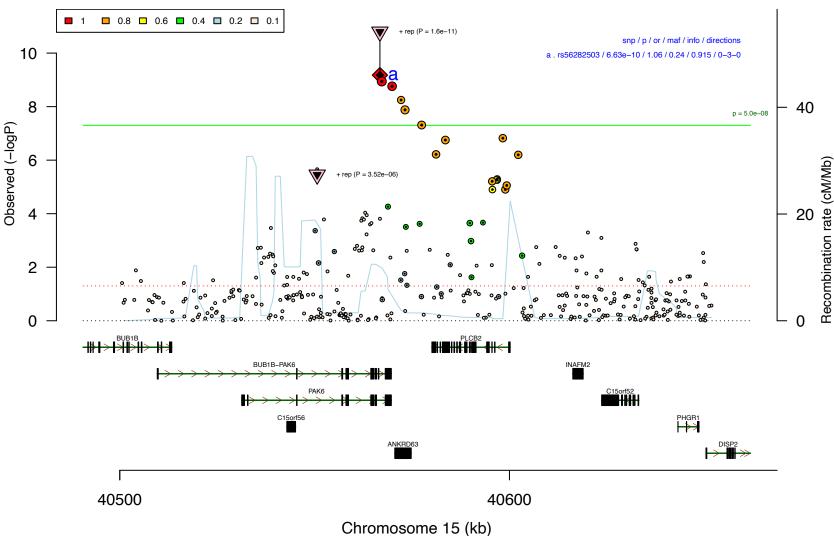
# PGC\_SCZ\_w3\_90\_0418b.80.chr5



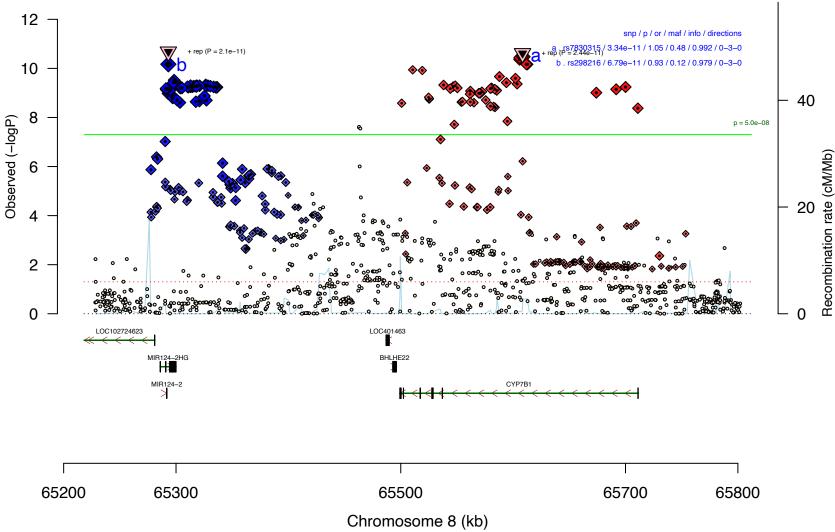
# PGC\_SCZ\_w3\_90\_0418b.81.chr3



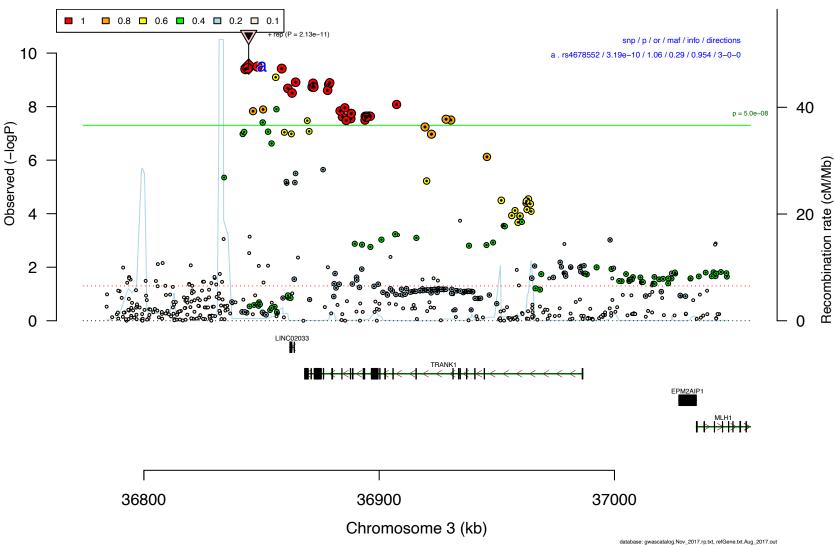
## PGC\_SCZ\_w3\_90\_0418b.82.chr15



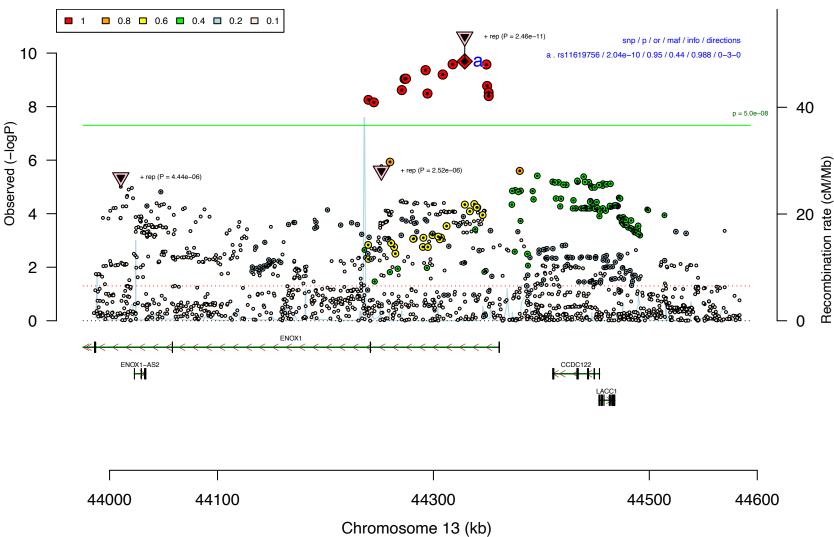
PGC\_SCZ\_w3\_90\_0418b.83.chr8



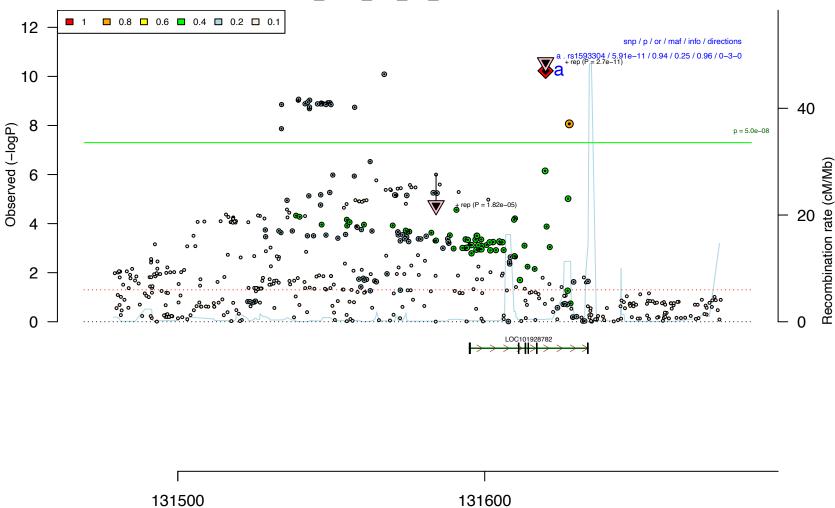
## PGC\_SCZ\_w3\_90\_0418b.84.chr3



#### PGC\_SCZ\_w3\_90\_0418b.85.chr13

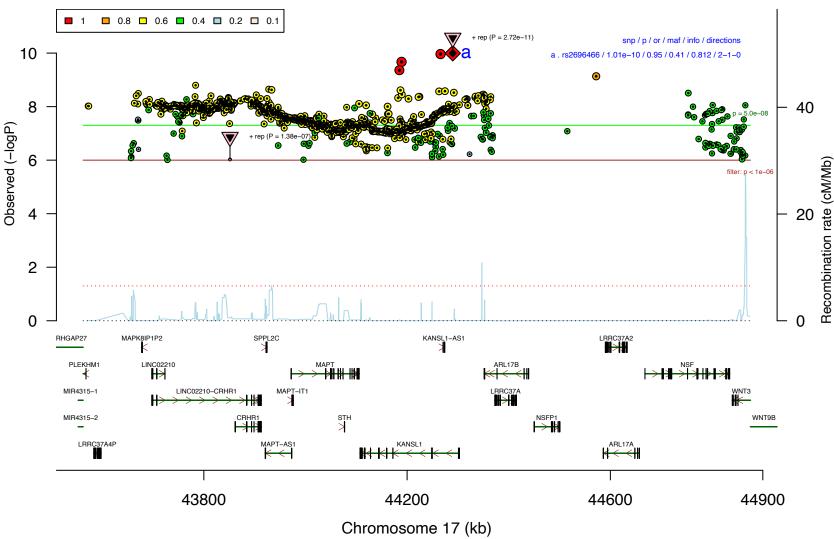


PGC\_SCZ\_w3\_90\_0418b.86.chr7

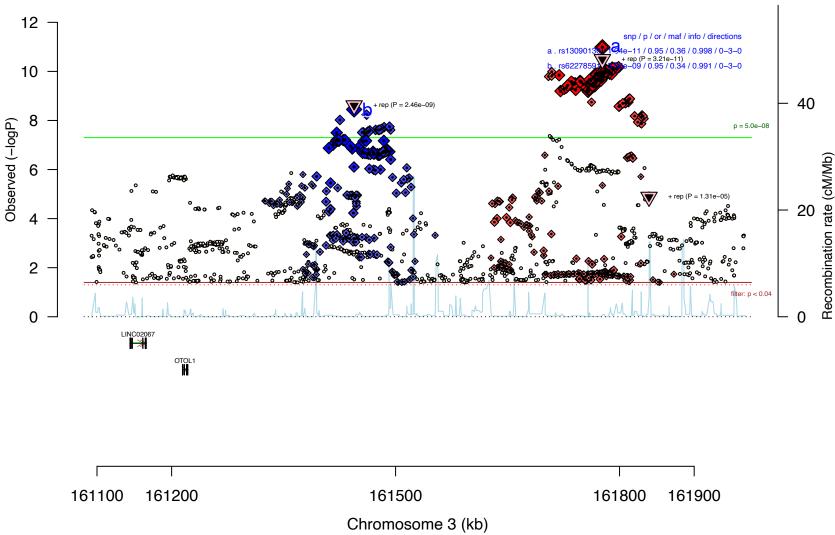


Chromosome 7 (kb)

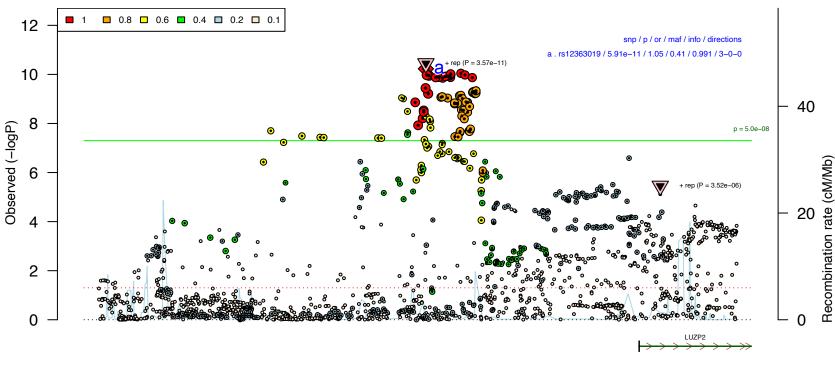
PGC\_SCZ\_w3\_90\_0418b.87.chr17

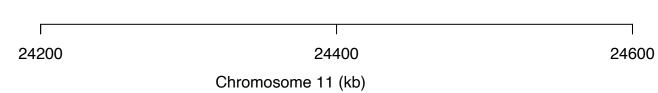


PGC\_SCZ\_w3\_90\_0418b.88.chr3

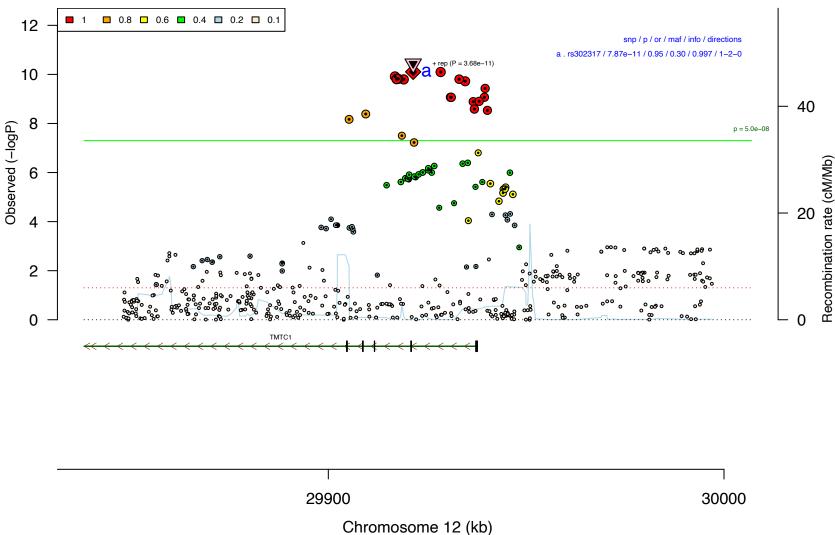


PGC\_SCZ\_w3\_90\_0418b.89.chr11

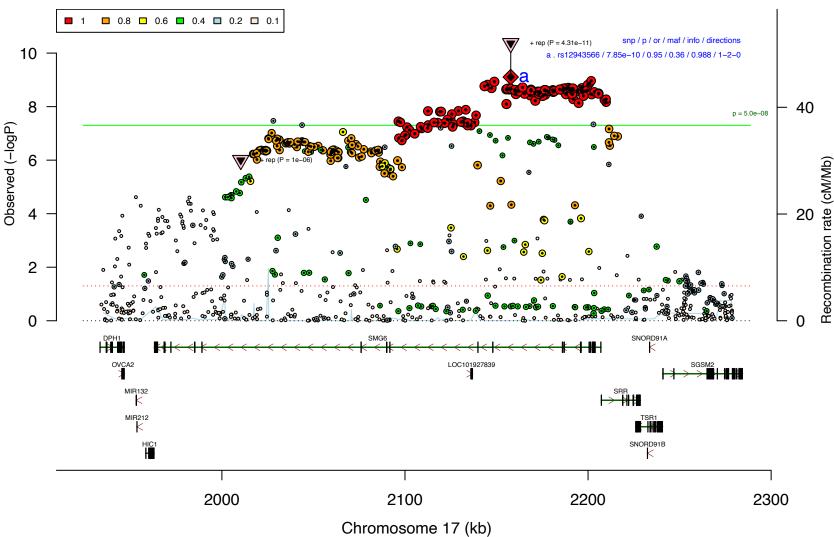




PGC\_SCZ\_w3\_90\_0418b.90.chr12

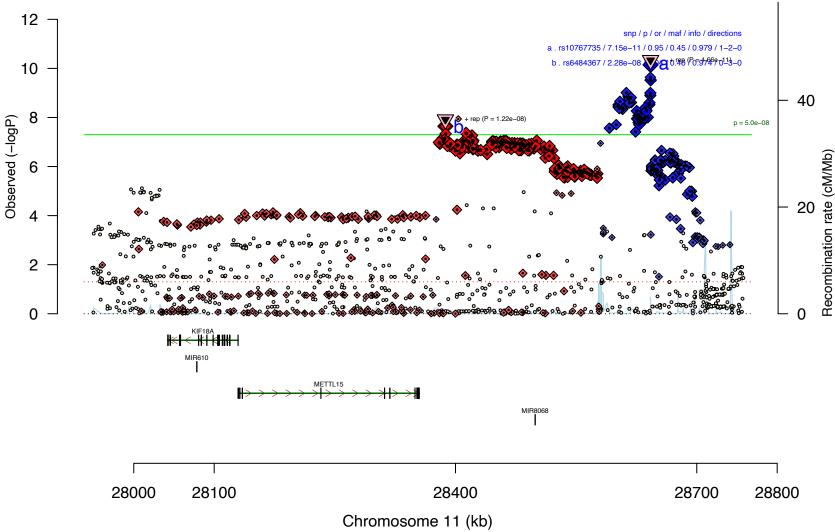


PGC\_SCZ\_w3\_90\_0418b.91.chr17



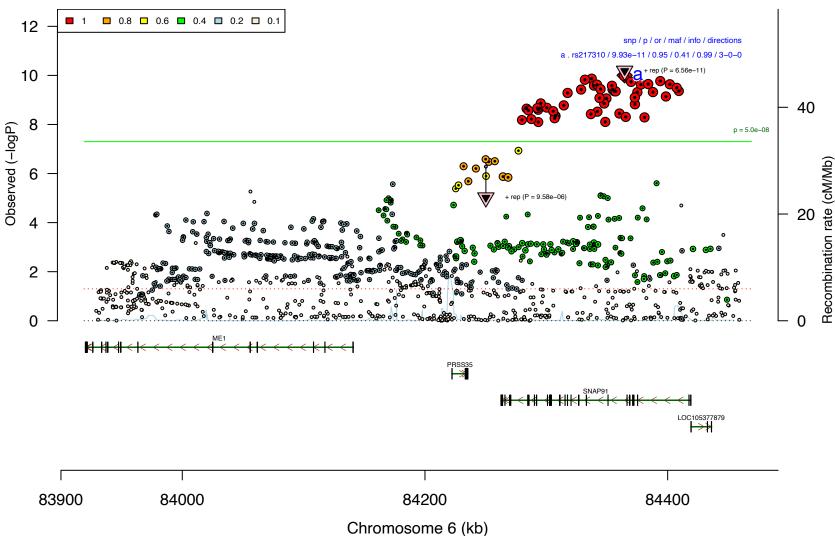
database: gwascatalog.Nov\_2017.rp.txt, refGene.txt.Aug\_2017.out

#### PGC\_SCZ\_w3\_90\_0418b.92.chr11

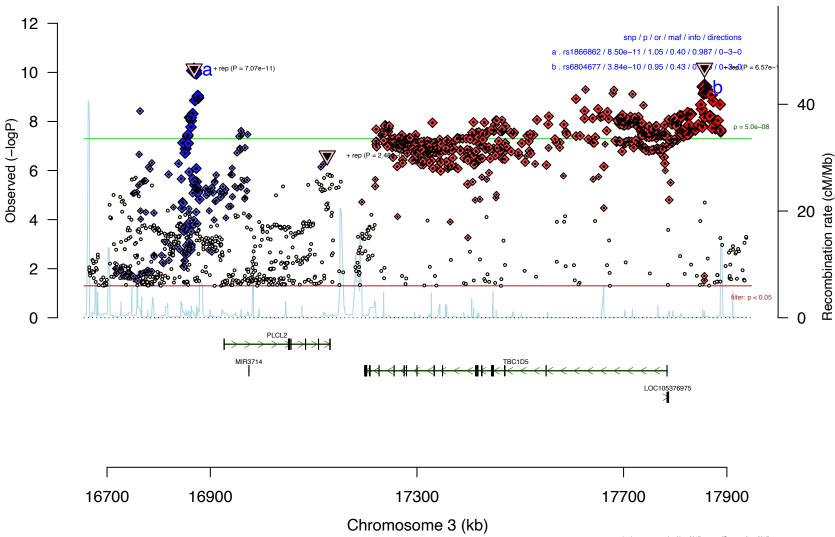


database: gwascatalog.Nov\_2017.rp.txt, refGene.txt.Aug\_2017.out

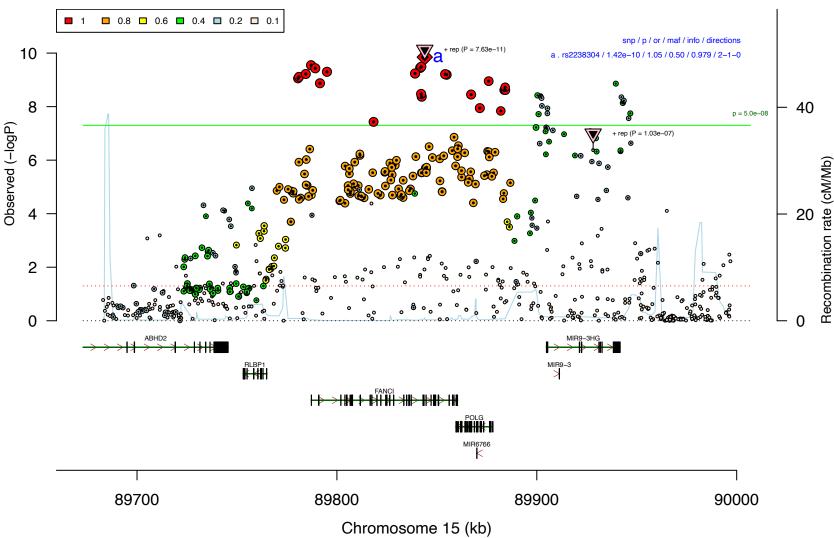
#### PGC\_SCZ\_w3\_90\_0418b.93.chr6



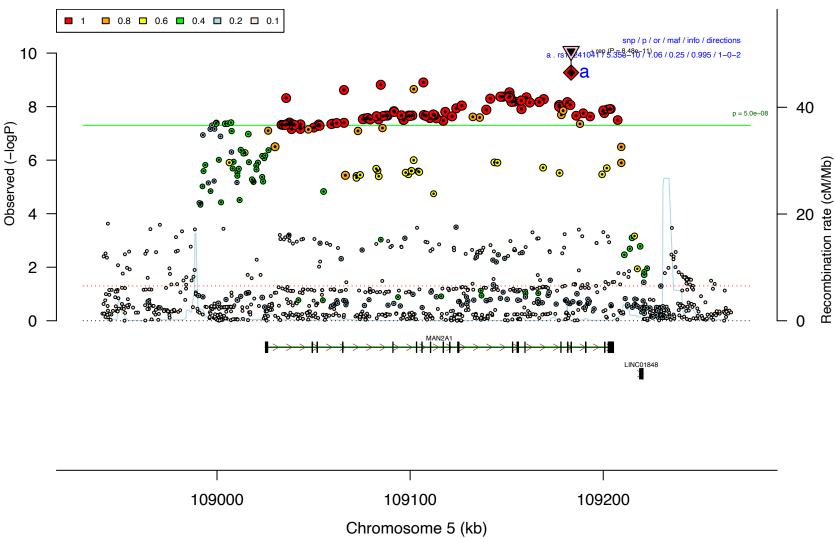
# PGC\_SCZ\_w3\_90\_0418b.94.chr3



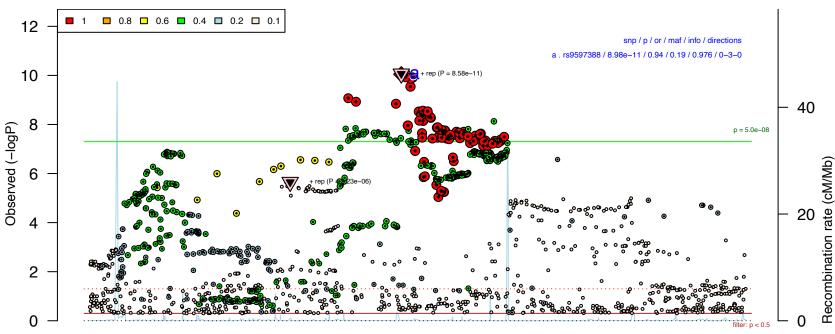
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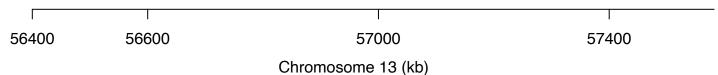


PGC\_SCZ\_w3\_90\_0418b.96.chr5

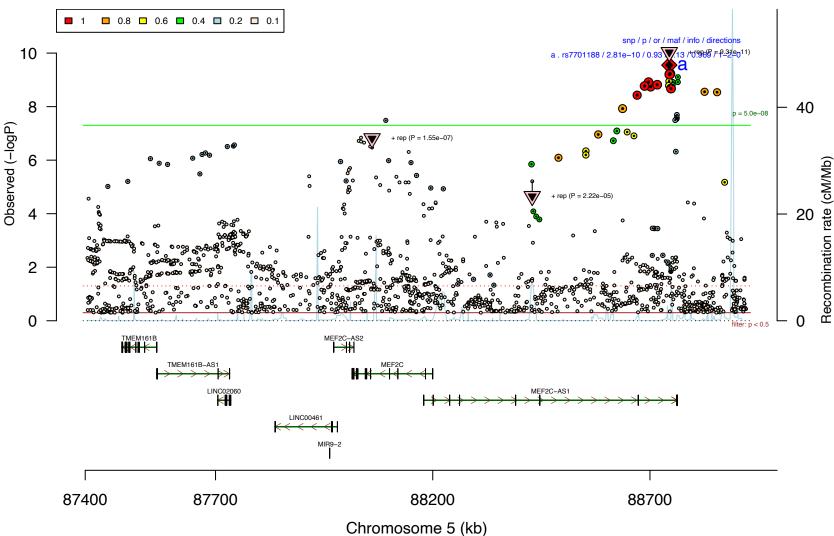


PGC\_SCZ\_w3\_90\_0418b.97.chr13

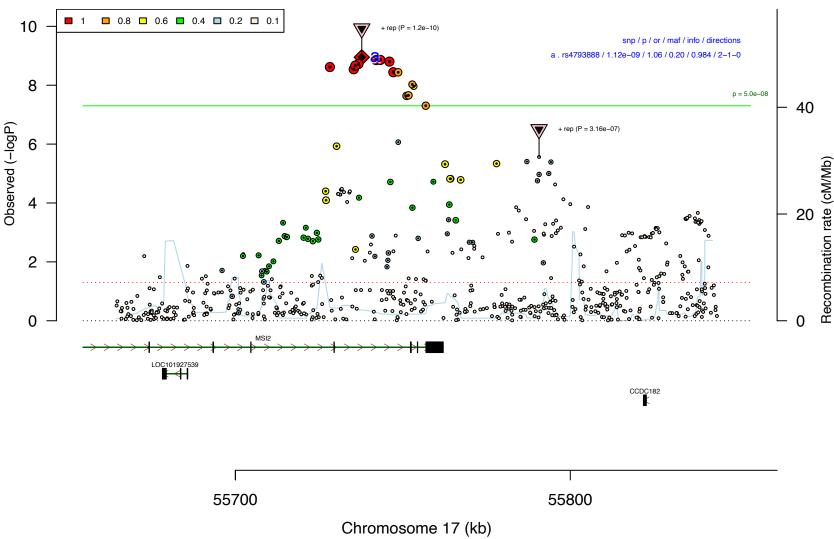




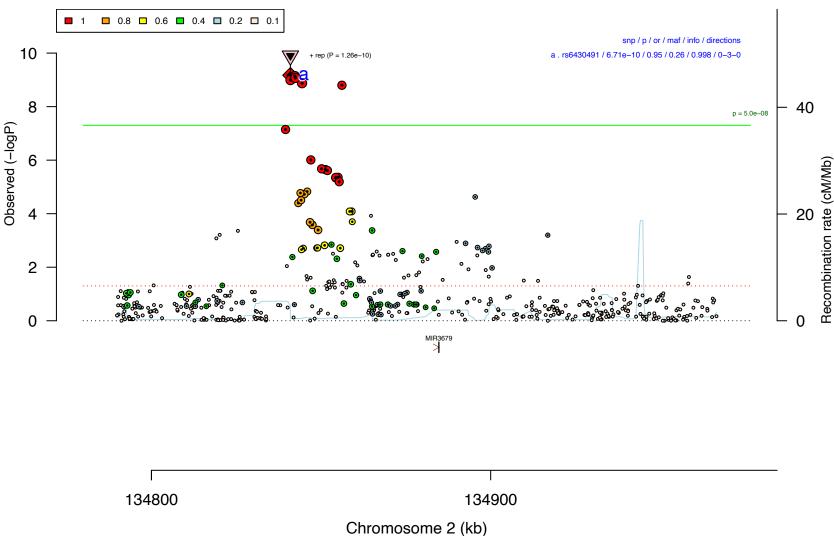
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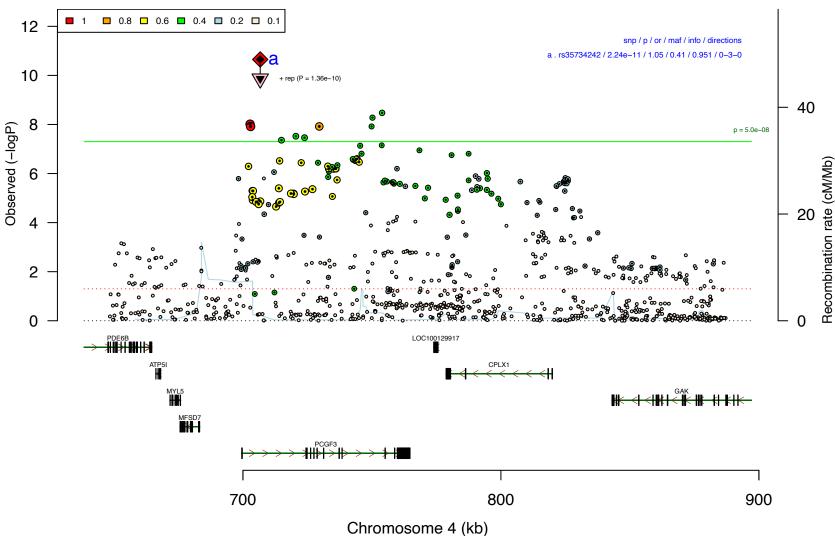
PGC\_SCZ\_w3\_90\_0418b.99.chr17



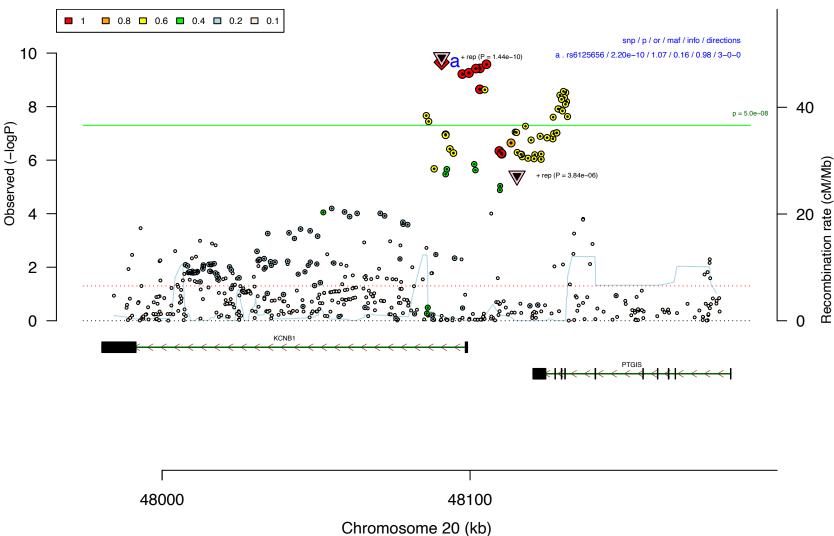
## PGC\_SCZ\_w3\_90\_0418b.100.chr2



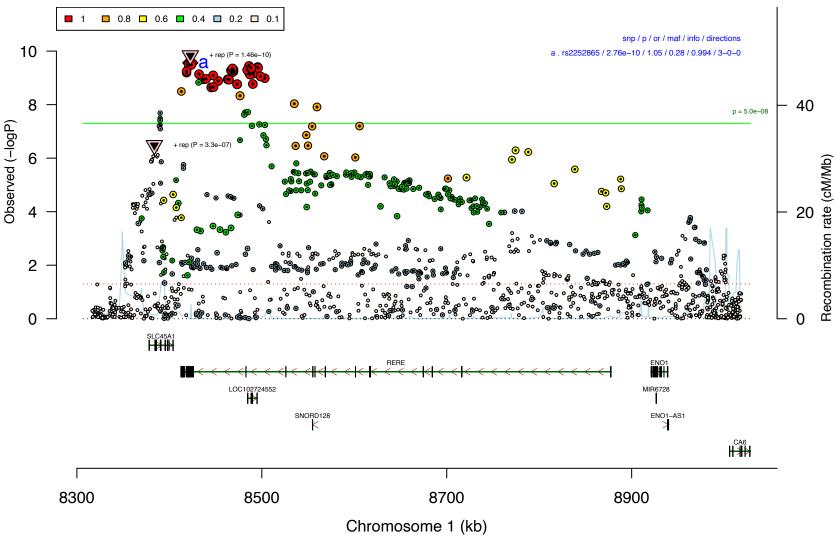
PGC\_SCZ\_w3\_90\_0418b.101.chr4



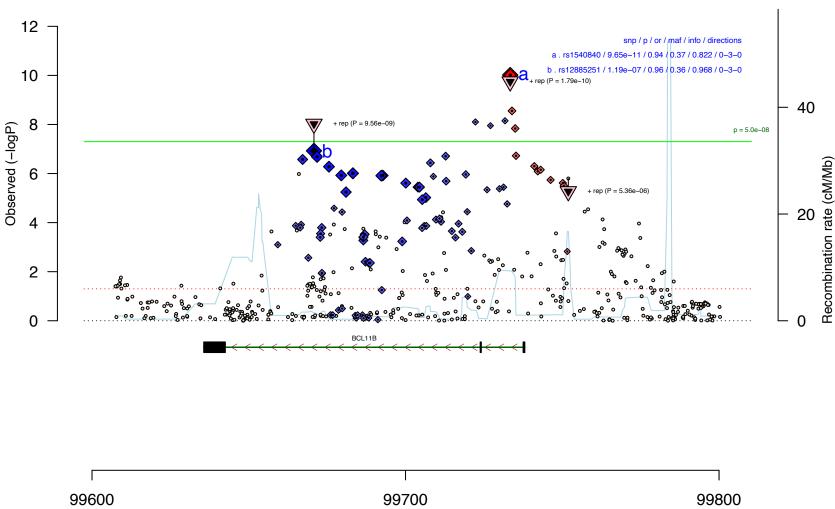
PGC\_SCZ\_w3\_90\_0418b.102.chr20



#### PGC\_SCZ\_w3\_90\_0418b.103.chr1

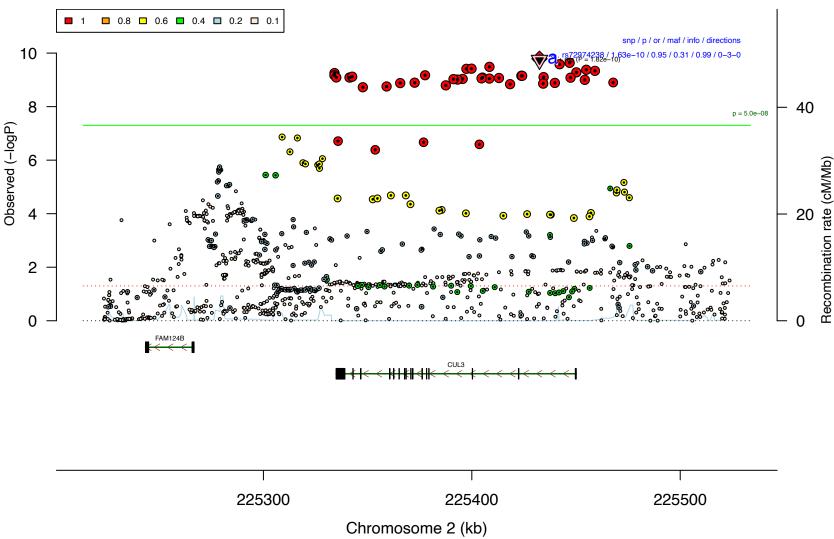


PGC\_SCZ\_w3\_90\_0418b.104.chr14

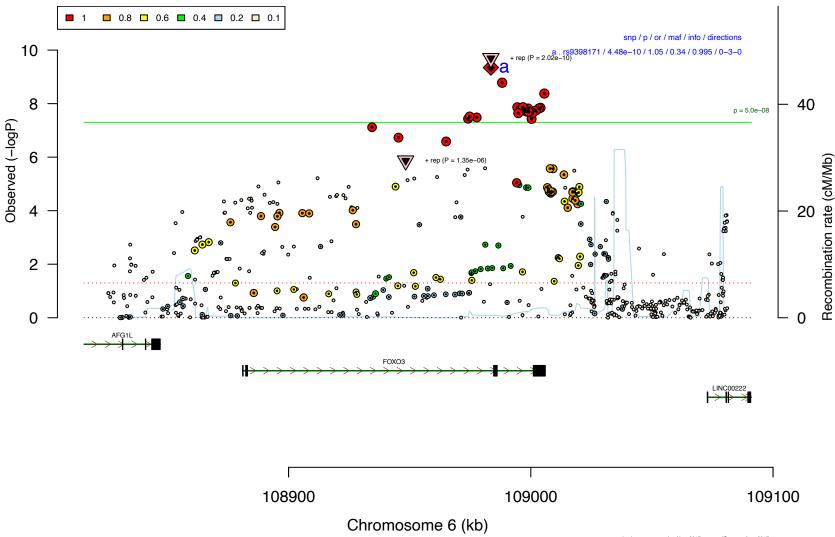


Chromosome 14 (kb)

