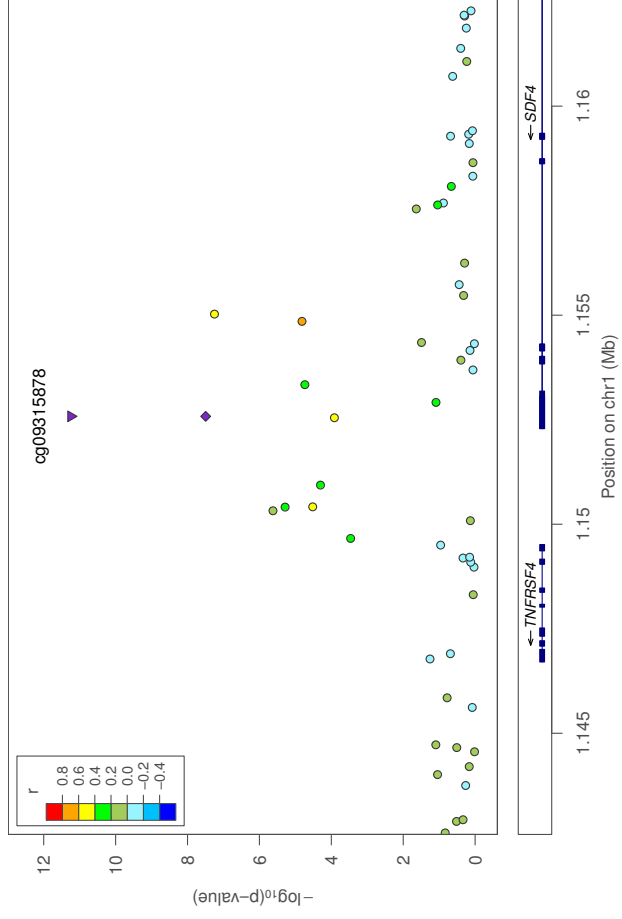
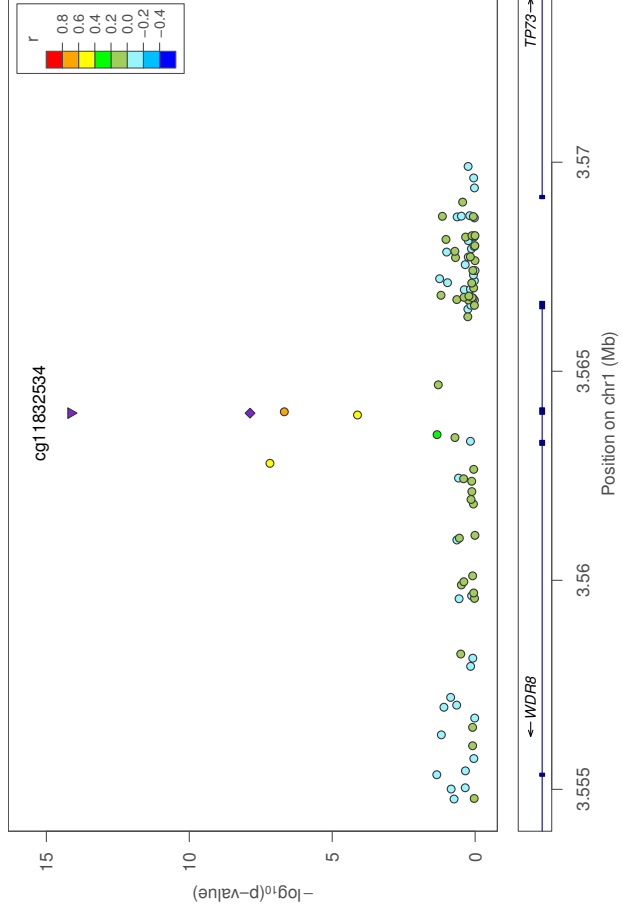