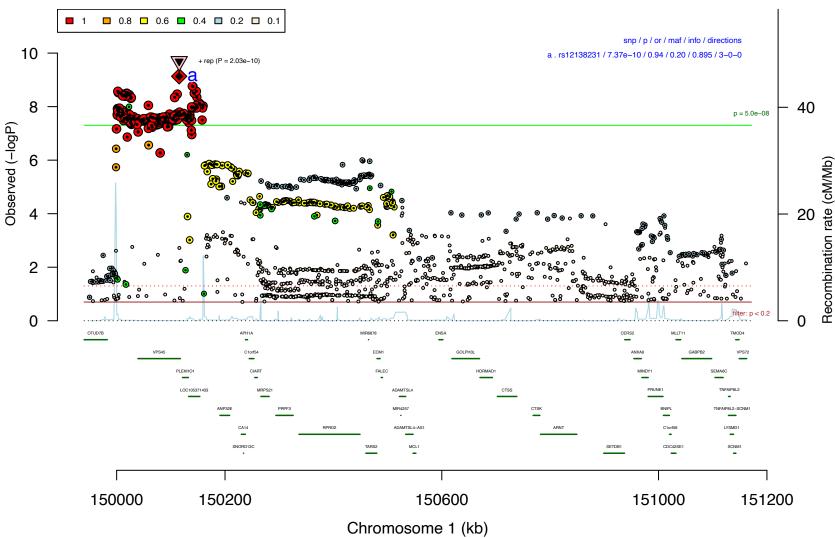
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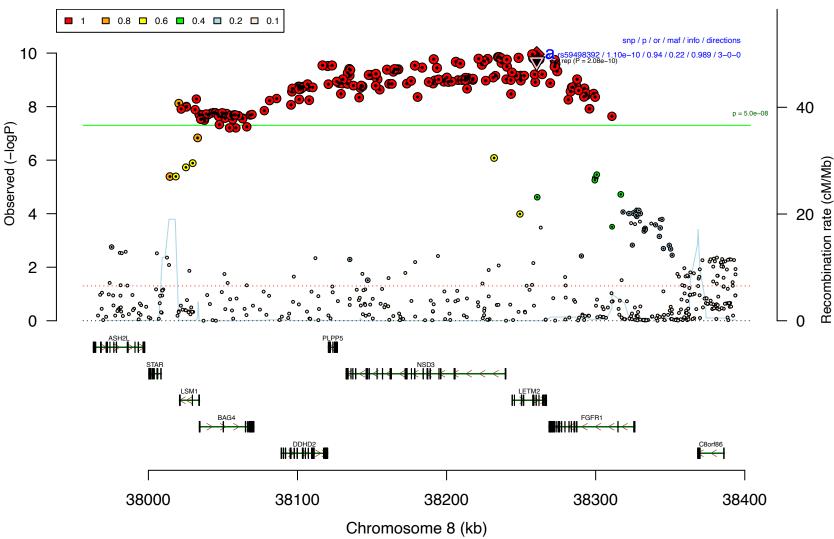
PGC\_SCZ\_w3\_90\_0418b.106.chr6



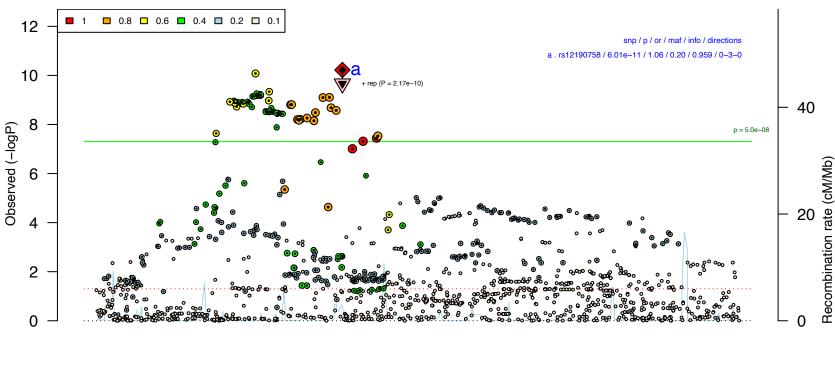
# PGC\_SCZ\_w3\_90\_0418b.107.chr1

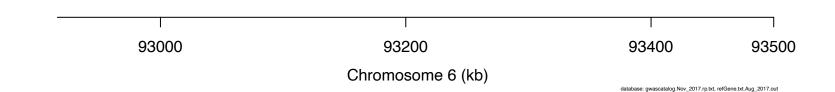


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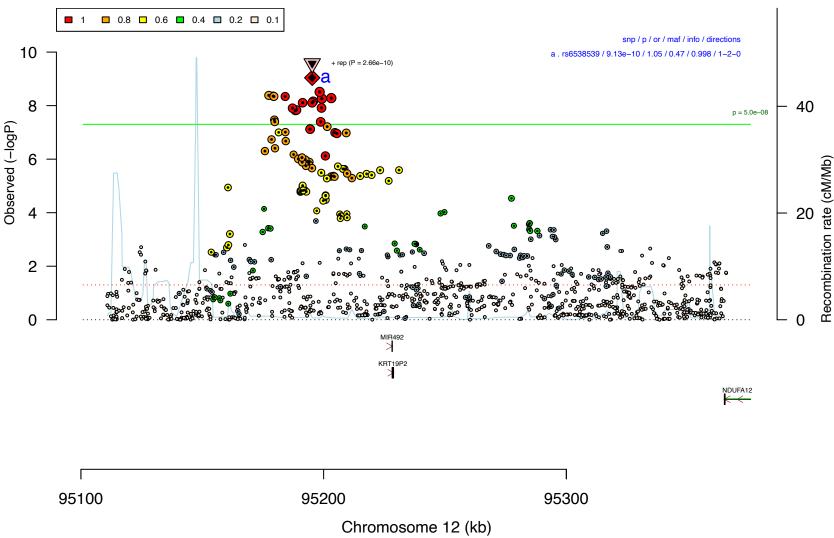


## PGC\_SCZ\_w3\_90\_0418b.109.chr6

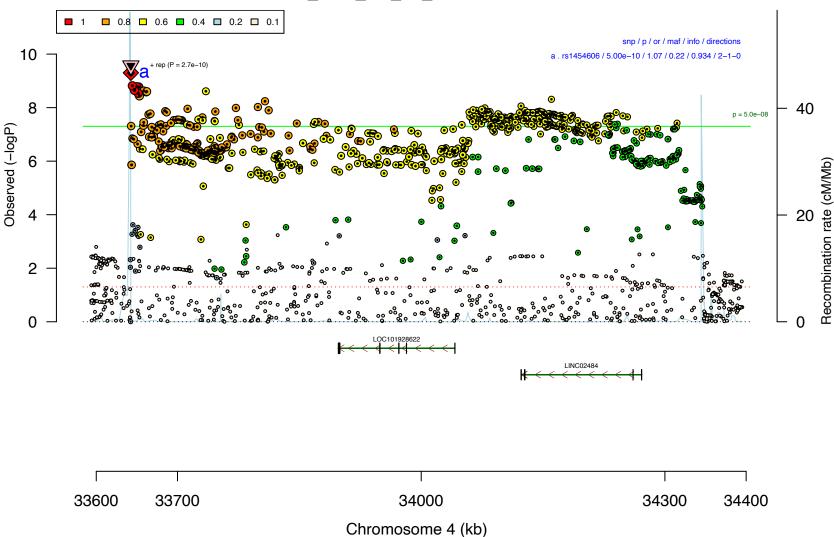




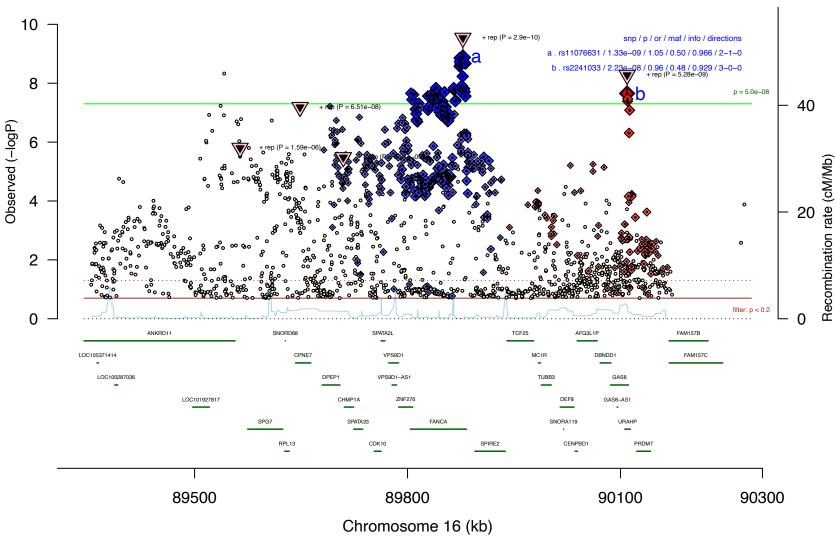
## PGC\_SCZ\_w3\_90\_0418b.110.chr12



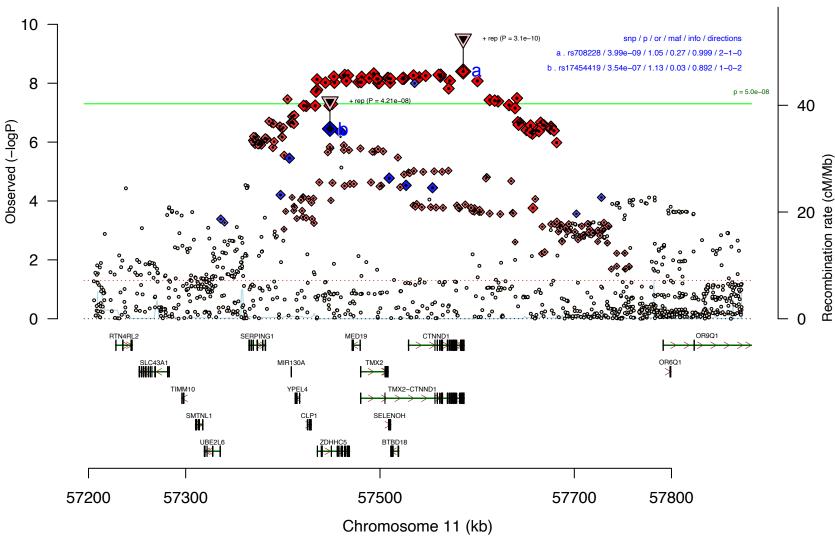
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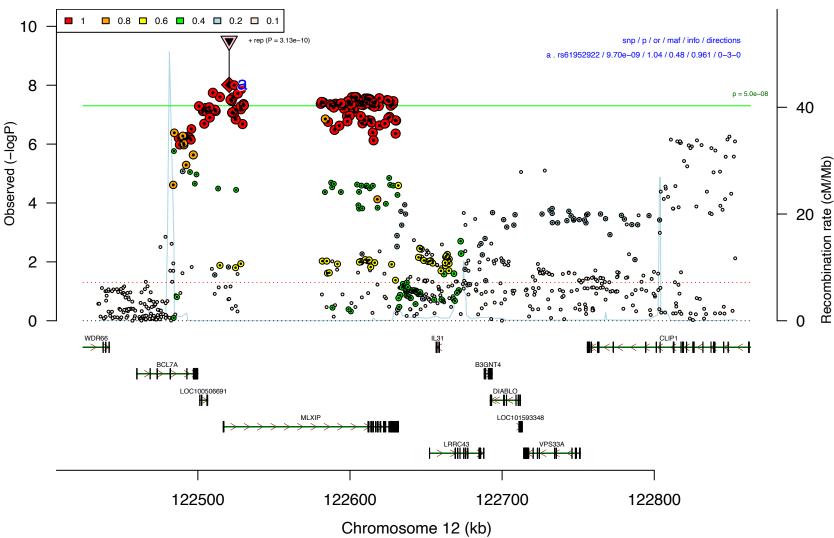
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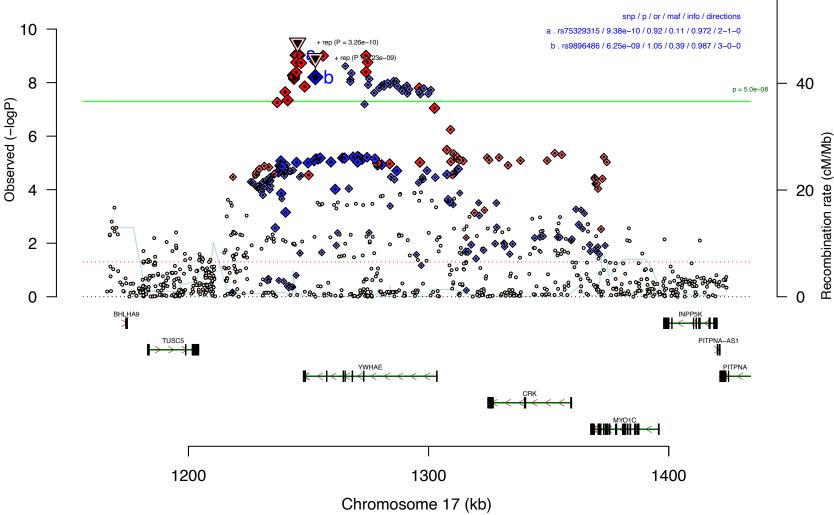
PGC\_SCZ\_w3\_90\_0418b.113.chr11



#### PGC\_SCZ\_w3\_90\_0418b.114.chr12

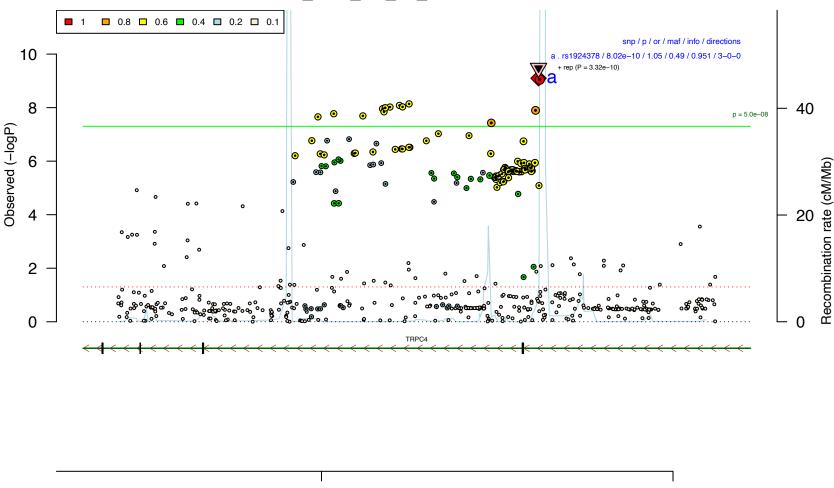


# PGC\_SCZ\_w3\_90\_0418b.115.chr17



database: gwascatalog.Nov\_2017.rp.txt, refGene.txt.Aug\_2017.out

#### PGC\_SCZ\_w3\_90\_0418b.116.chr13

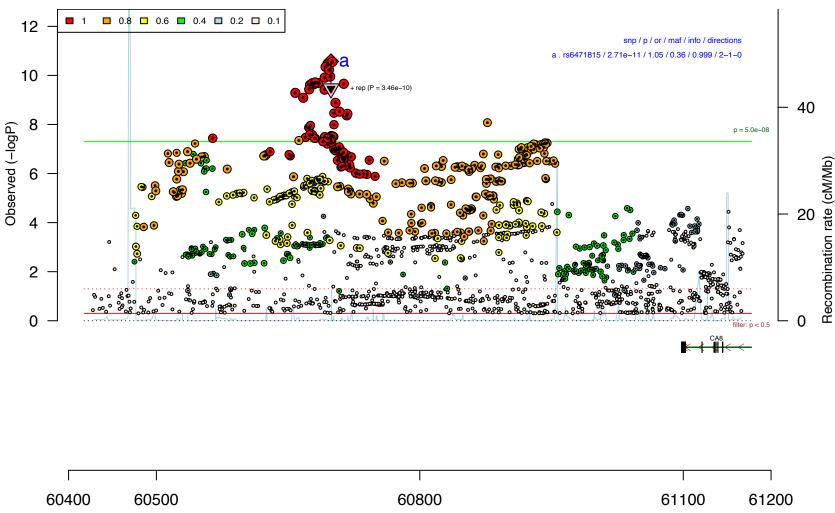


38300

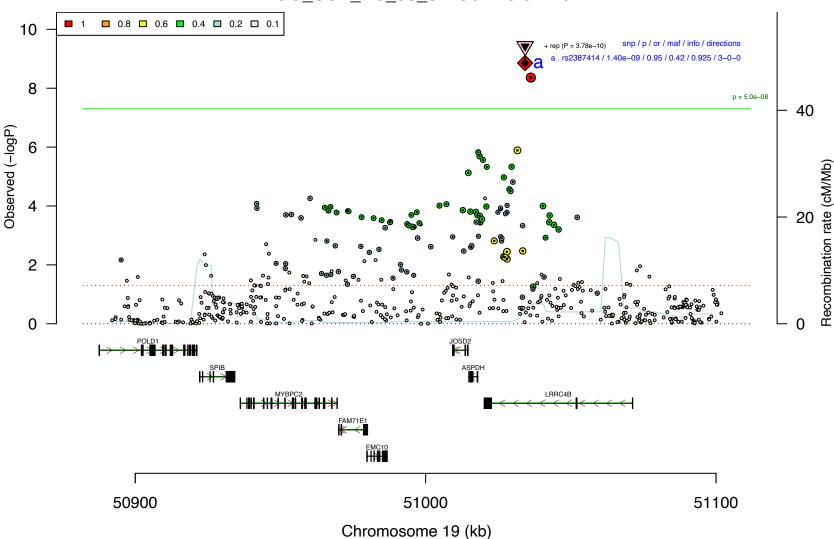
Chromosome 13 (kb)

38400

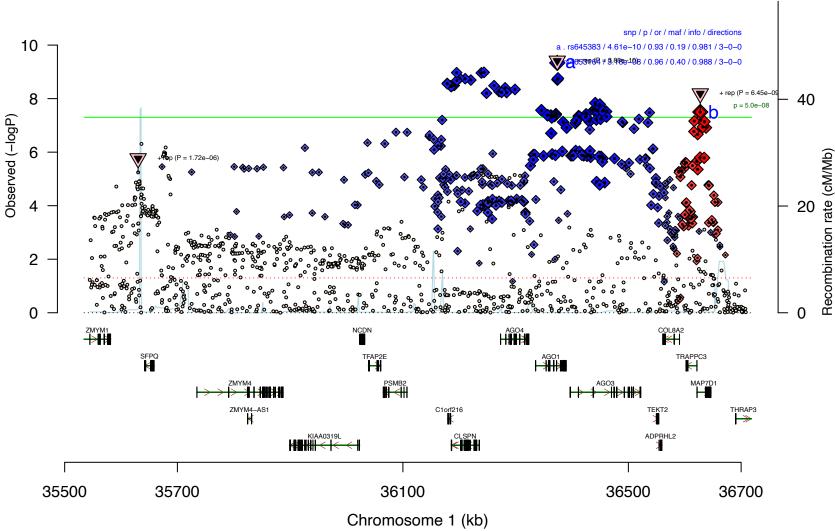
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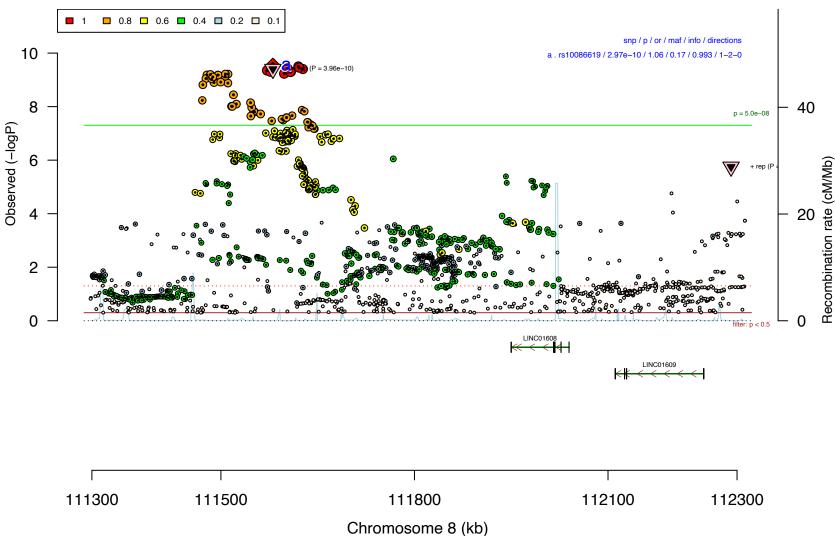
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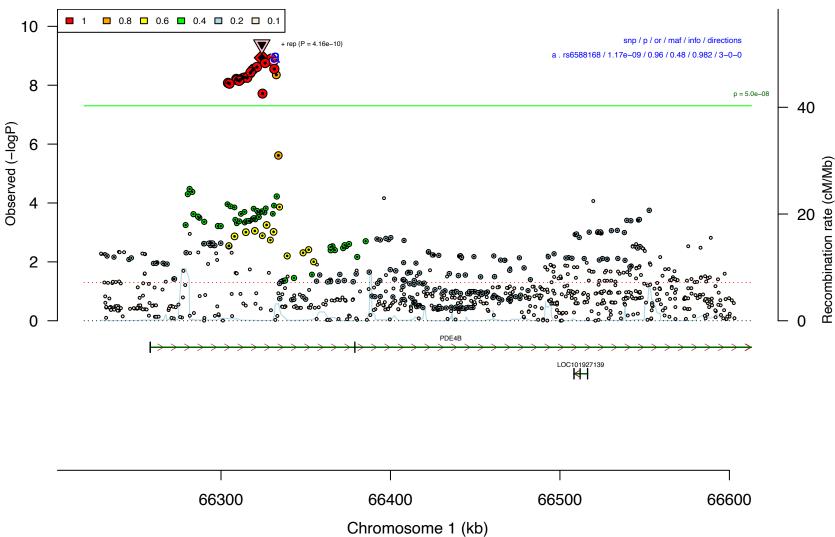
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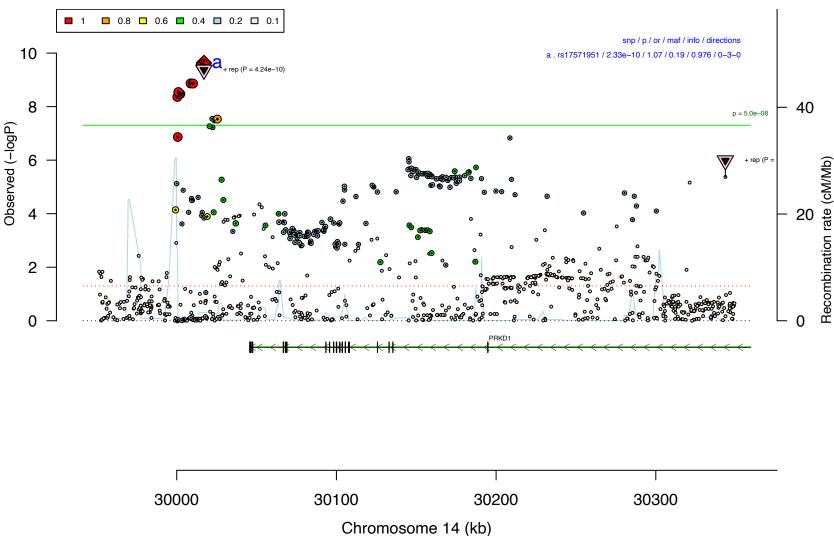
PGC\_SCZ\_w3\_90\_0418b.120.chr8



PGC\_SCZ\_w3\_90\_0418b.121.chr1

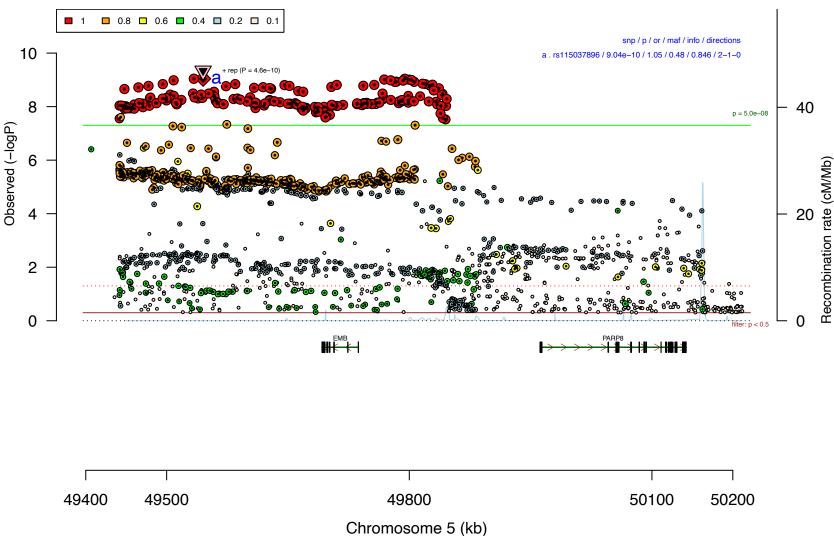


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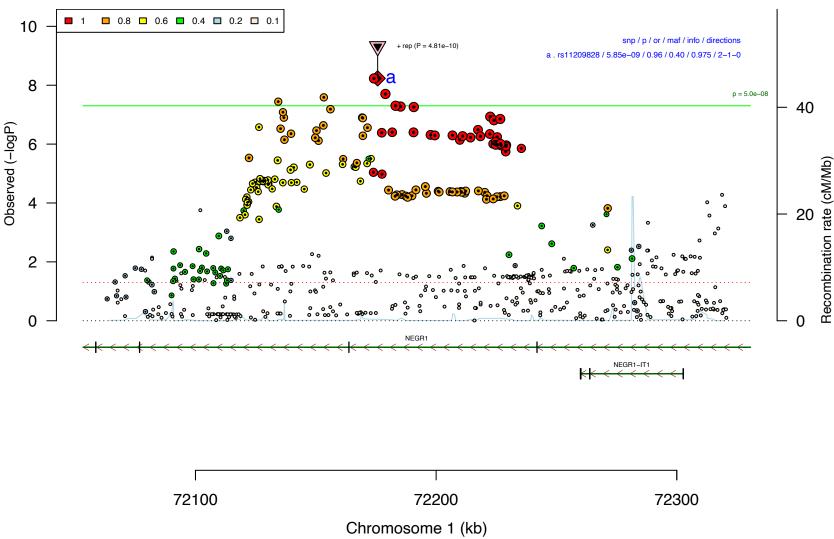


database: gwascatalog.Nov\_2017.rp.txt, refGene.txt.Aug\_2017.out

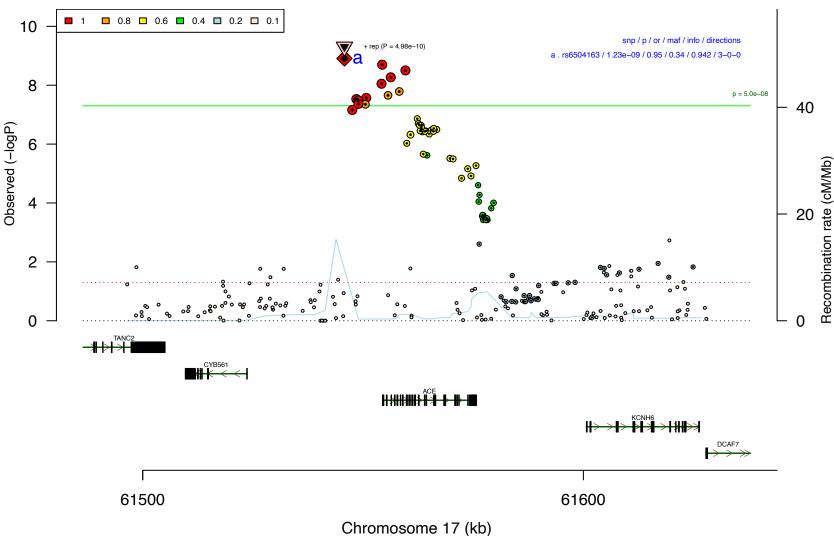
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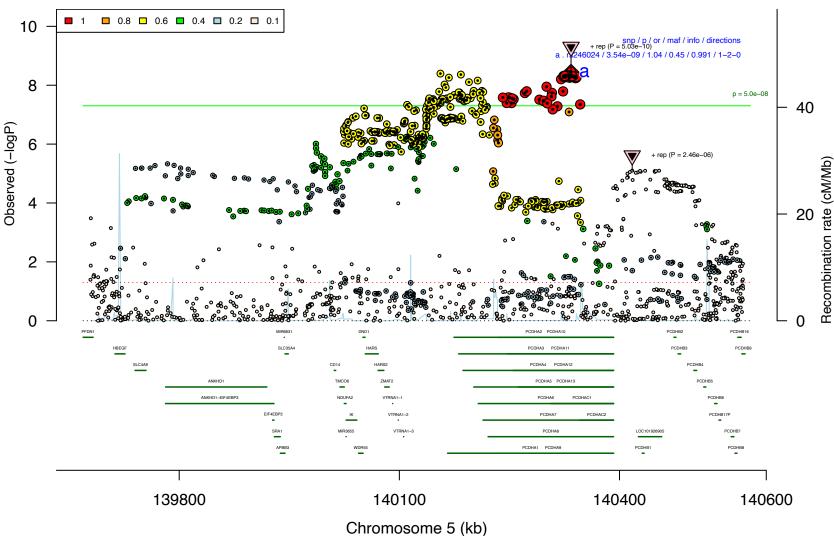
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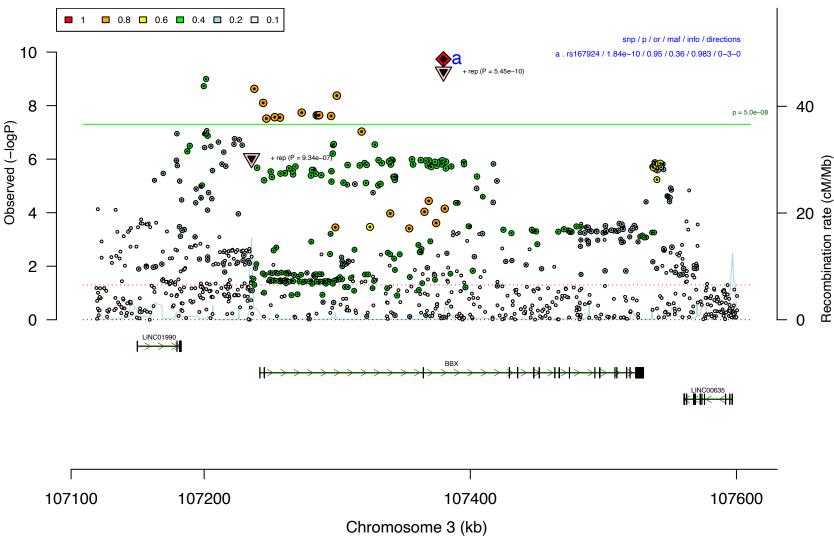
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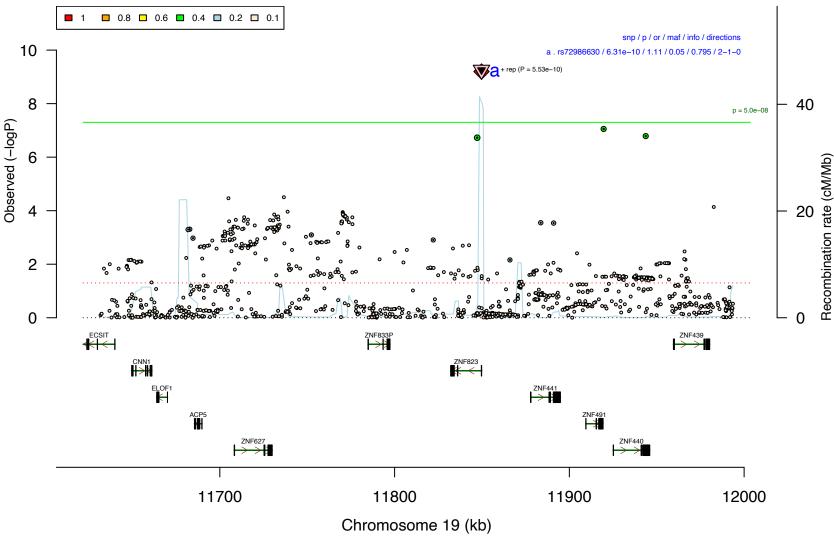
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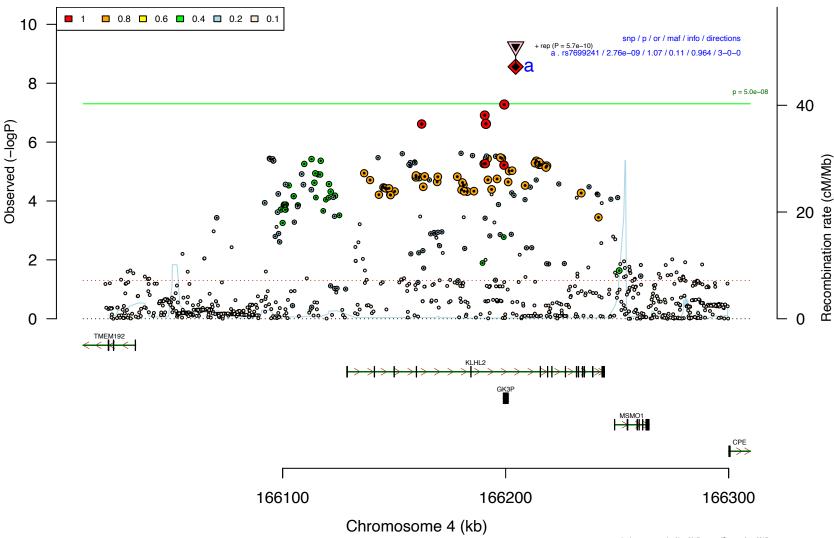
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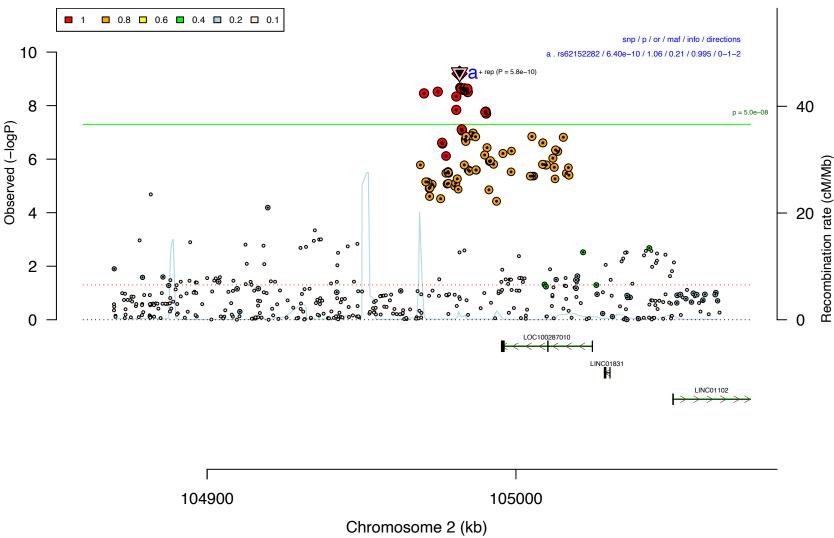
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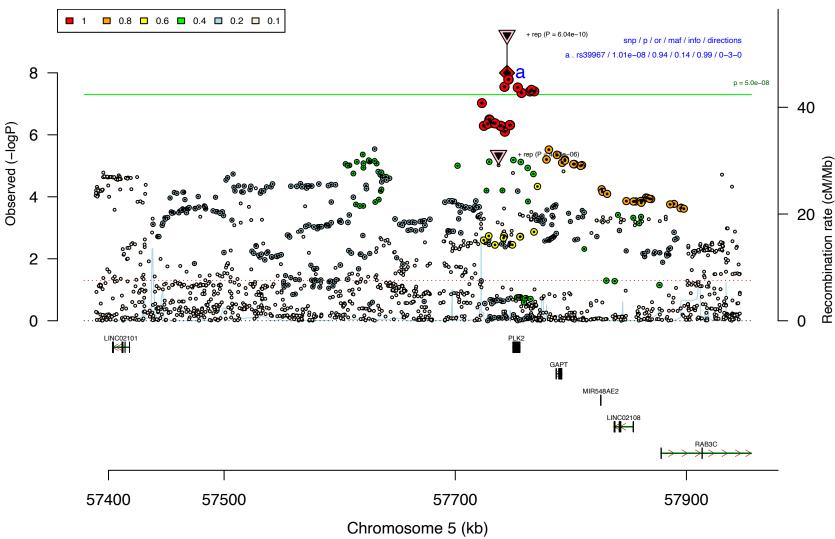
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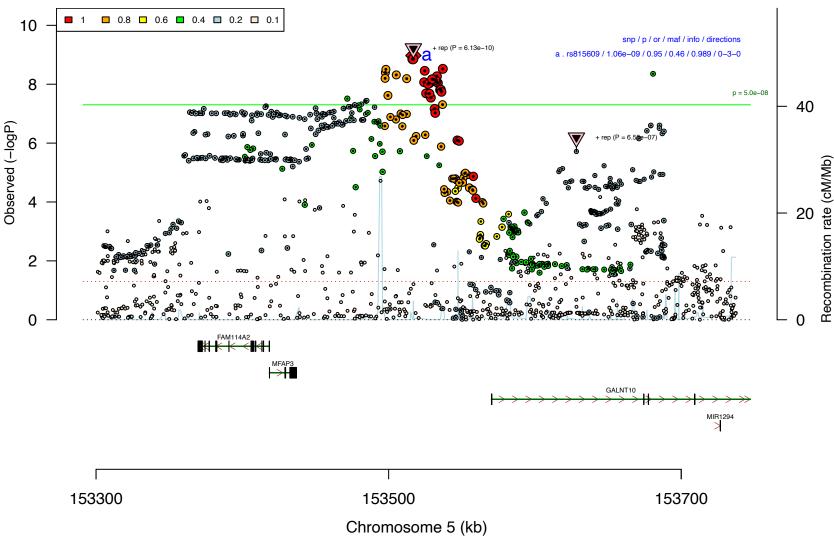
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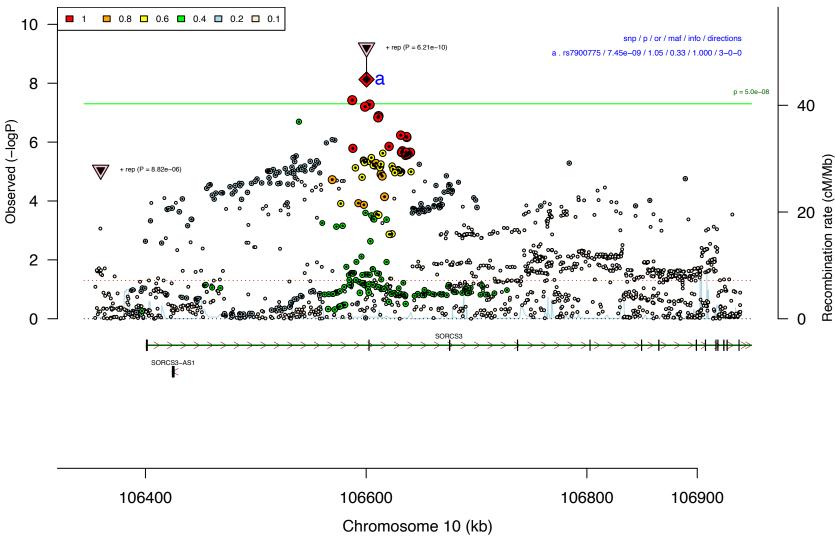
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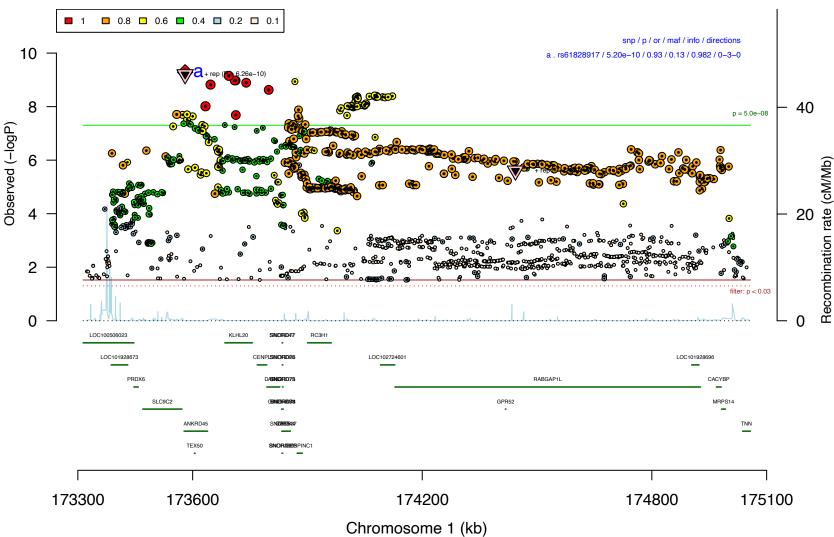
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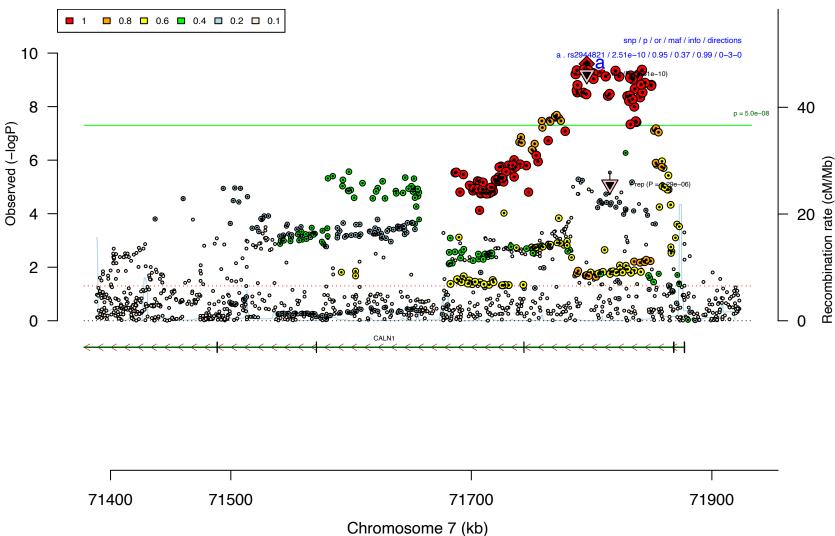
## PGC\_SCZ\_w3\_90\_0418b.133.chr10



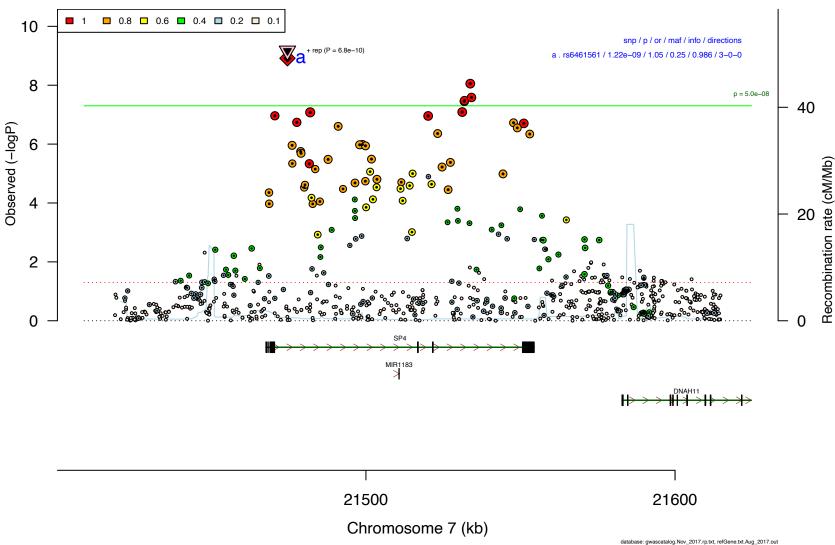
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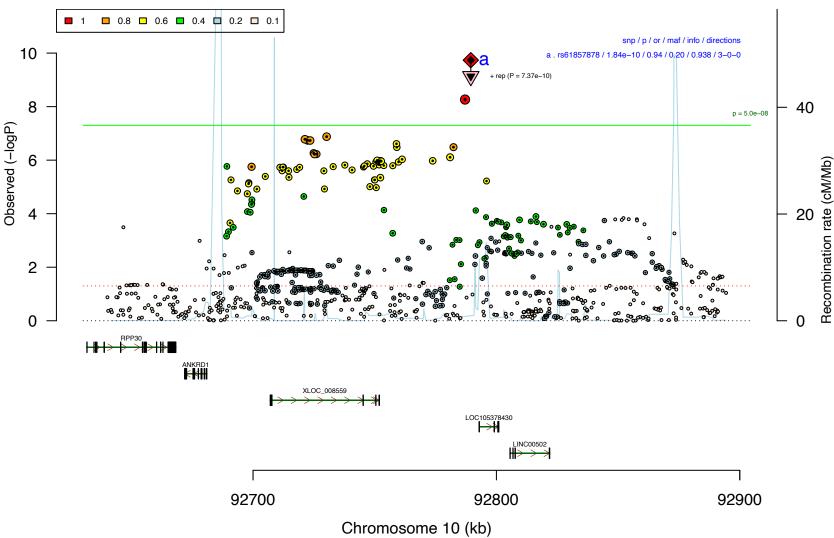
PGC\_SCZ\_w3\_90\_0418b.135.chr7



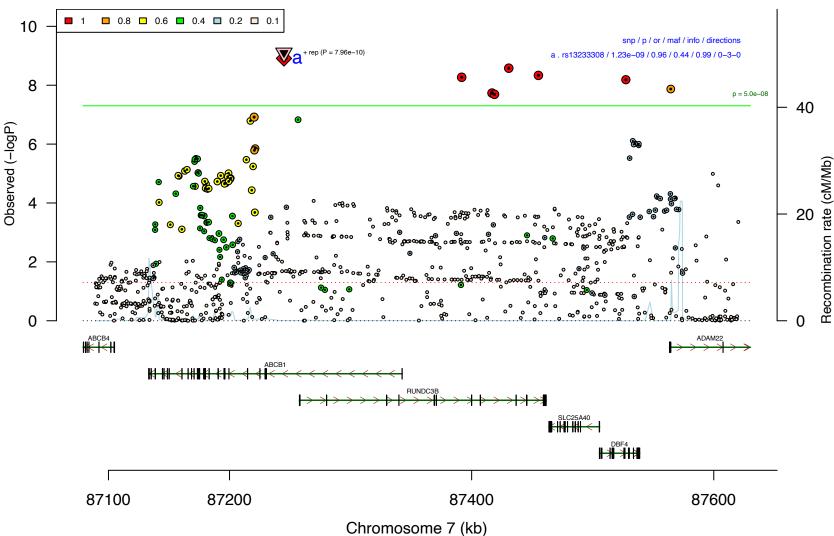
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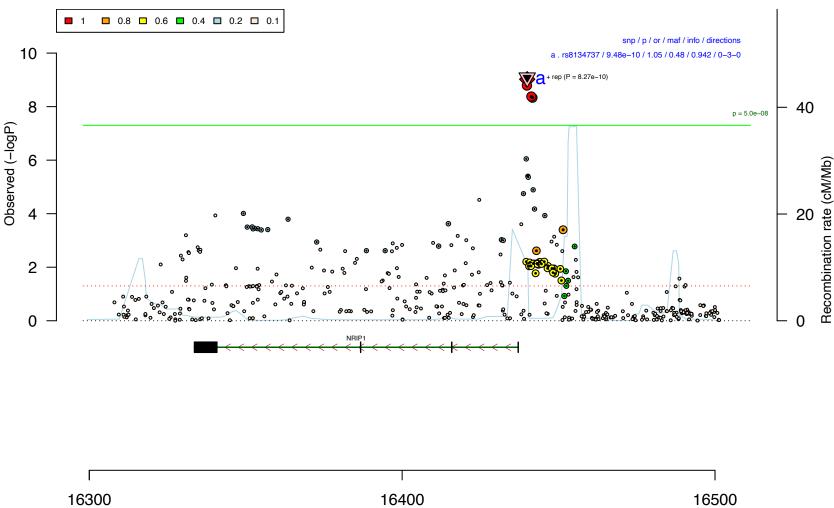
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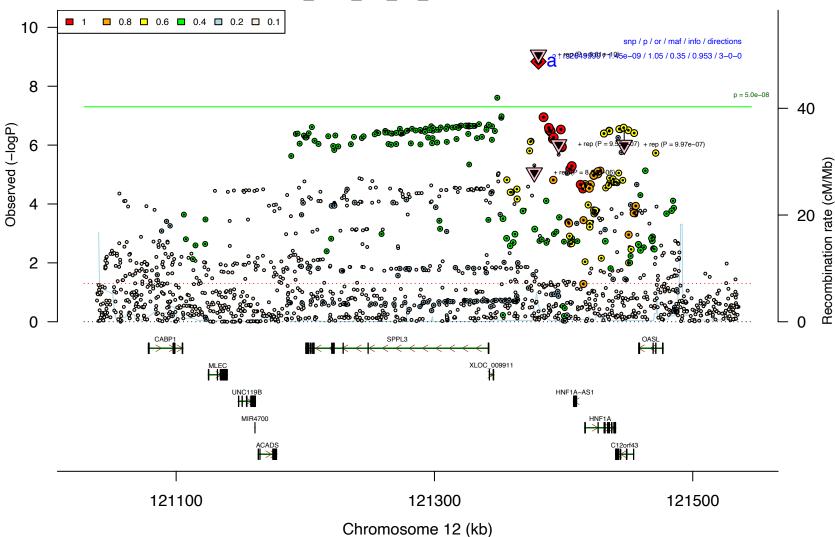


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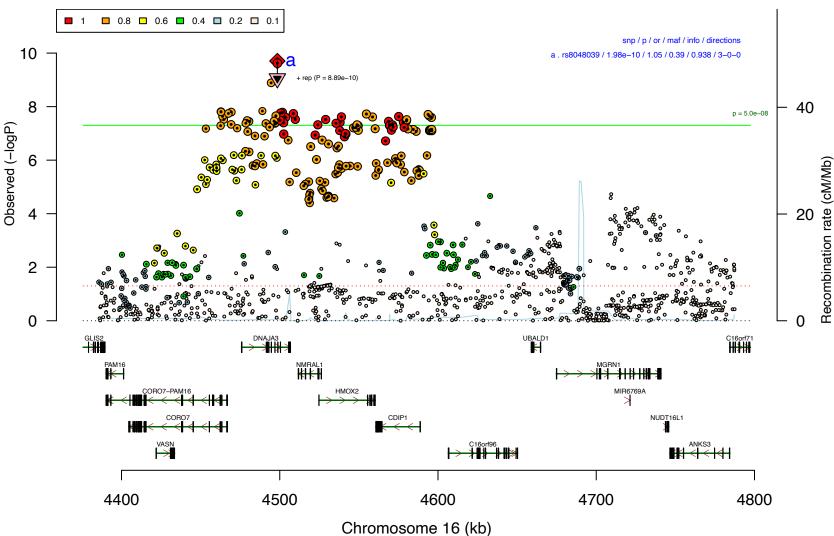


Chromosome 21 (kb)

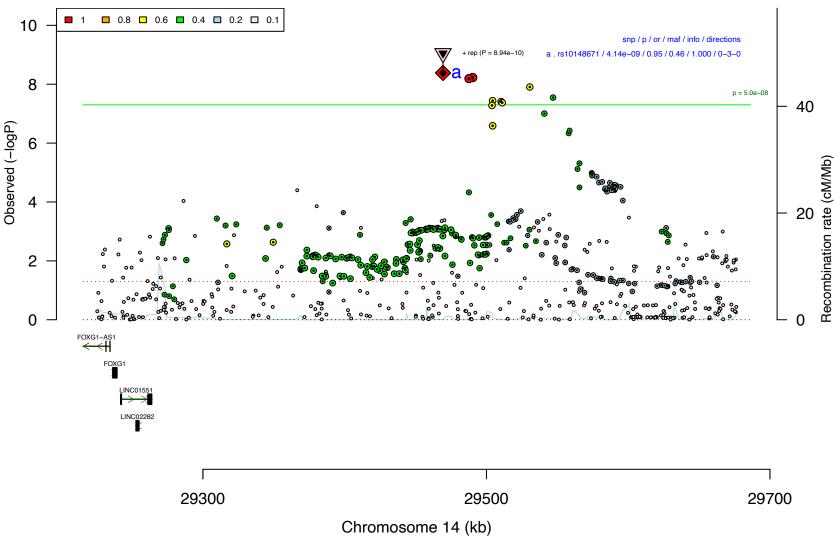
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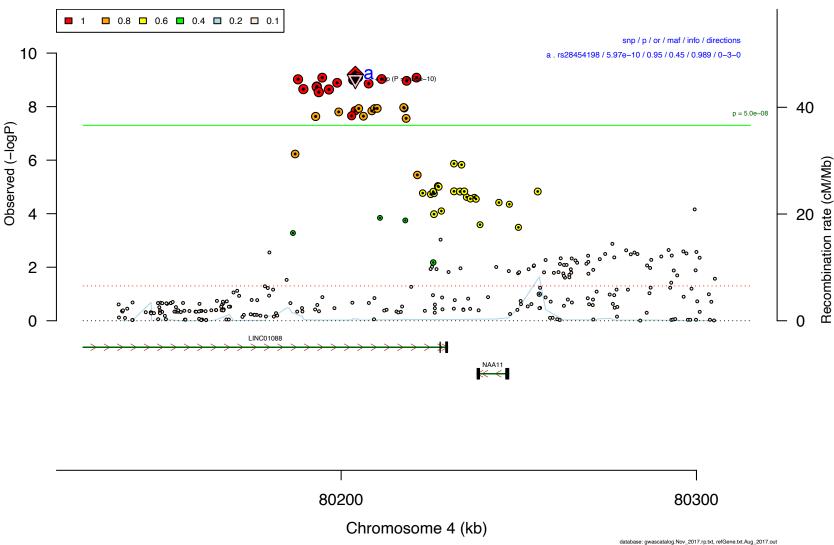
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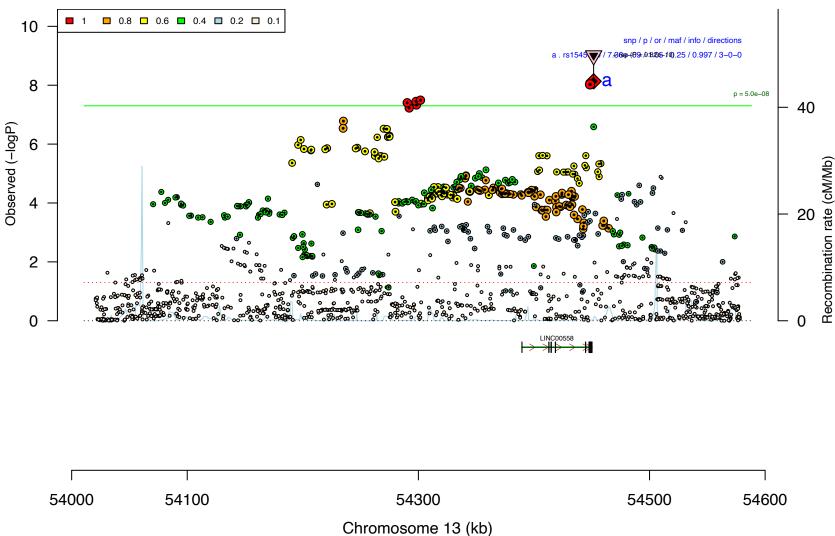
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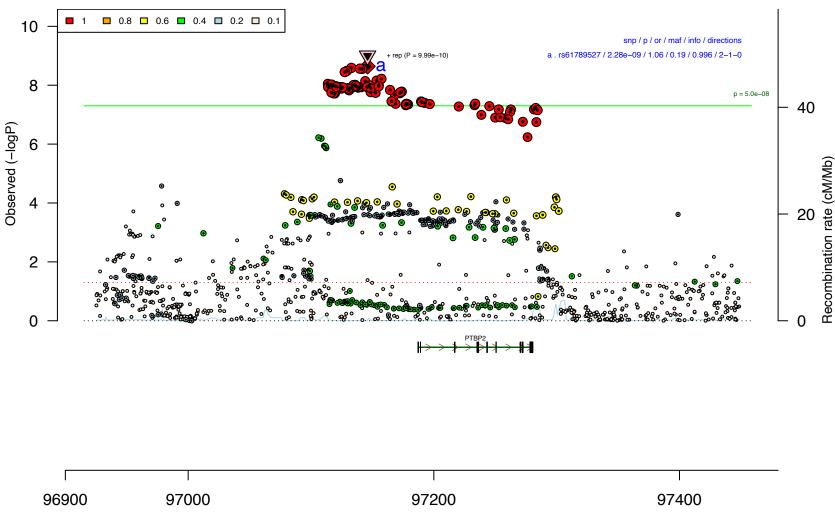
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PGC\_SCZ\_w3\_90\_0418b.144.chr13

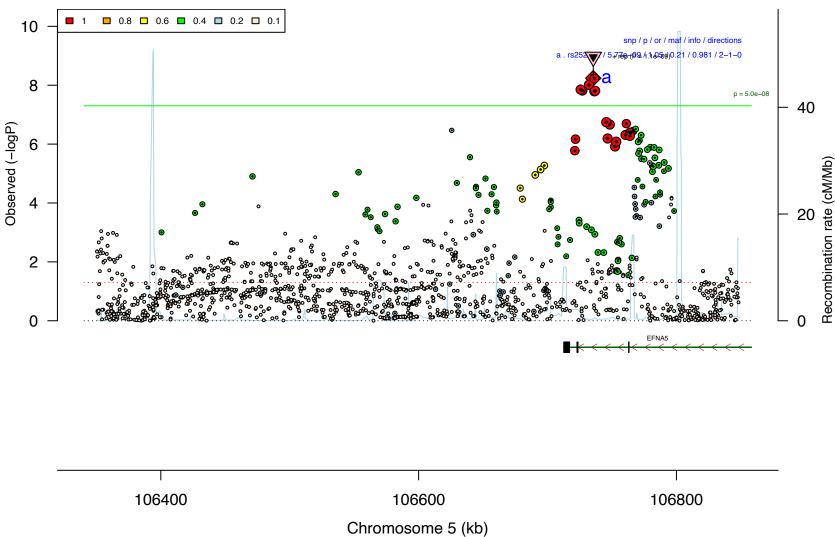


PGC\_SCZ\_w3\_90\_0418b.145.chr1



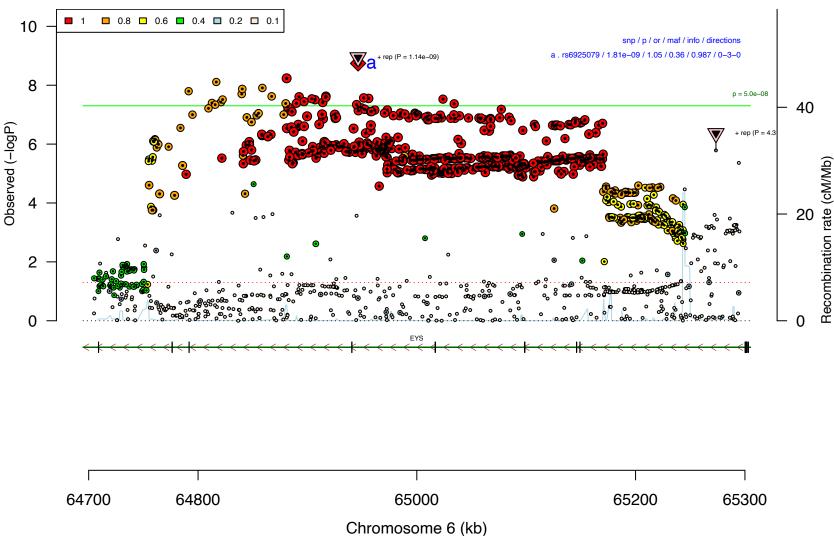
Chromosome 1 (kb)

PGC\_SCZ\_w3\_90\_0418b.146.chr5

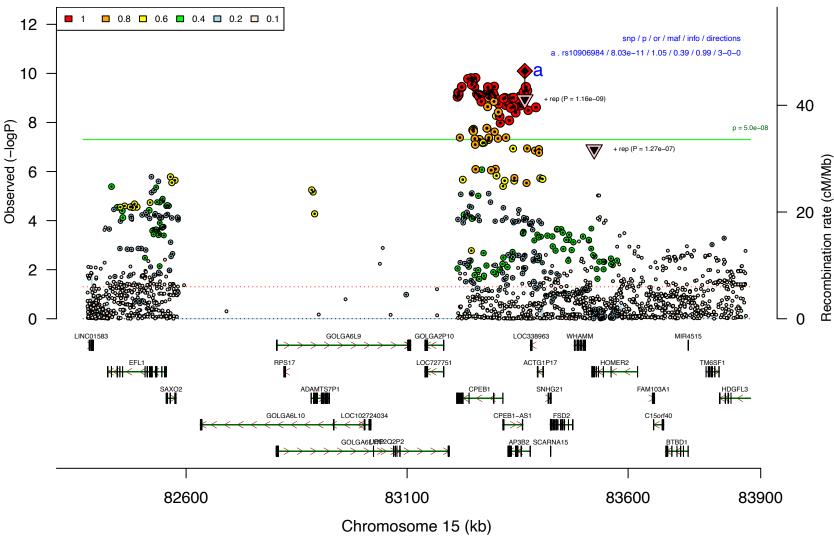


database: gwascatalog.Nov\_2017.rp.txt, refGene.txt.Aug\_2017.out

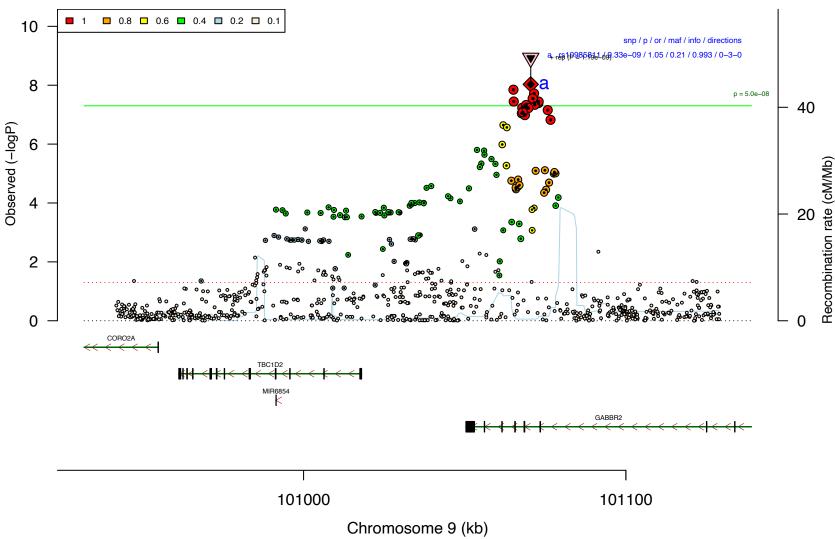
# PGC\_SCZ\_w3\_90\_0418b.147.chr6



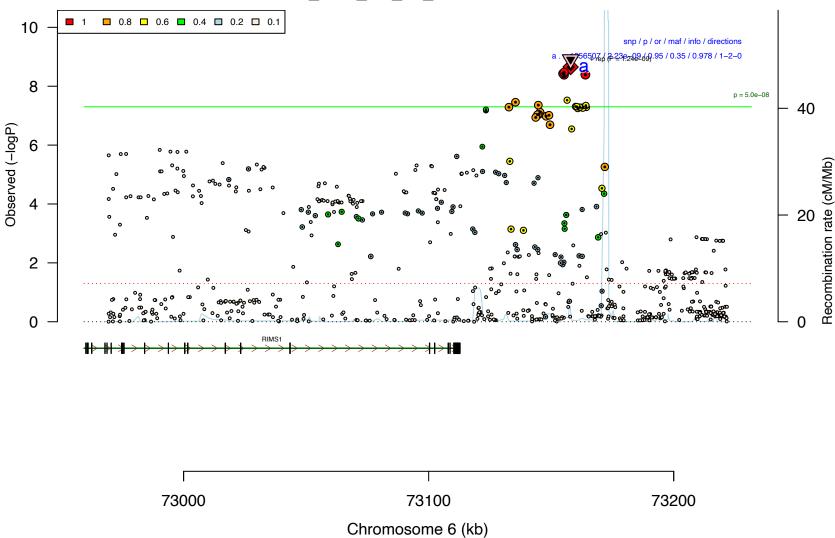
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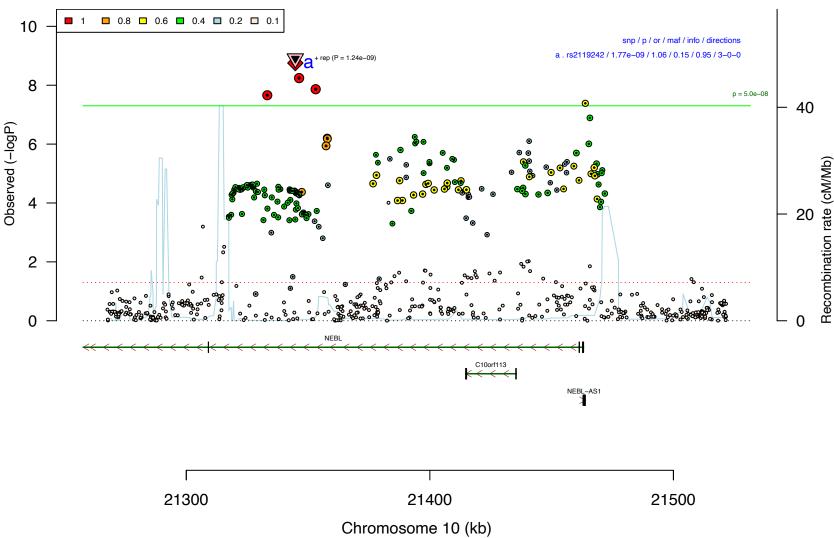
PGC\_SCZ\_w3\_90\_0418b.149.chr9