## Supplementary Information Figure 2

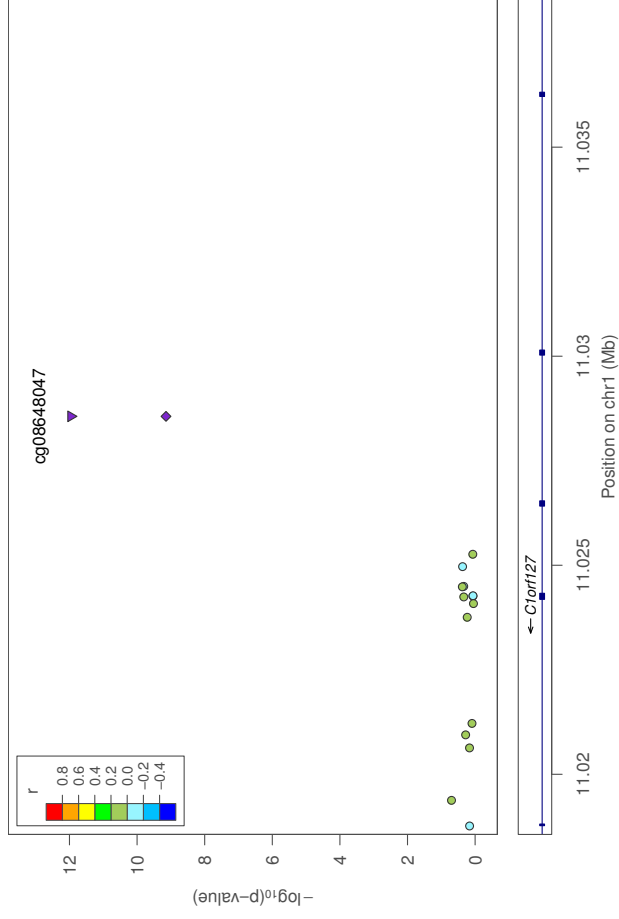
### SDF4



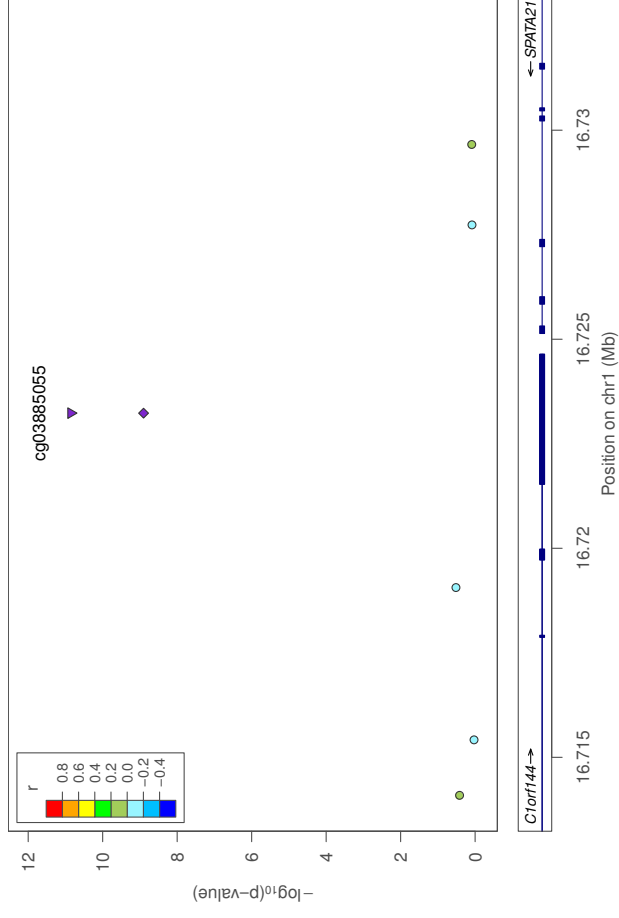
### WRAP73



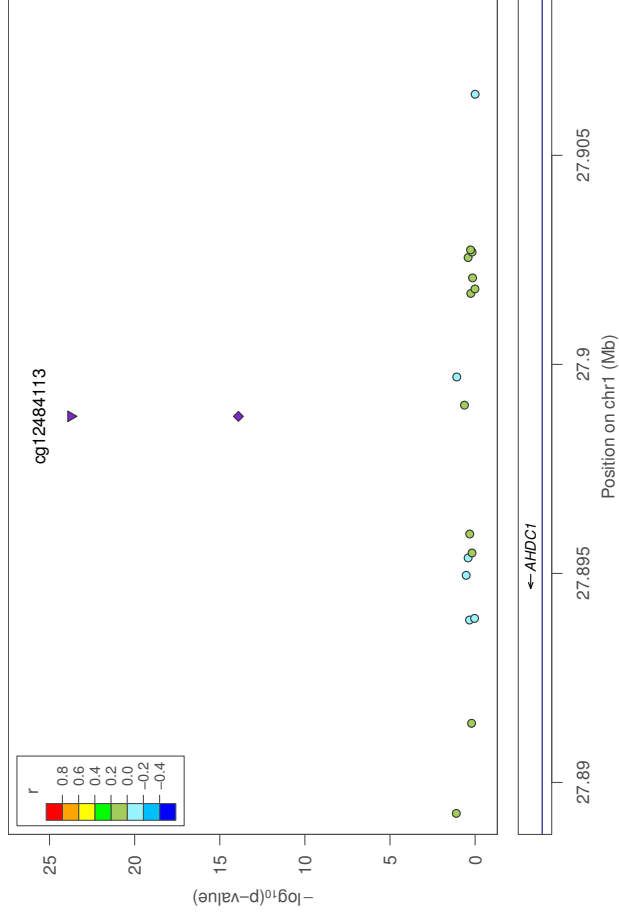
### C1orf127



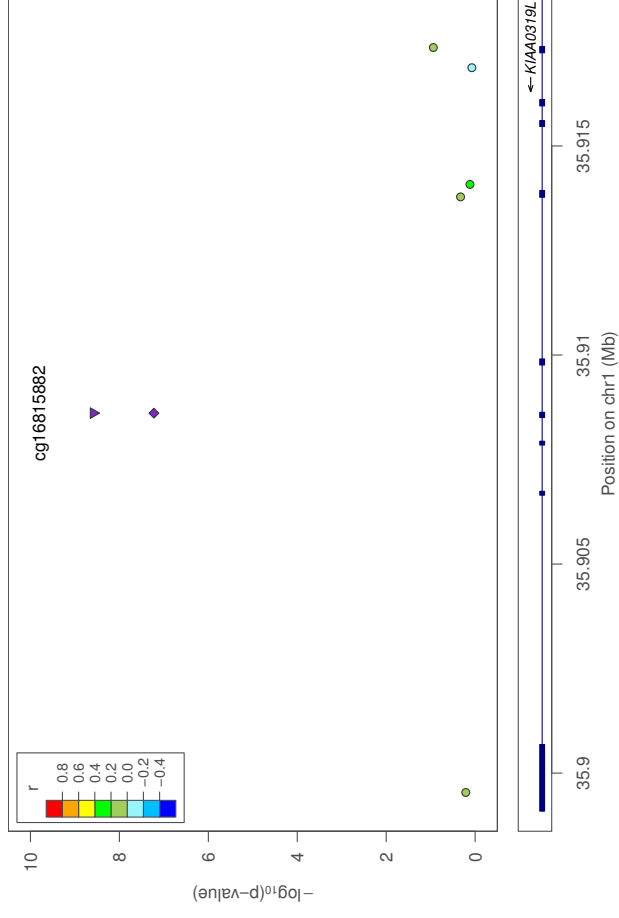
### SPATA21



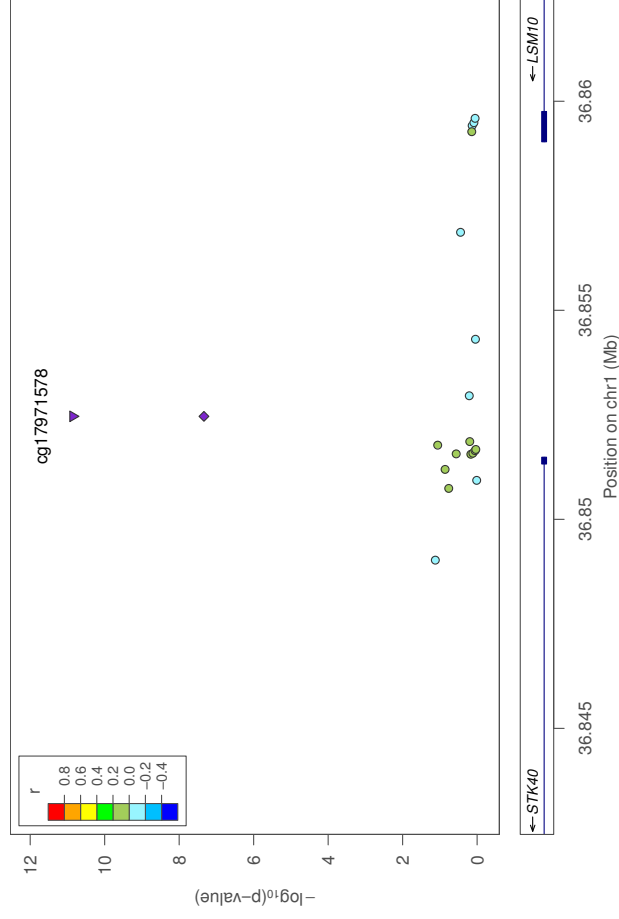
# AHDC1



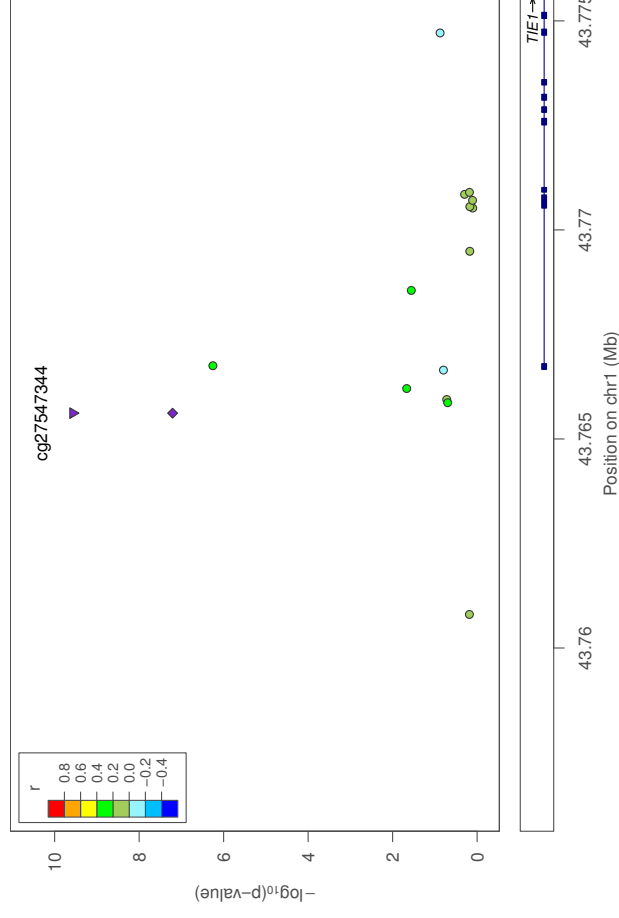
# KIAA0319L



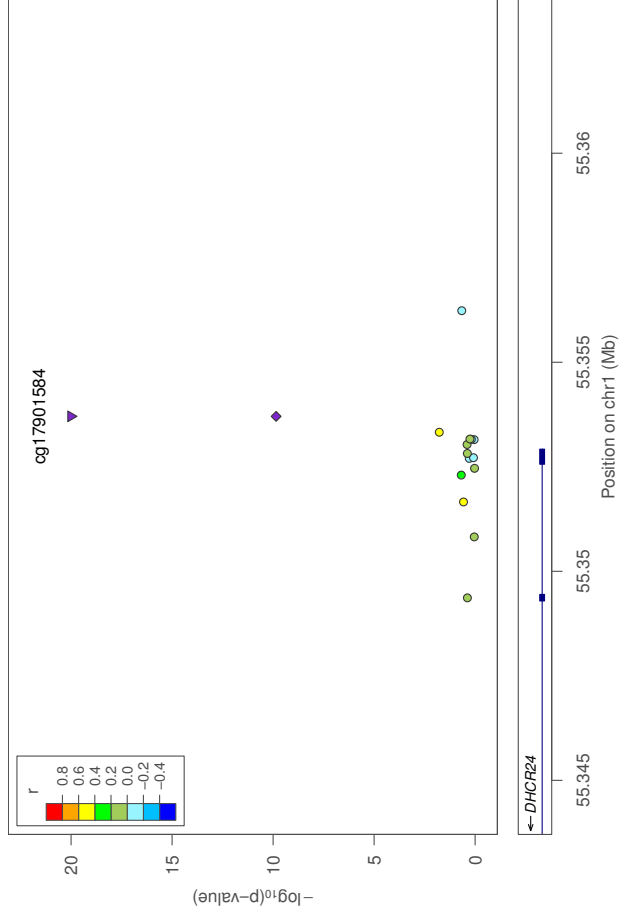
# STK40



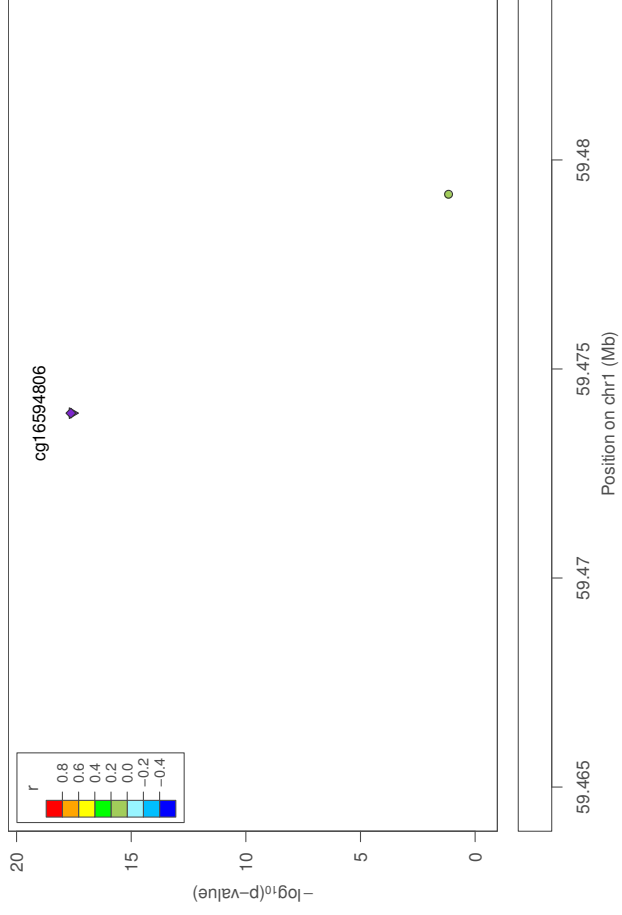
# TIE1



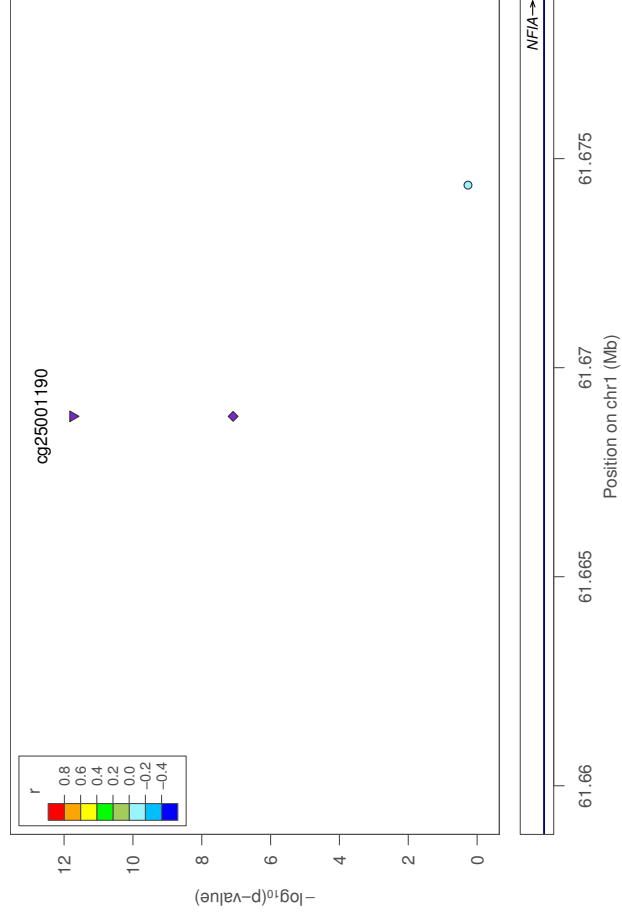
### DHCR24



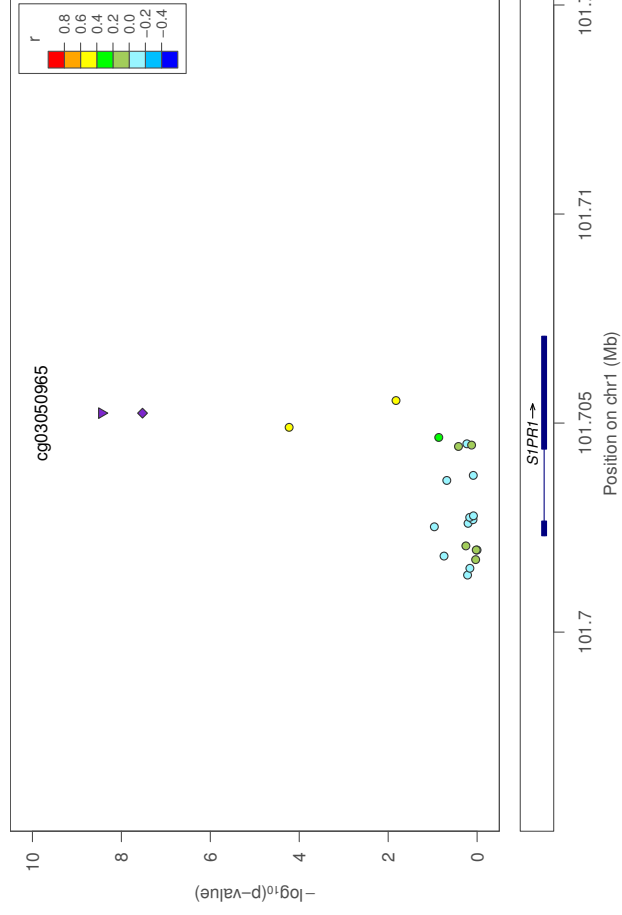
### PHBP3



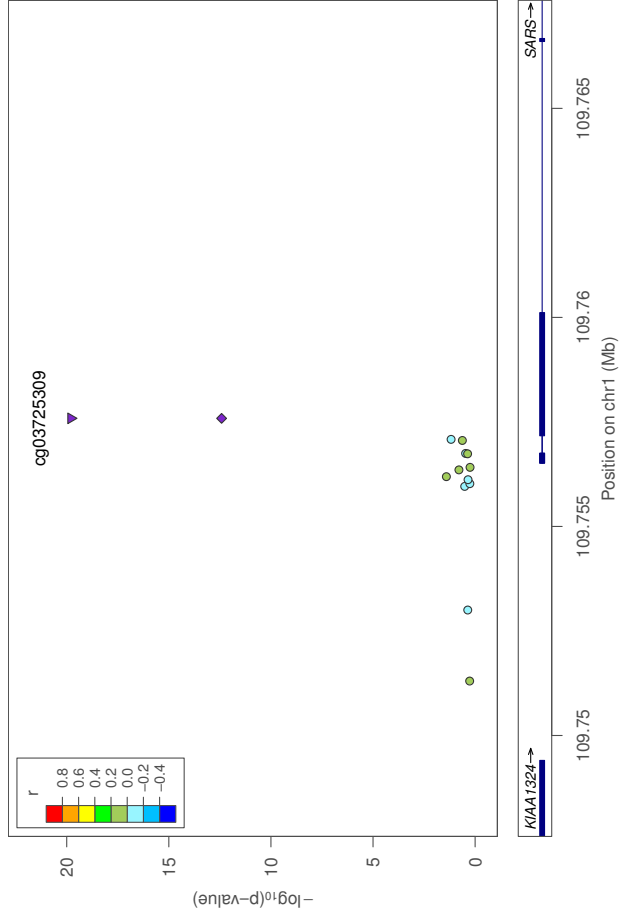
### NFIA



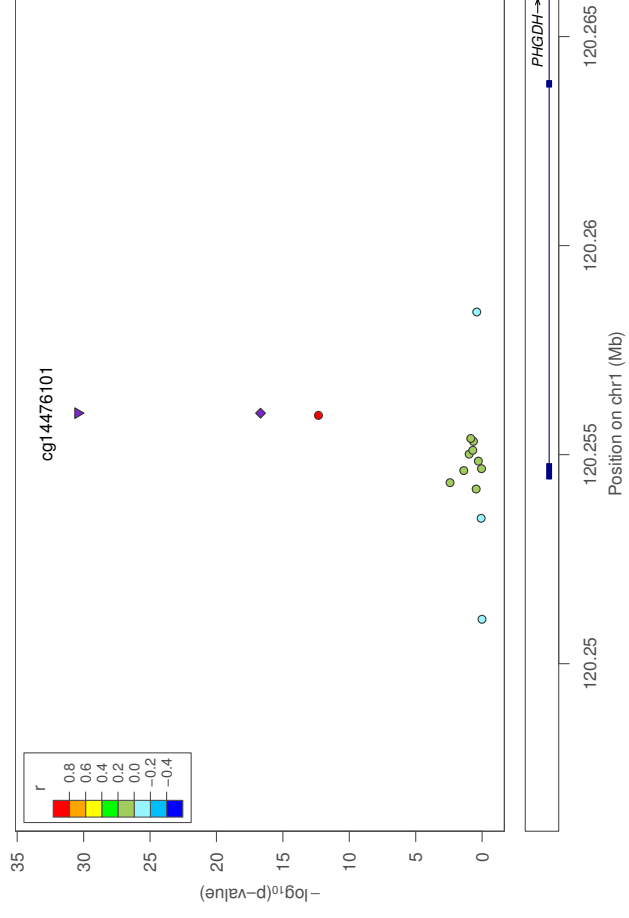
### S1PR1



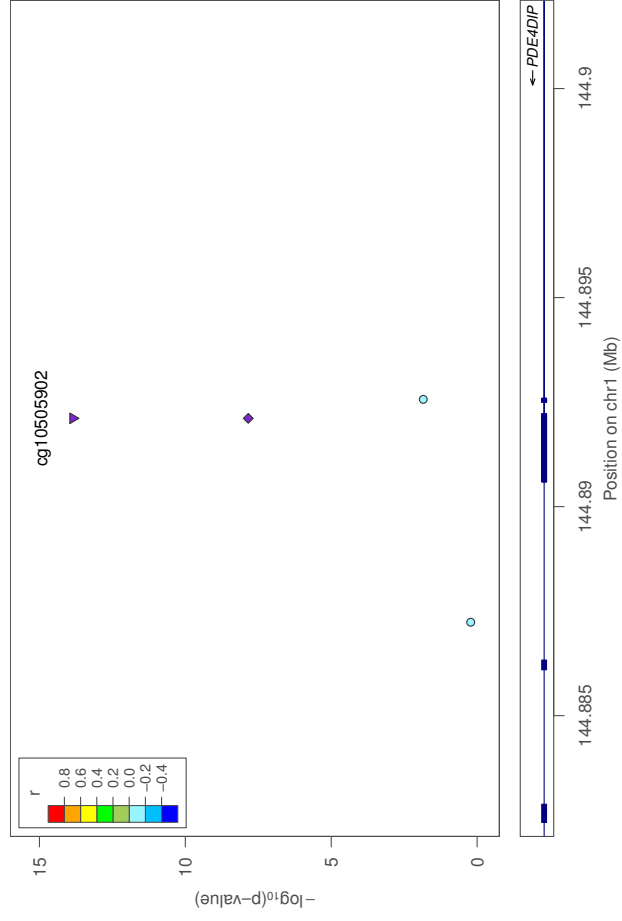
# SARS



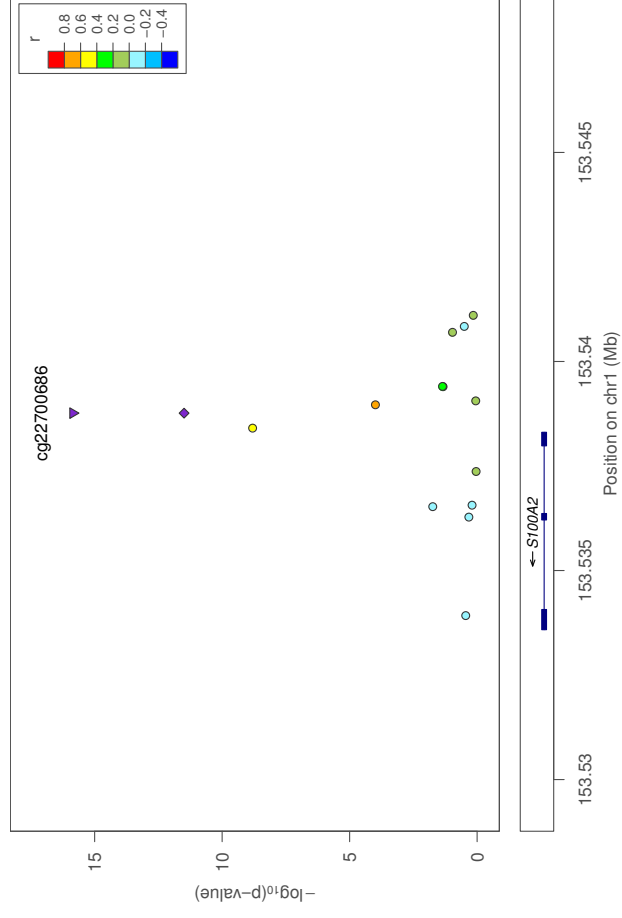
# PHGDH



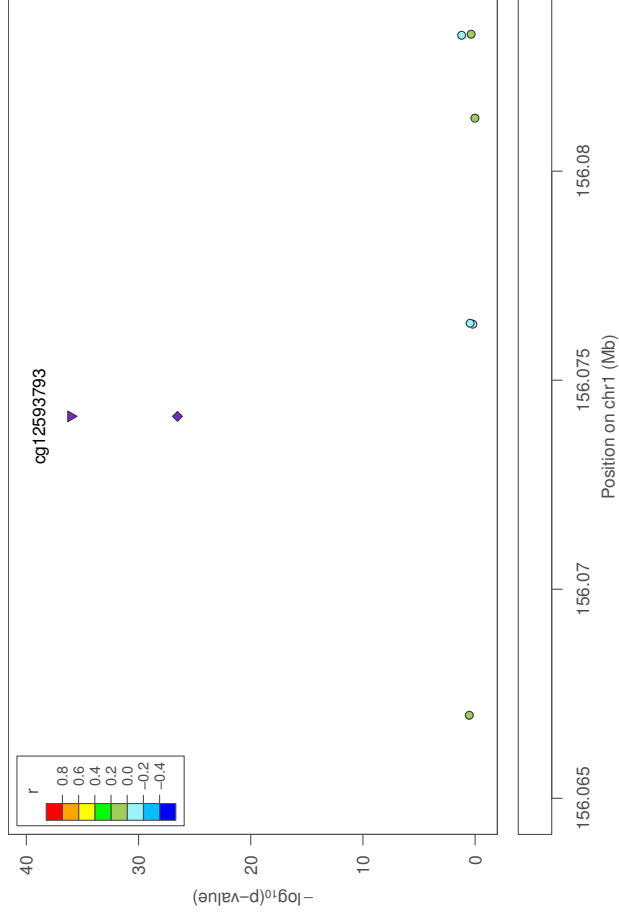
# PDE4DIP



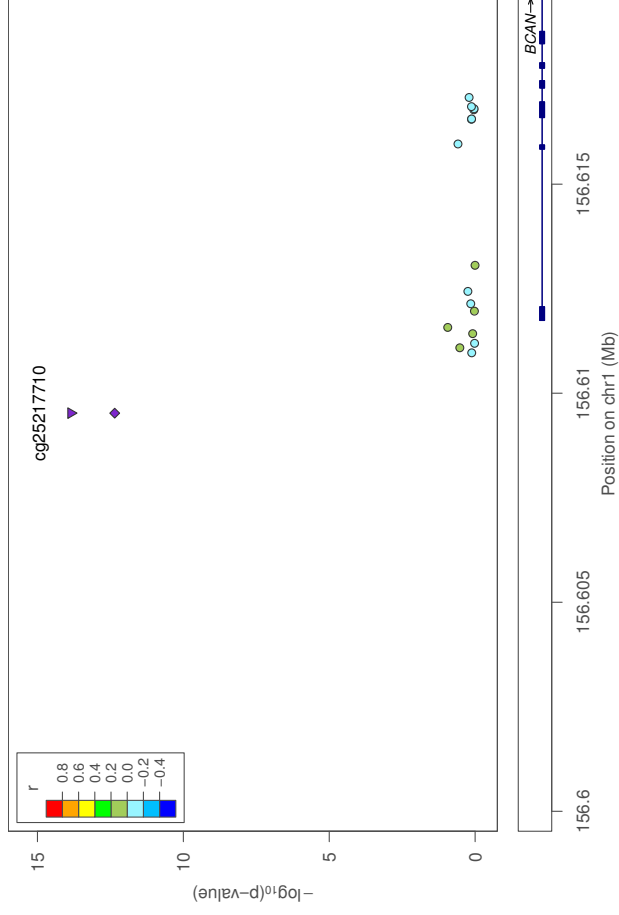
# S100A2



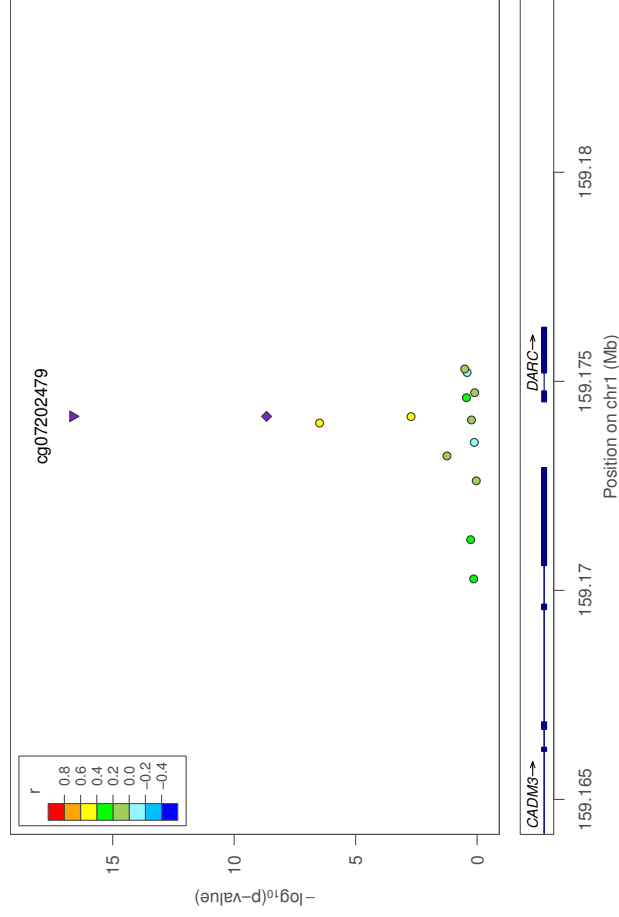
### LMNA



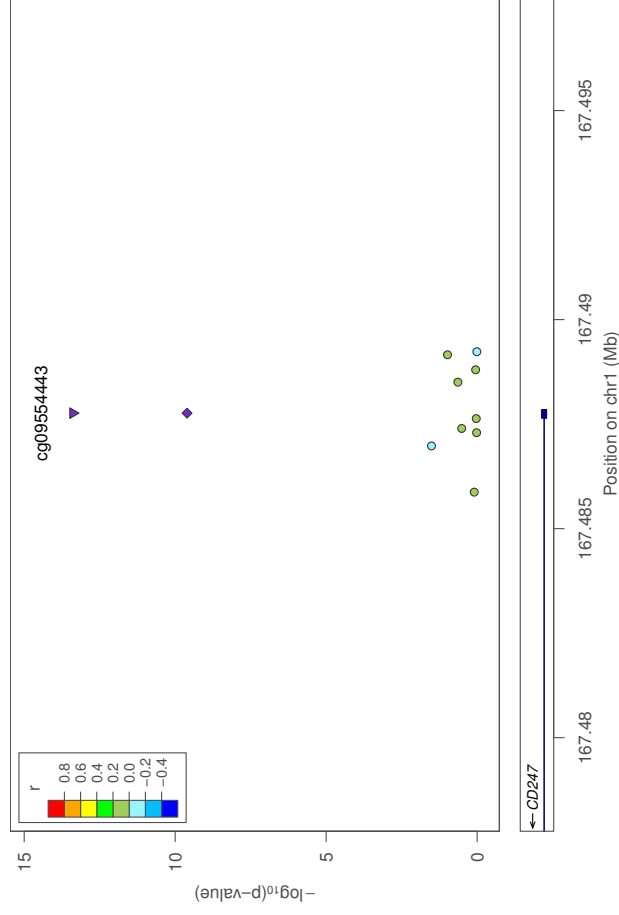
### BCAN



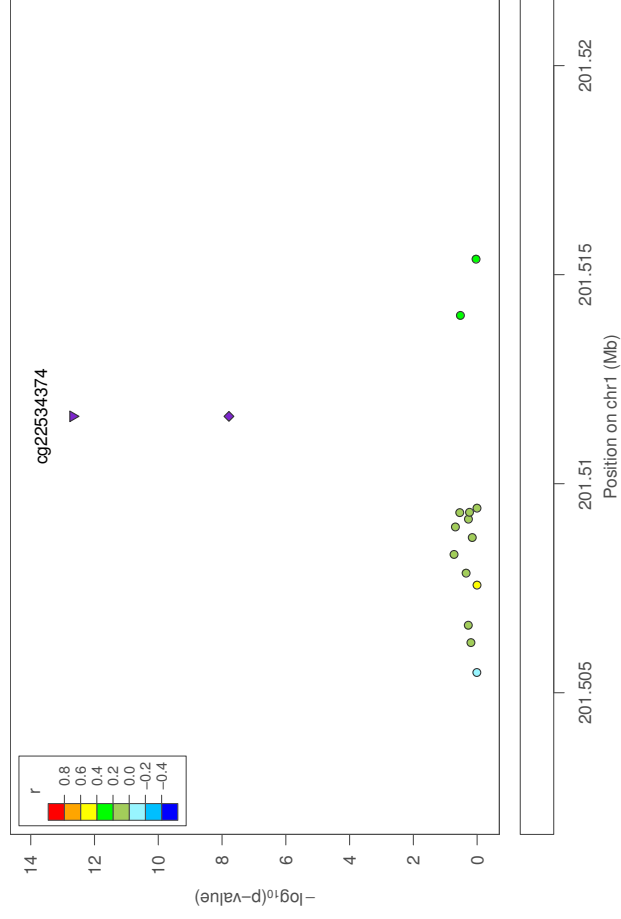
### DARC



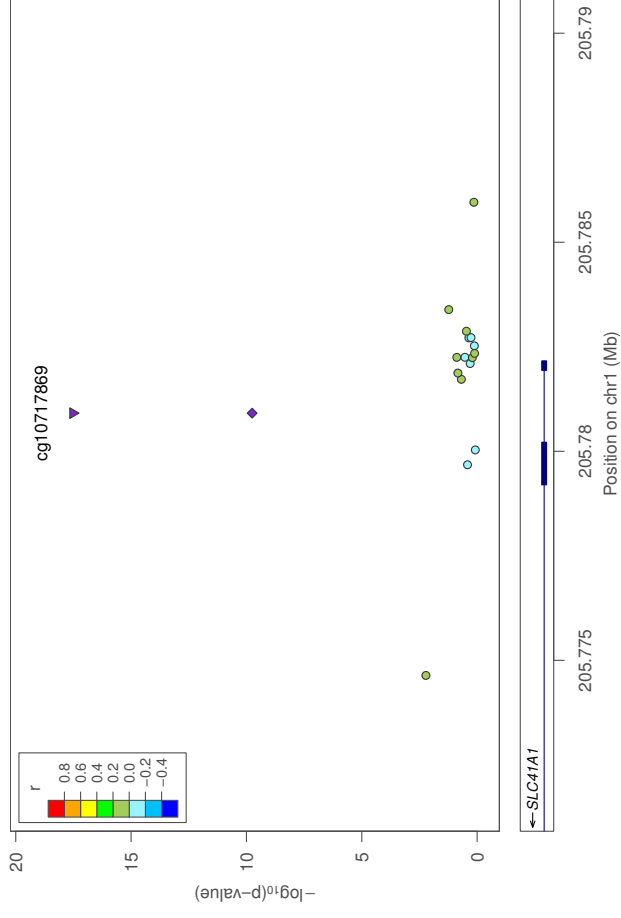
### CD247



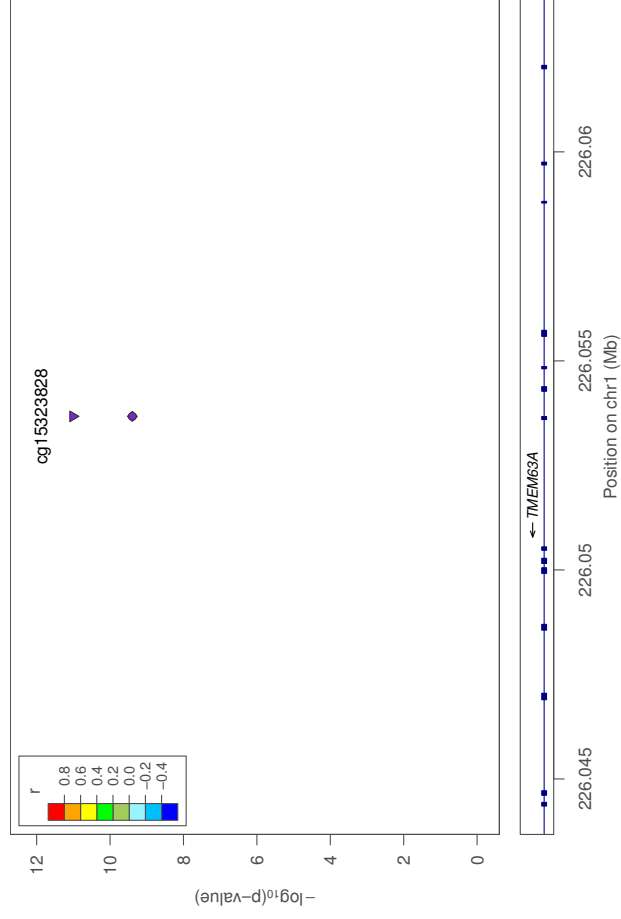
# RPS10P7



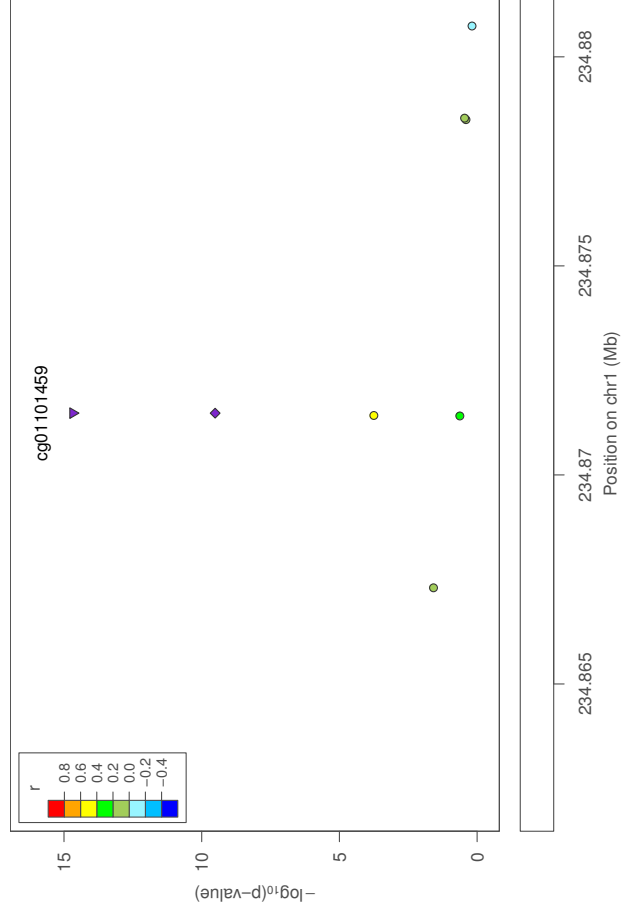