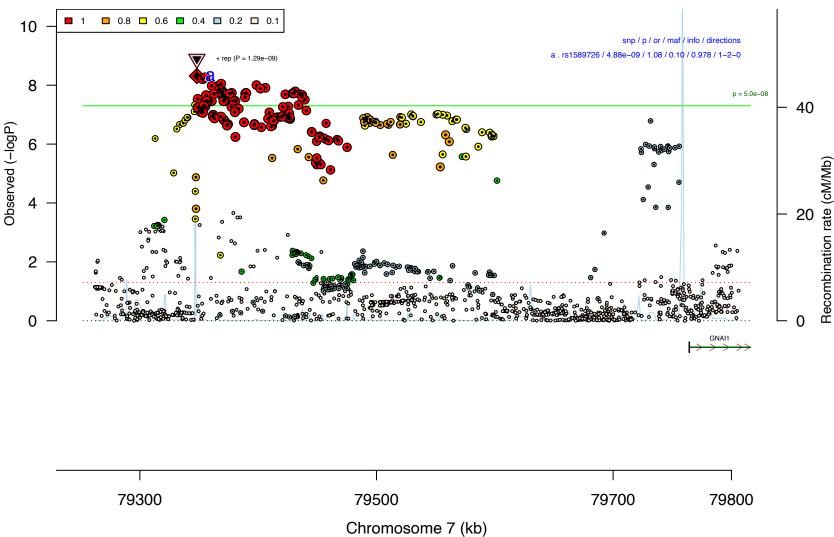
PGC\_SCZ\_w3\_90\_0418b.150.chr6



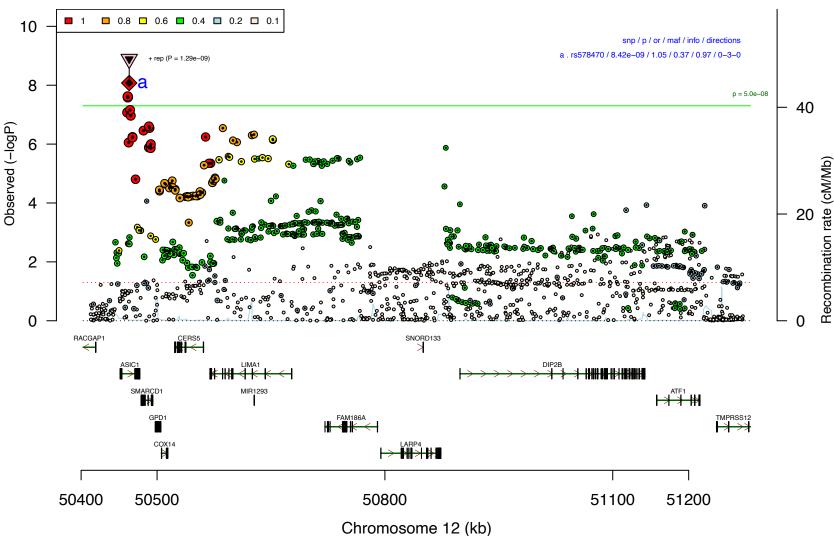
PGC\_SCZ\_w3\_90\_0418b.151.chr10



PGC\_SCZ\_w3\_90\_0418b.152.chr7

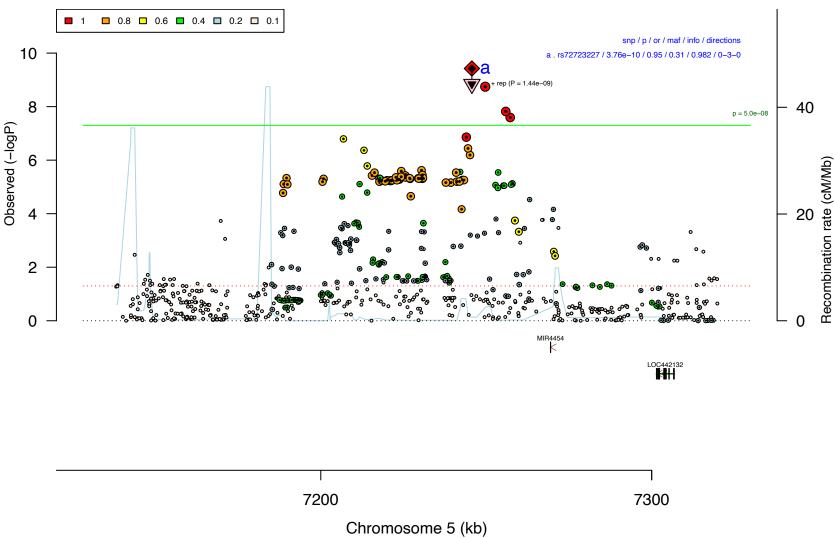


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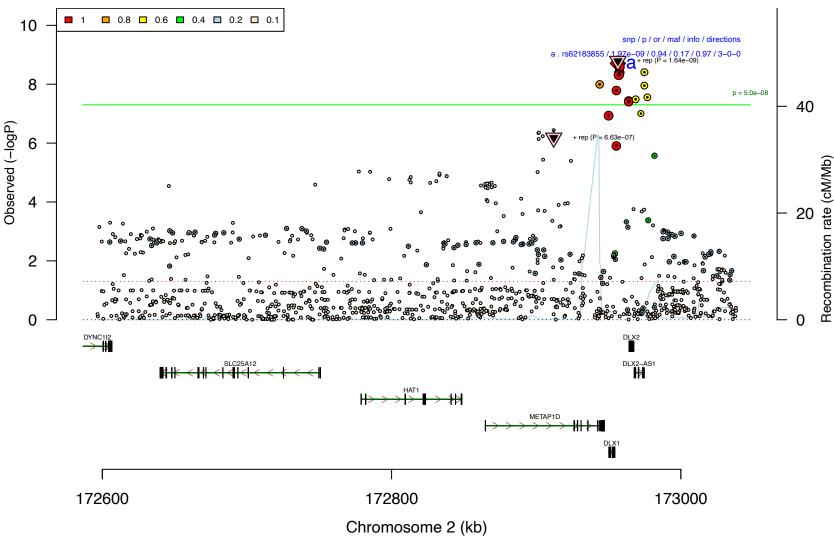


database: gwascatalog.Nov\_2017.rp.txt, refGene.txt.Aug\_2017.out

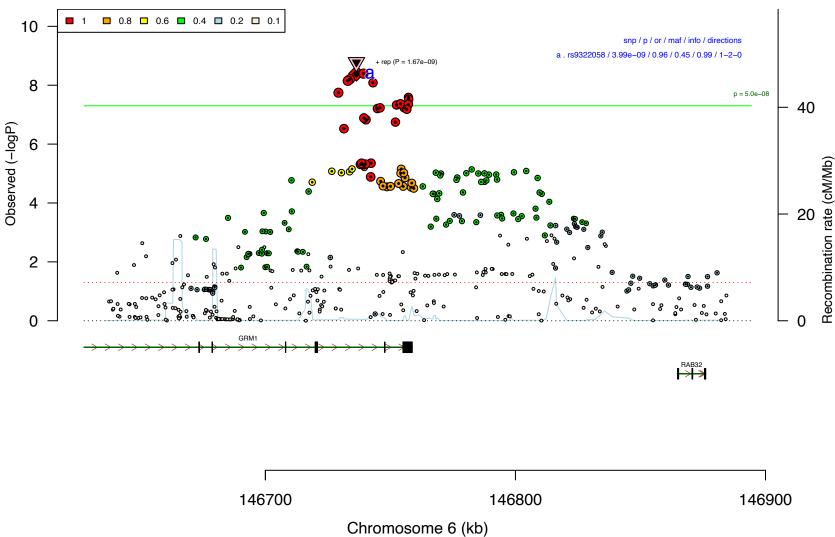
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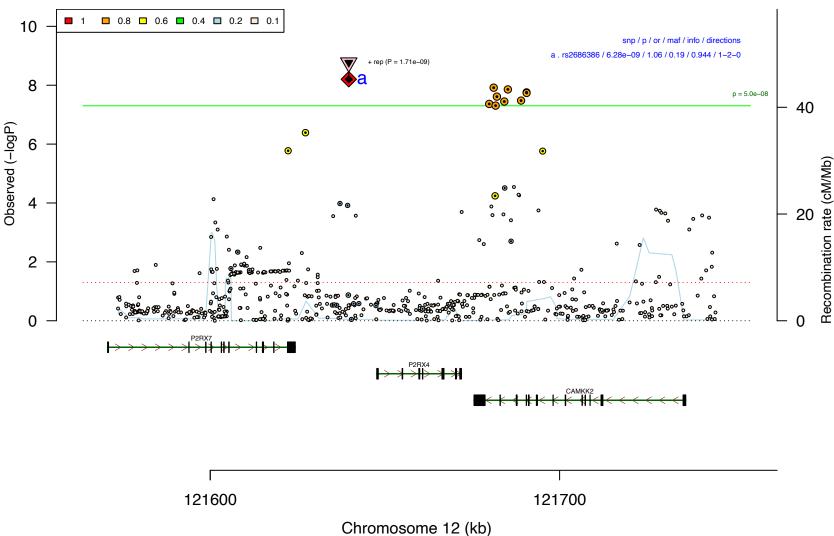
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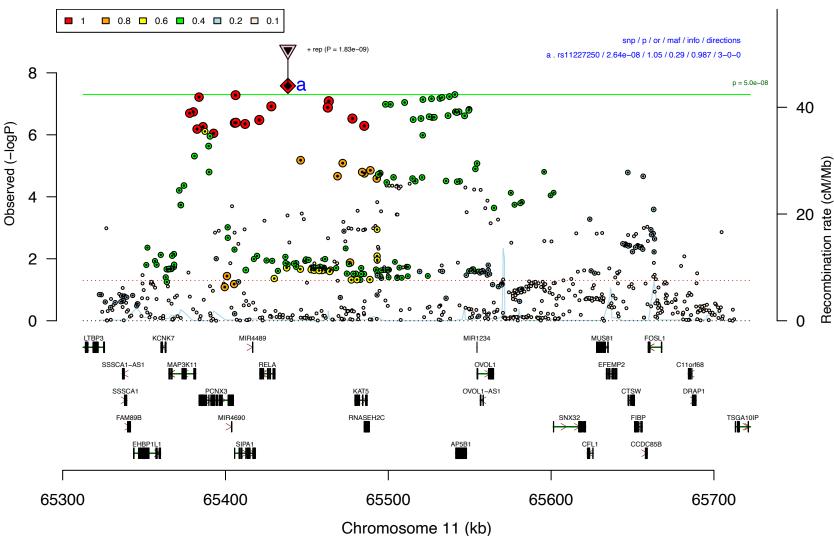
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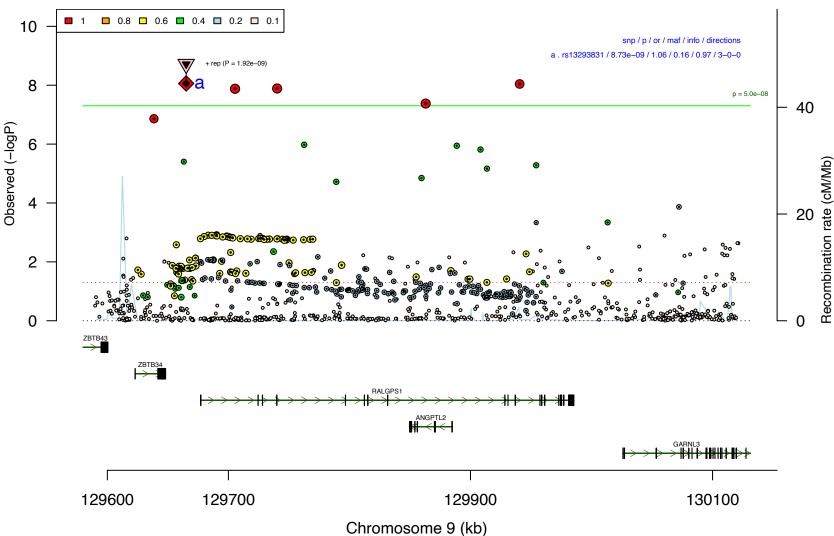
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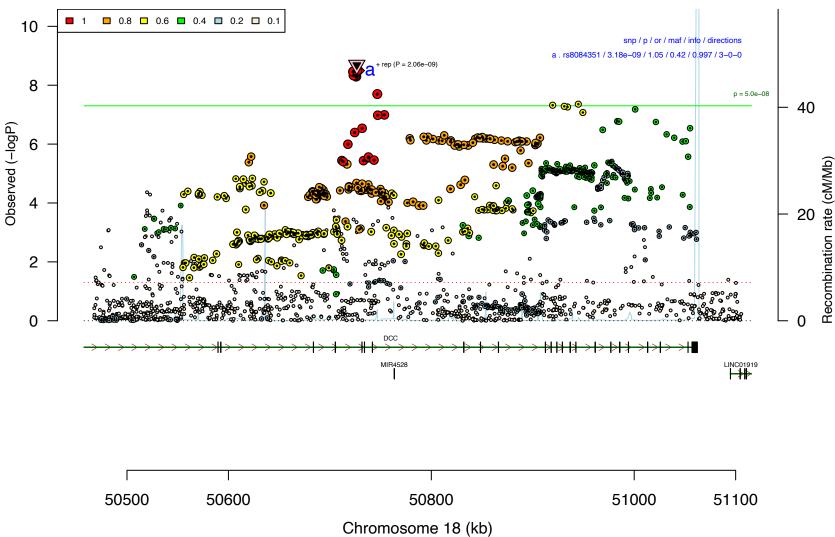
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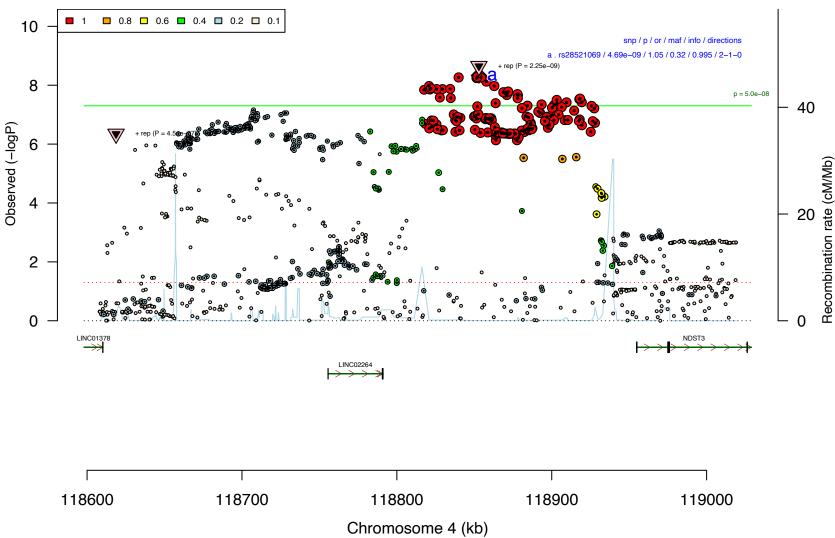
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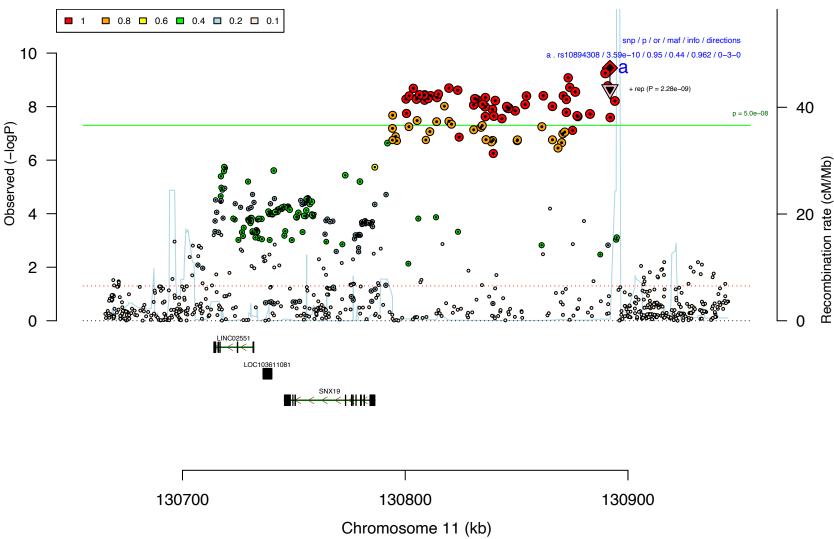
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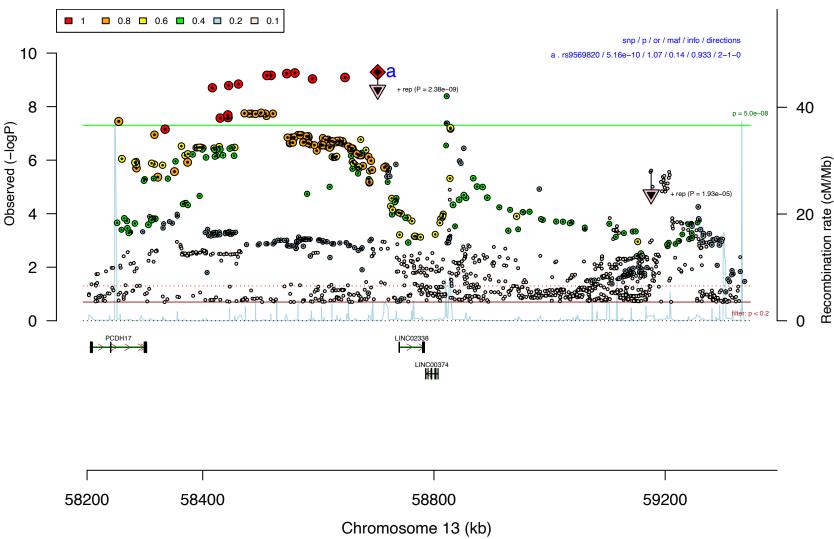
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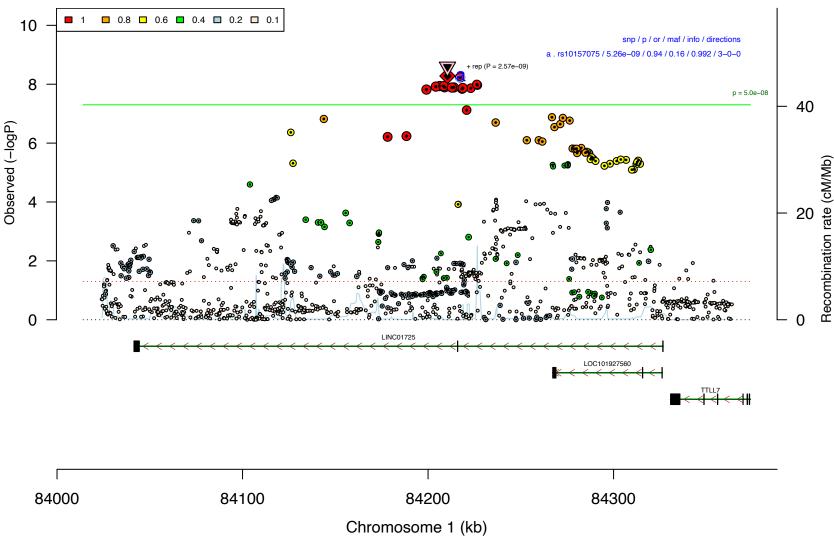
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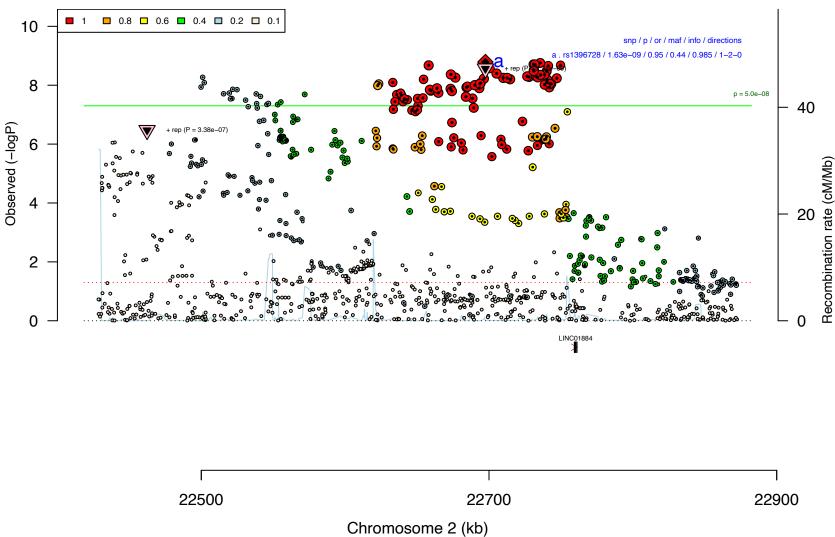
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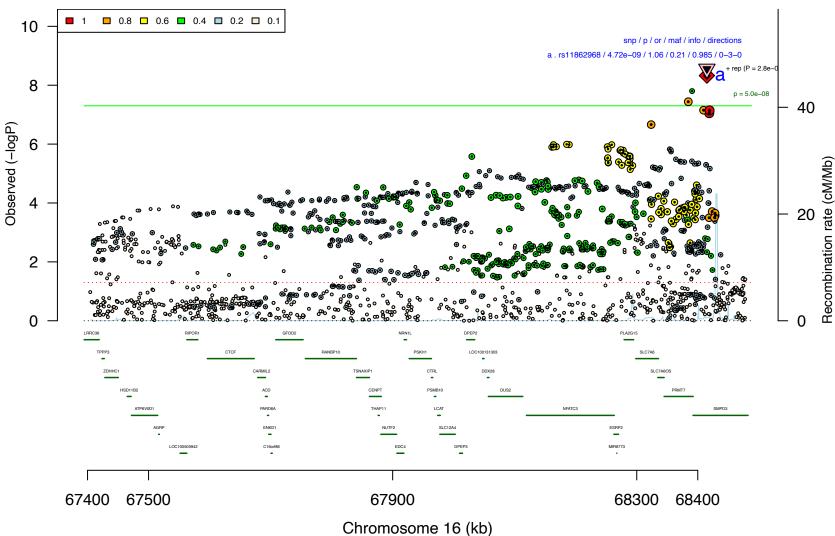
PGC\_SCZ\_w3\_90\_0418b.164.chr1



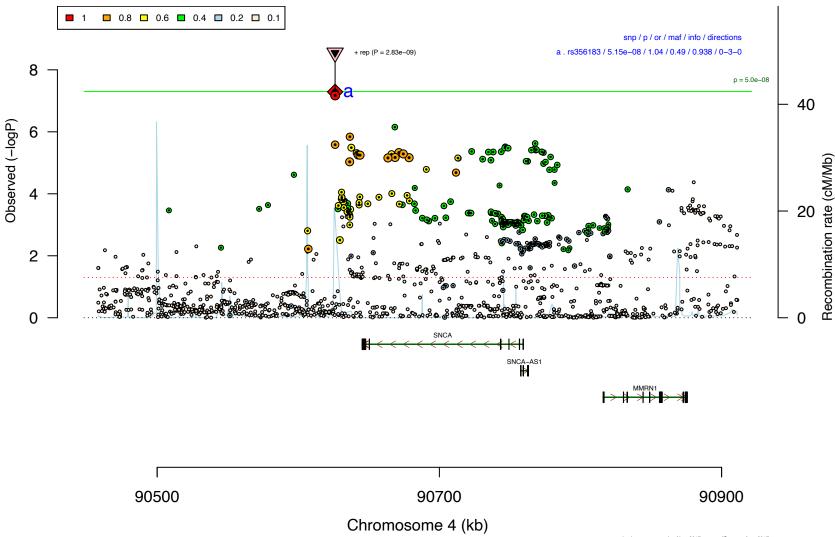
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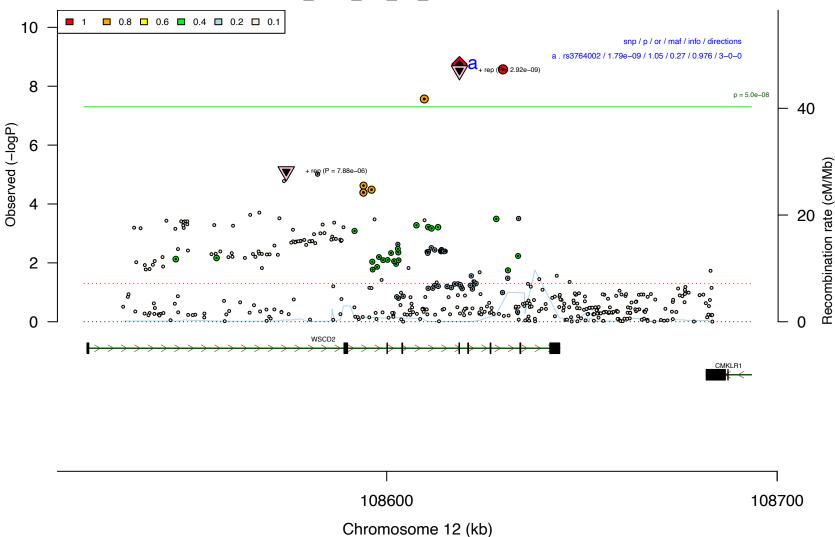
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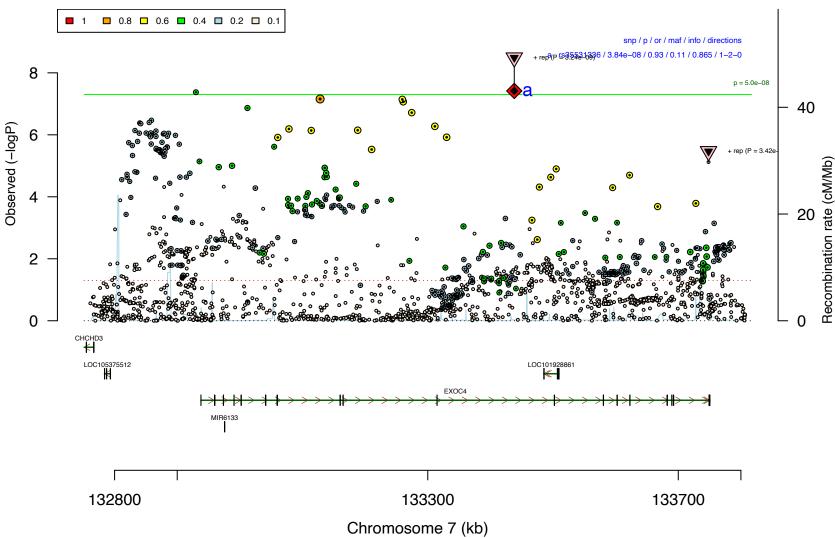
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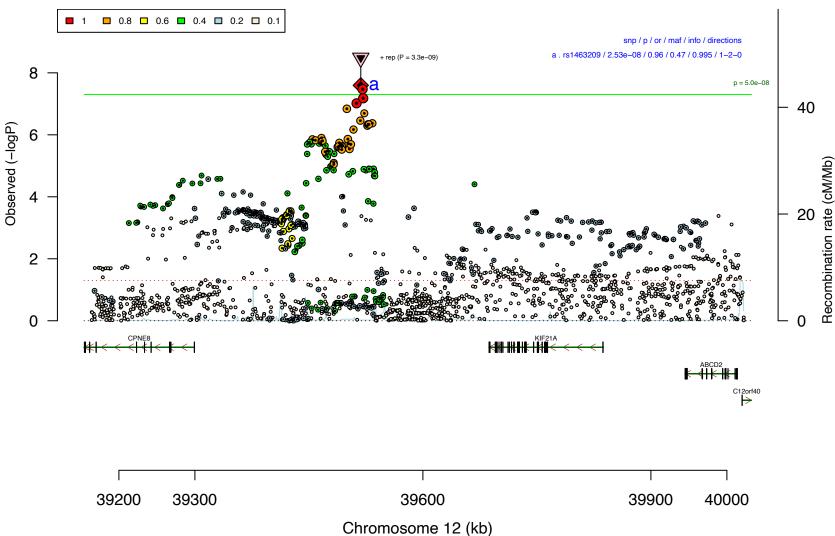
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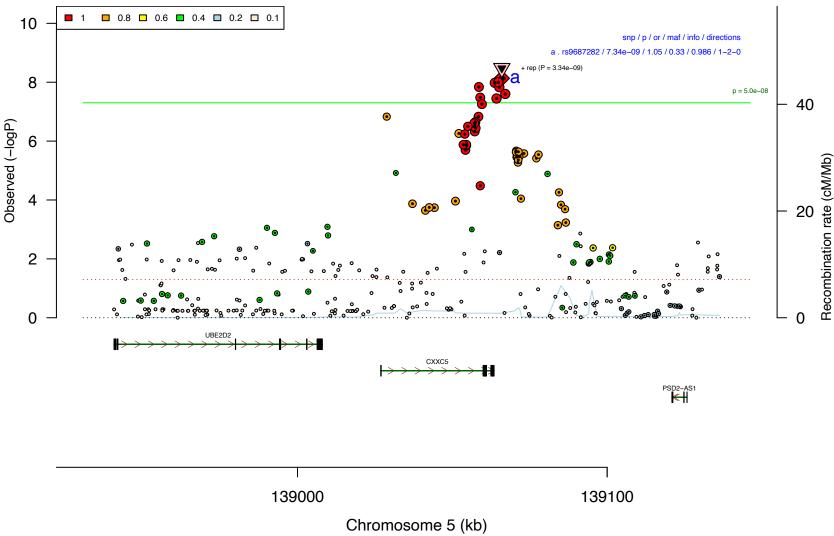
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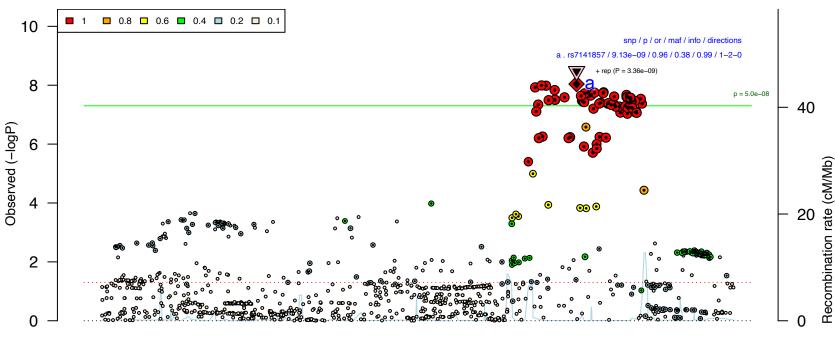
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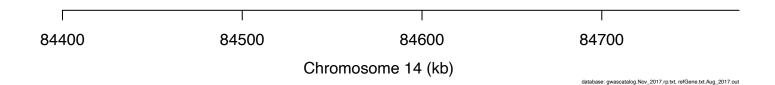


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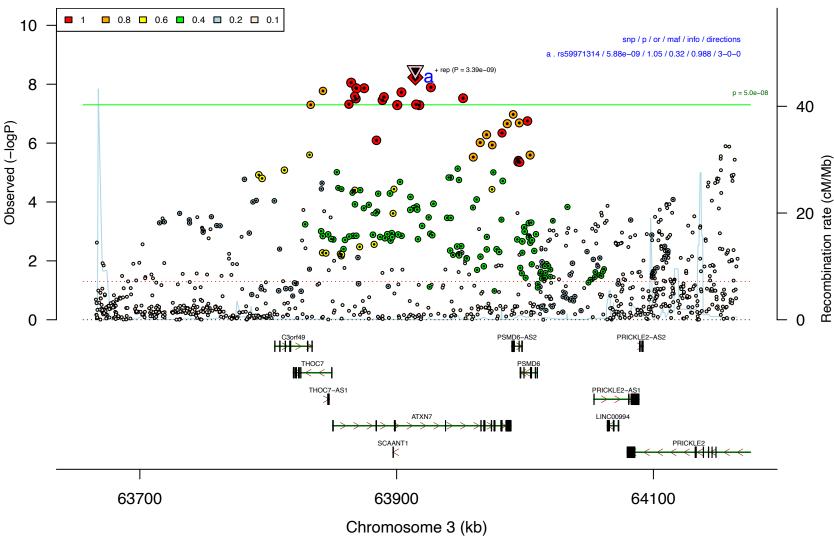


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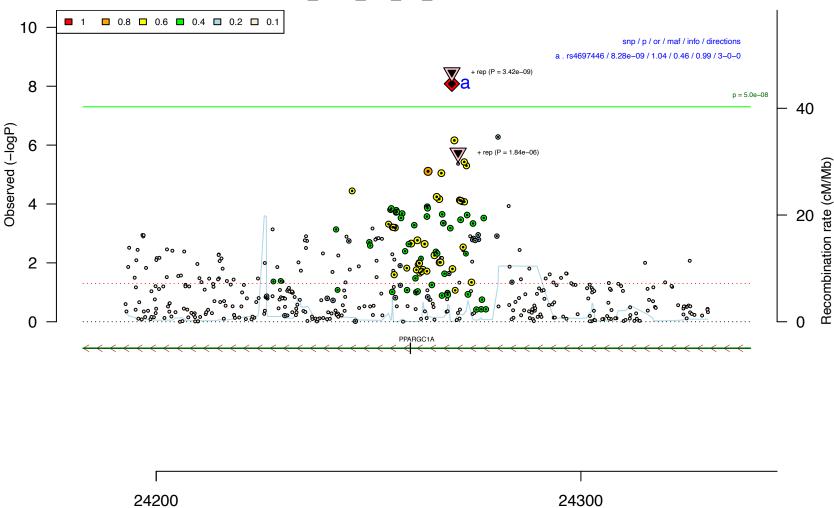




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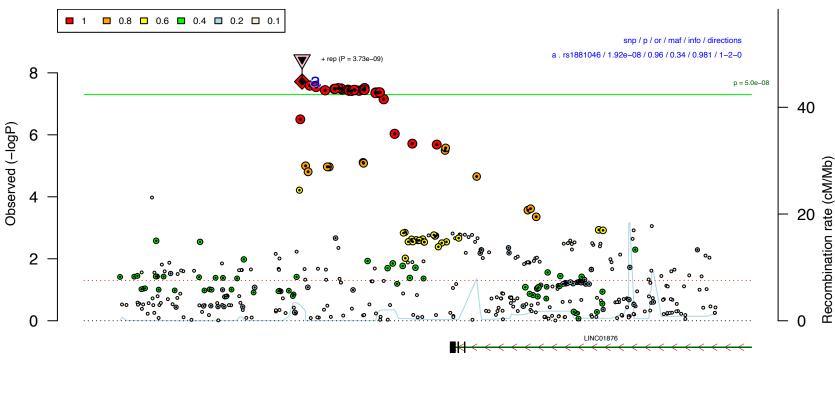


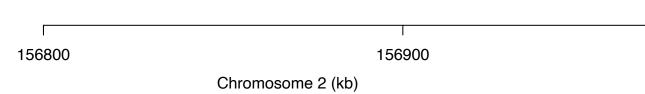
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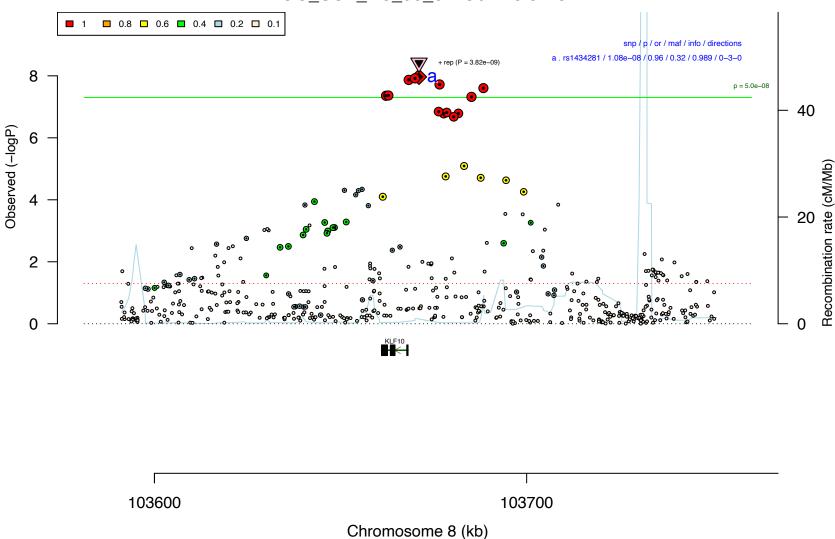
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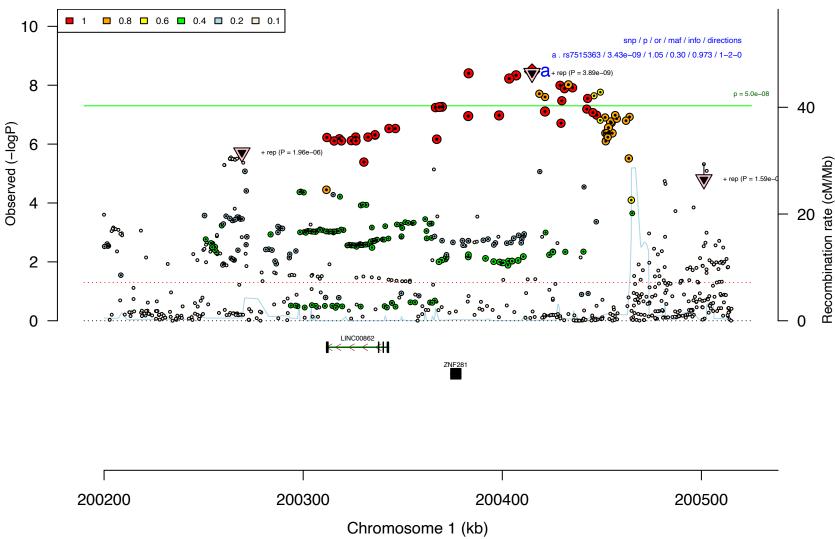