# SLC41A1



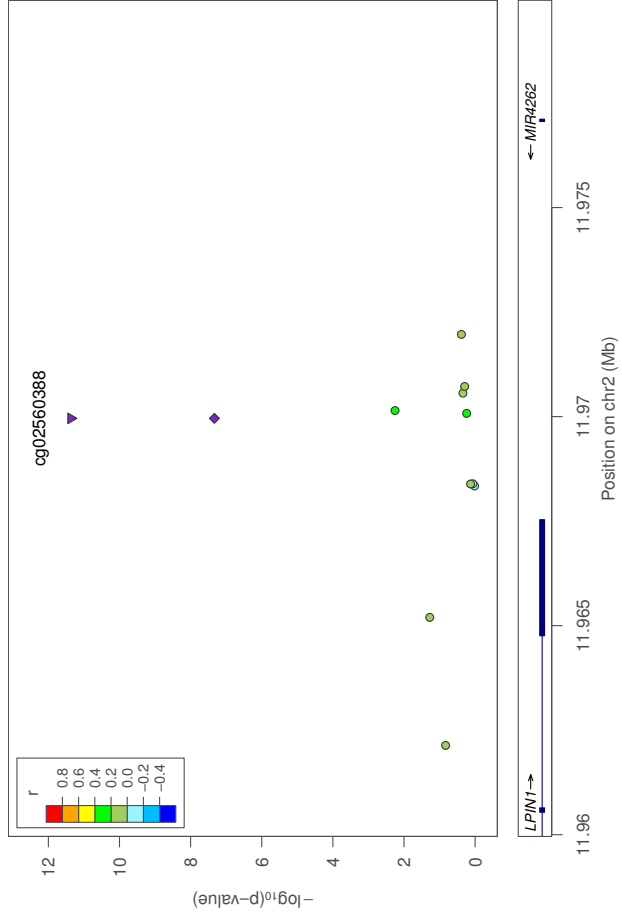
# TMEM63A



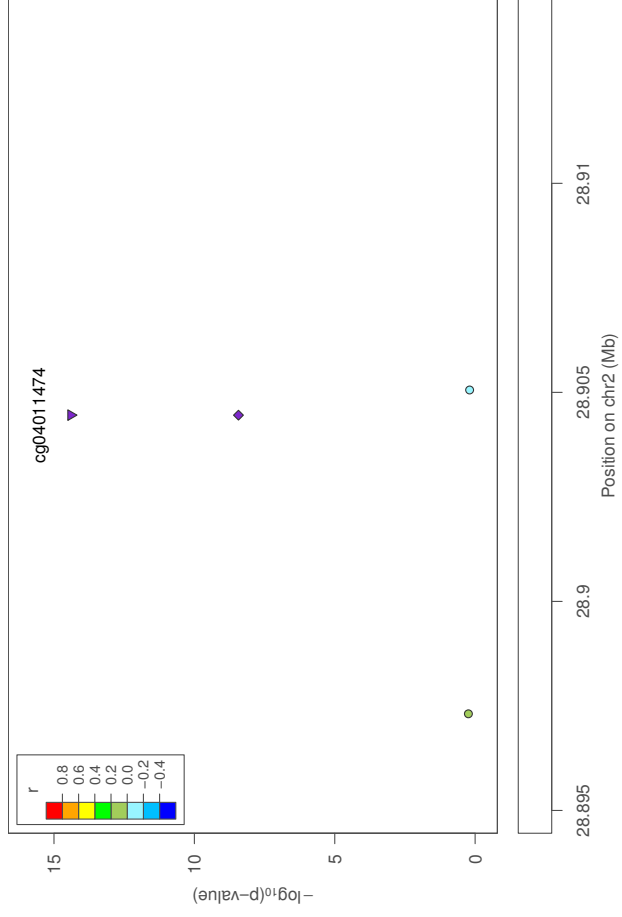
# LINC00184



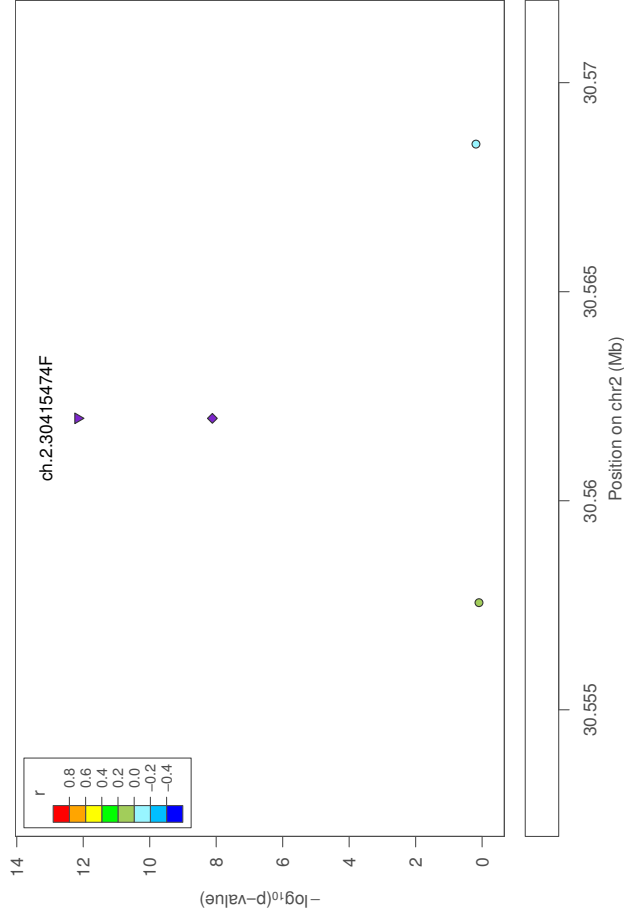
# LPIN1



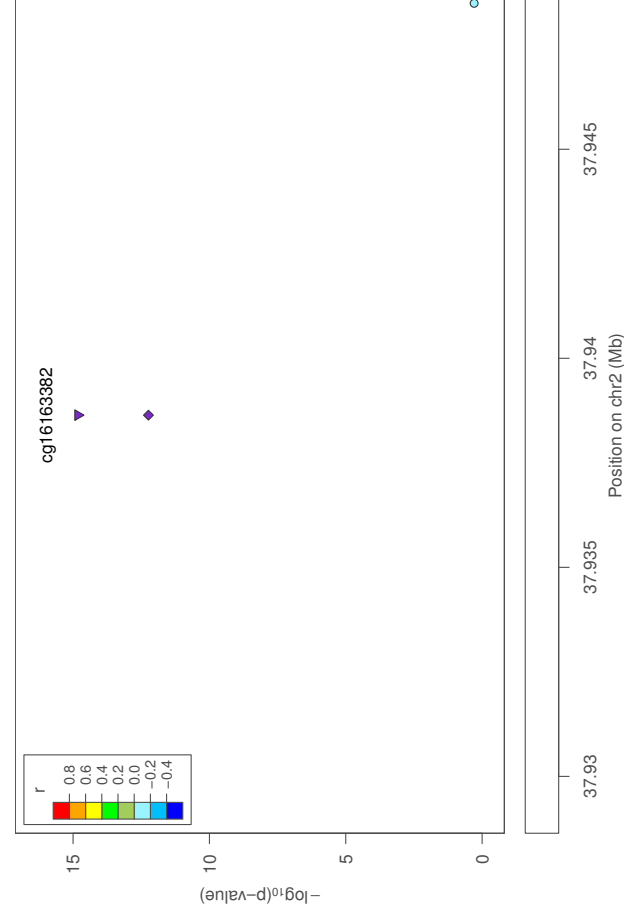
# RNA5SP89



# LBH

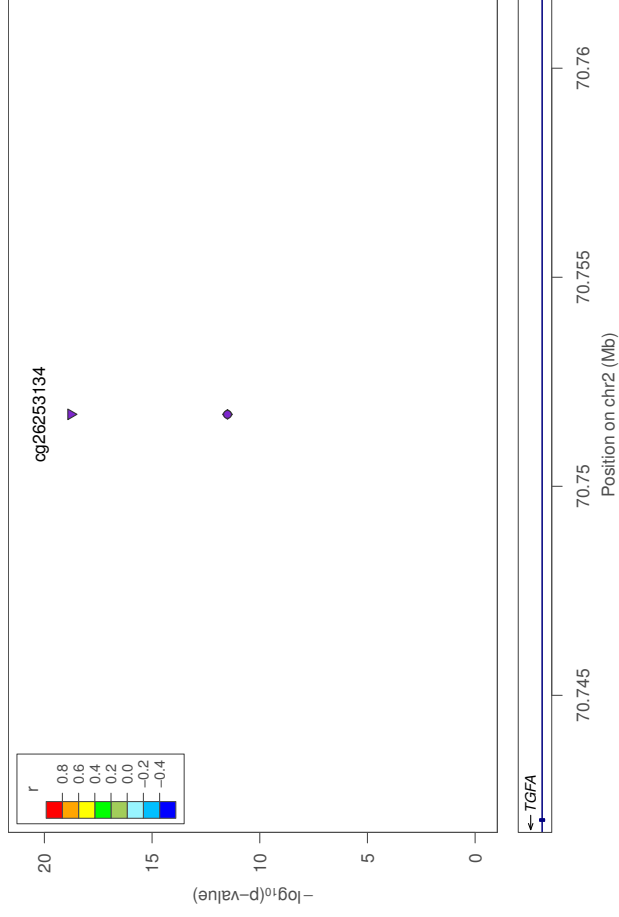


# CDC42EP3

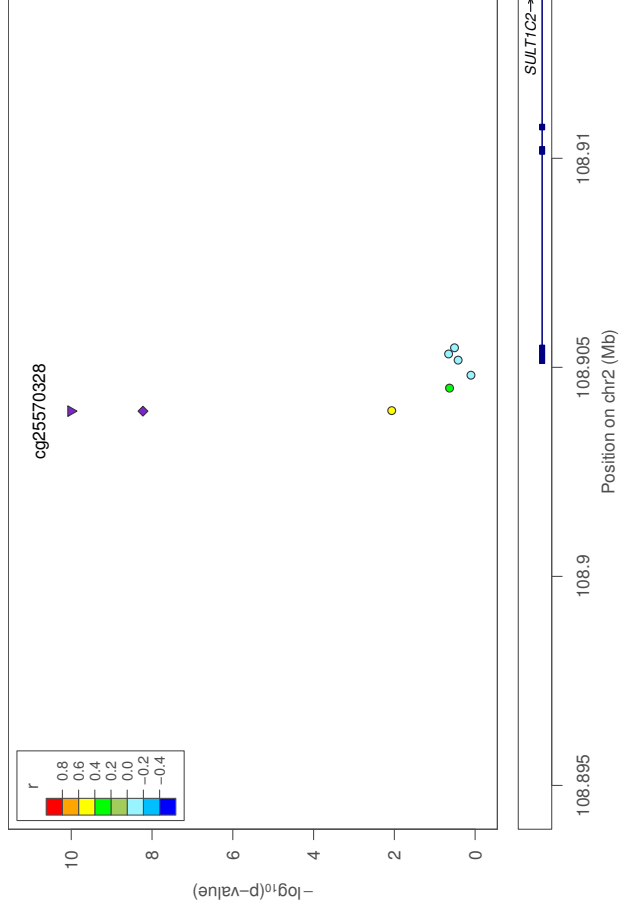




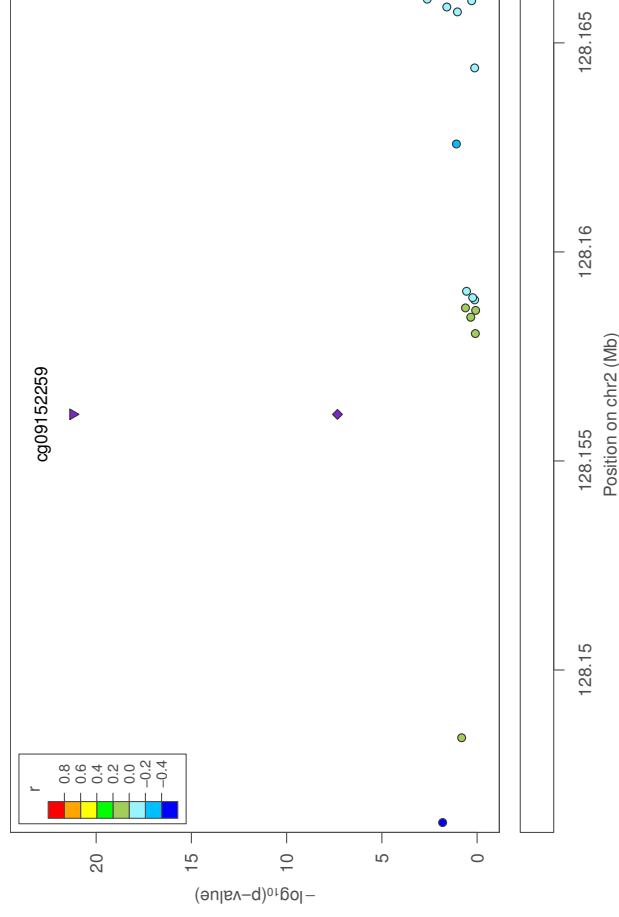
# TGFA



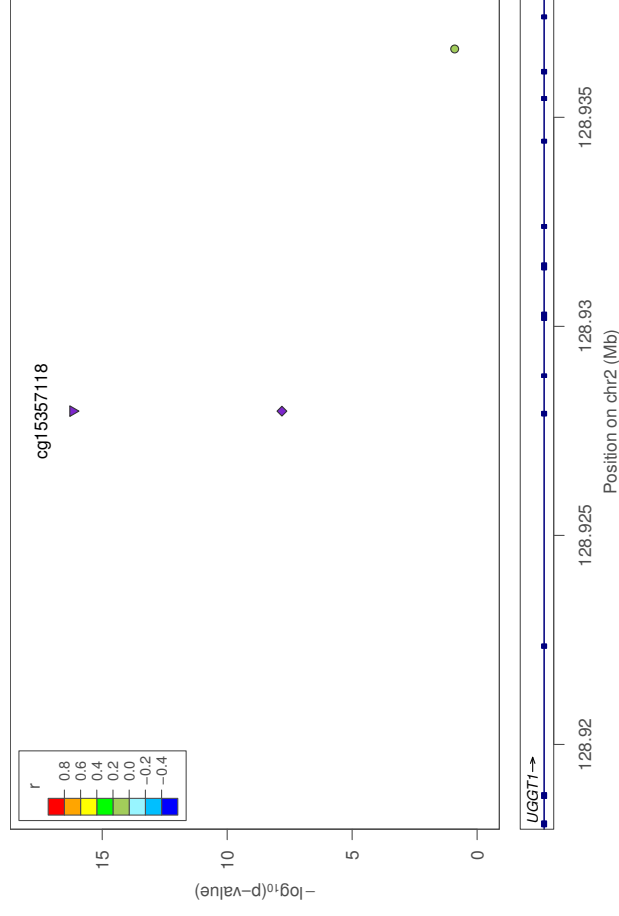
# SULT1C2



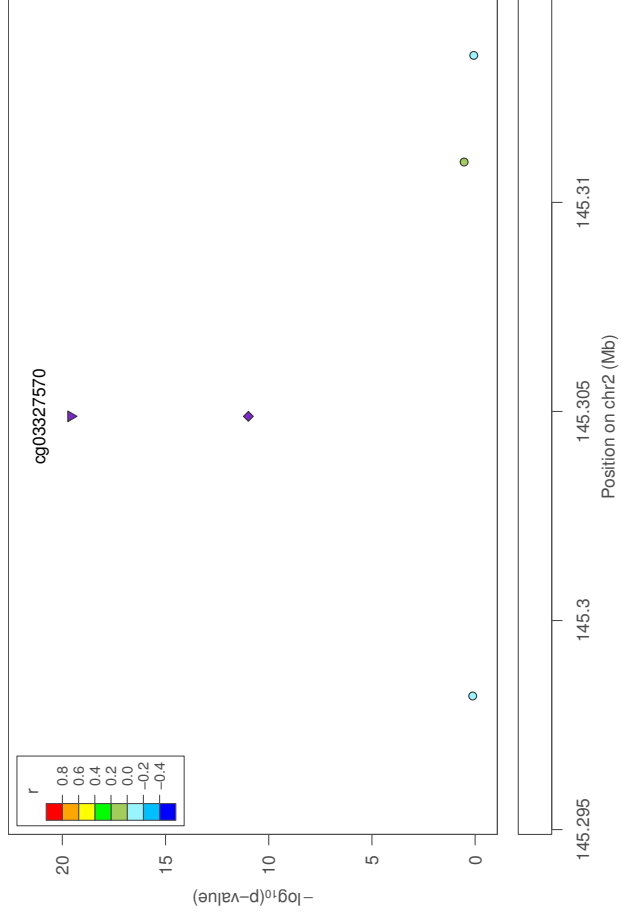
# MAP3K2



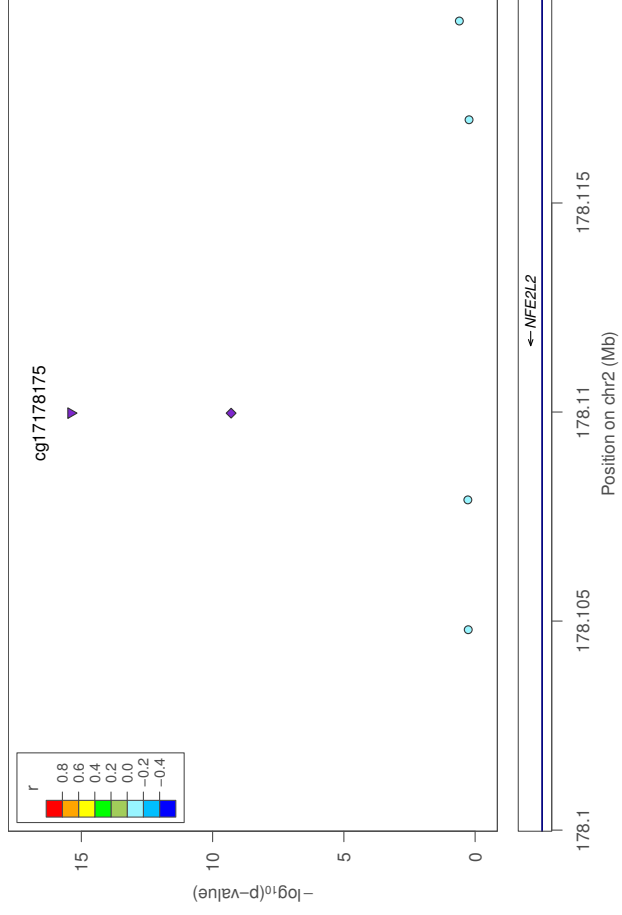
# UGGT1



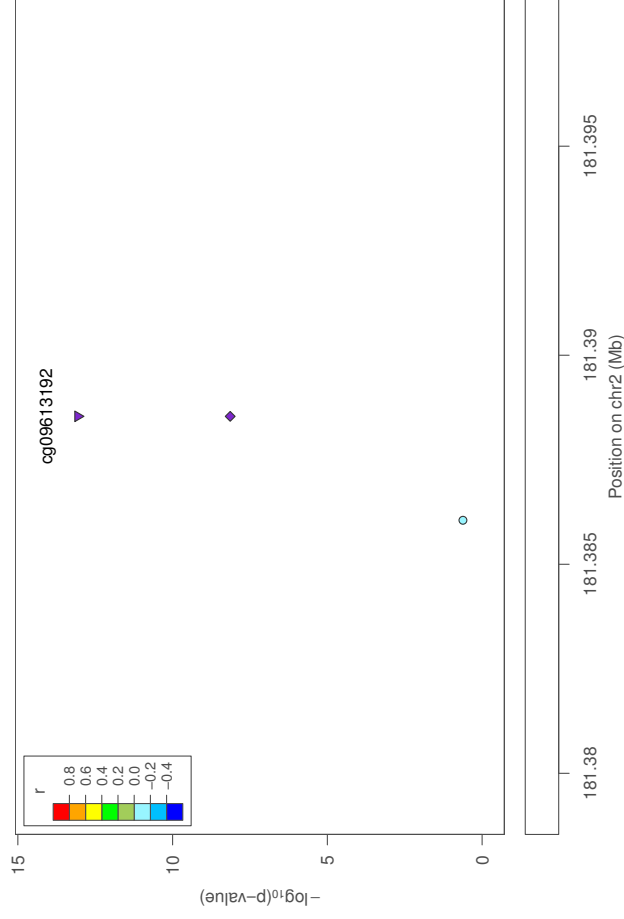
## ZEB2



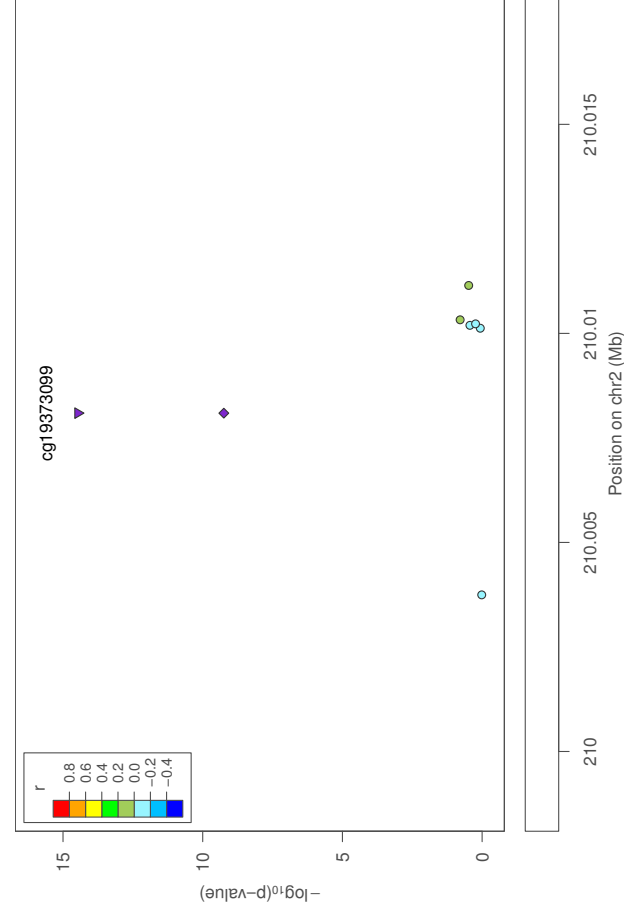
## NFE2L2



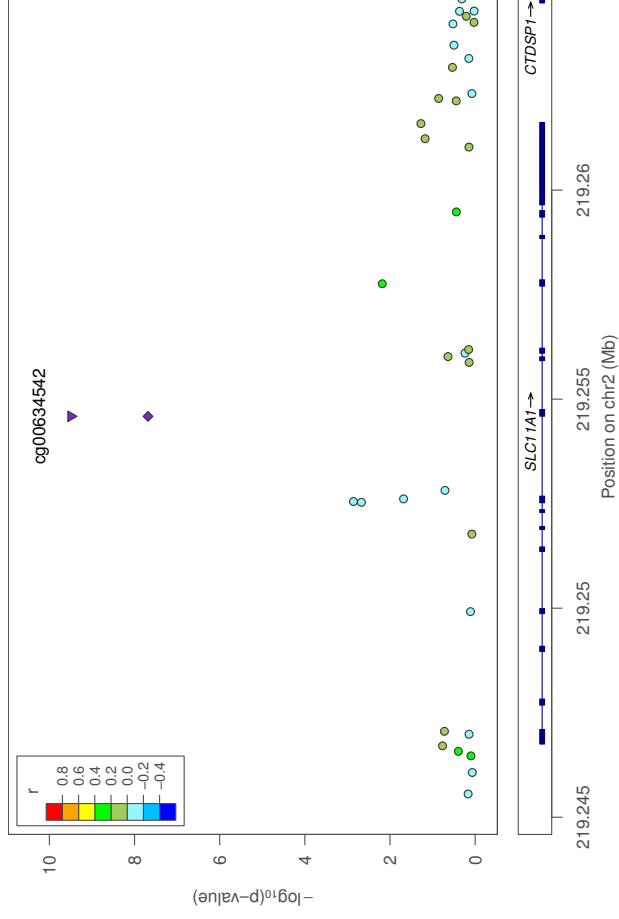
## FTH1P20



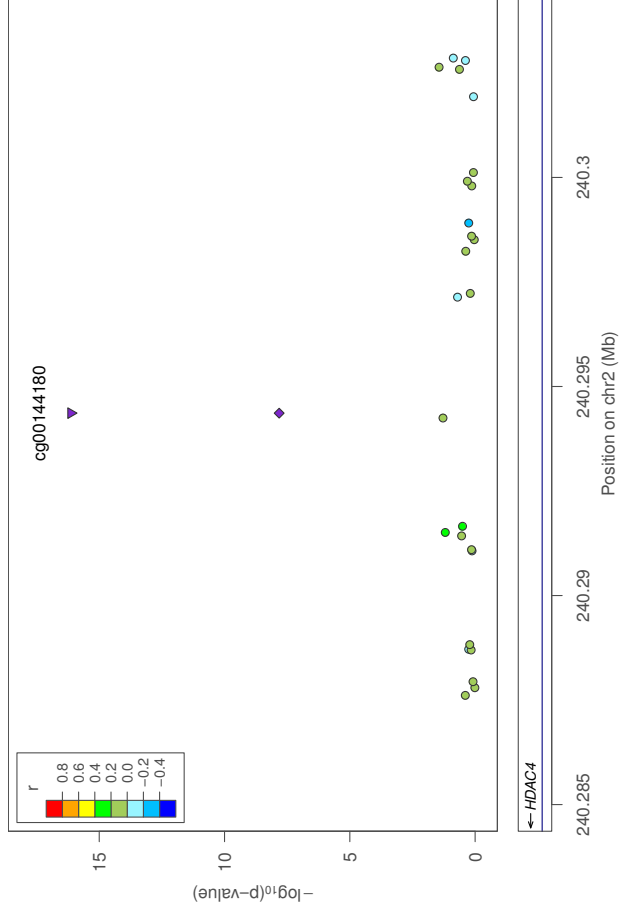
## CRYGFP



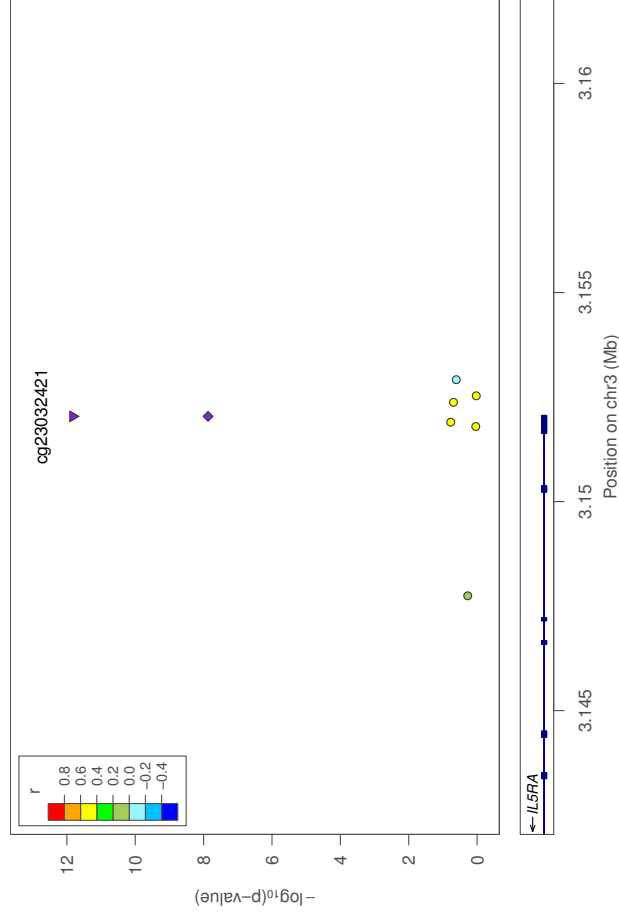
# SLC11A1



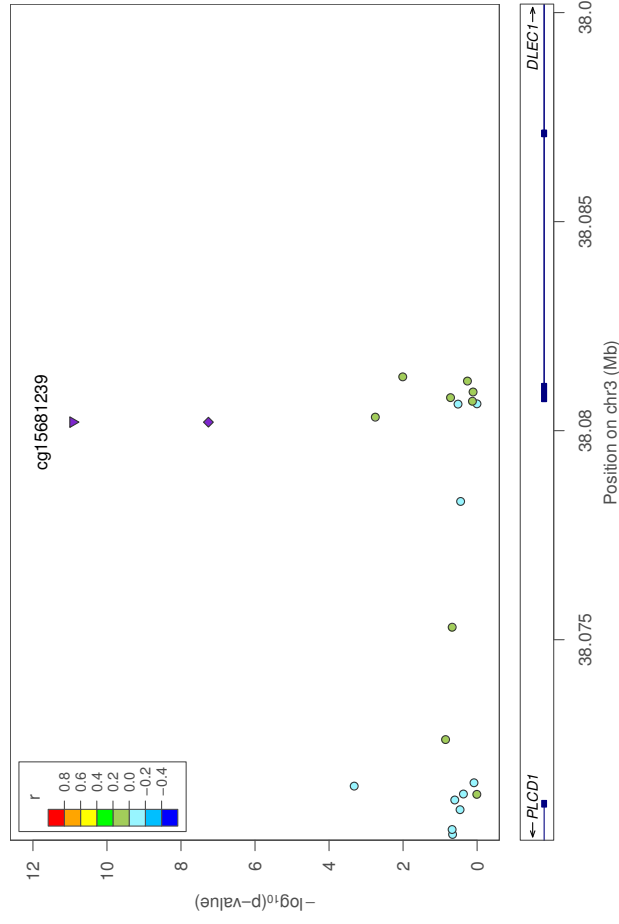
# HDAC4



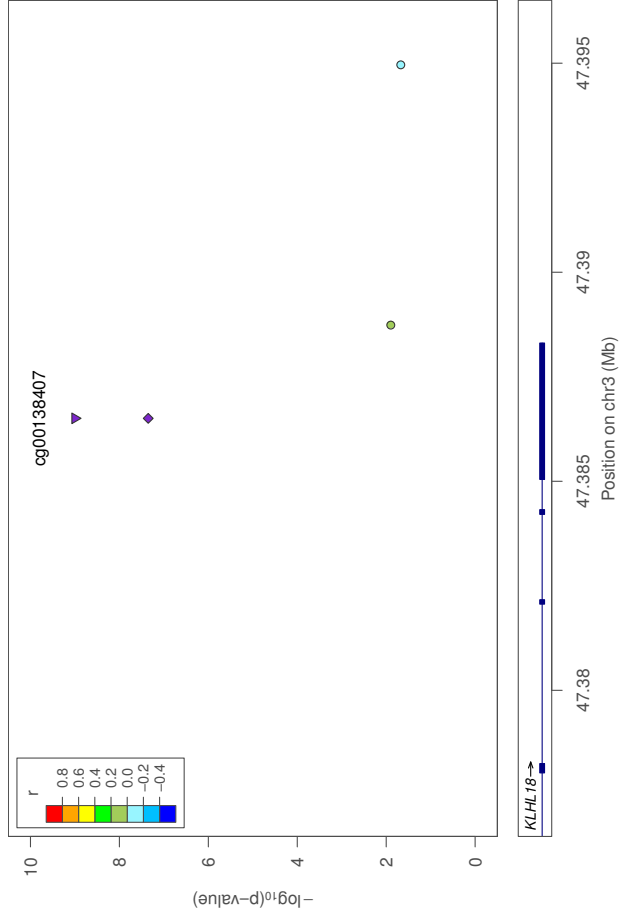
# IL5RA



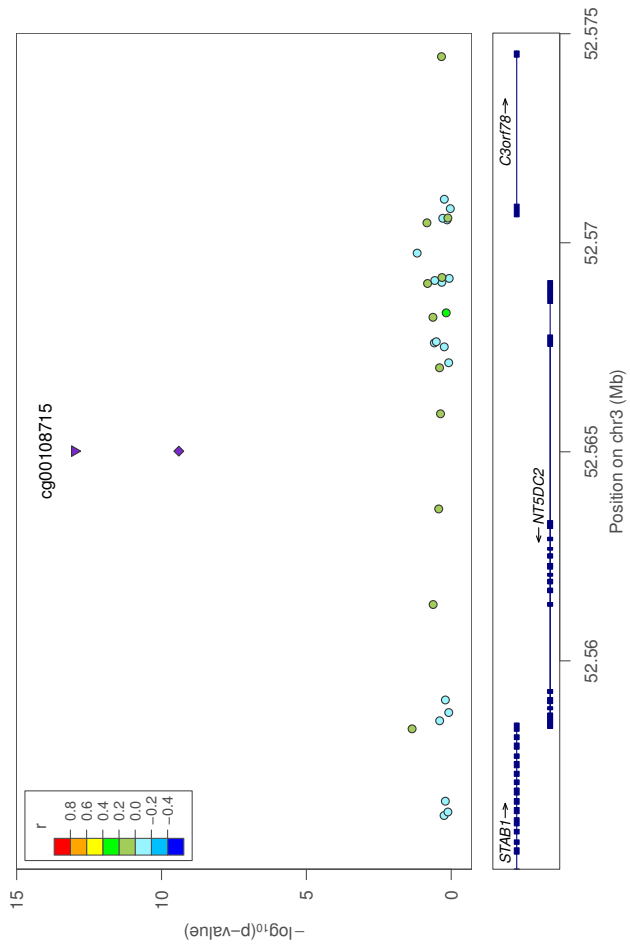
# DLEC1



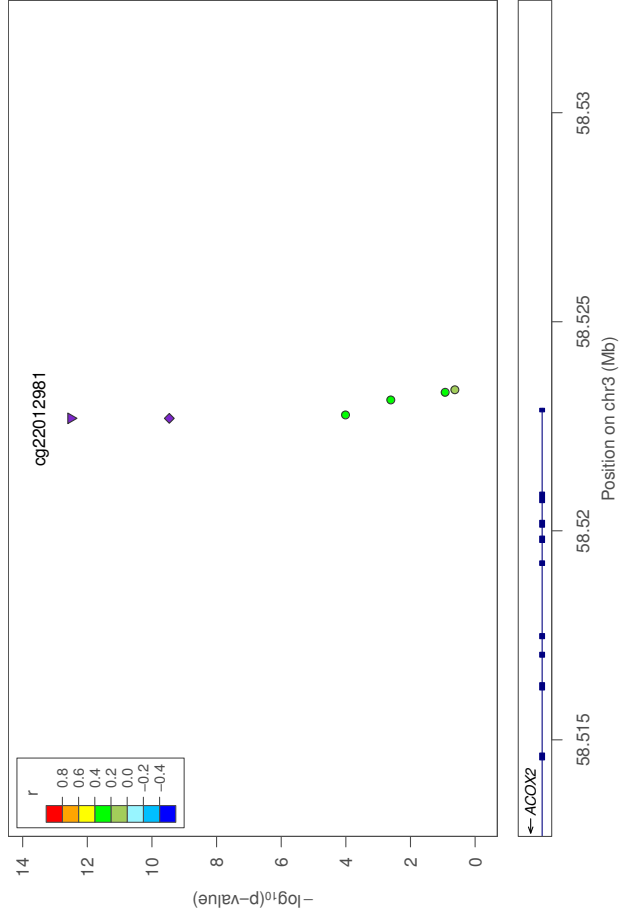
# KLHL18



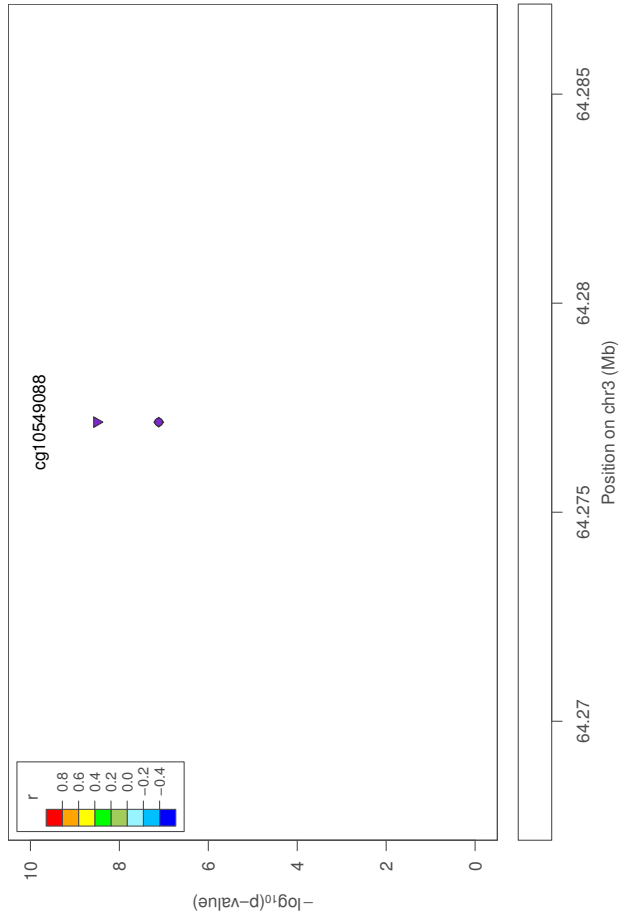
# NT5DC2



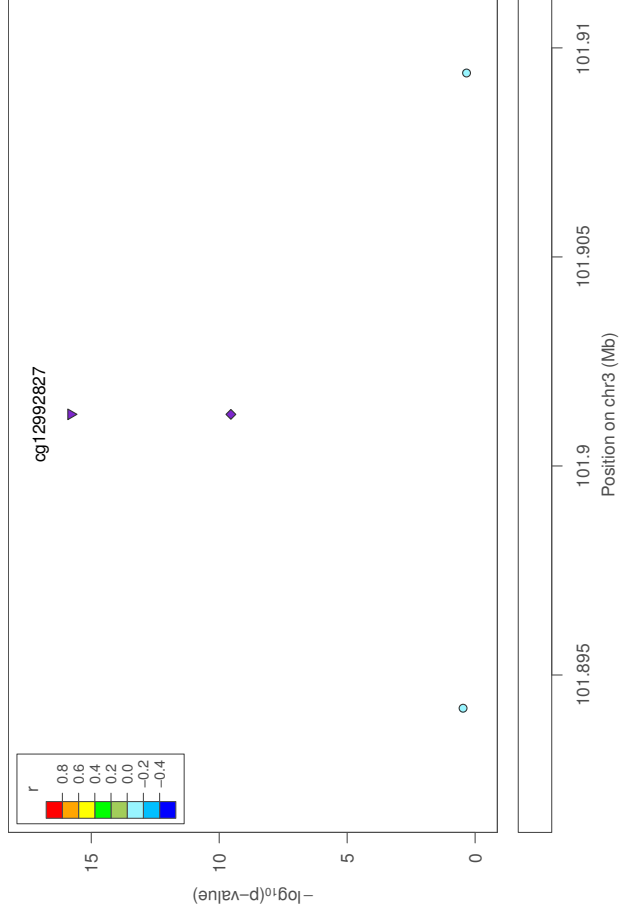
# ACO2



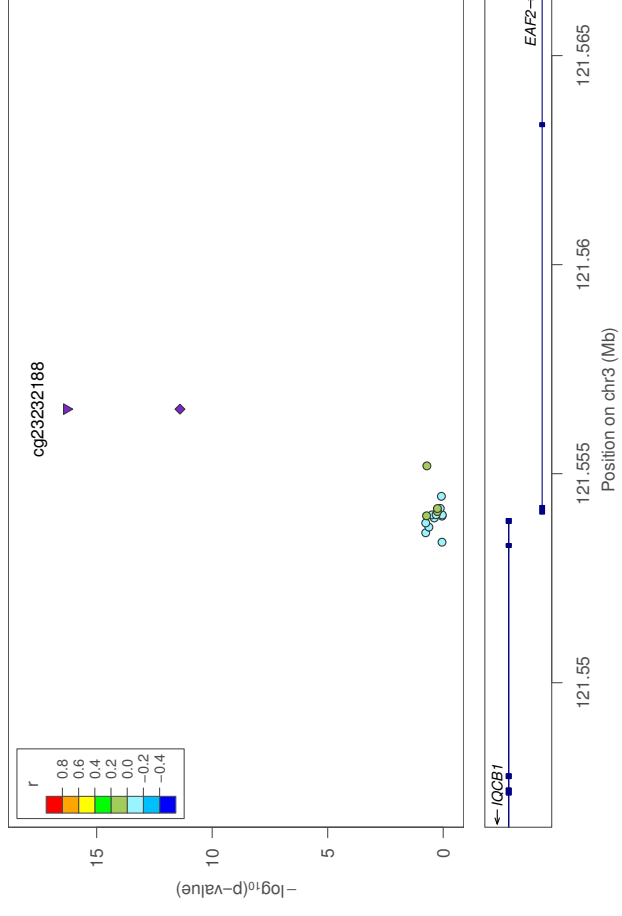
# PRICKLE2



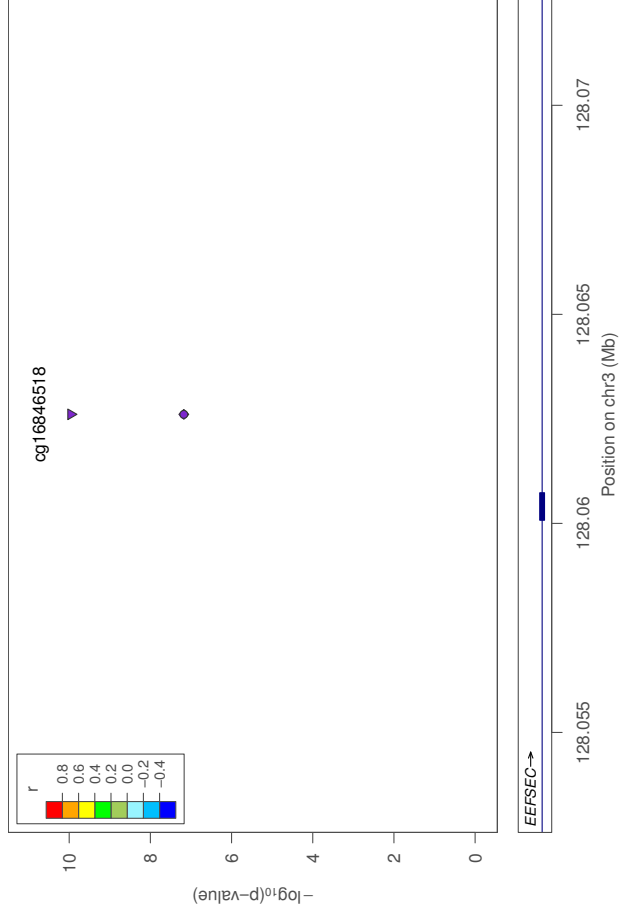