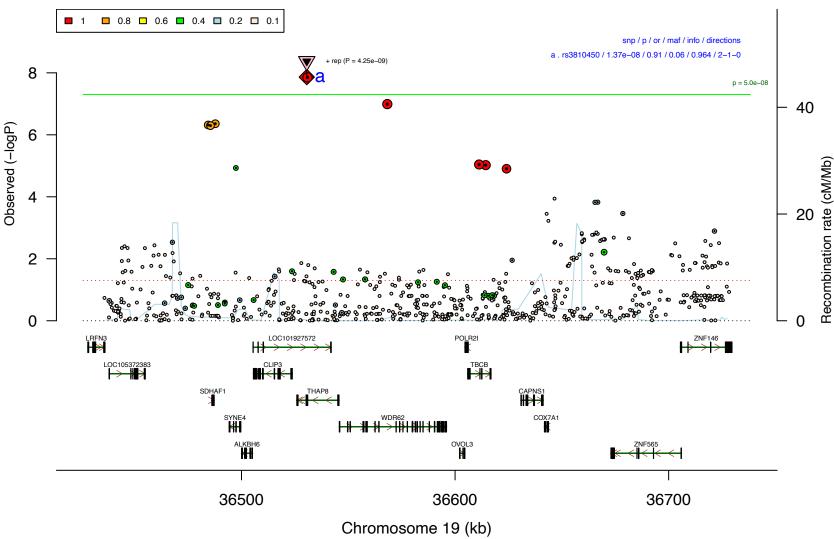
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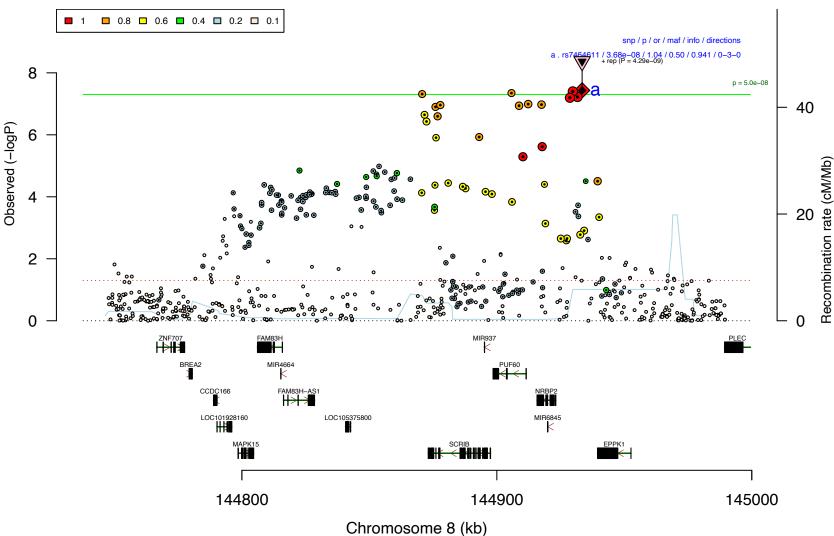
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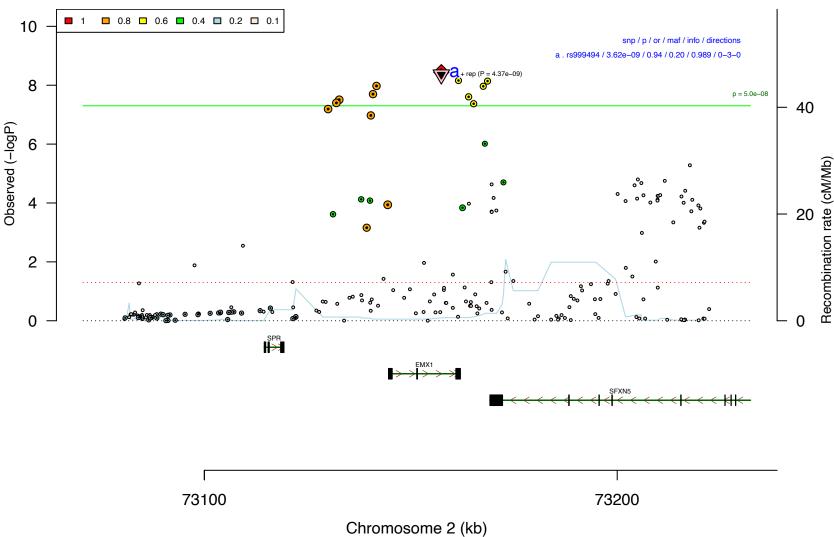
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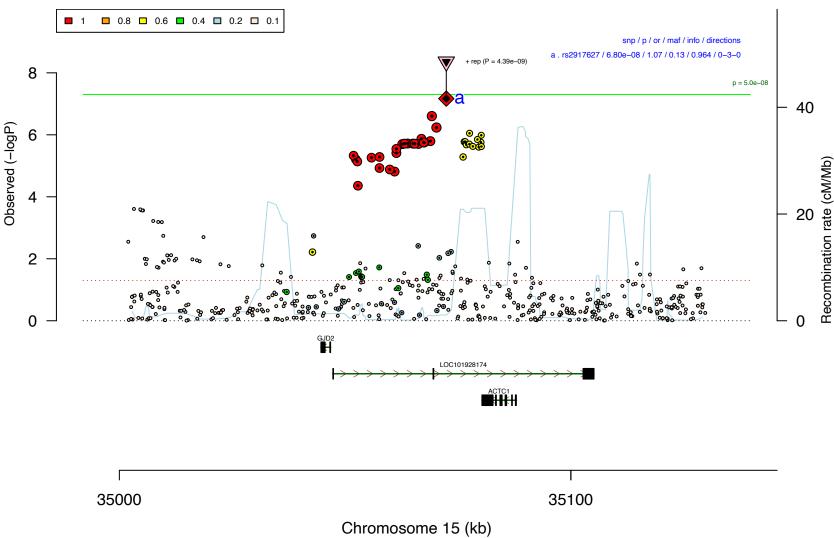
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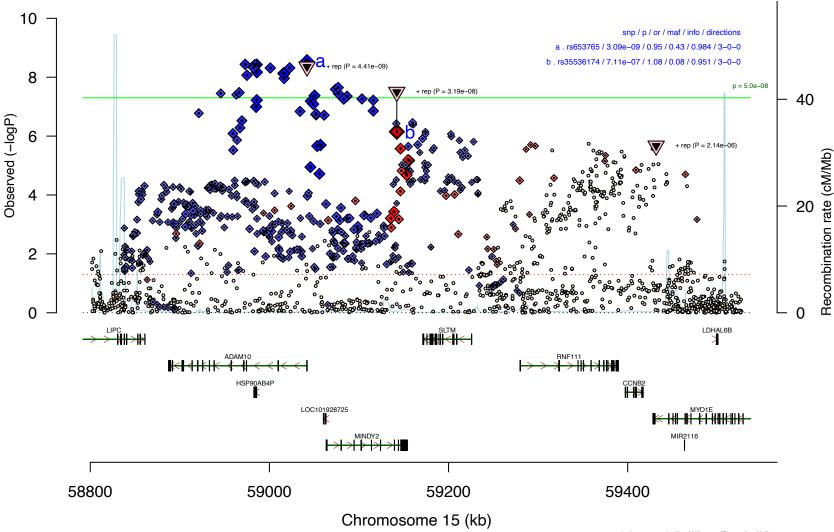
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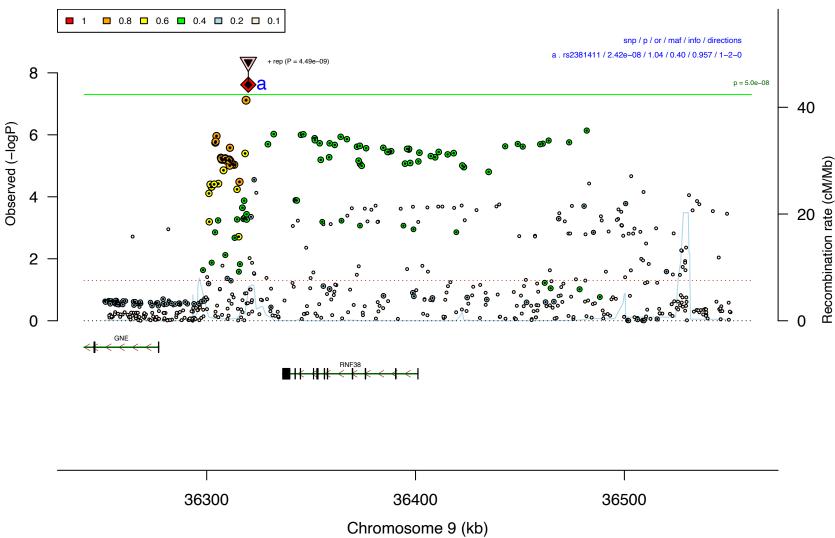


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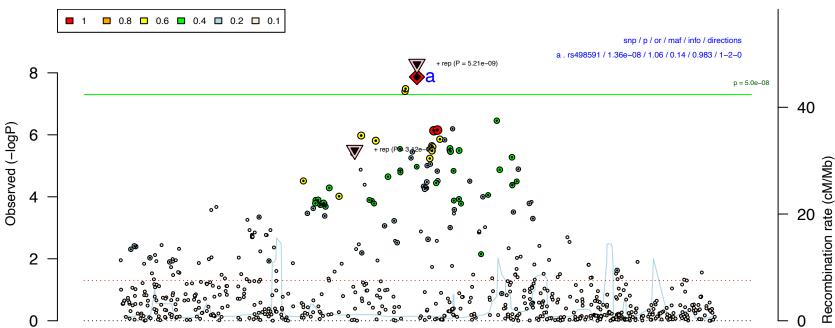


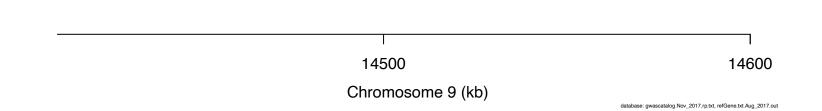
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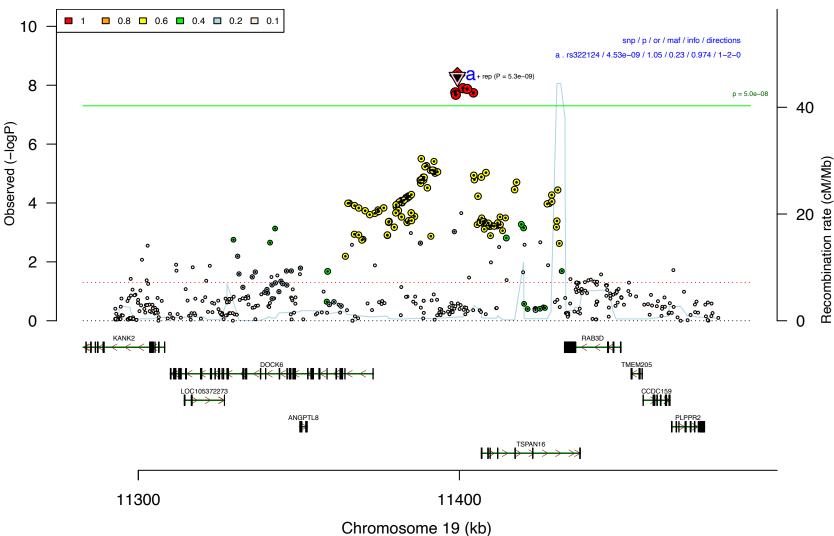


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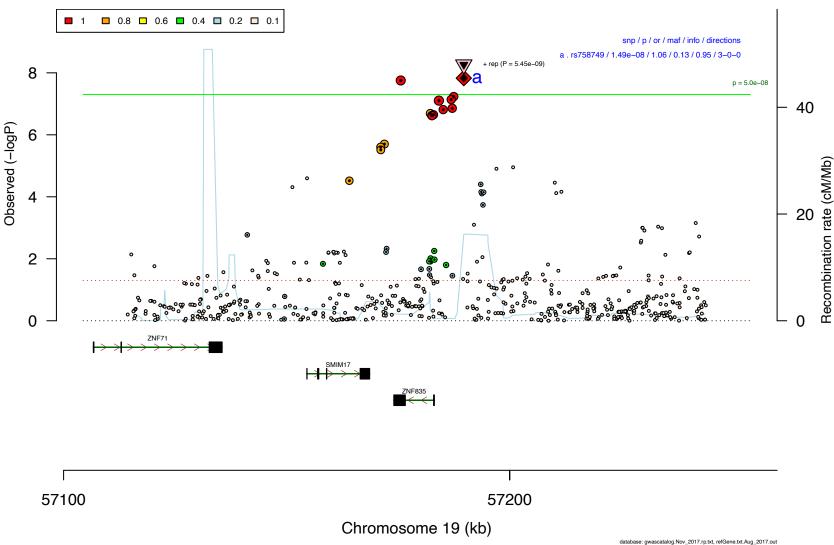




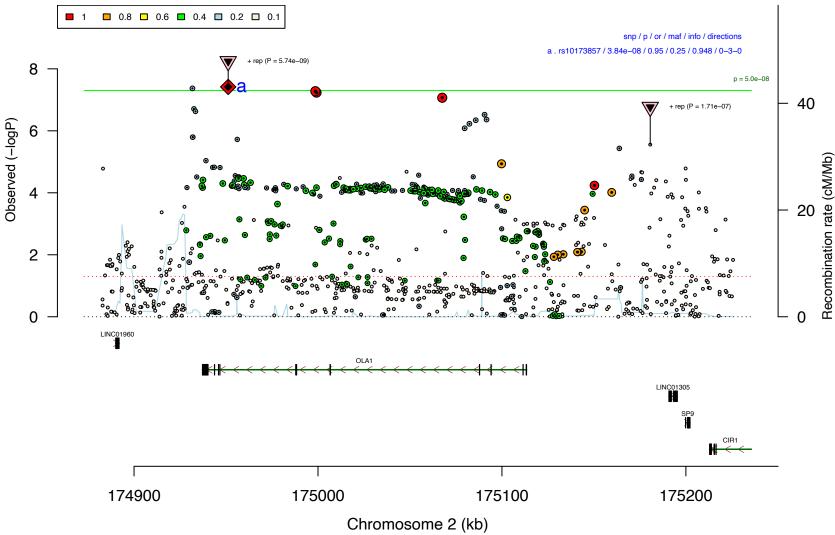
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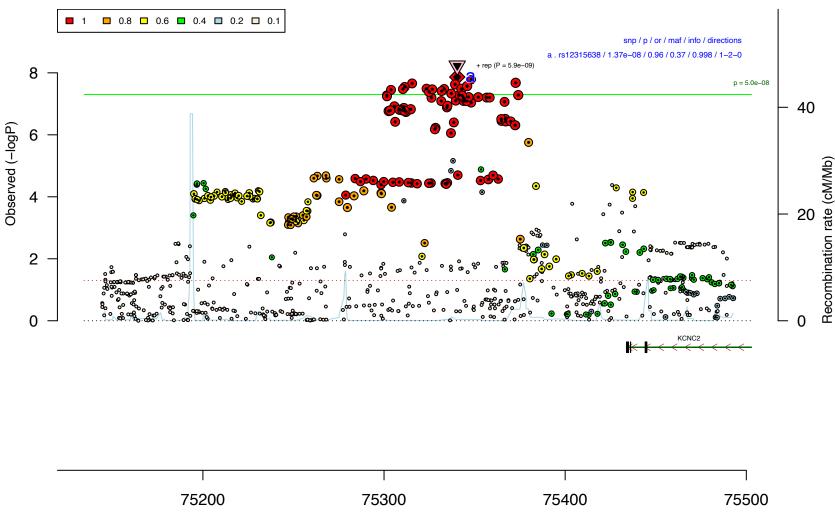
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PGC\_SCZ\_w3\_90\_0418b.187.chr2

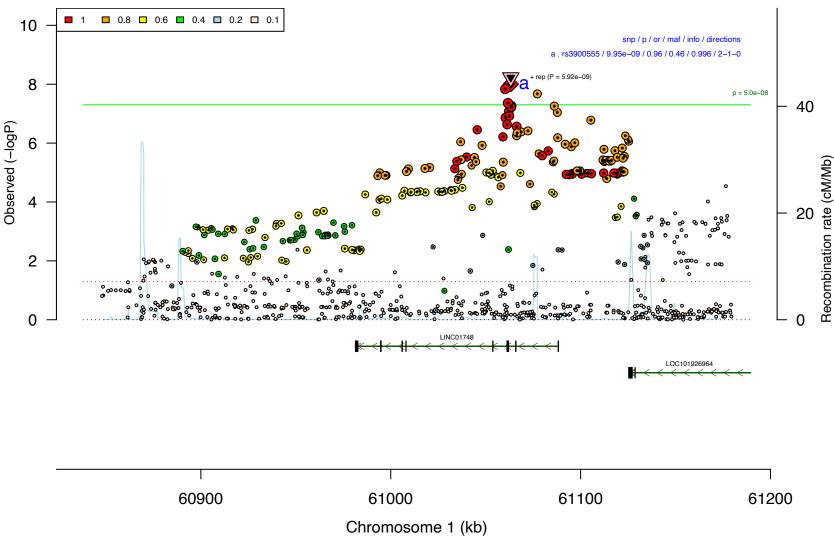


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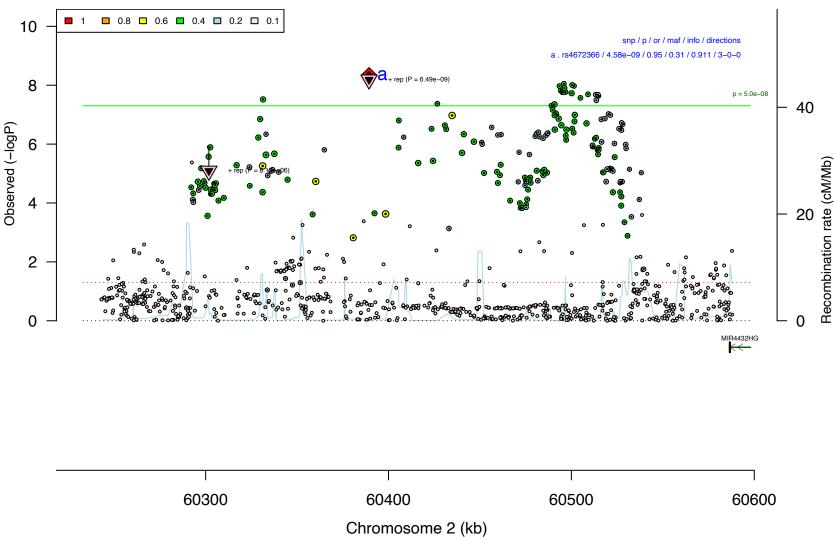


Chromosome 12 (kb)

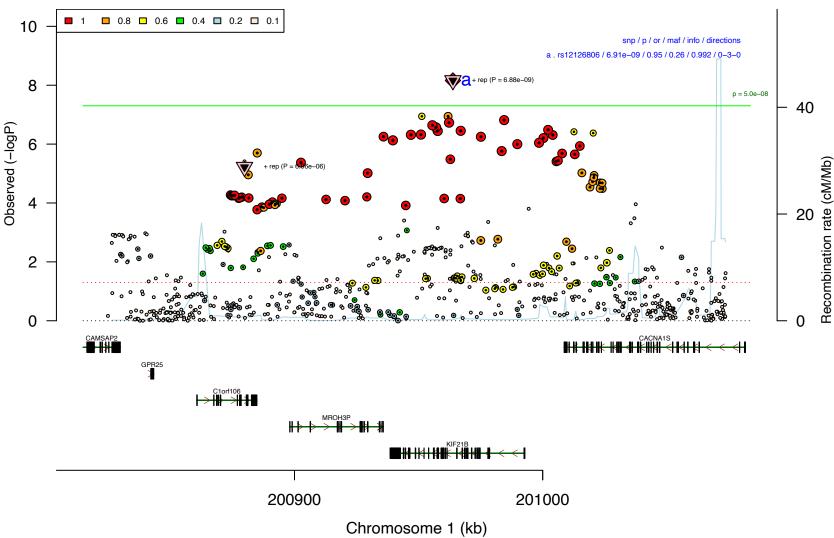
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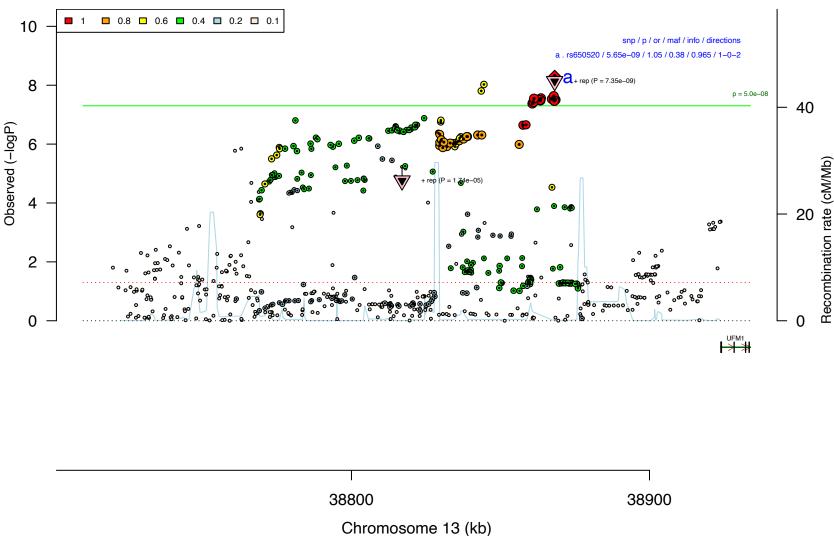
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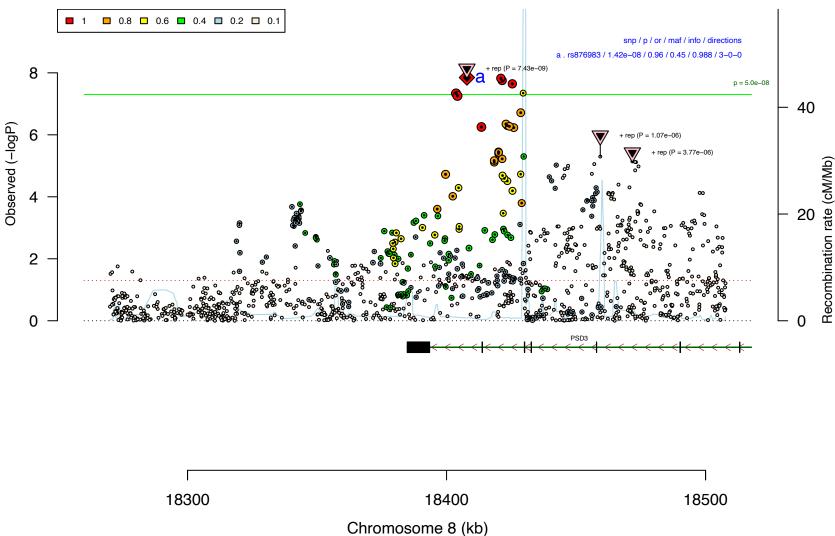
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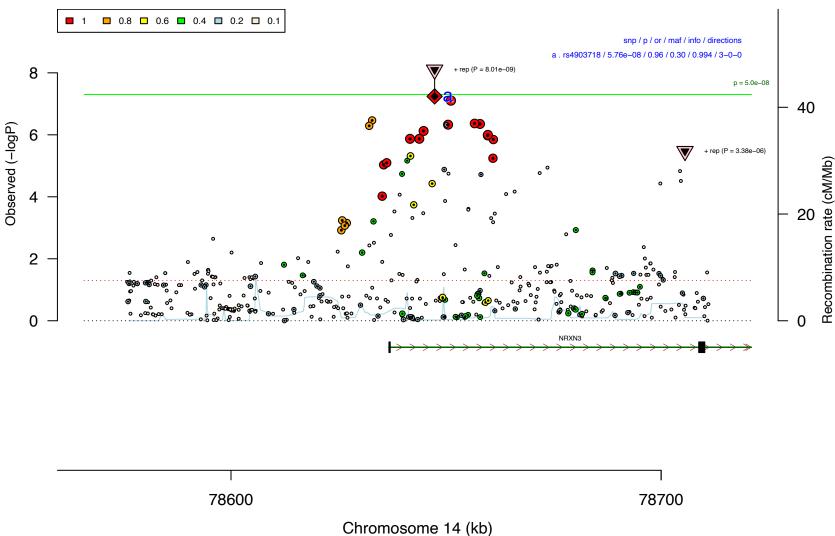
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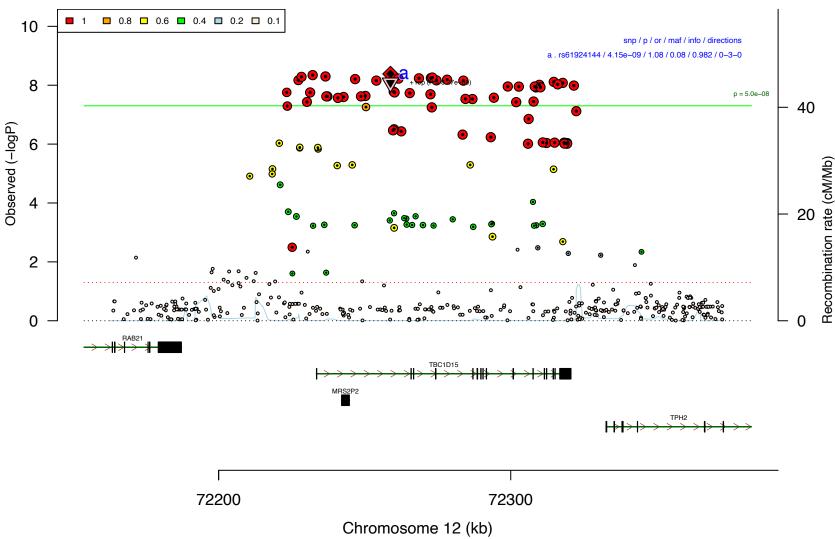
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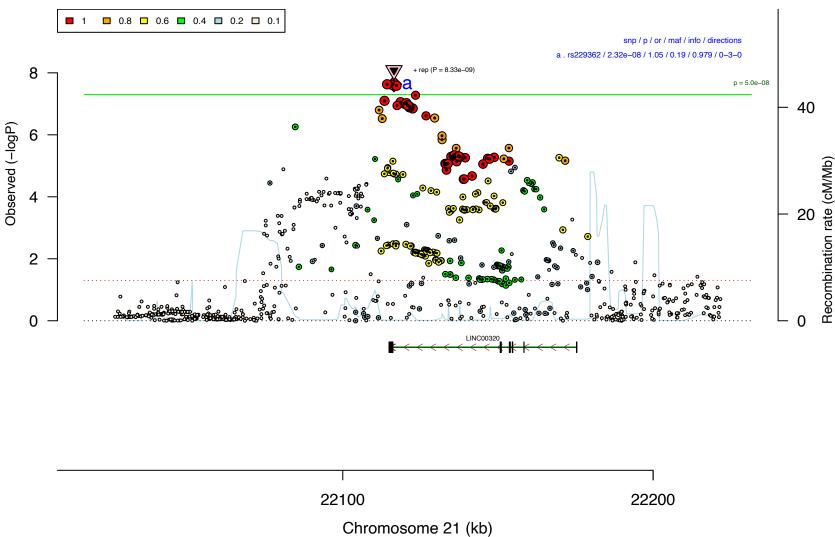
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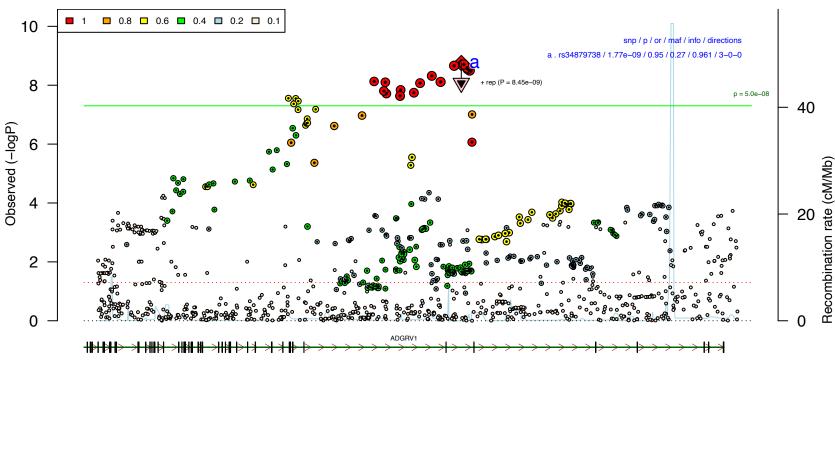
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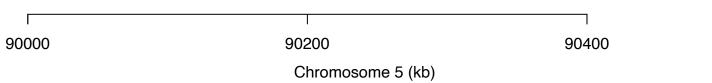


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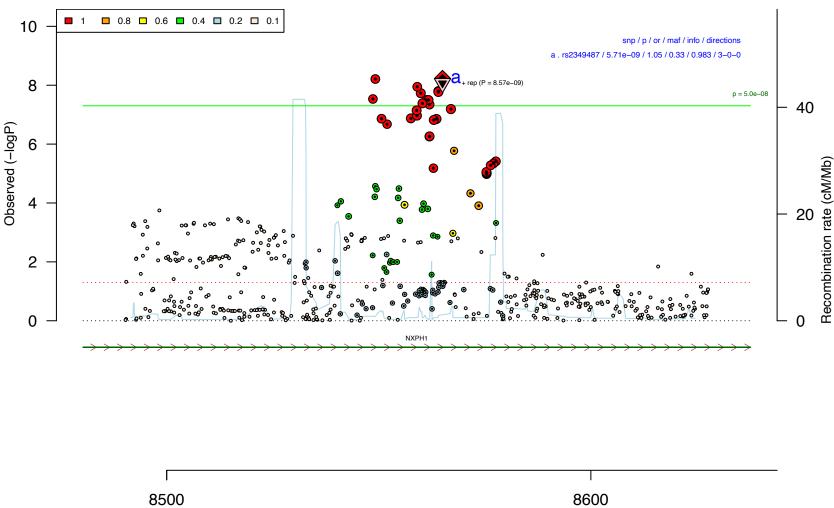


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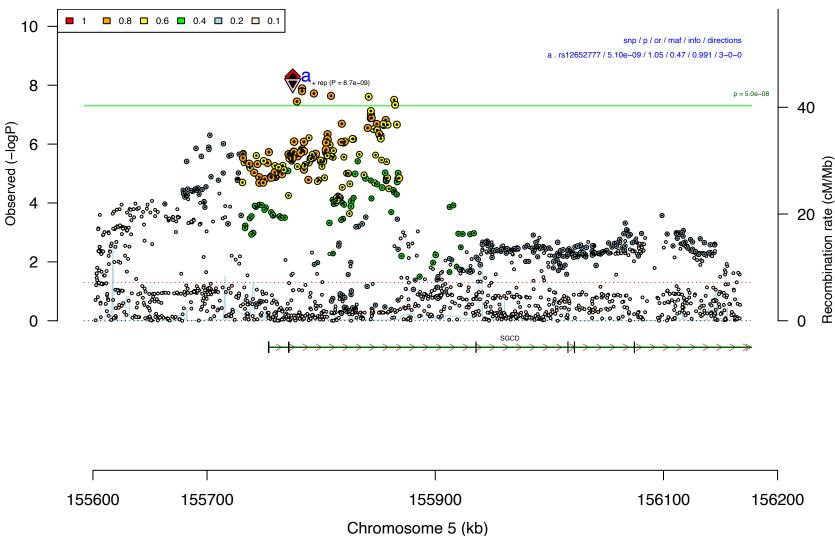


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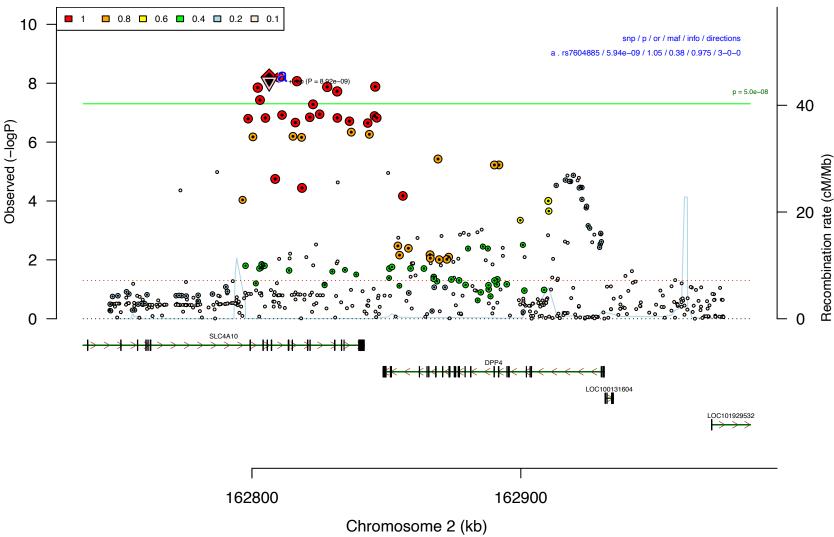


Chromosome 7 (kb)