### ZPLD1



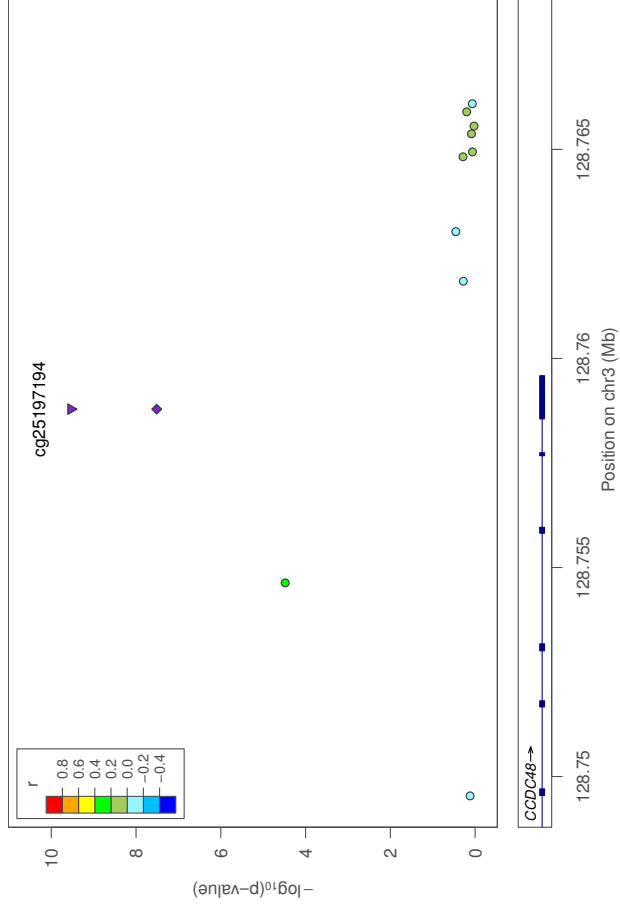
### EAF2



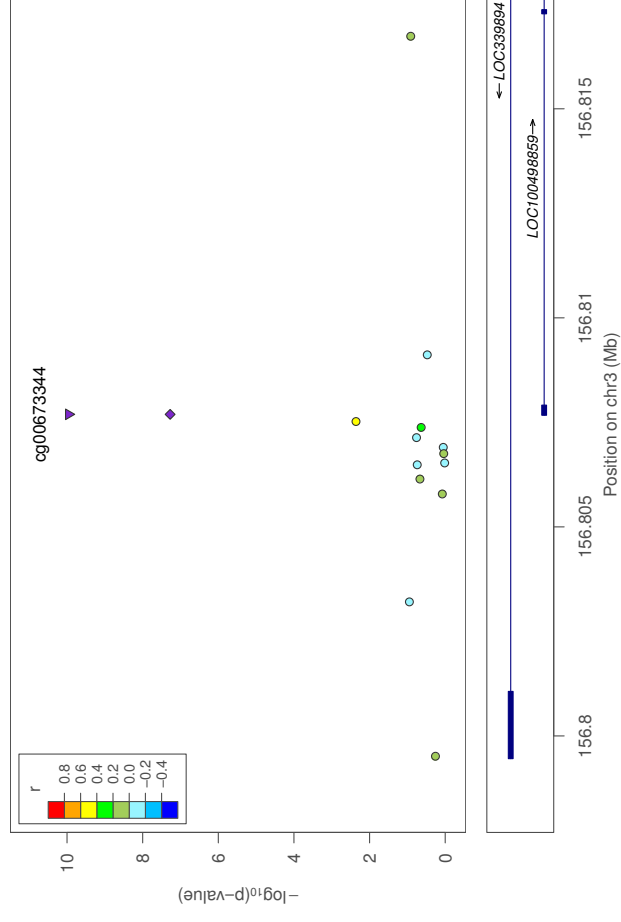
### EEFSEC



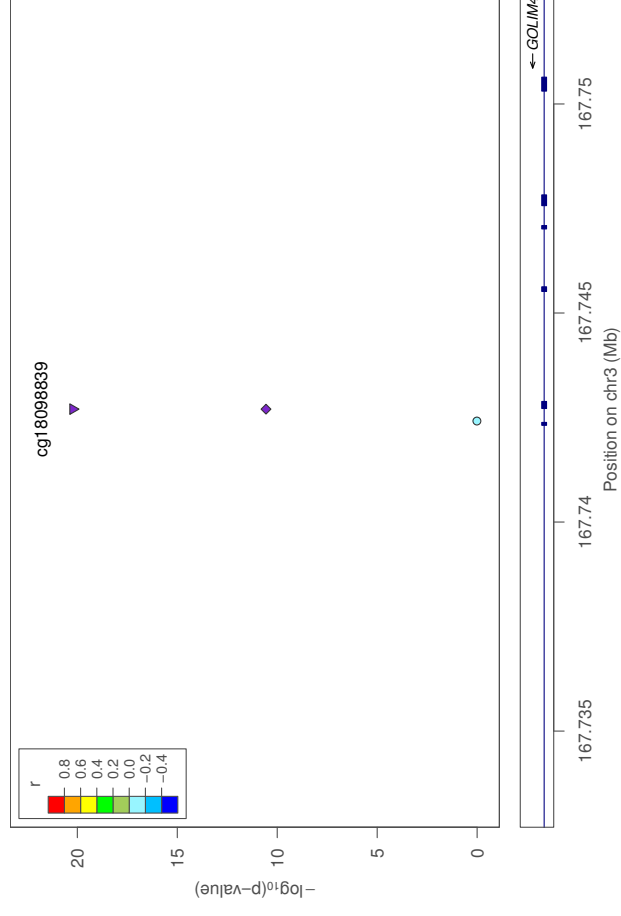
### EFCC1



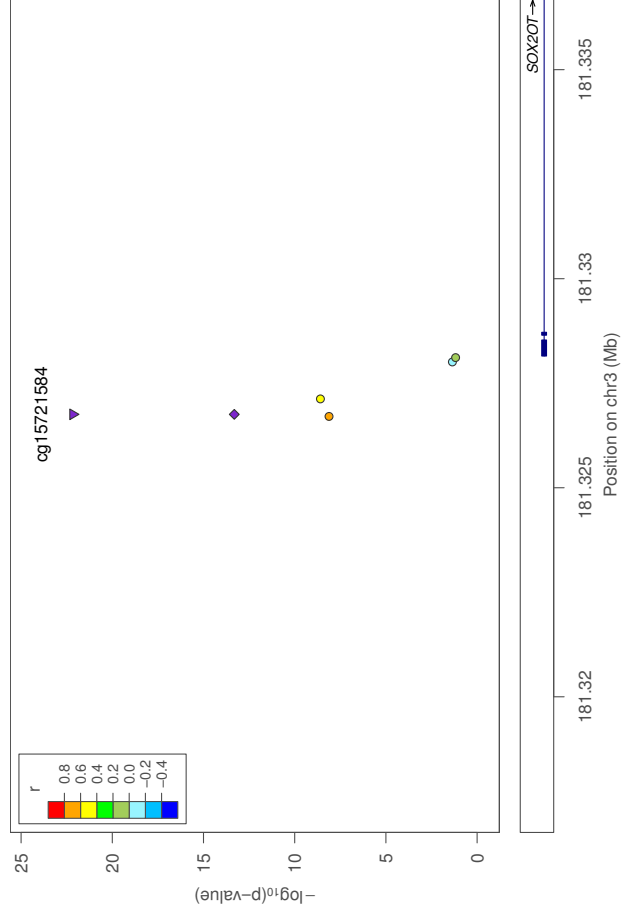
### LINC00880



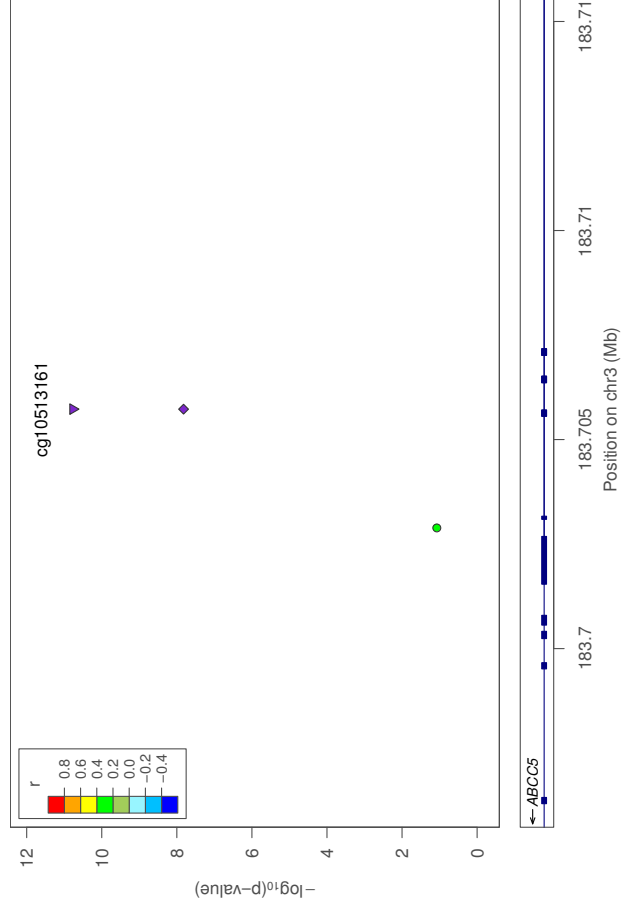
### GOLIM4



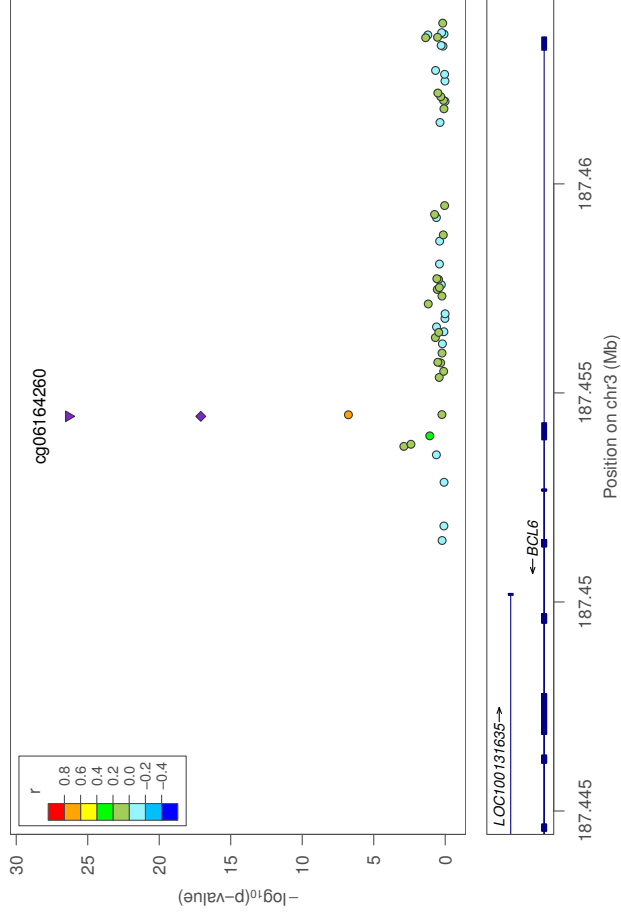
### SOX2-OT



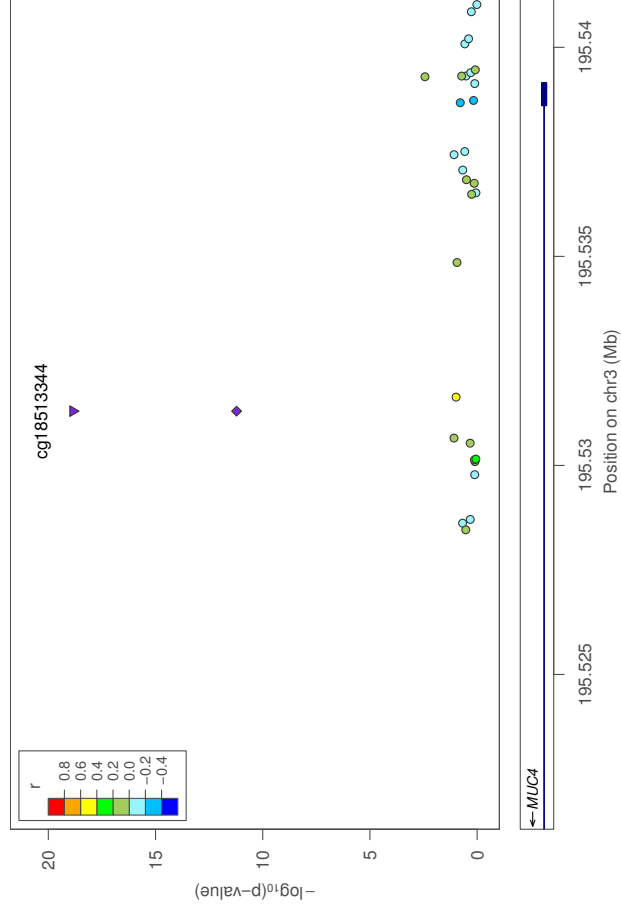
### ABCC5



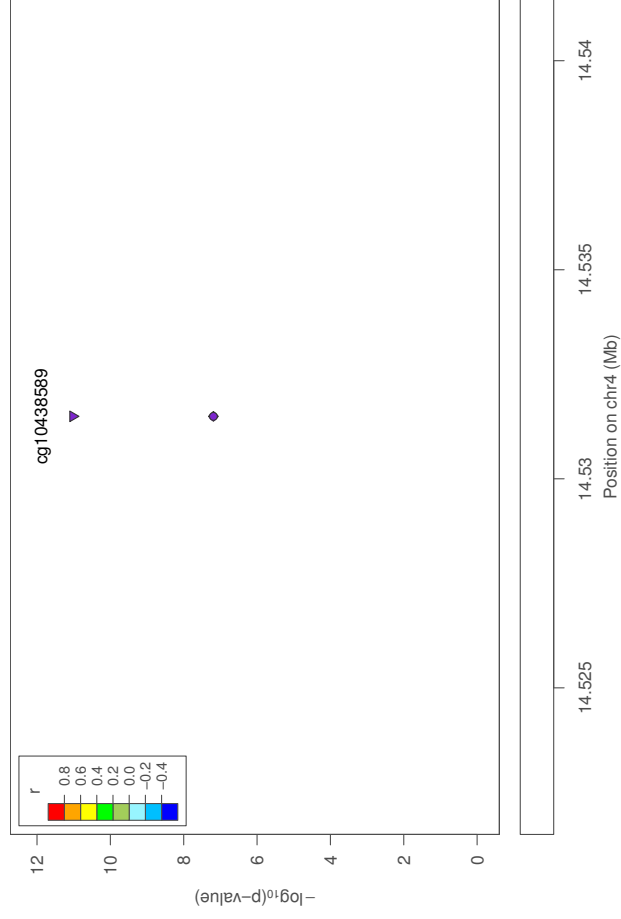
### BCL6



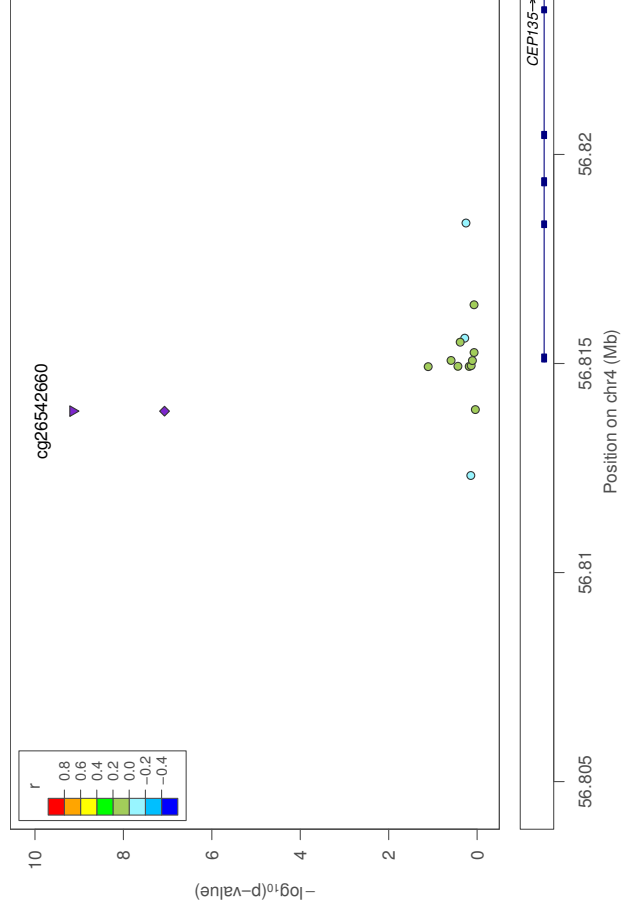
### MUC4



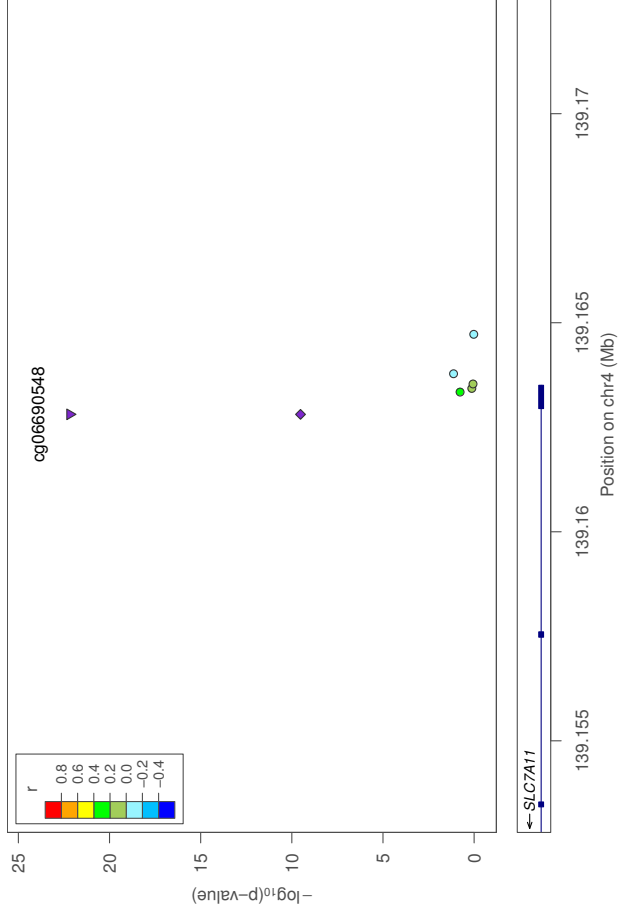
### LINC00504



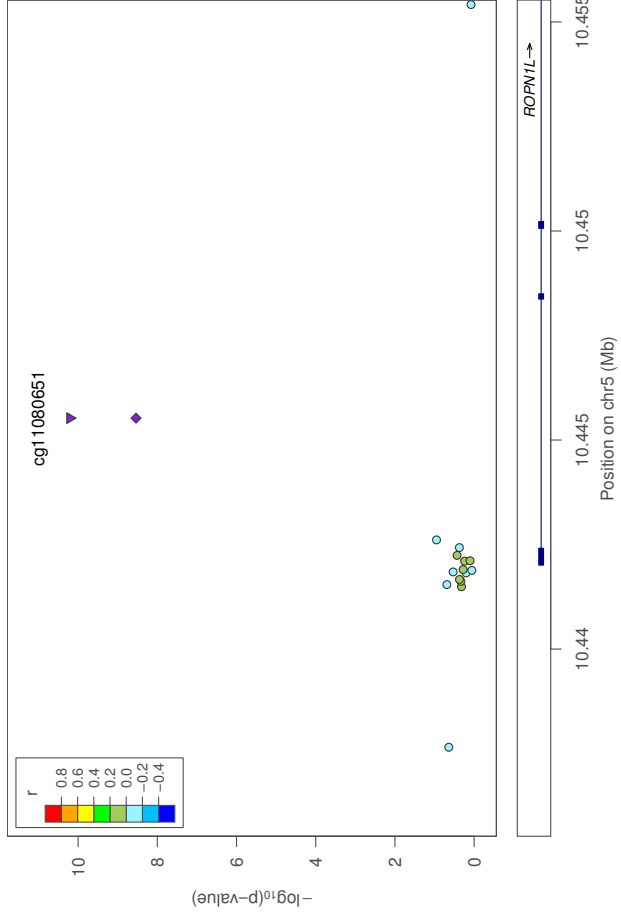