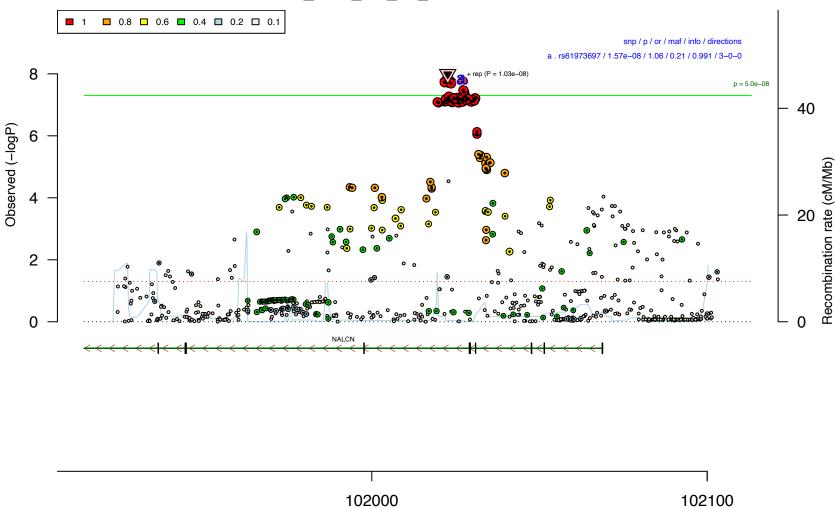
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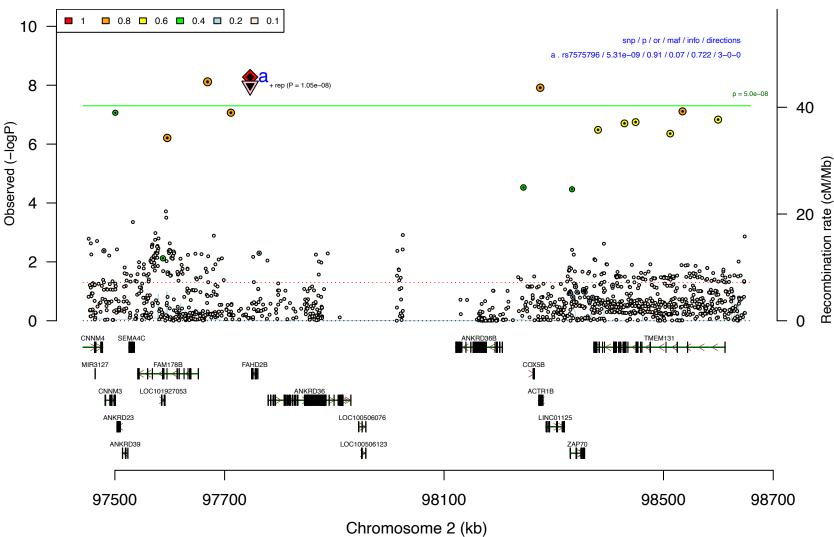


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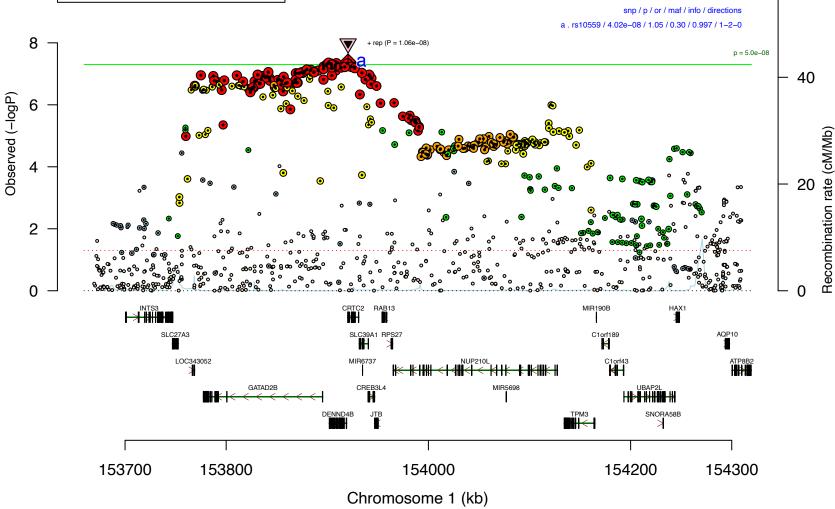
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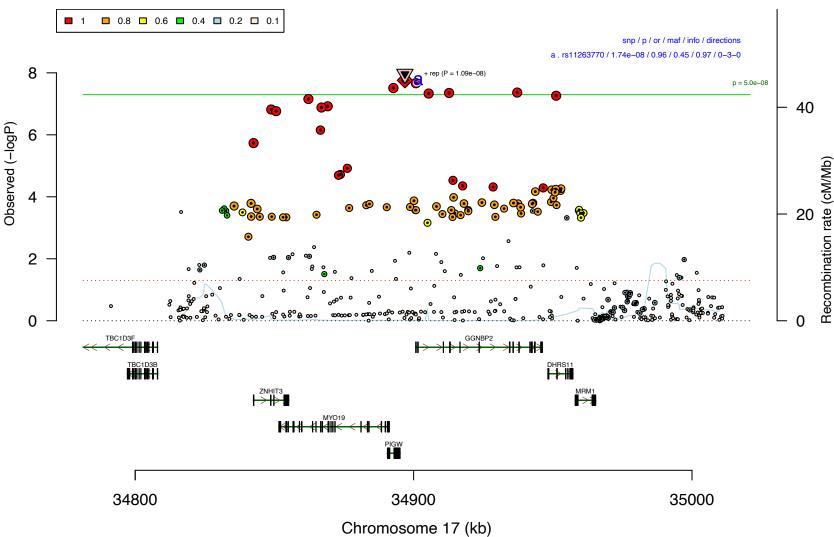


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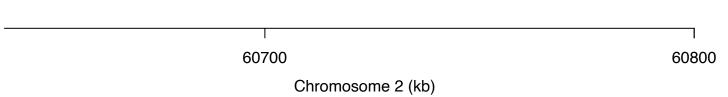
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PGC\_SCZ\_w3\_90\_0418b.205.chr2

#### **0.8 0.6 0.4 0.2 0.1 1** snp / p / or / maf / info / directions a.rs7599488/1.32e-07/0.96/0.48/0.987/0-3-0 8 + rep (P = 1.1e-08) $\nabla$ + rep (P = 9.05e-08) $\nabla$ 🄶a • Observed (-logP) 6 0 4 ۰ 2 。 <mark>9</mark> 0 0° 0 0 జ్ఞి a 88° °0 86 °ş ۰ 0 0





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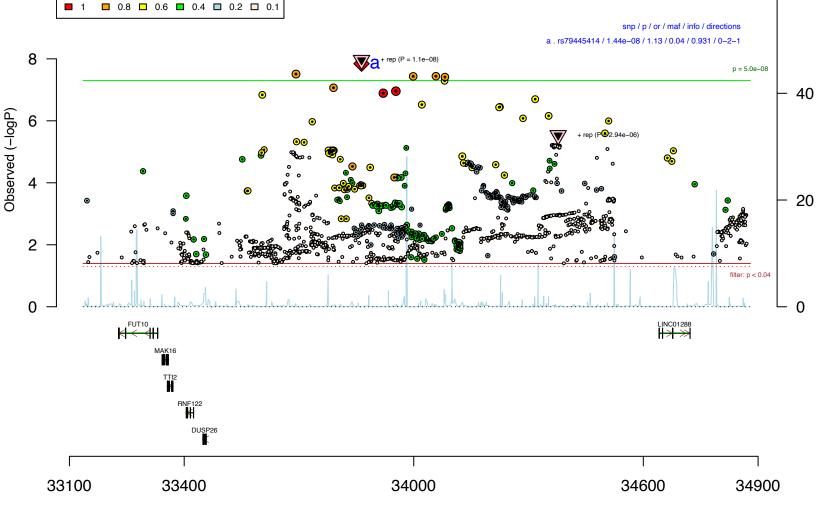
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Recombination rate (cM/Mb)

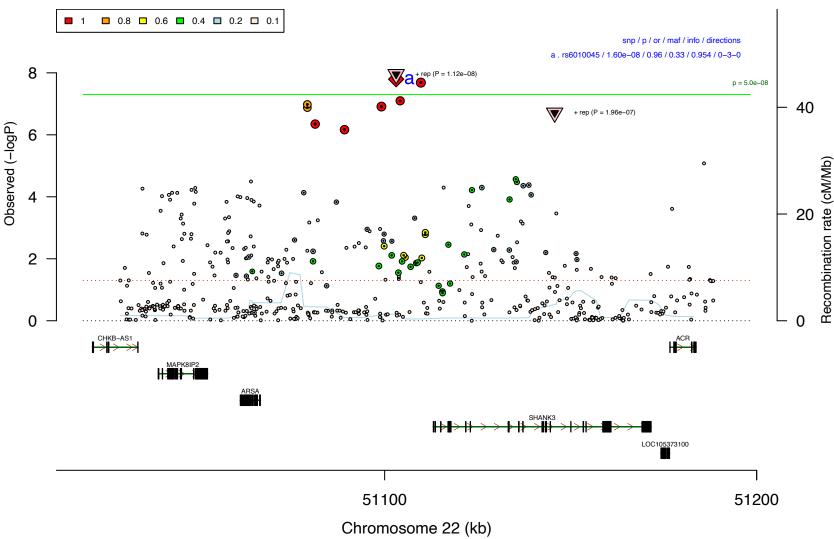
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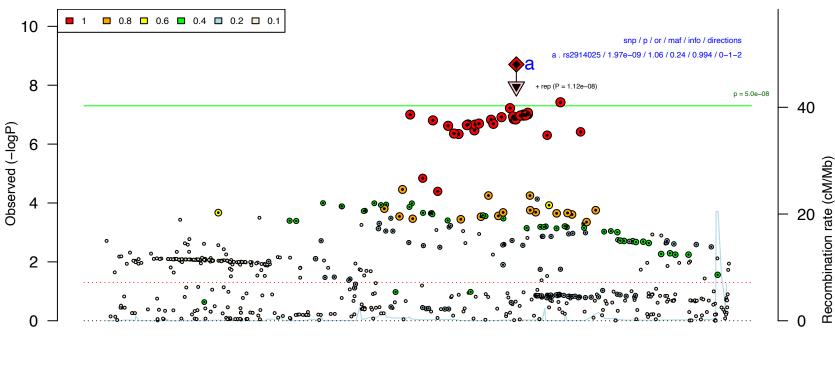
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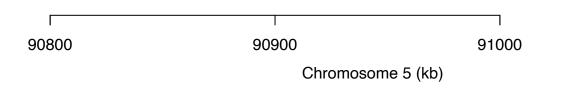
Recombination rate (cM/Mb)

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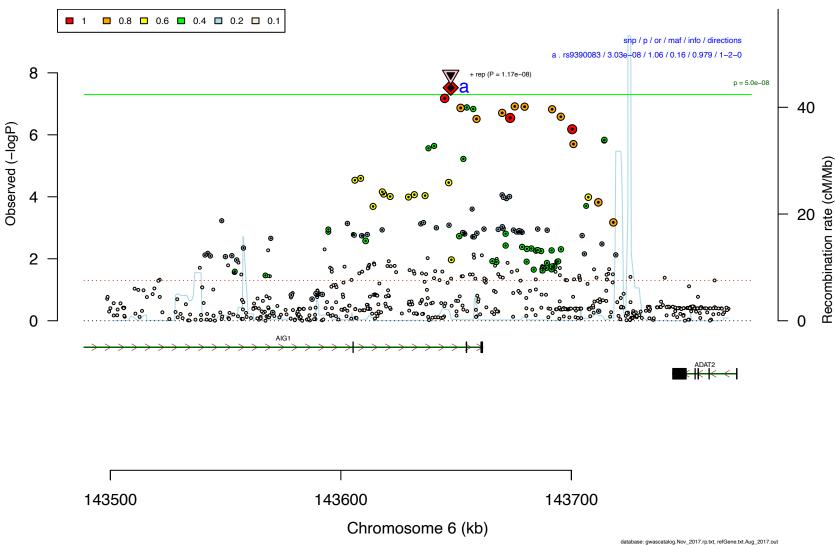


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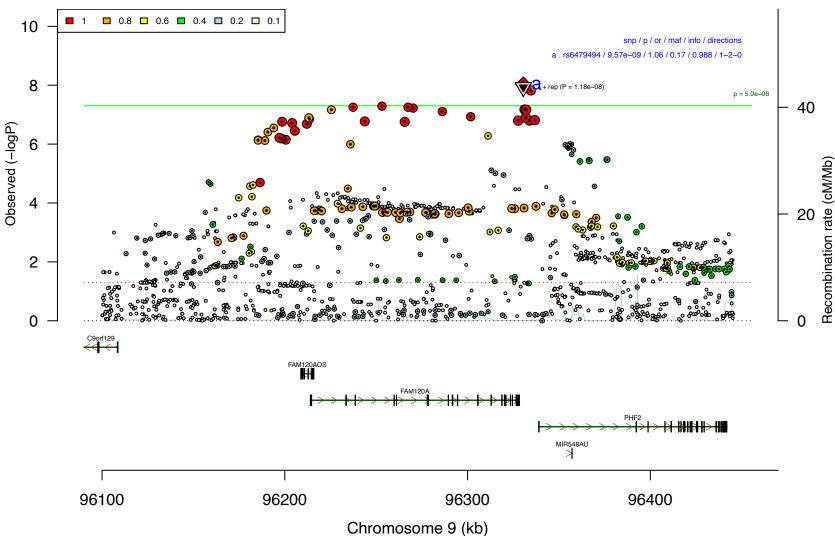




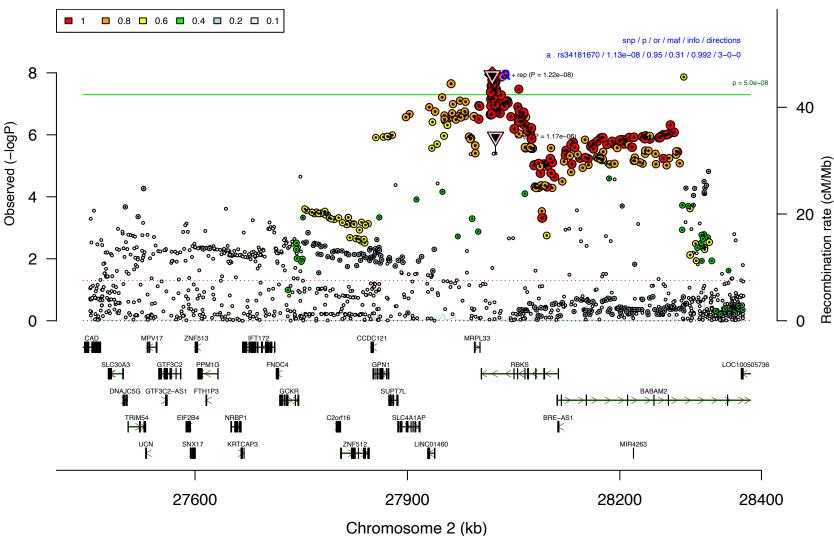
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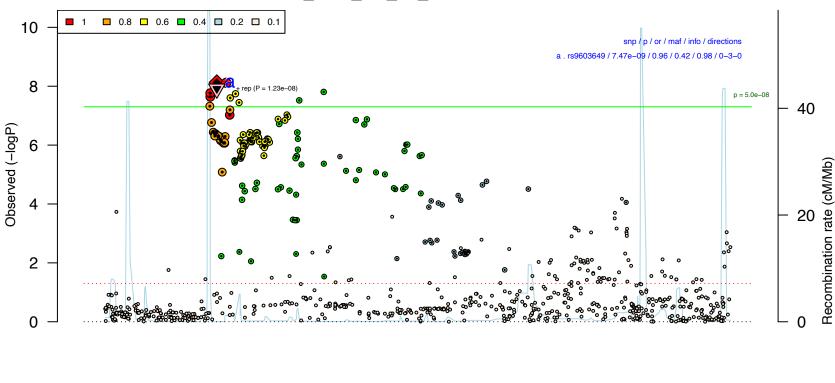


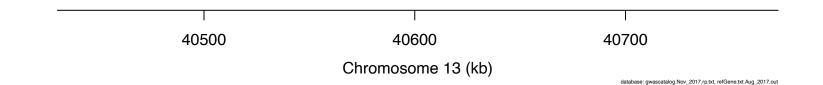
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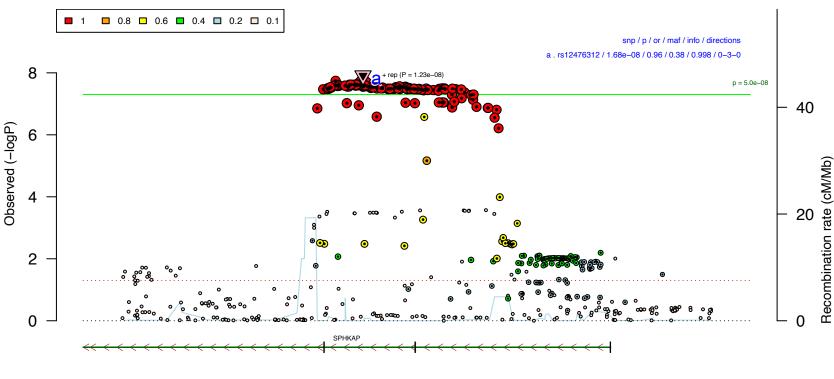
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PGC\_SCZ\_w3\_90\_0418b.212.chr13





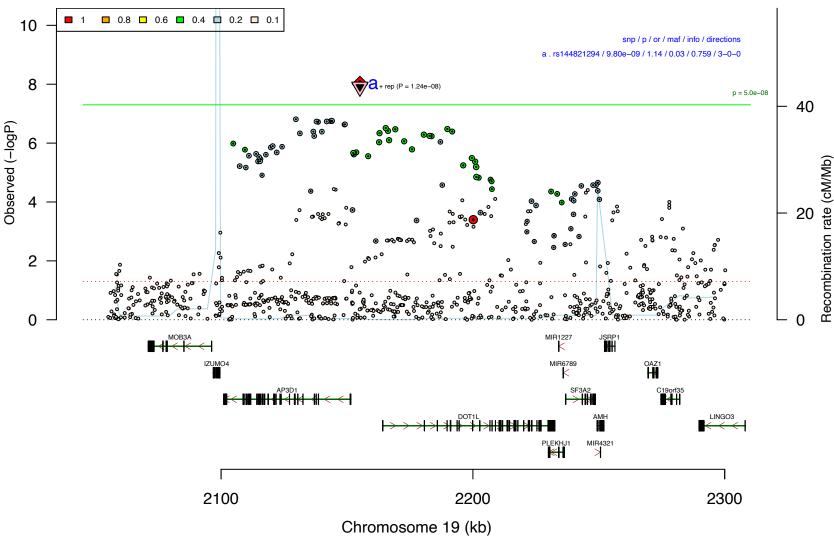
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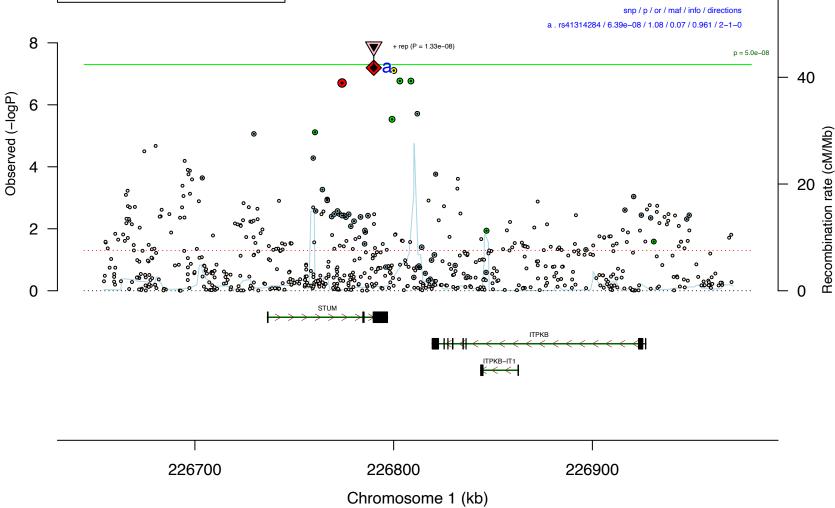
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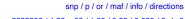
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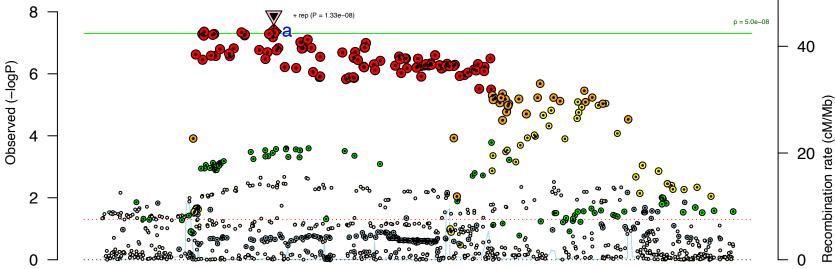


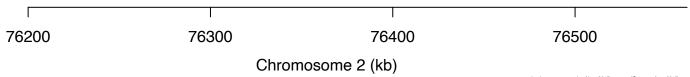
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### ■ 1 ■ 0.8 ■ 0.6 ■ 0.4 ■ 0.2 ■ 0.1

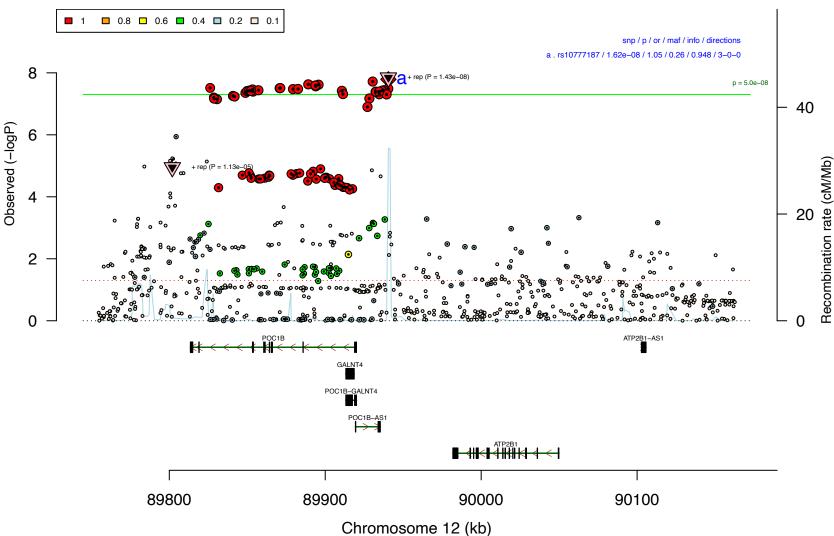






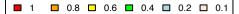


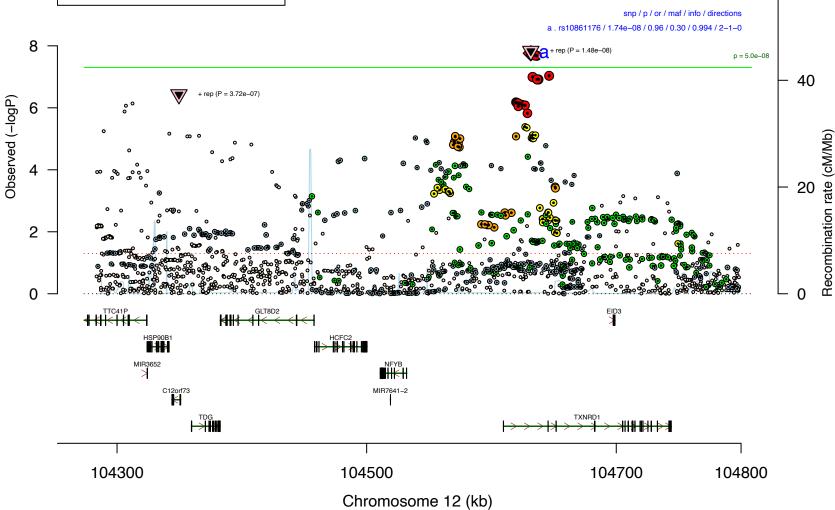
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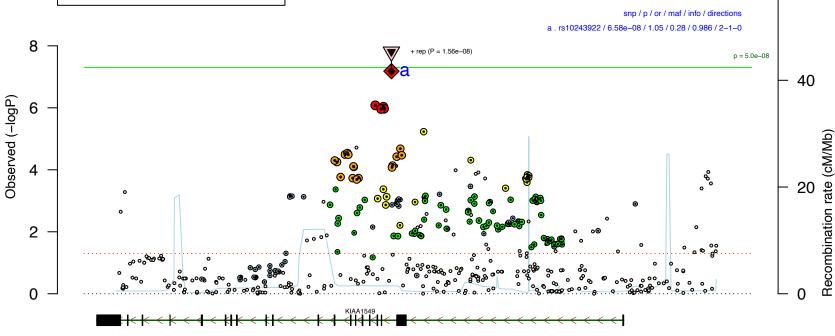
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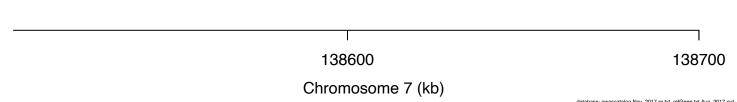
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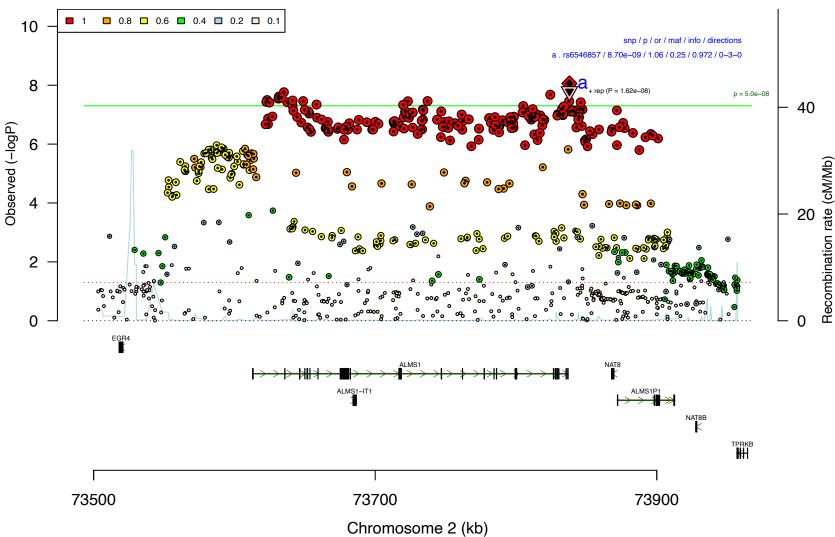


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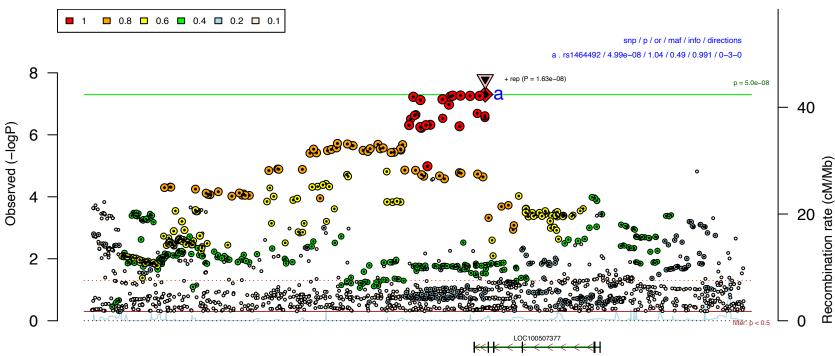


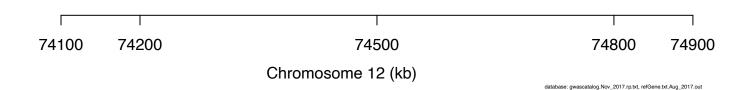


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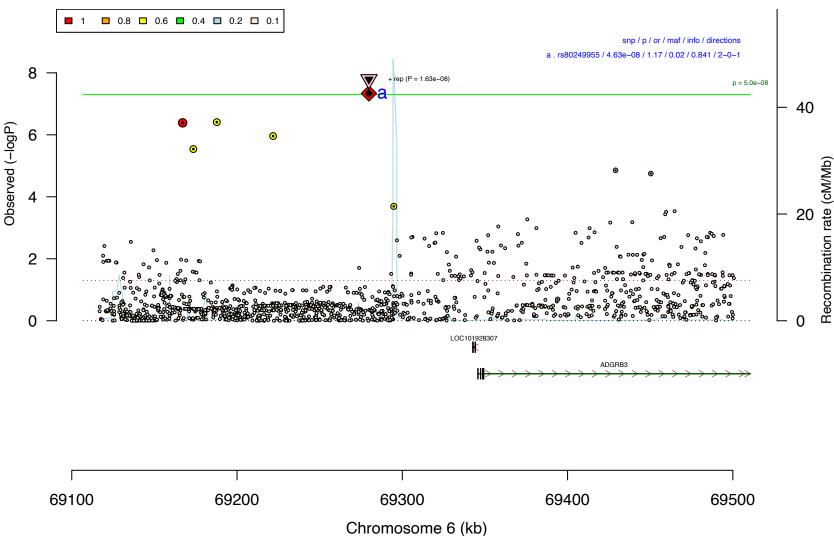


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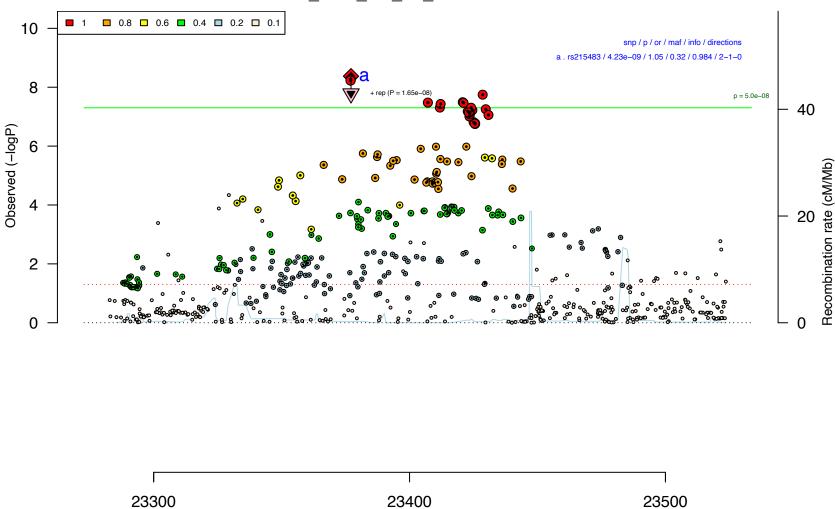




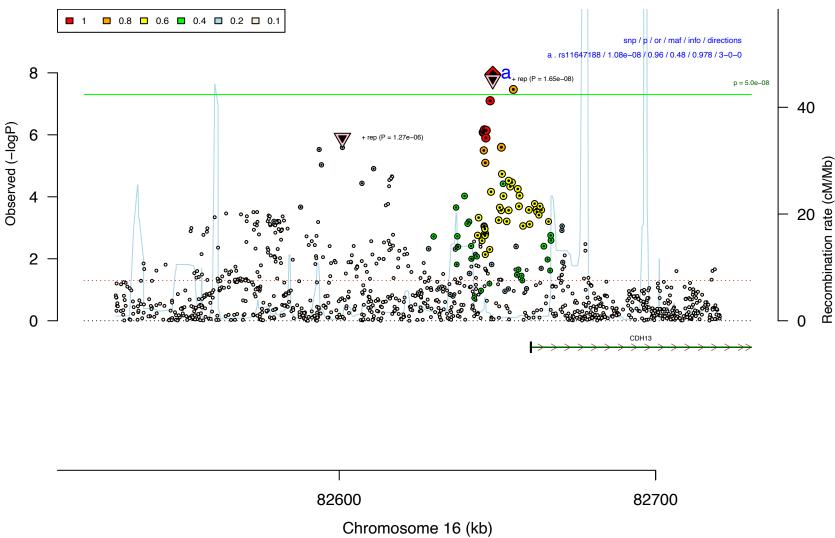
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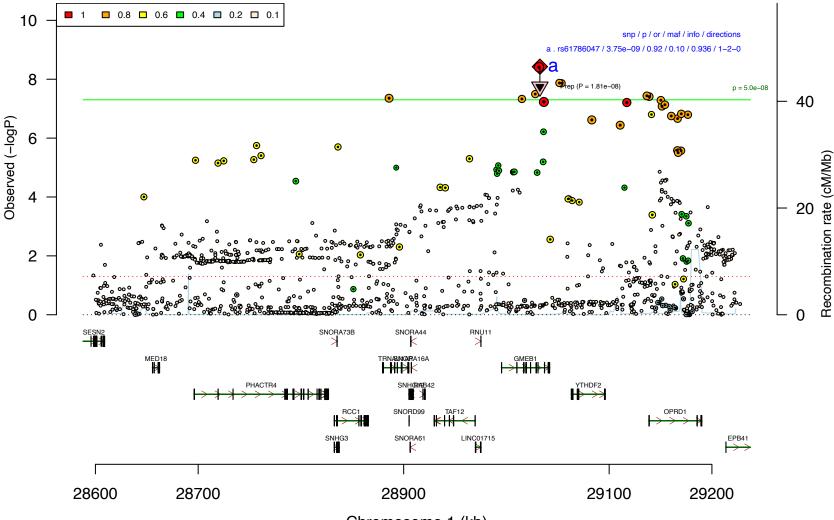
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23400 Chromosome 4 (kb) PGC\_SCZ\_w3\_90\_0418b.224.chr16

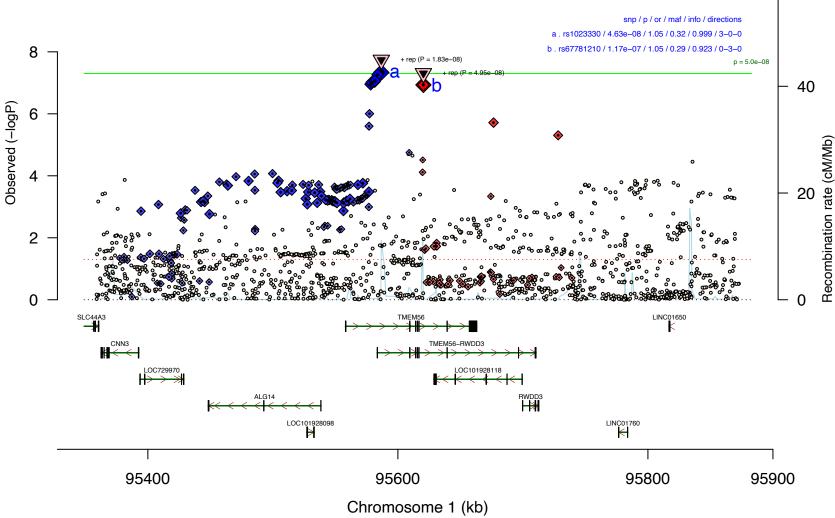


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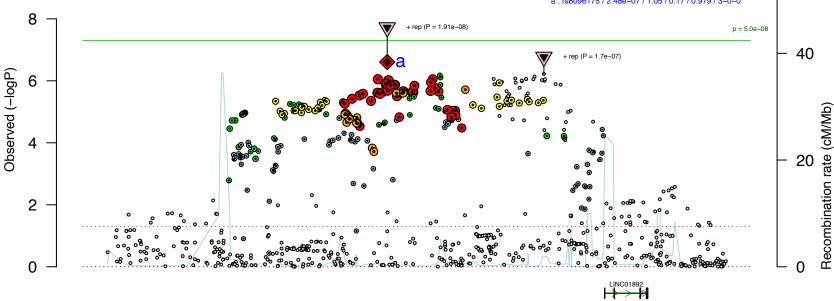
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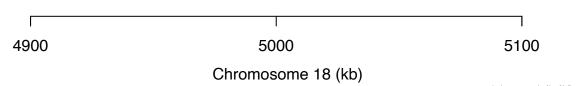
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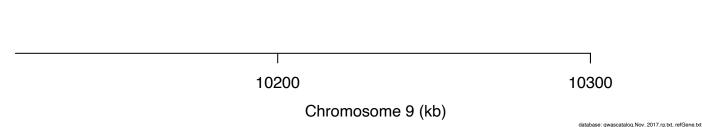