### CEP135



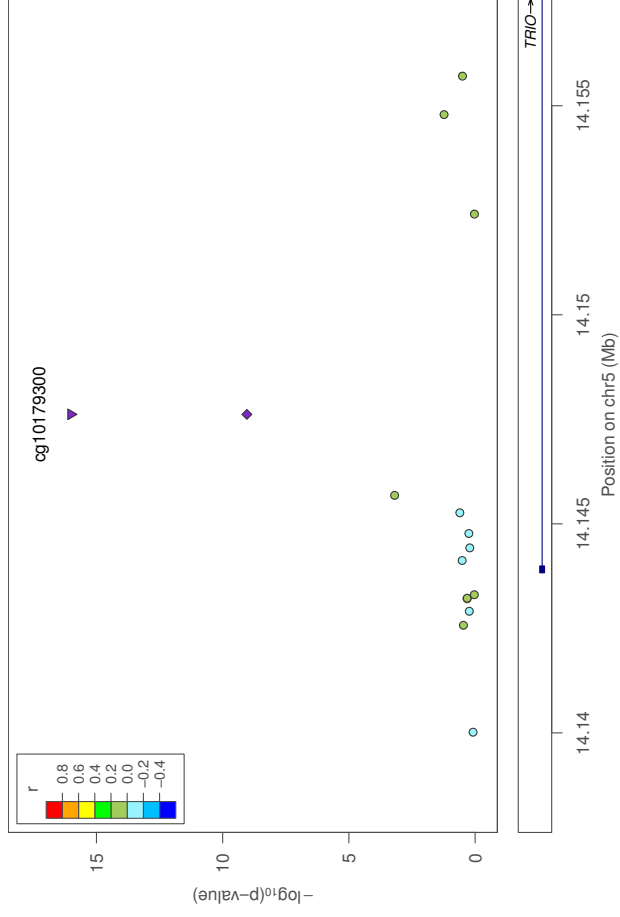
# SLC7A11



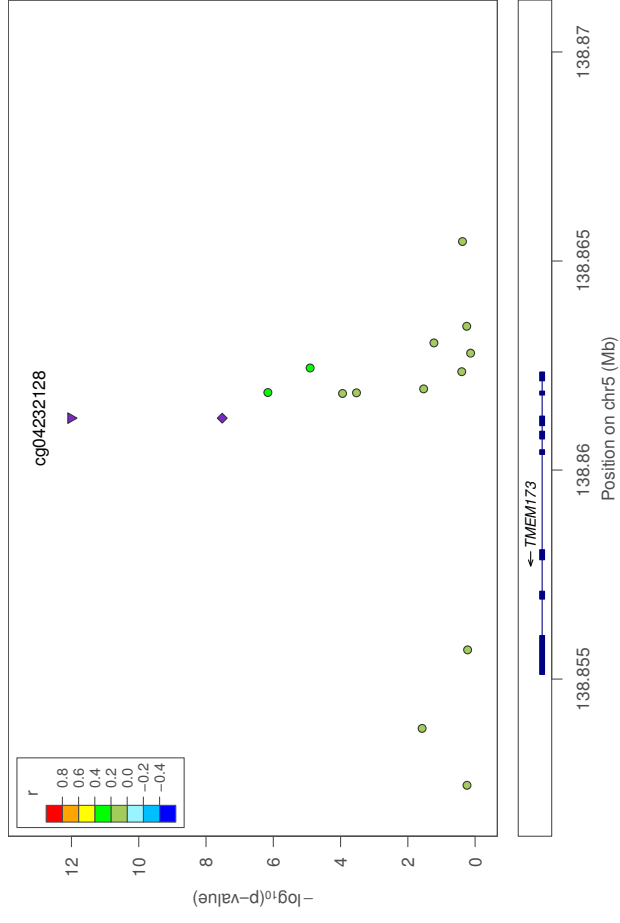
# ROPN1L



# TRIO

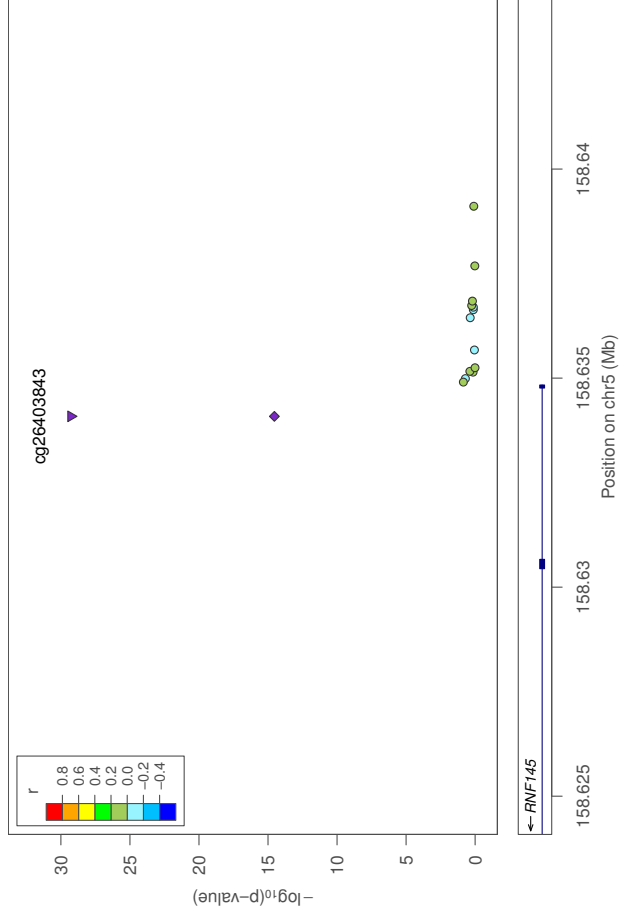


# TMEM173

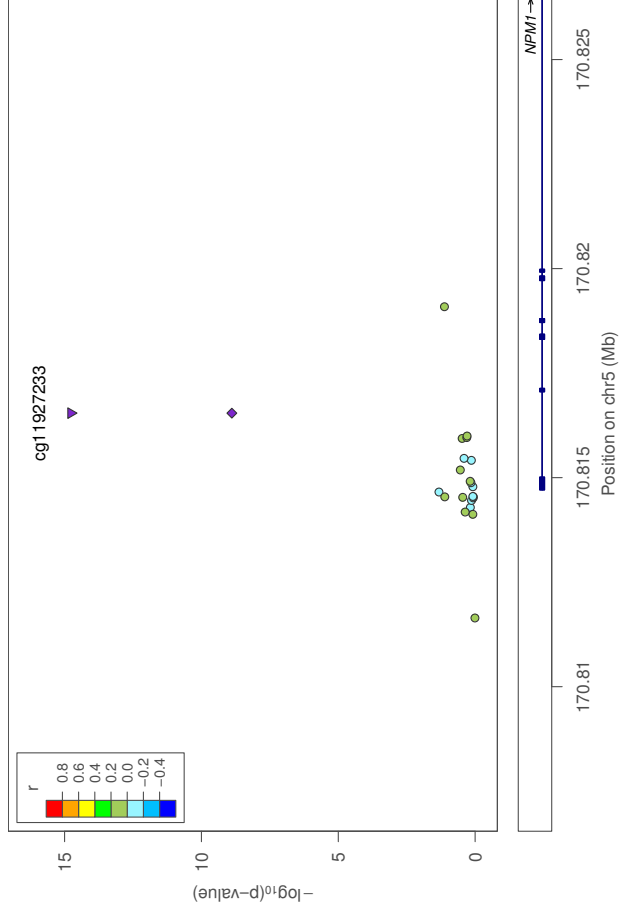




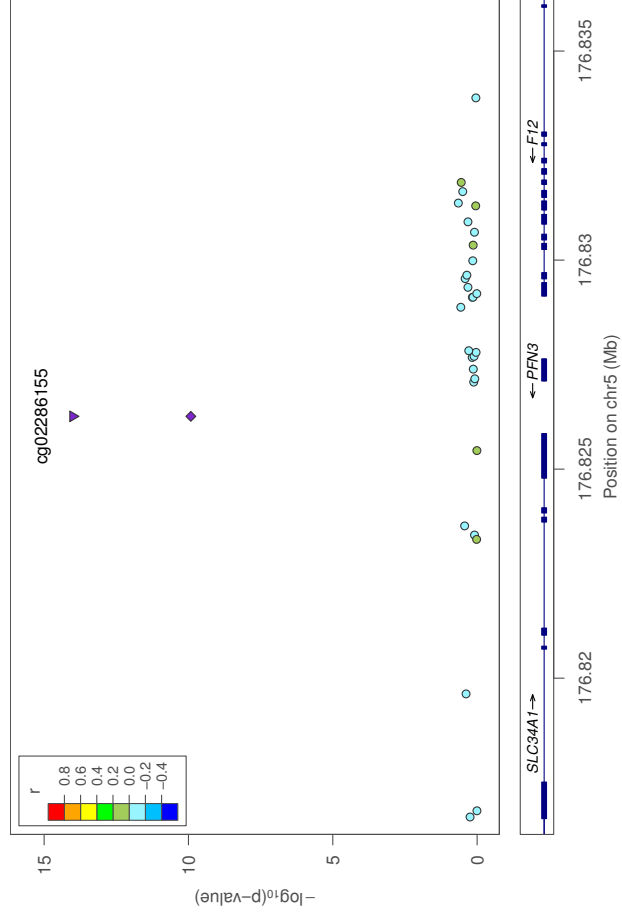
# RNF145



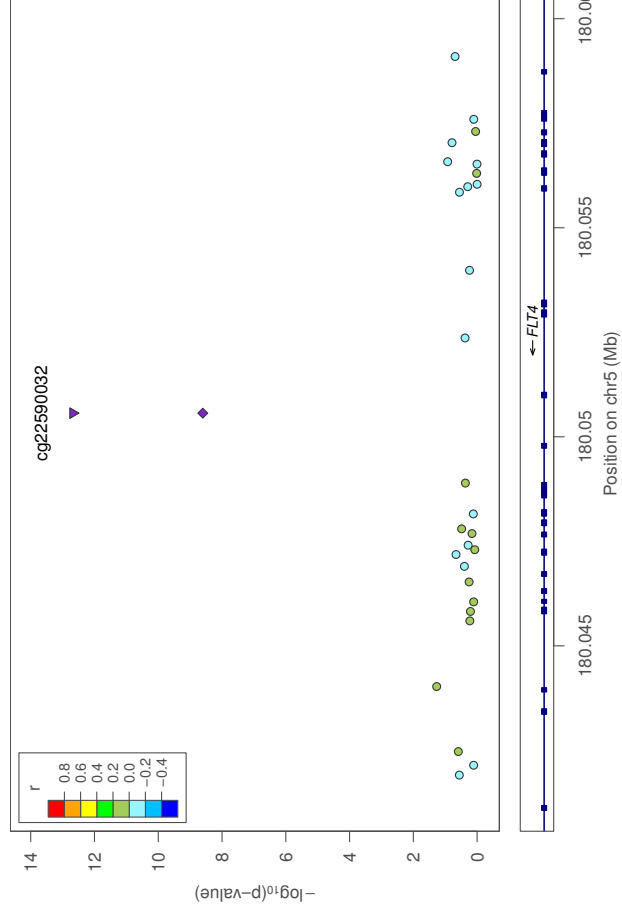
# NPM1



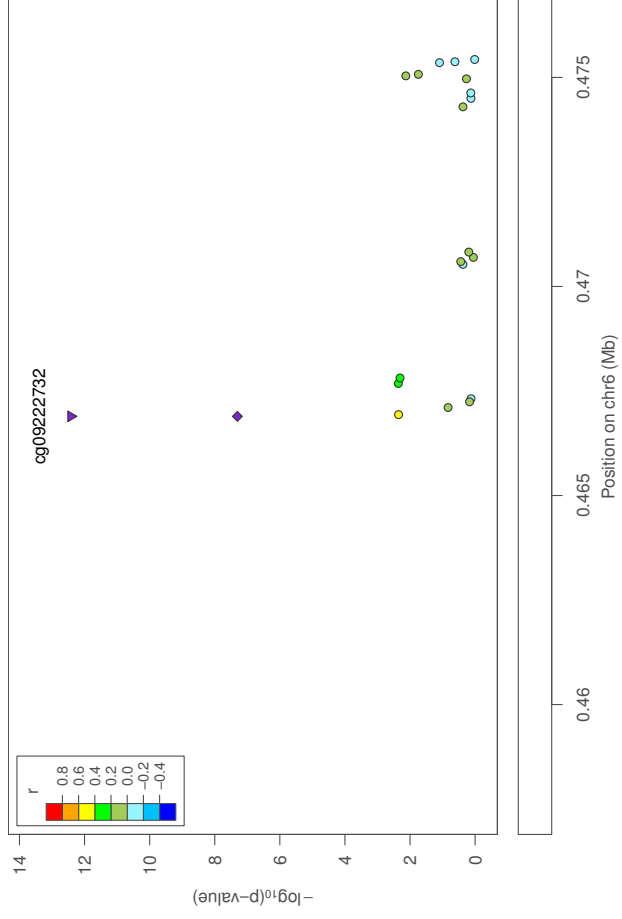
# SLC34A1



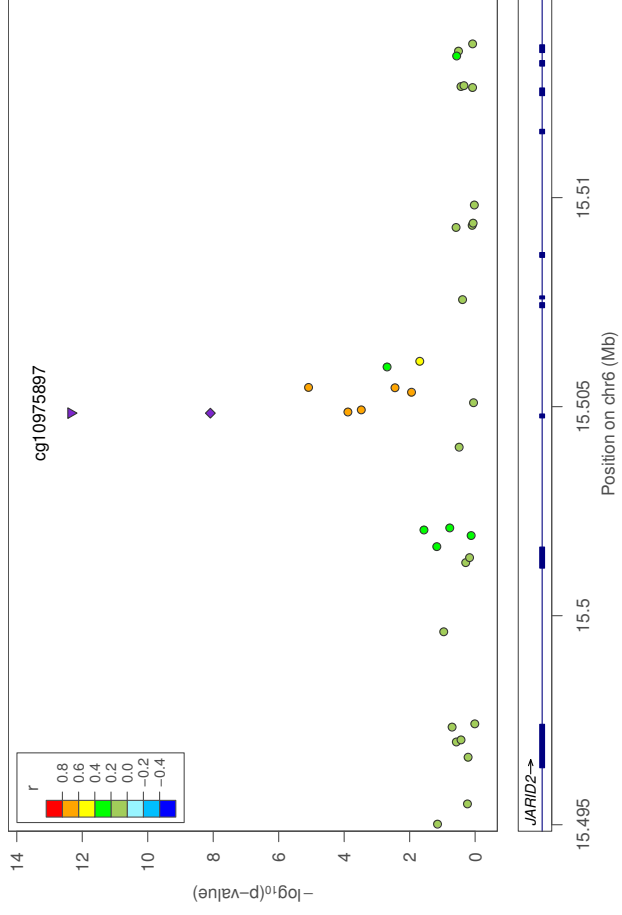
# FLT4



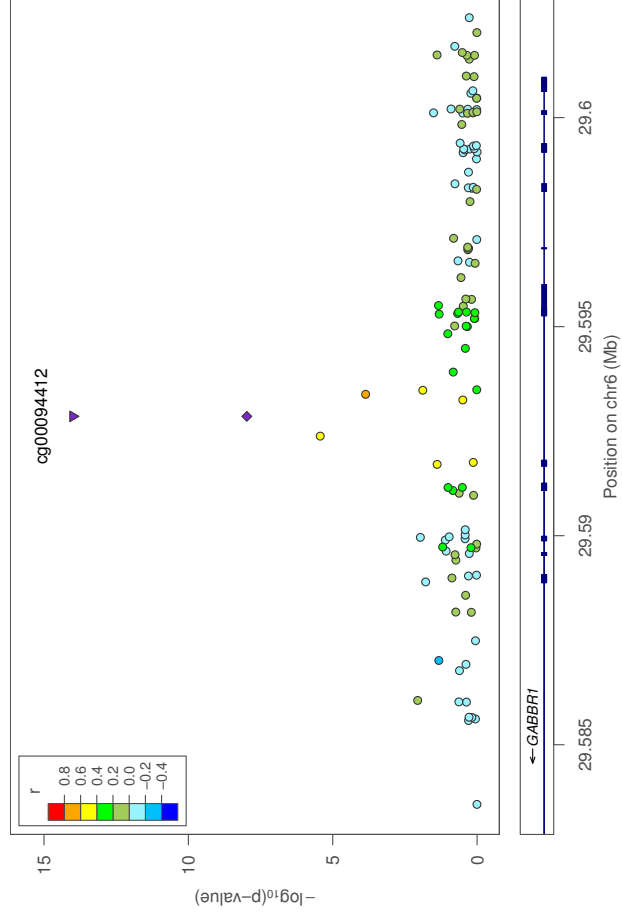
## EXOC2



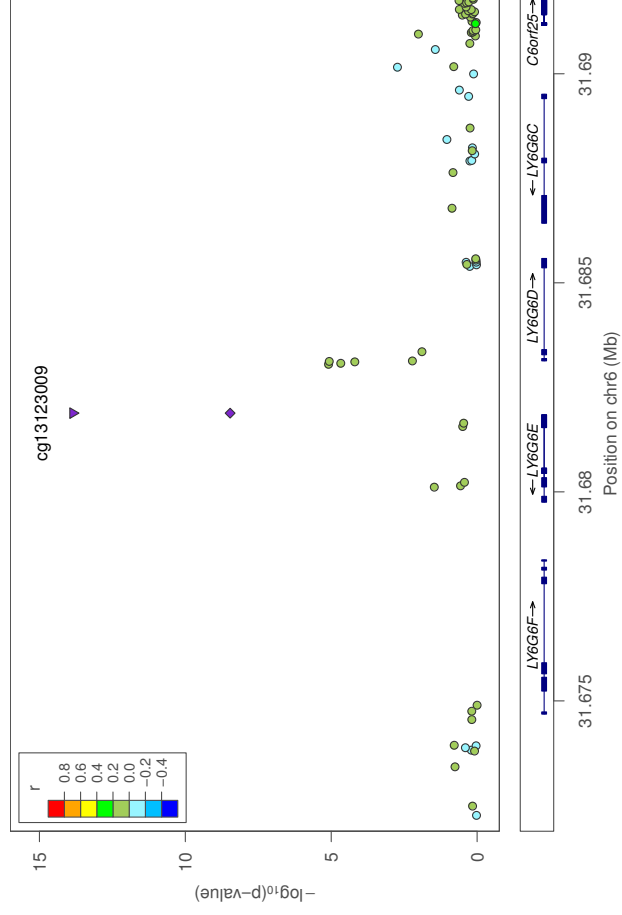
## JARID2



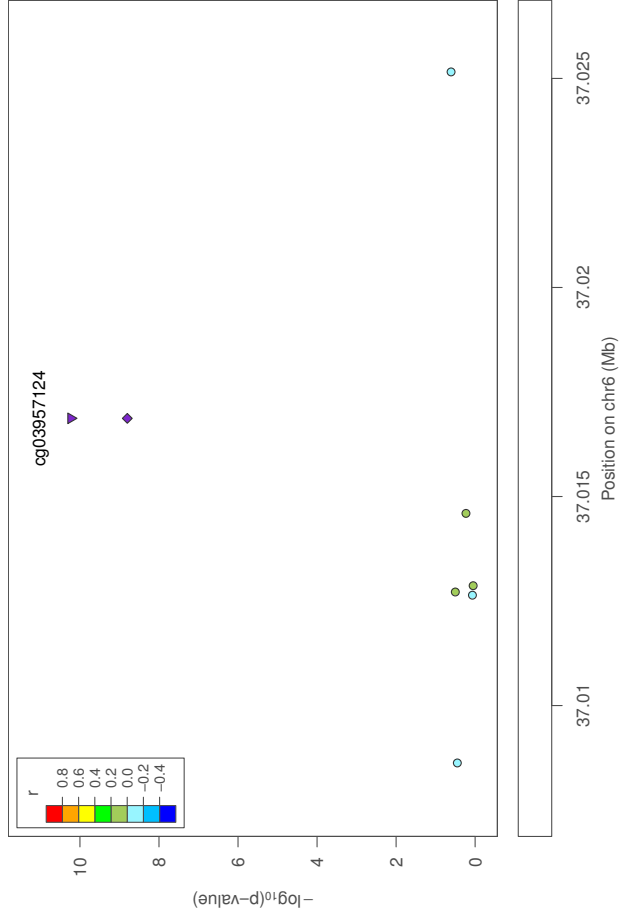
## GABBR1



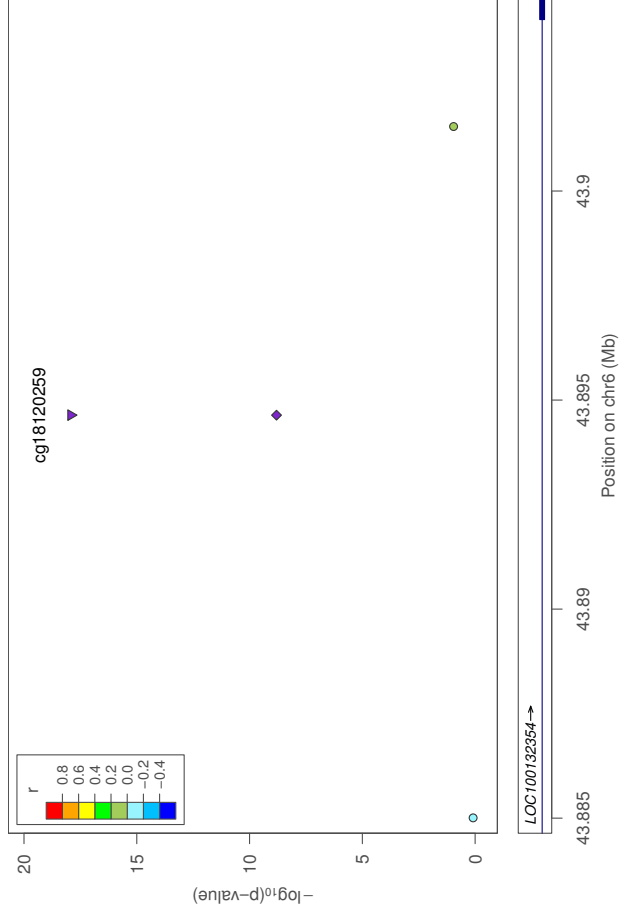