PGC\_SCZ\_w3\_90\_0418b.229.chr9

# **=** 1 ■ 0.8 ■ 0.6 ■ 0.4 ■ 0.2 ■ 0.1 snp / p / or / maf / info / directions a.rs2890914/3.73e-08/1.04/0.48/0.991/1-2-0 8 + rep (P = 1.92e-08) p = 5.0e-08 6 4 0 2 0

Observed (-logP)



PTPRD

40

20

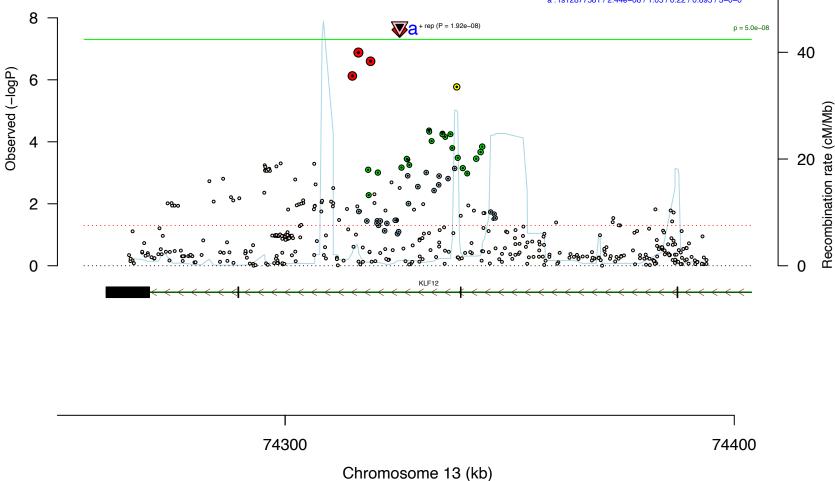
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Recombination rate (cM/Mb)

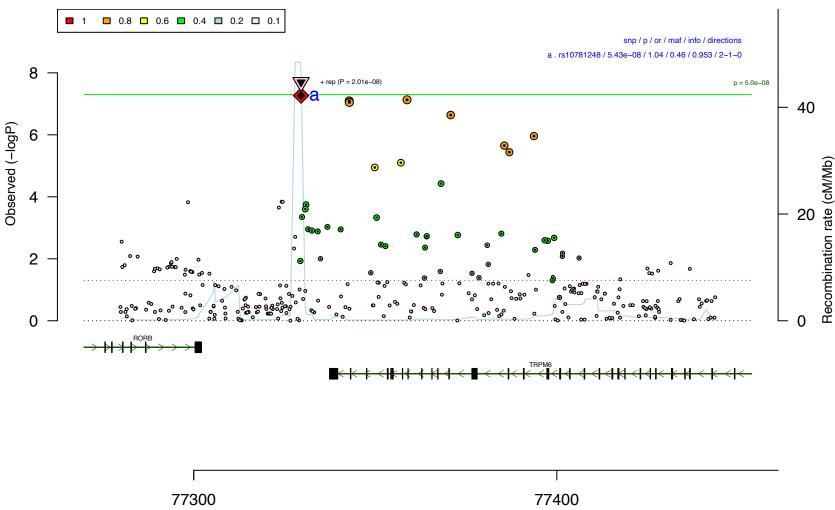
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a . rs12877581 / 2.44e-08 / 1.05 / 0.22 / 0.895 / 3-0-0

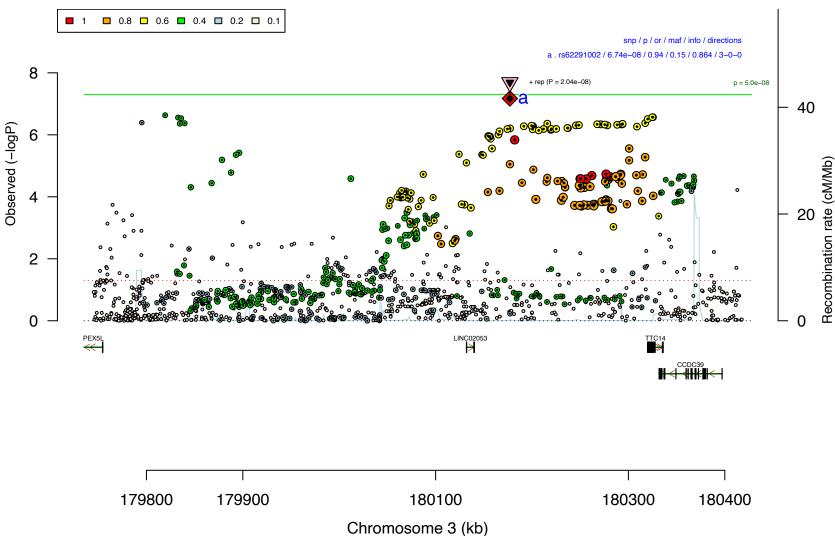


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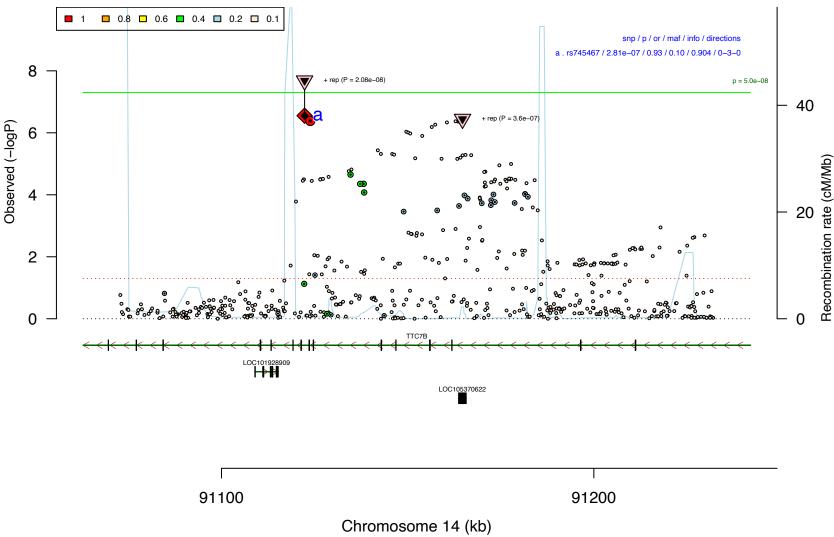


Chromosome 9 (kb)

PGC\_SCZ\_w3\_90\_0418b.232.chr3

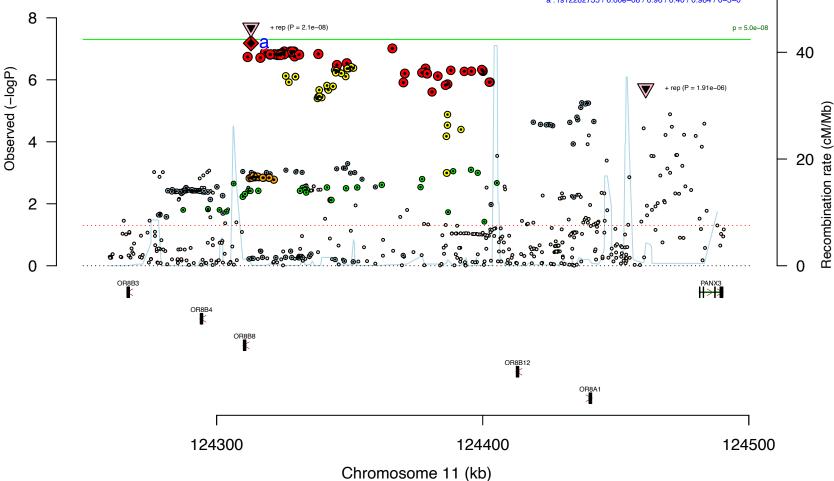


PGC\_SCZ\_w3\_90\_0418b.233.chr14



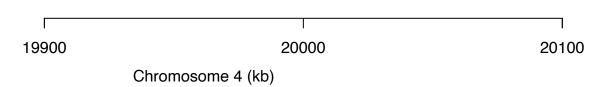
PGC\_SCZ\_w3\_90\_0418b.234.chr11

snp / p / or / maf / info / directions a . rs12282735 / 6.60e-08 / 0.96 / 0.40 / 0.984 / 0-3-0



PGC\_SCZ\_w3\_90\_0418b.235.chr4

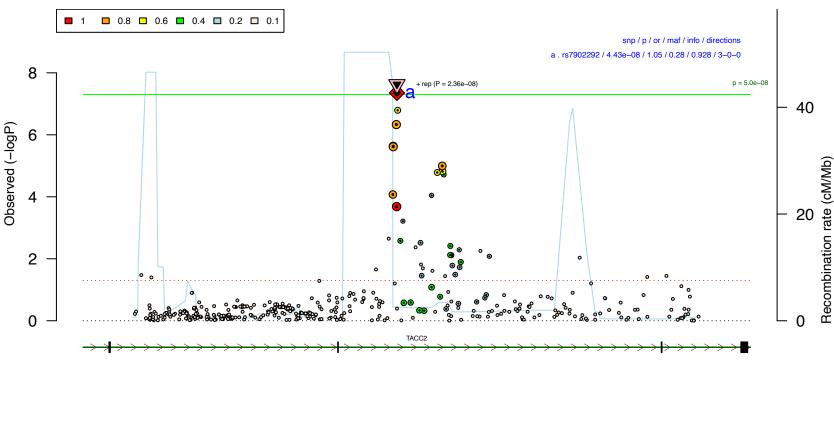
### **=** 1 ■ 0.8 ■ 0.6 ■ 0.4 ■ 0.2 ■ 0.1 snp / p / or / maf / info / directions a.rs59518103/4.51e-08/0.92/0.08/0.994/3-0-0 8 + rep (P = 2.21e-08) p = 5.0e-08 40 Observed (-logP) 6 Recombination rate (cM/Mb) 4 **@}**0 20 ۰ ، 2 0 n



PGC\_SCZ\_w3\_90\_0418b.236.chr7

### ■ 0.8 ■ 0.6 ■ 0.4 ■ 0.2 ■ 0.1 **1** snp / p / or / maf / info / directions a . rs6946576 / 4.94e-08 / 1.05 / 0.43 / 0.827 / 0-3-0 8 + rep (P = 2.25e-08) $\nabla$ p = 5.0e-08 ۲ • 40 Observed (-logP) 6 Recombination rate (cM/Mb) 4 20 • ۰ 2 ~8° ്ര 8ം 0 n LOC100129148 KLRG2 ⊨≯ UC7L2 FMC1 C7orf55-LUC7L2 139000 139100 138900 139200 Chromosome 7 (kb)

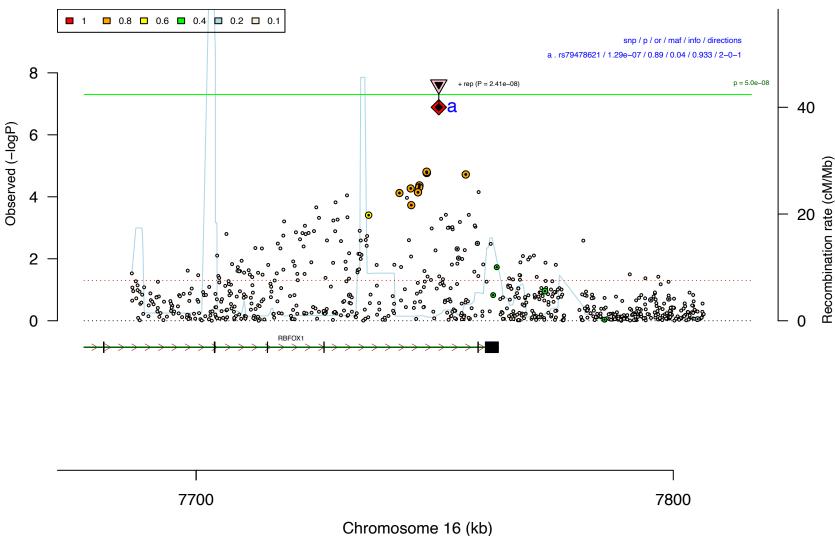
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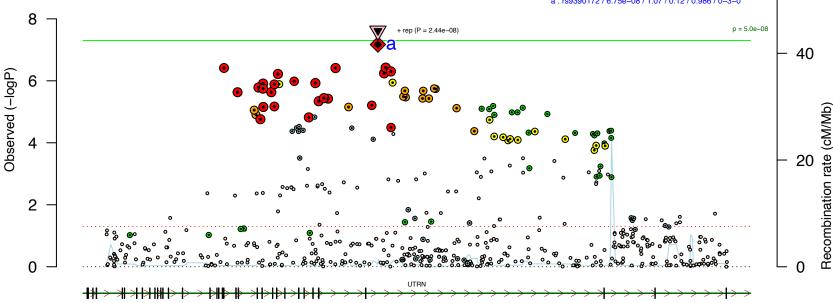
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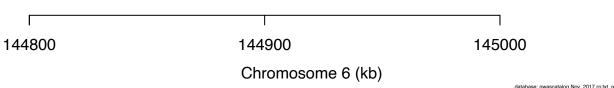
PGC\_SCZ\_w3\_90\_0418b.238.chr16



PGC\_SCZ\_w3\_90\_0418b.239.chr6

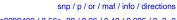


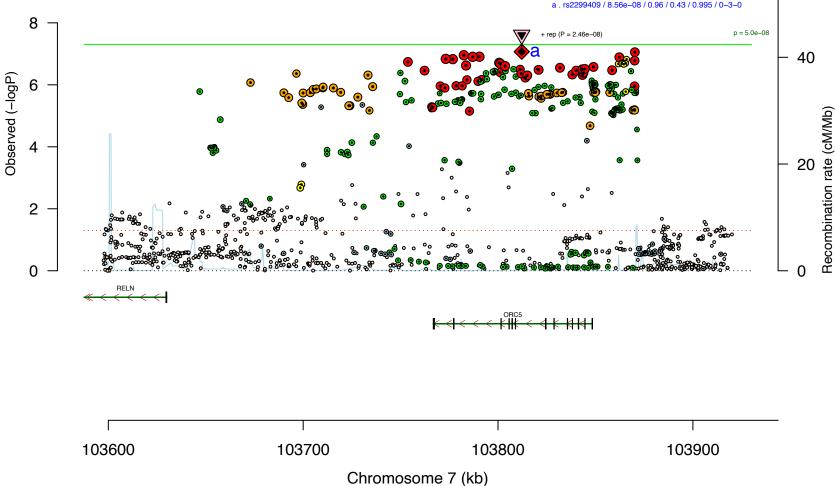




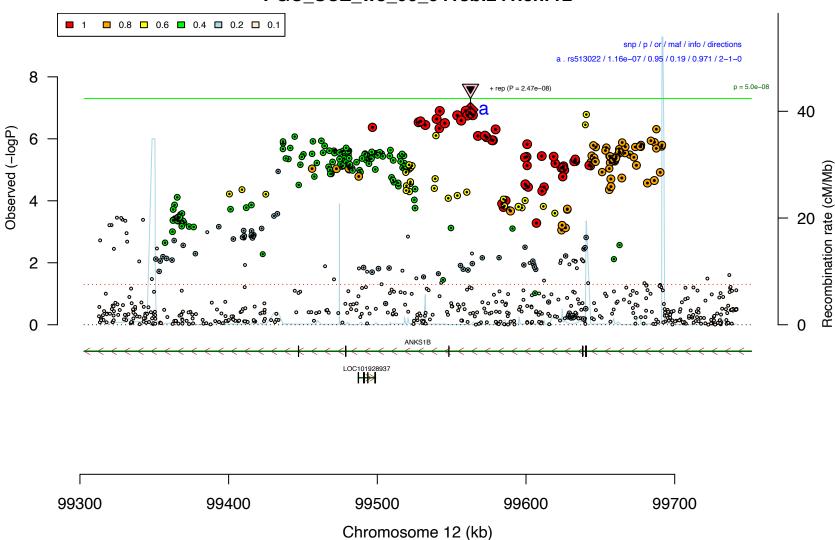
PGC\_SCZ\_w3\_90\_0418b.240.chr7

#### **1** 0.8 0.6 **0.4** 0.2 0.1





PGC\_SCZ\_w3\_90\_0418b.241.chr12

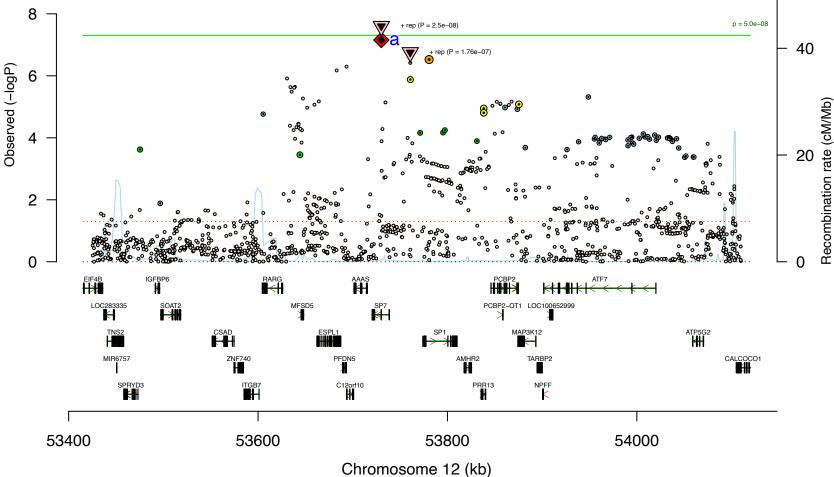


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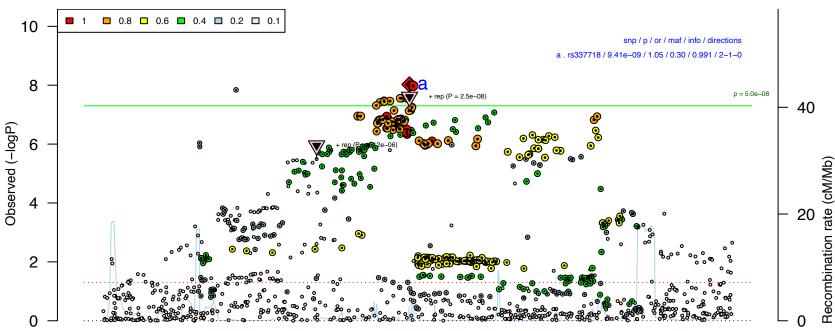
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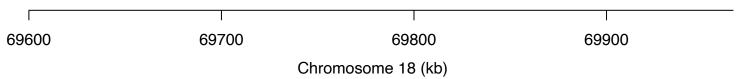


a.rs61928076/7.01e-08/1.15/0.03/0.727/2-0-1



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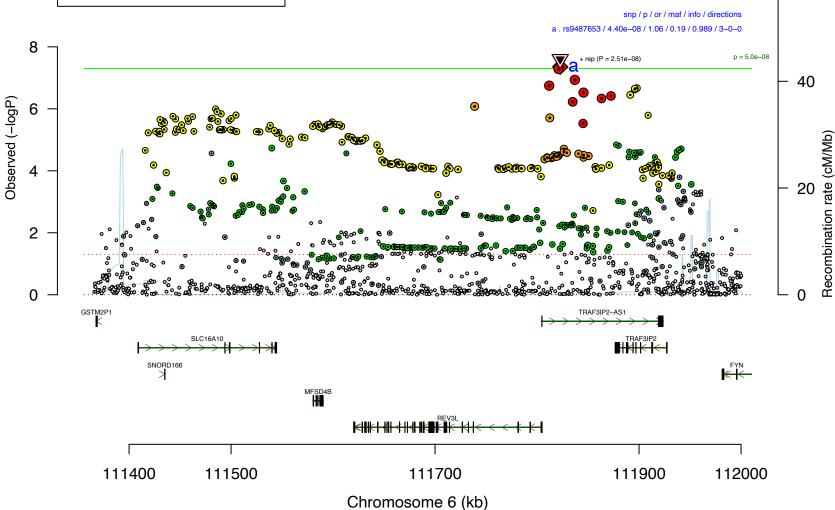




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### PGC\_SCZ\_w3\_90\_0418b.244.chr6

#### ■ 1 ■ 0.8 ■ 0.6 ■ 0.4 ■ 0.2 ■ 0.1



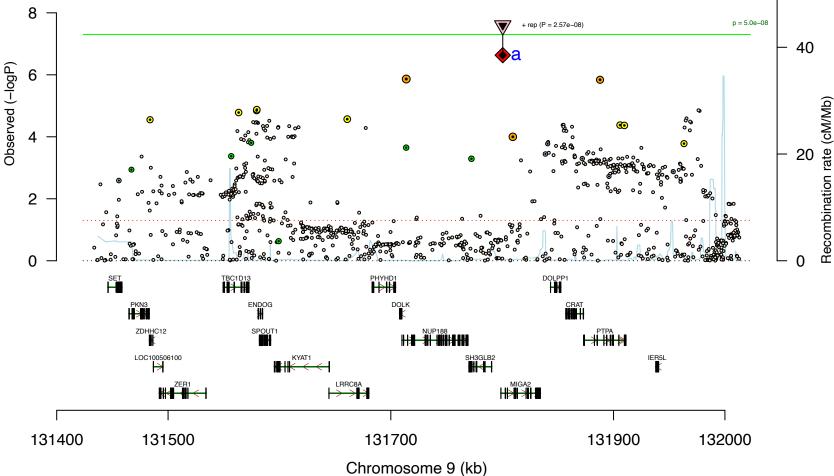
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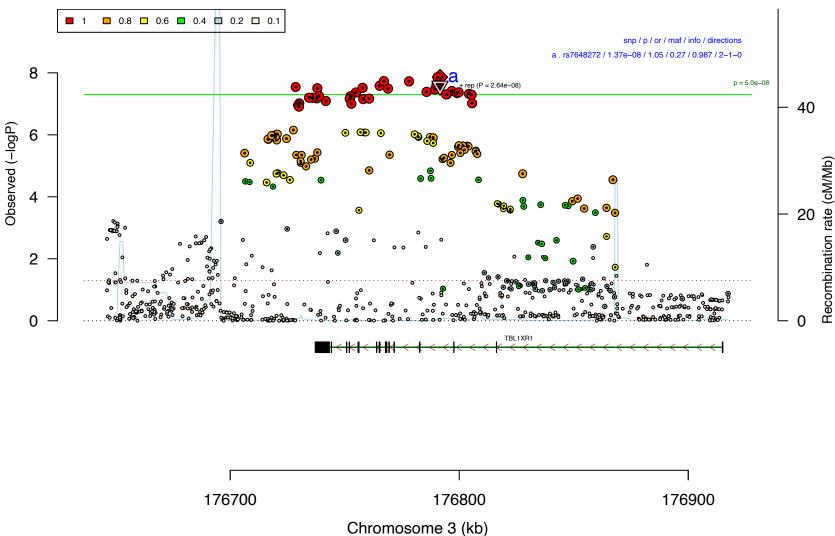




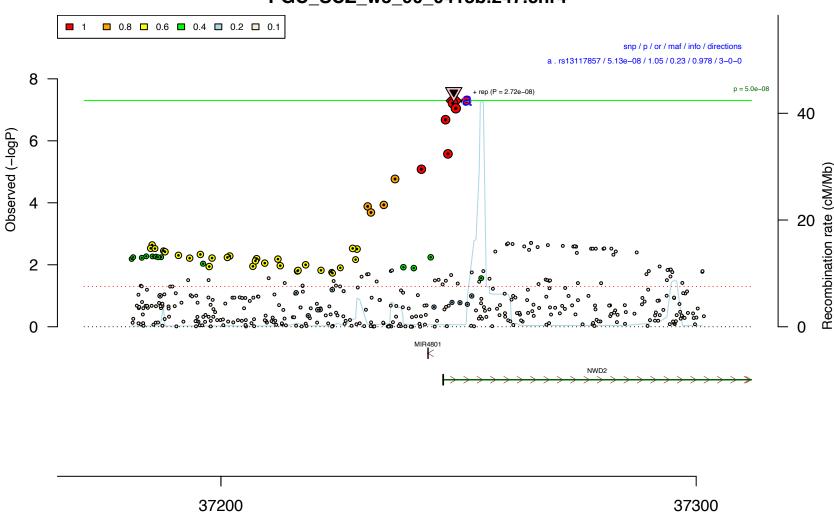
a . rs6478858 / 2.33e-07 / 1.10 / 0.05 / 0.83 / 2-1-0



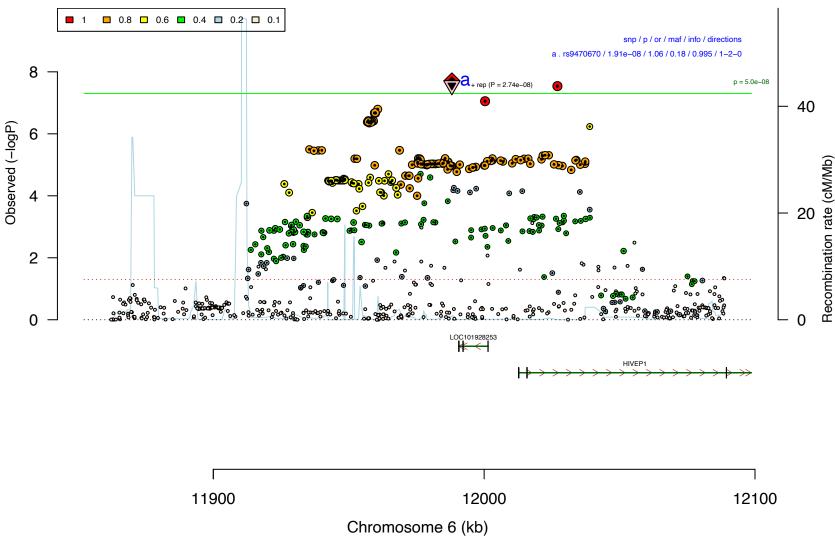
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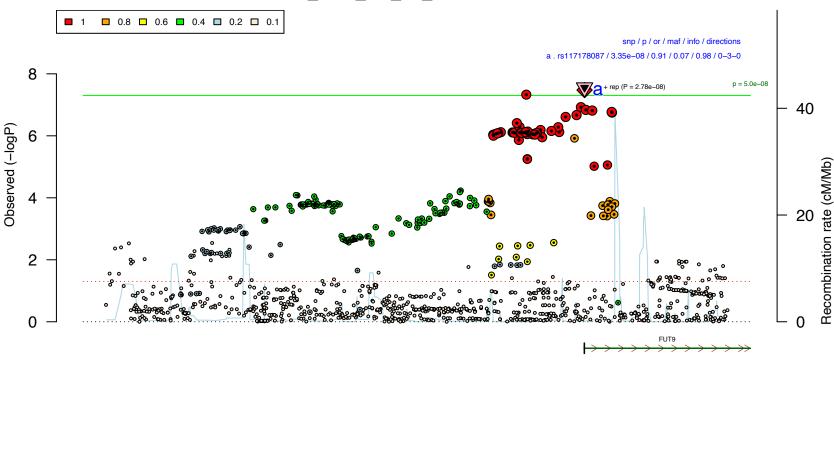
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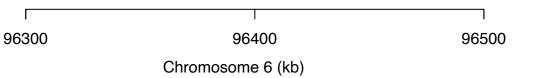


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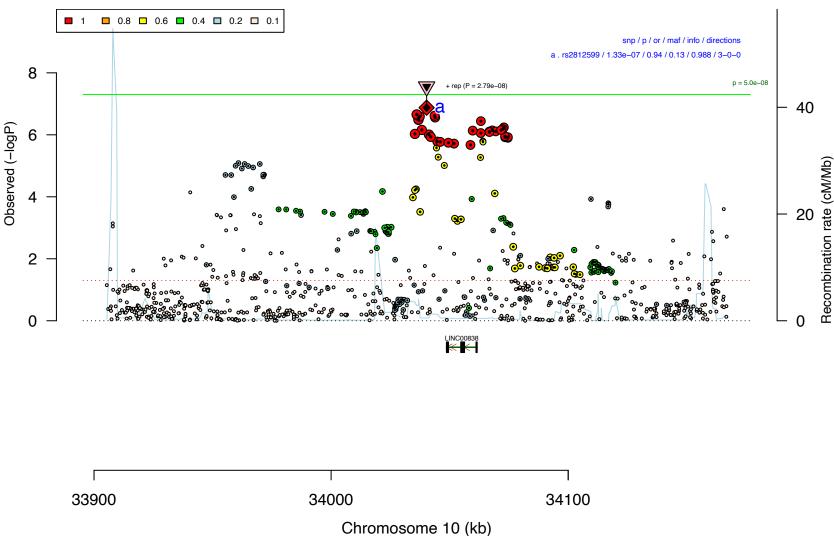


PGC\_SCZ\_w3\_90\_0418b.249.chr6





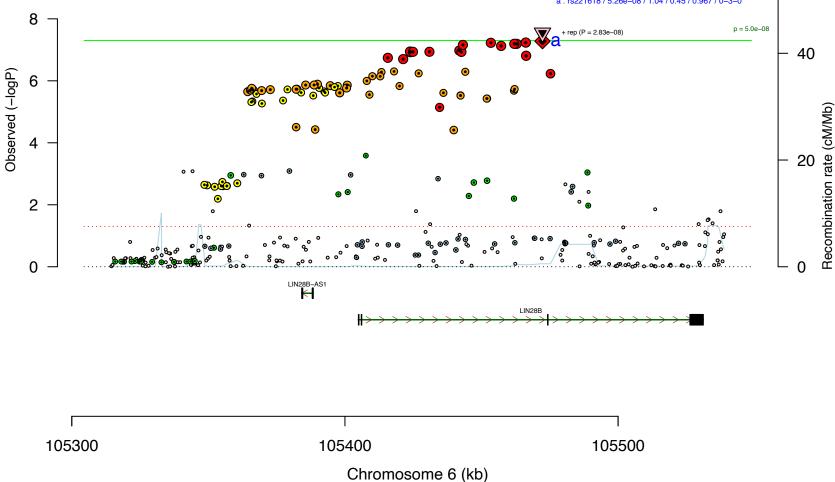
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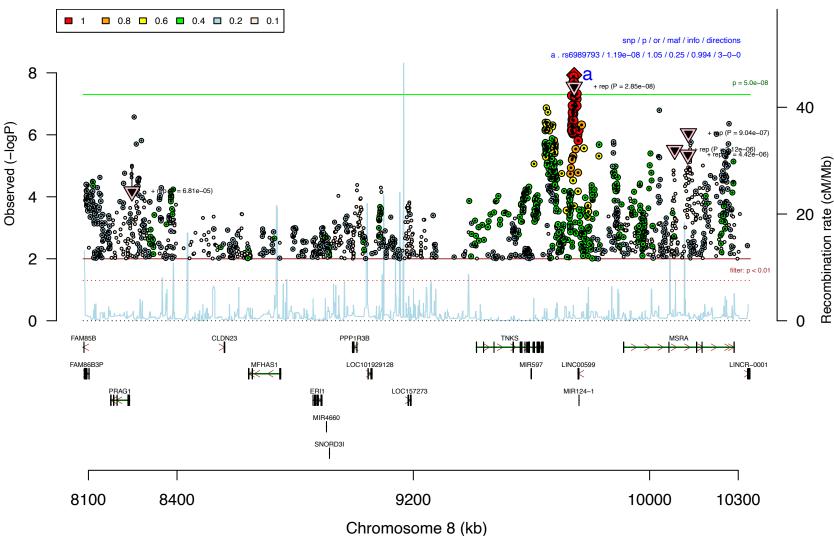
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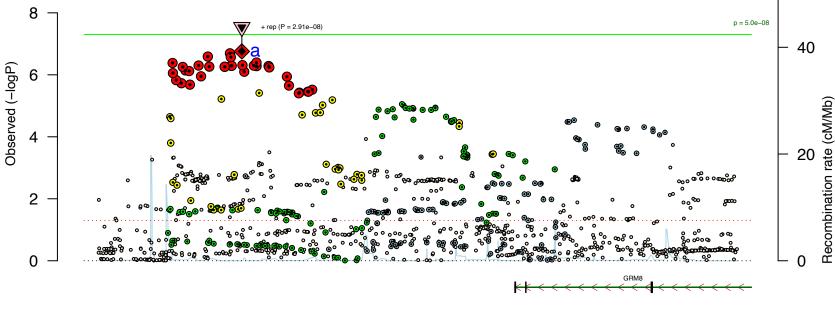
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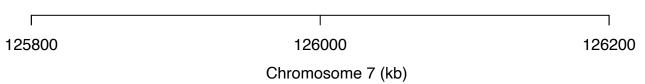


PGC\_SCZ\_w3\_90\_0418b.253.chr7



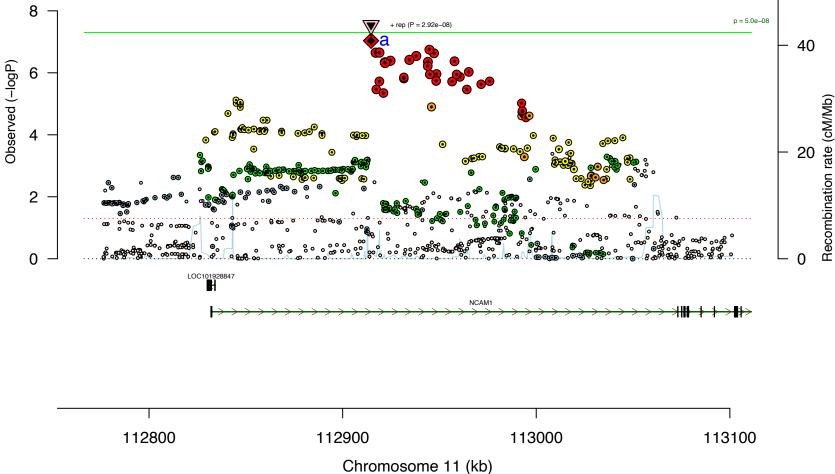
a . rs62479287 / 1.76e-07 / 1.05 / 0.23 / 0.992 / 2-1-0



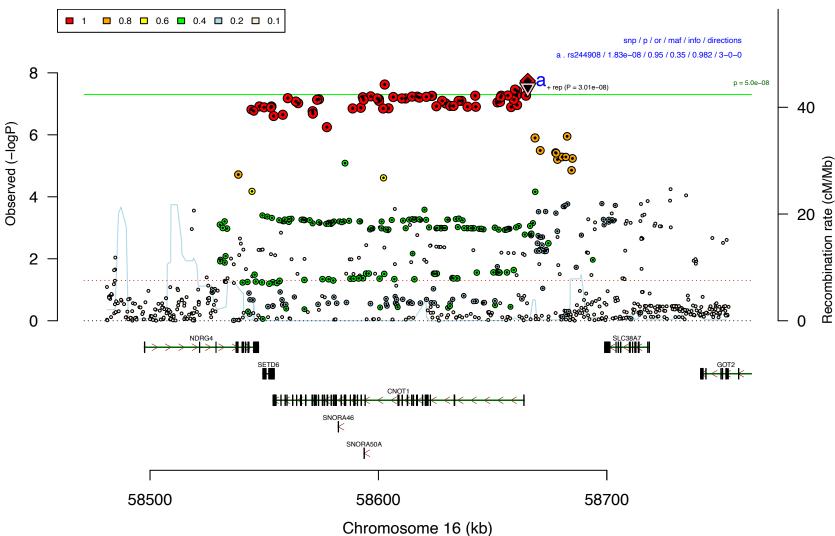


PGC\_SCZ\_w3\_90\_0418b.254.chr11



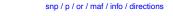


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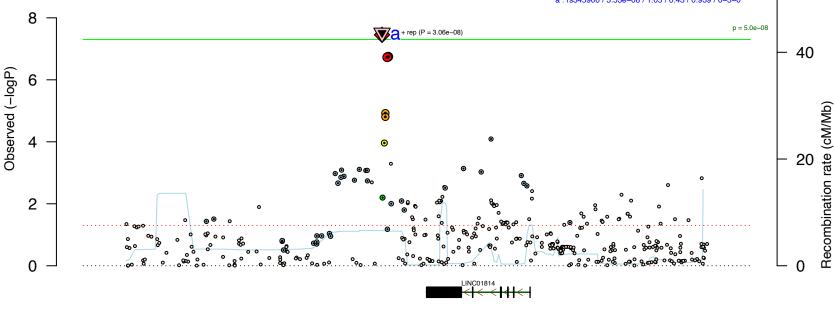


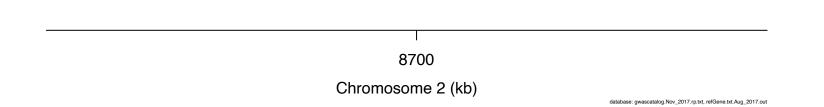
database: gwascatalog.Nov\_2017.rp.txt, refGene.txt.Aug\_2017.out

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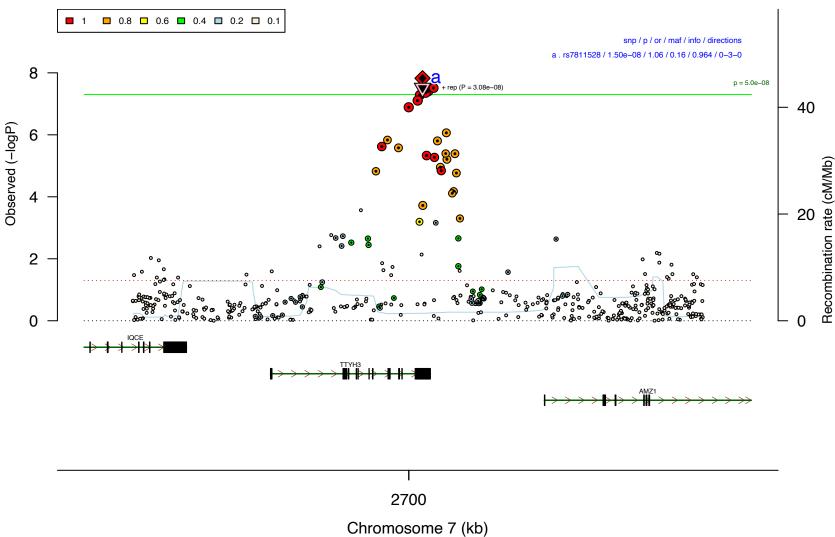


a . rs345906 / 3.53e–08 / 1.05 / 0.43 / 0.939 / 0–3–0





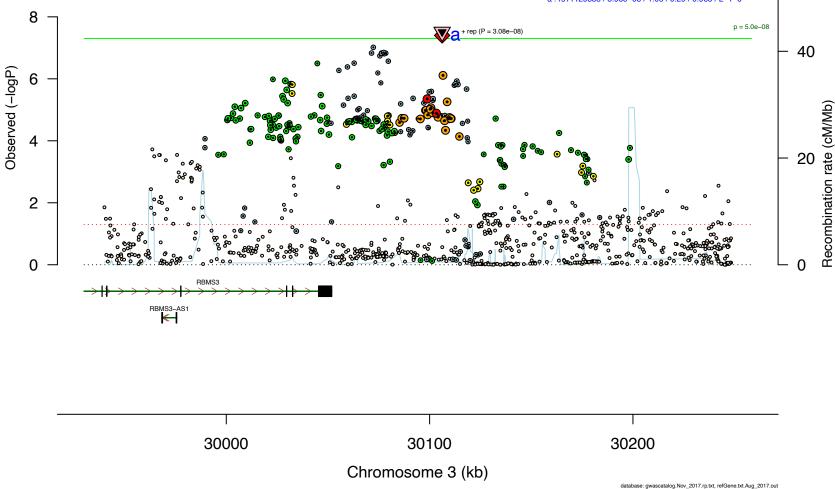
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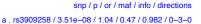
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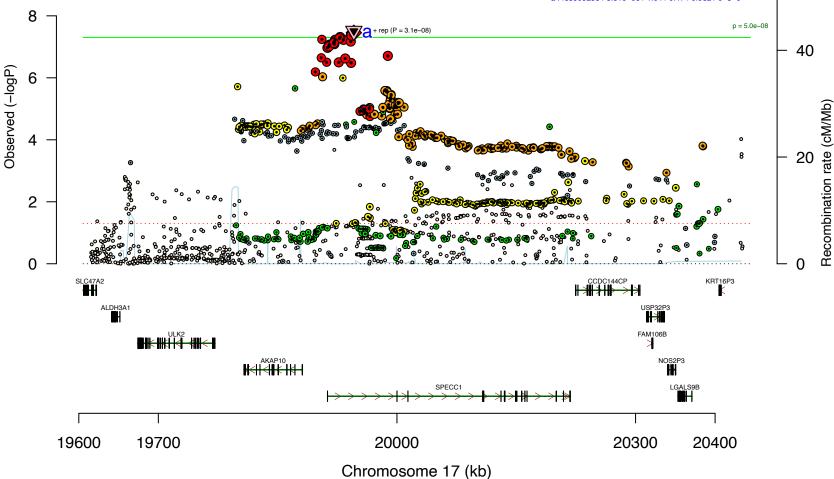


a . rs11129383 / 3.98e-08 / 1.05 / 0.29 / 0.965 / 2-1-0



PGC\_SCZ\_w3\_90\_0418b.259.chr17

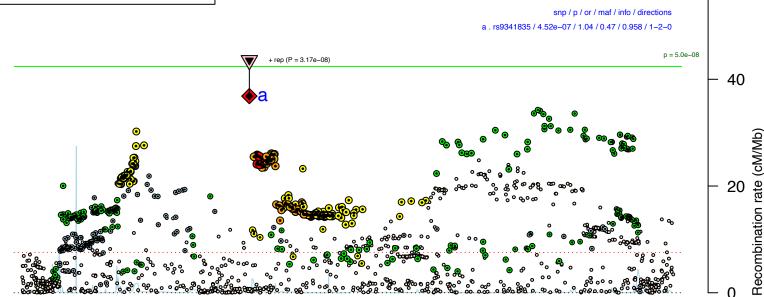


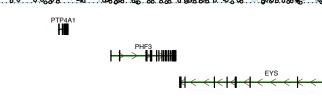


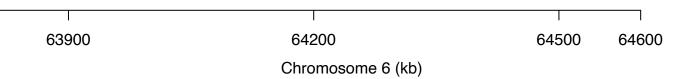
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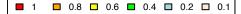
Observed (-logP)





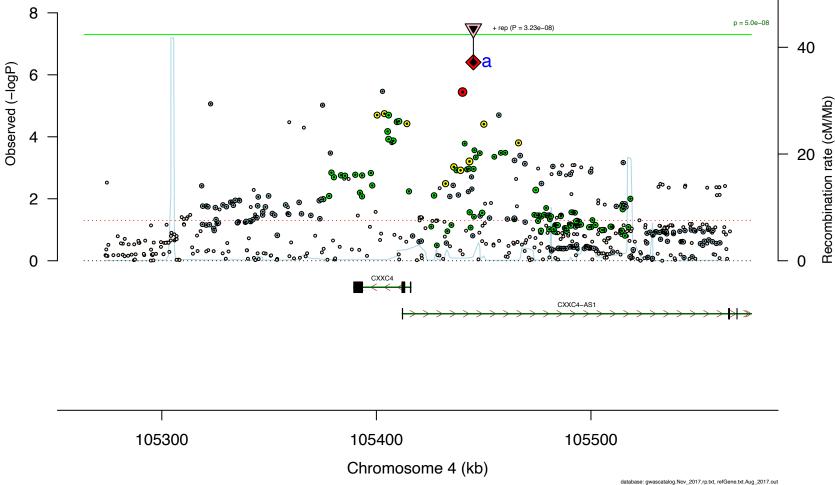


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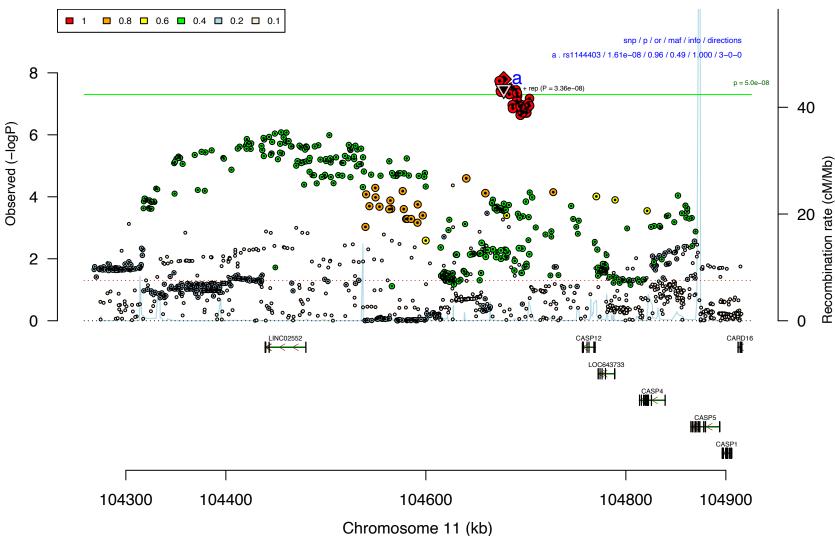




a . rs2905625 / 3.95e-07 / 1.04 / 0.47 / 0.969 / 1-2-0



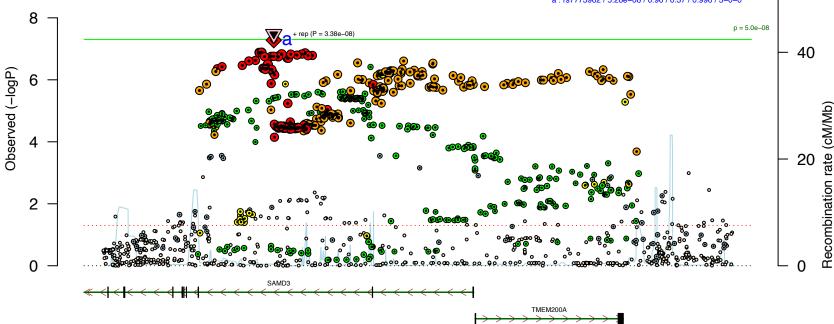
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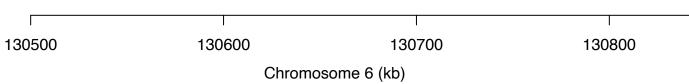


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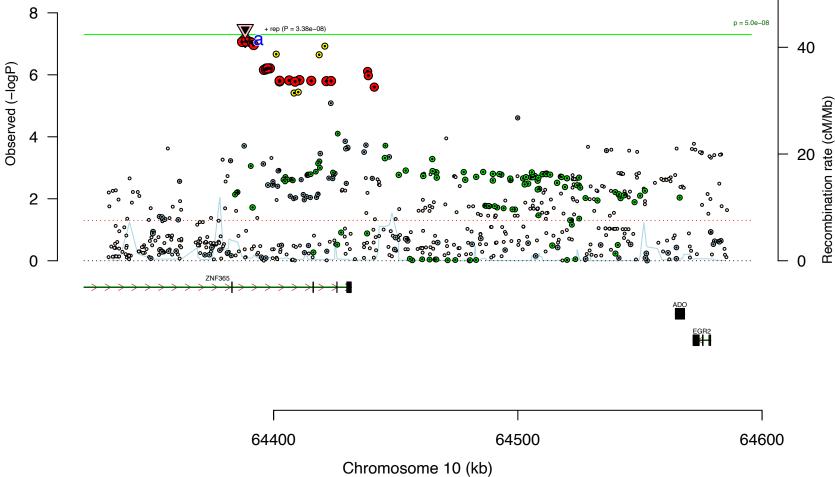


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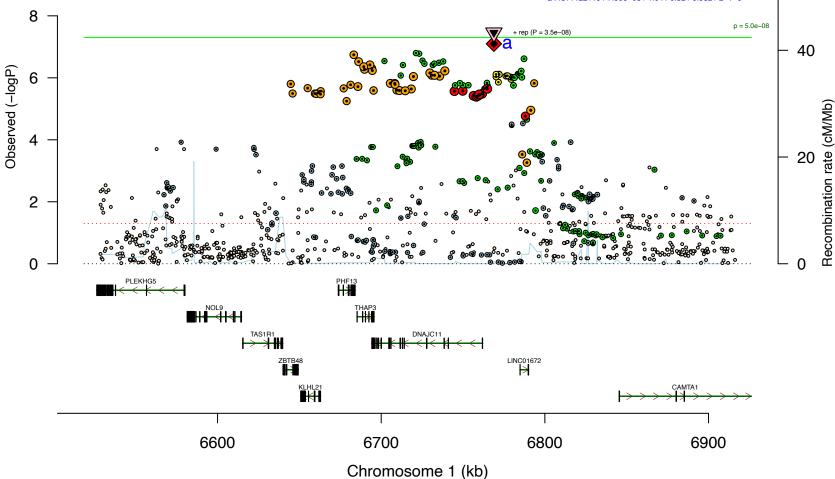
a . rs10995239 / 7.49e-08 / 0.96 / 0.35 / 0.991 / 3-0-0



PGC\_SCZ\_w3\_90\_0418b.265.chr1





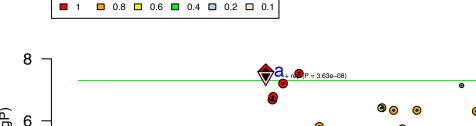


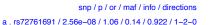
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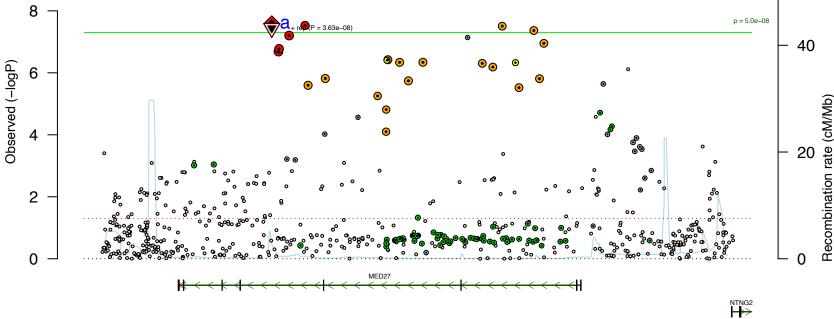
### **0.8 0.6 0.4 0.2 0.1 1** snp / p / or / maf / info / directions a.rs11064369/4.92e-08/1.04/0.35/0.949/0-3-0 8 p = 5.0e-08 A + rep (P = 3.54e-08) 40 Observed (-logP) 6 • Recombination rate (cM/Mb) 4 20 ê 6 Θ ۰ ، • 2 ۰ 00 <sub>م</sub> ه ‱ œ ° 0 n CD4 ╫┇╞╫═ MLF2 LAG3 6800 6900

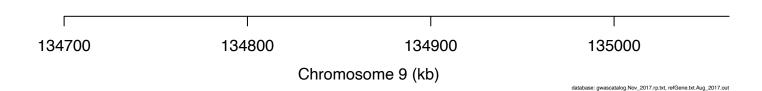
Chromosome 12 (kb)

PGC\_SCZ\_w3\_90\_0418b.267.chr9

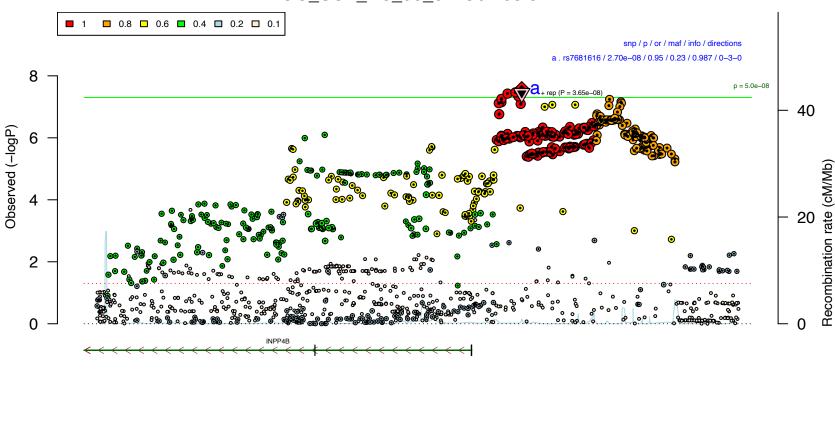


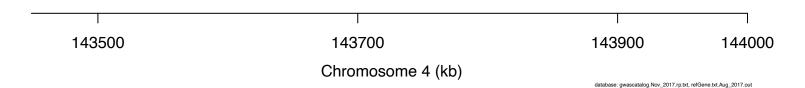






PGC\_SCZ\_w3\_90\_0418b.268.chr4





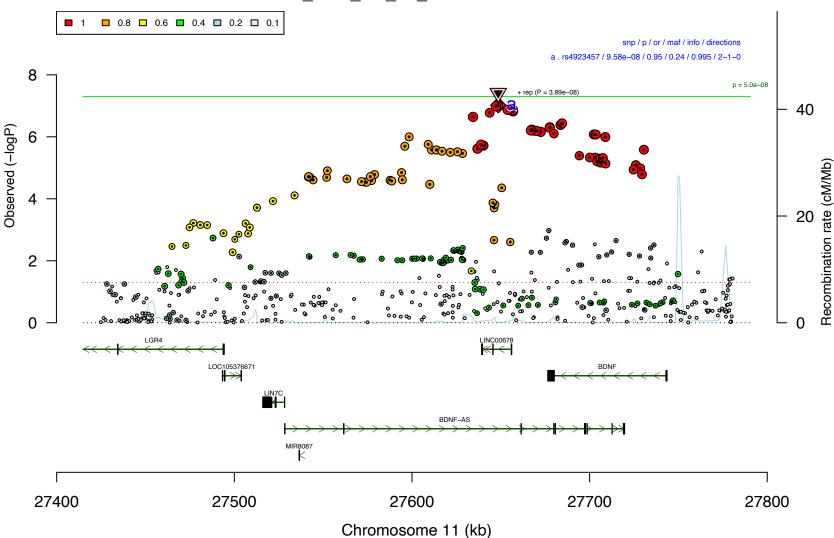
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#### **0.8 0.6 0.4 0.2 0.1 1** snp / p / or / maf / info / directions a.rs12671608/4.44e-08/1.06/0.13/0.932/0-3-0 8 p = 5.0e-08 2 + rep (P = 3.66e-08) 40 Observed (-logP) 6 Recombination rate (cM/Mb) 4 20 0 8 o 2 ۰ c 000 • °~~8 000 00 00 കക 0 n

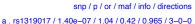


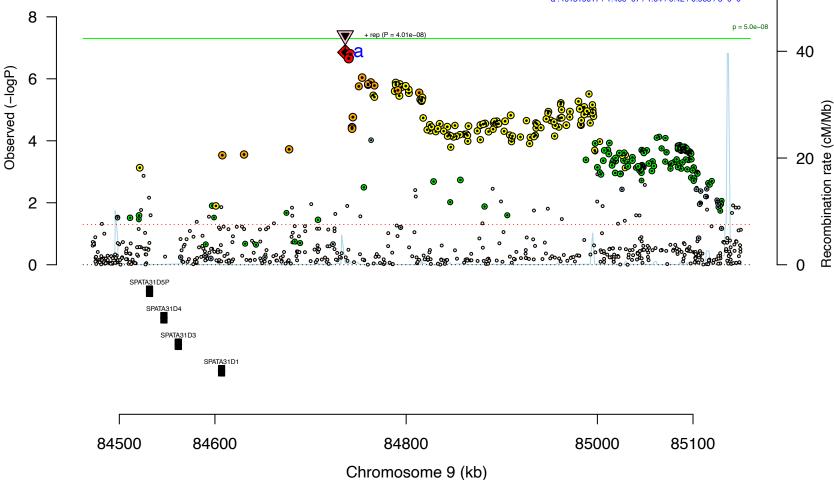
Chromosome 7 (kb)

PGC\_SCZ\_w3\_90\_0418b.270.chr11



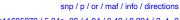
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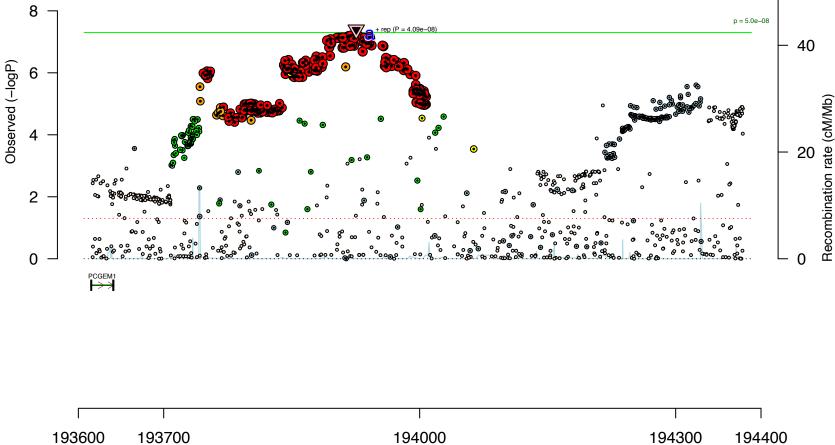


PGC\_SCZ\_w3\_90\_0418b.272.chr2







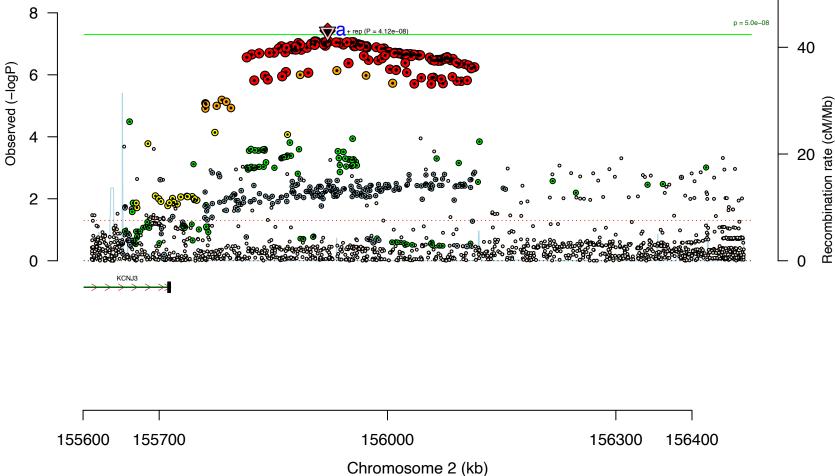


PGC\_SCZ\_w3\_90\_0418b.273.chr2





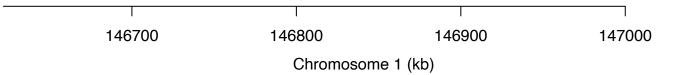
a . rs35026989 / 3.80e-08 / 1.06 / 0.19 / 0.992 / 0-1-2



PGC\_SCZ\_w3\_90\_0418b.274.chr1

# **0.8 0.6 0.4 0.2 0.1 1** snp / p / or / maf / info / directions a.rs61838368/2.70e-07/1.05/0.16/0.994/3-0-0 8 p = 5.0e-08 rep (P = 4.29e-08) 6 4 2 mmm mm n e o o 0 NBPF19 CHD1L LINC00624 <del>╞╗╞╢╞╢╞╎╗</del>╞ PDIA3P1 BCL9

Observed (-logP)



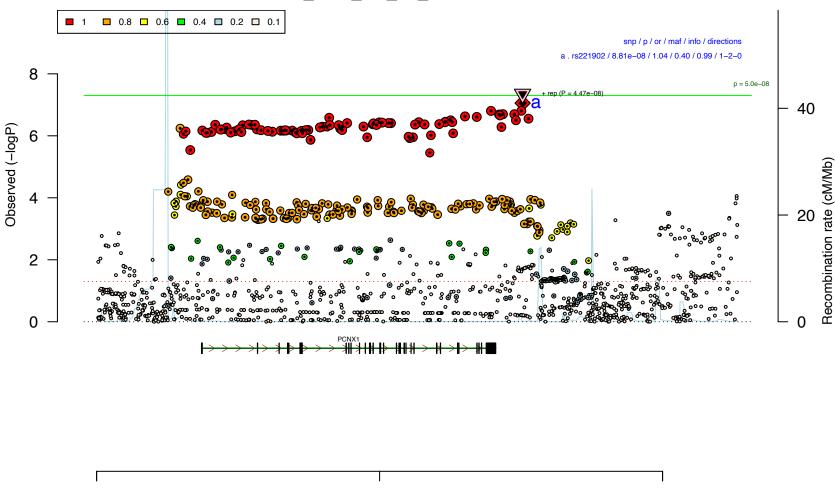
40

20

n

Recombination rate (cM/Mb)

PGC\_SCZ\_w3\_90\_0418b.275.chr14



71300

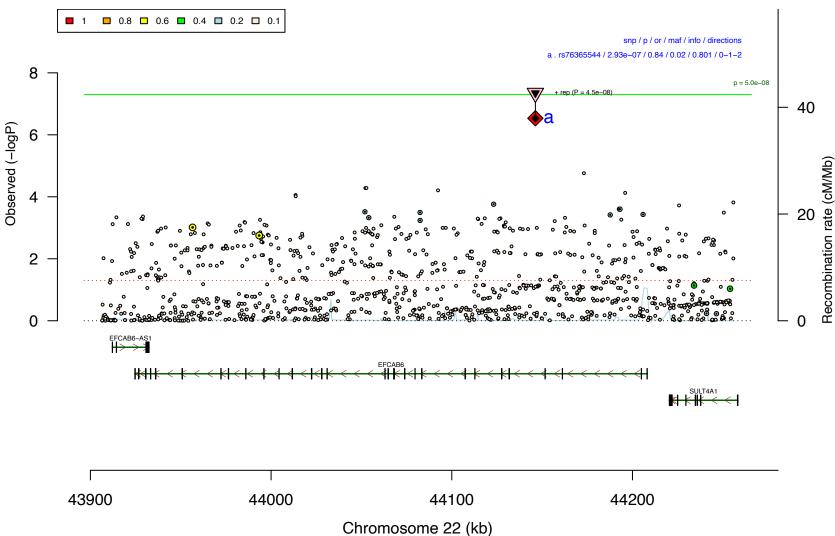
71500

Chromosome 14 (kb)

database: gwascatalog.Nov\_2017.rp.txt, refGene.txt.Aug\_2017.out

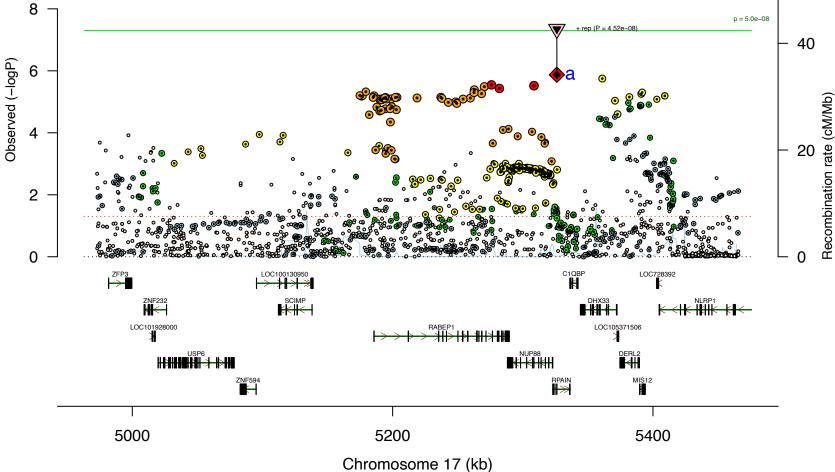
71700

PGC\_SCZ\_w3\_90\_0418b.276.chr22



## PGC\_SCZ\_w3\_90\_0418b.277.chr17

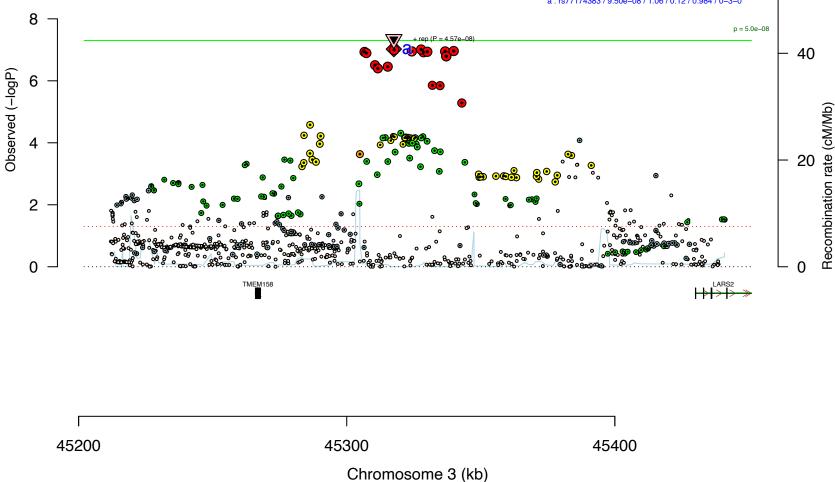




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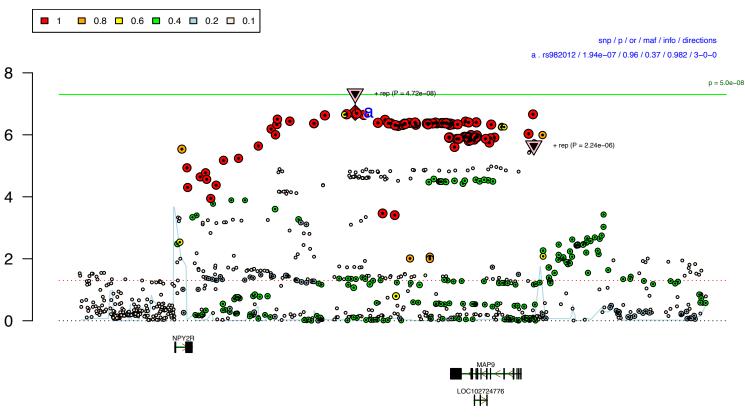
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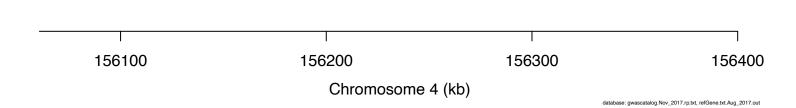
20

n

Recombination rate (cM/Mb)



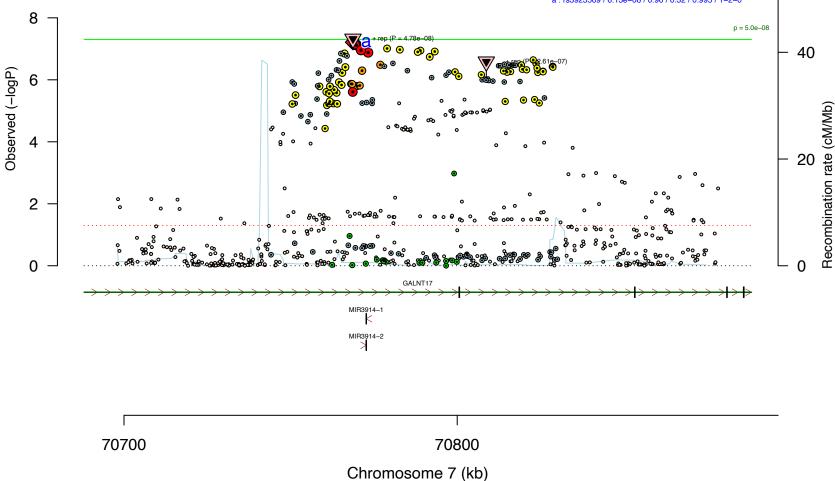
Observed (-logP)



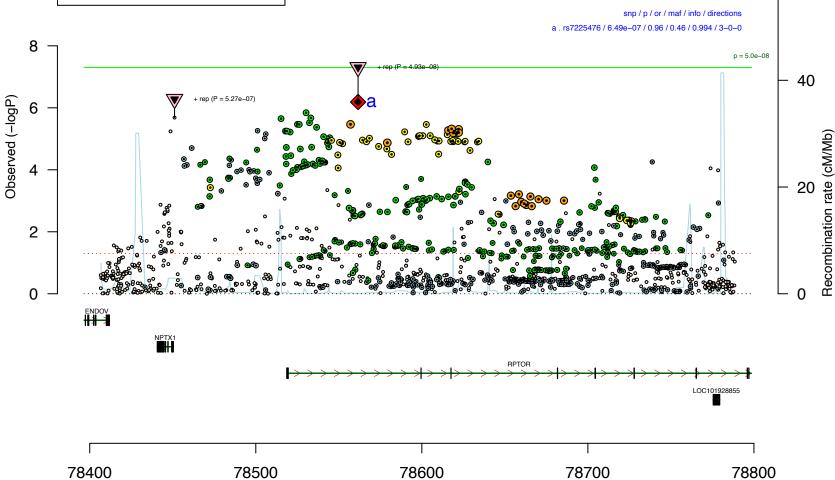
PGC\_SCZ\_w3\_90\_0418b.280.chr7





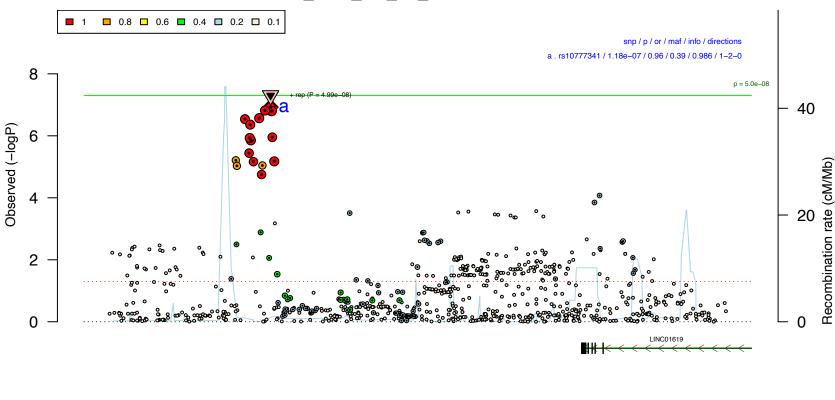


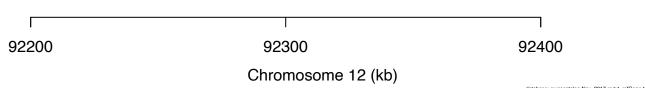
PGC\_SCZ\_w3\_90\_0418b.281.chr17



Chromosome 17 (kb)

PGC\_SCZ\_w3\_90\_0418b.282.chr12





PGC\_SCZ\_w3\_90\_0418b.283.chr5