## LY6G6F



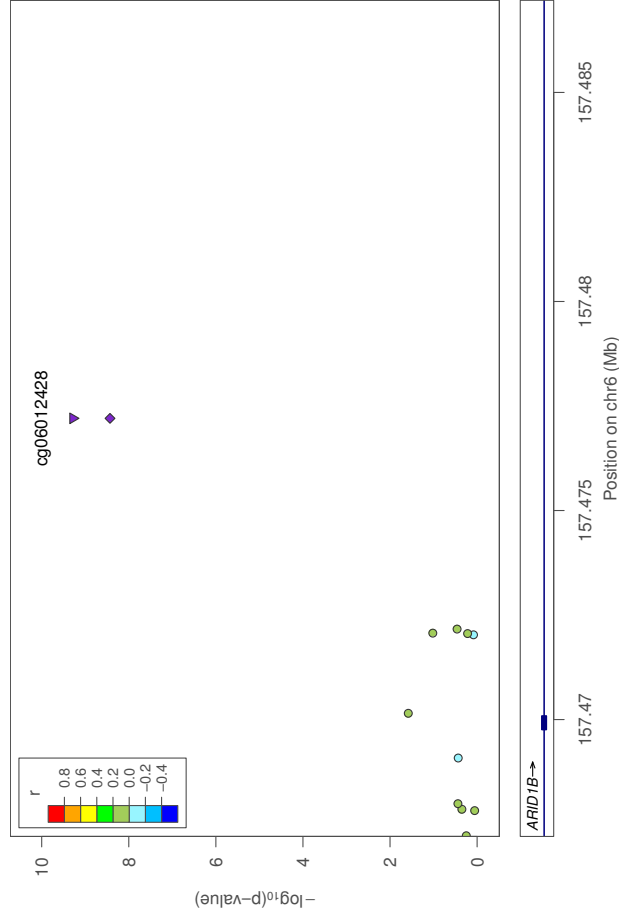
# COX6A1P2



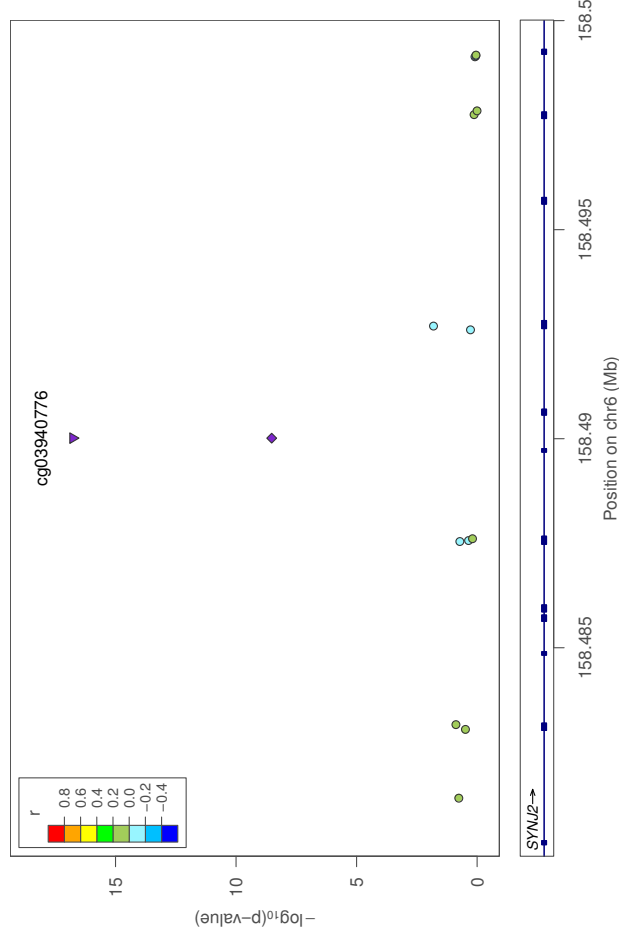
# C6orf223



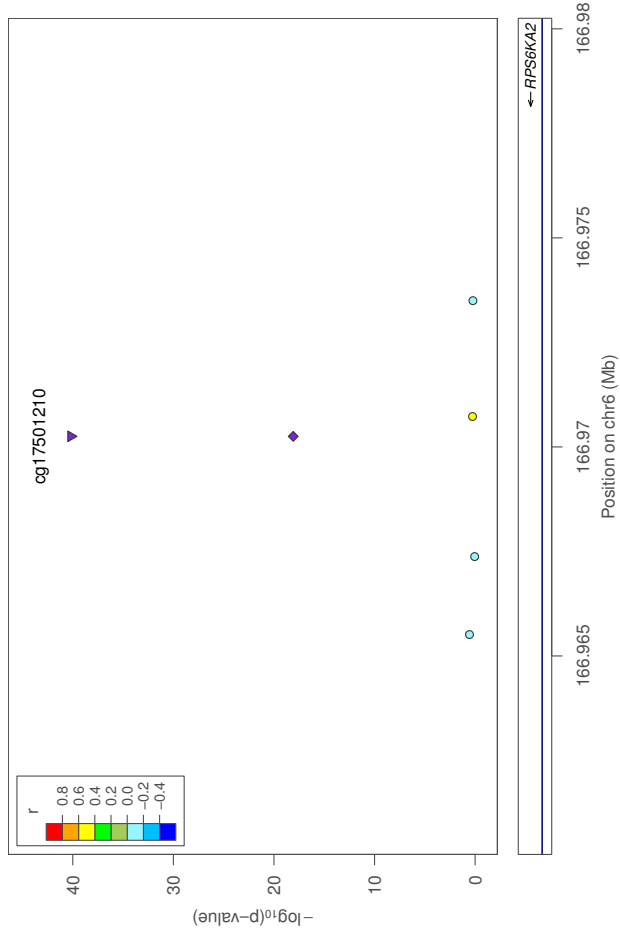
# ARID1B



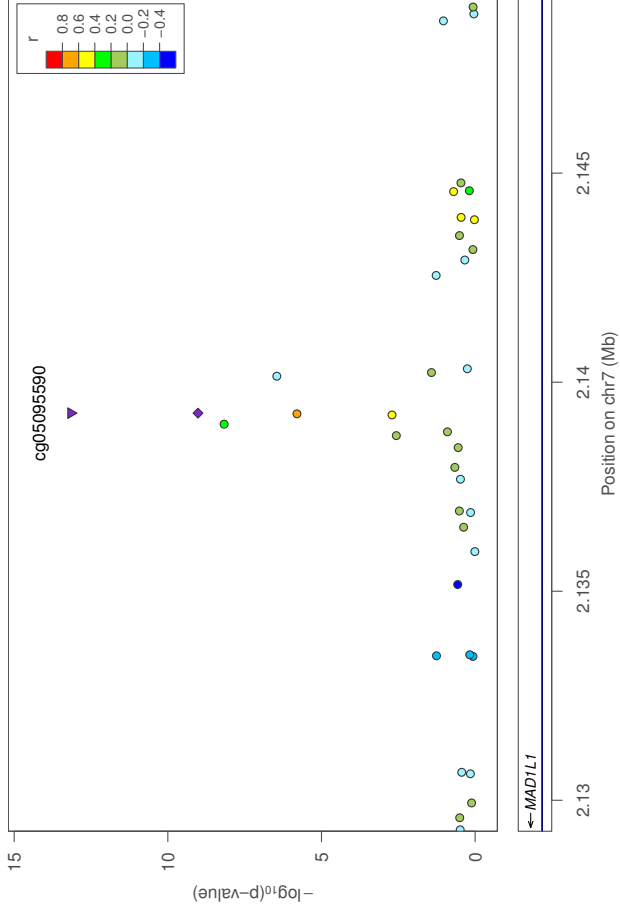
# SYNJ2



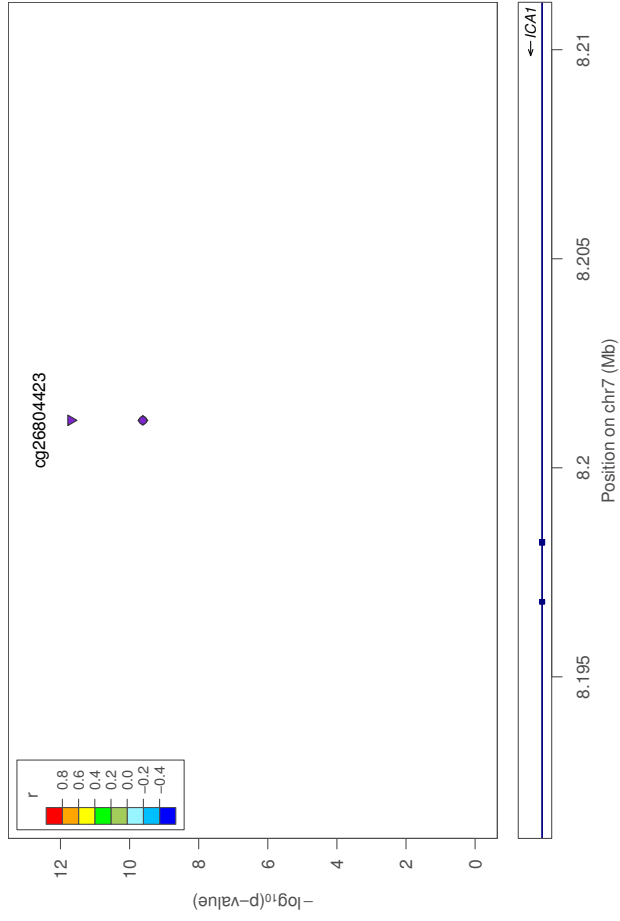
## RPS6KA2



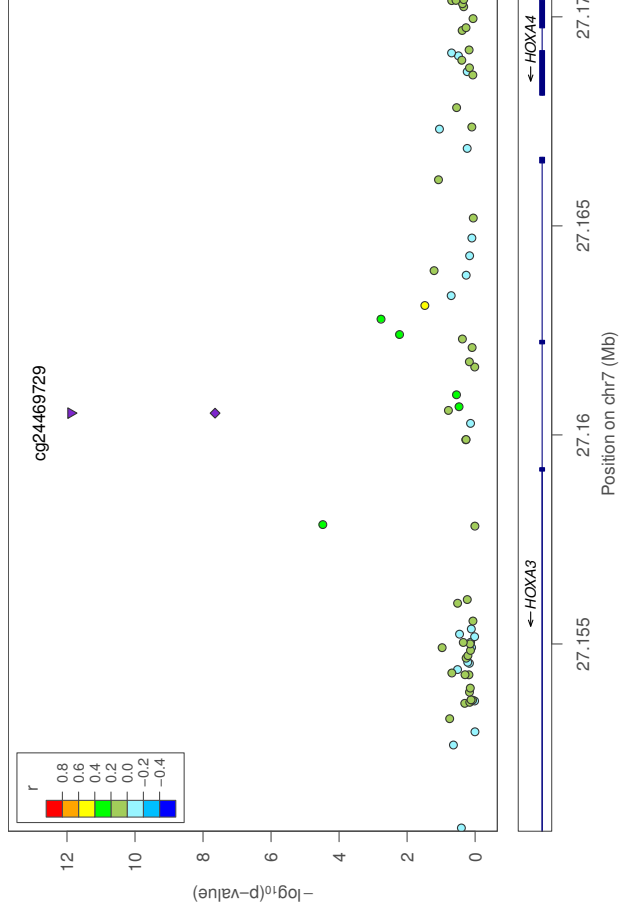
## MAD1L1



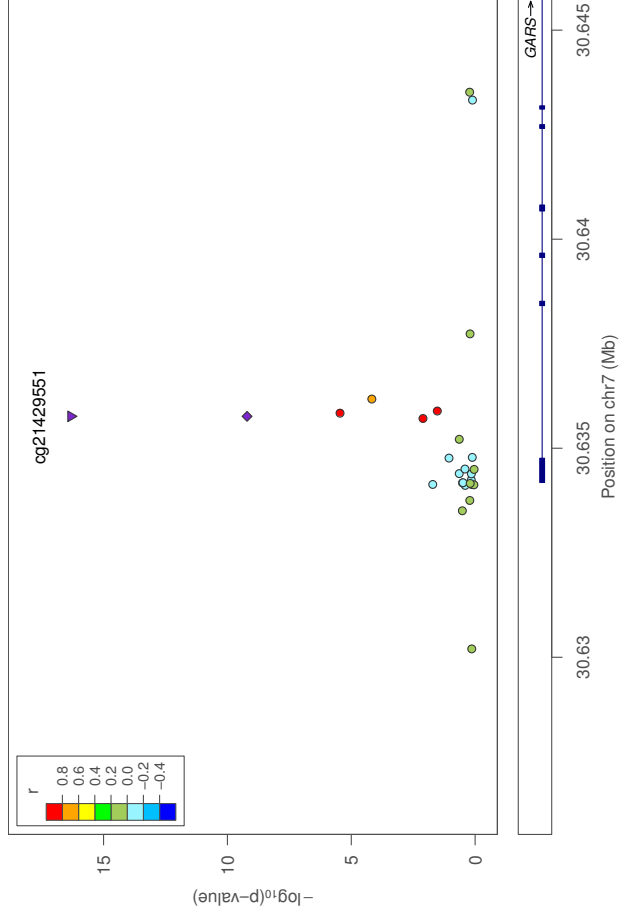
## ICA1



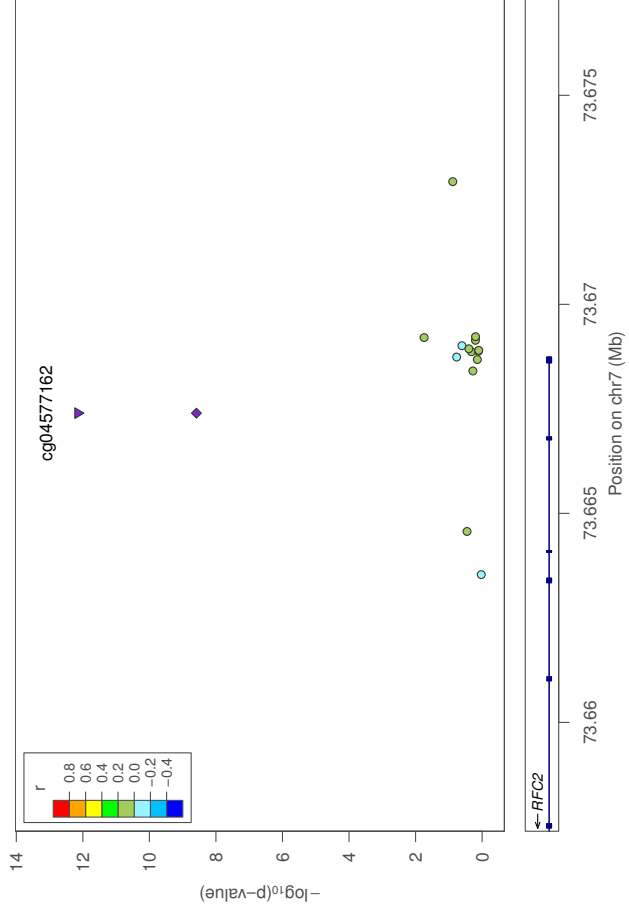
## HOXA-AS2



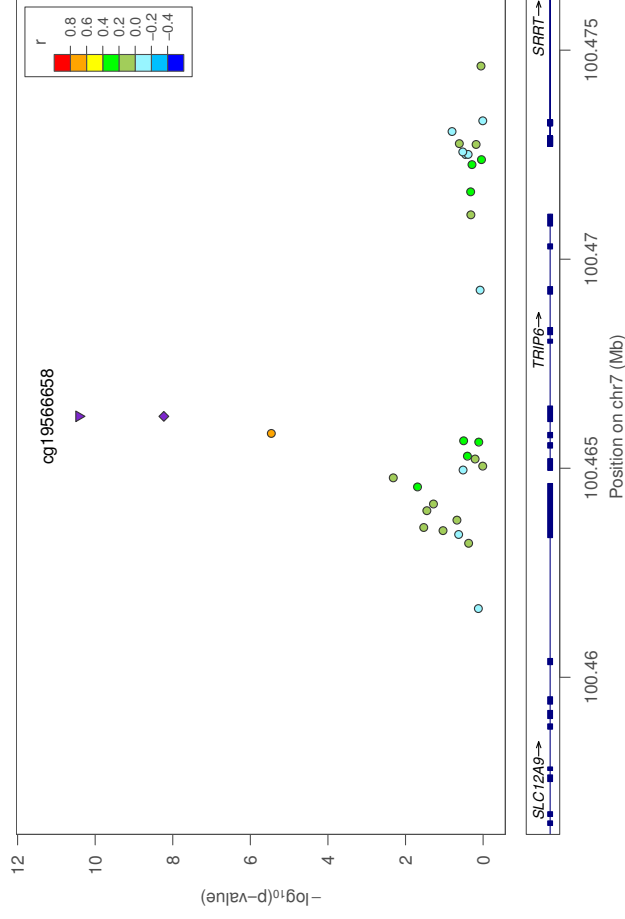
## GARS



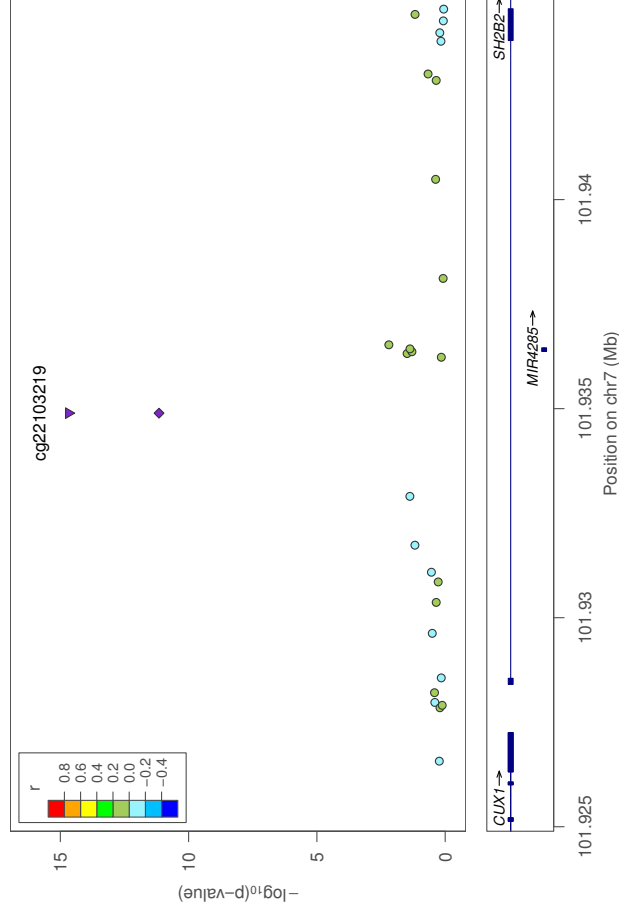
## RFC2



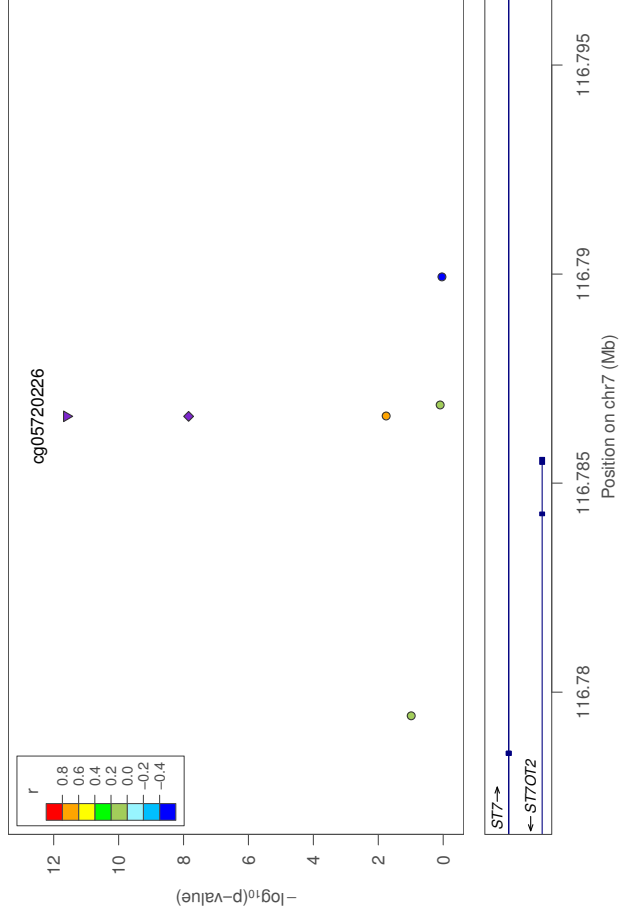
## TRIP6



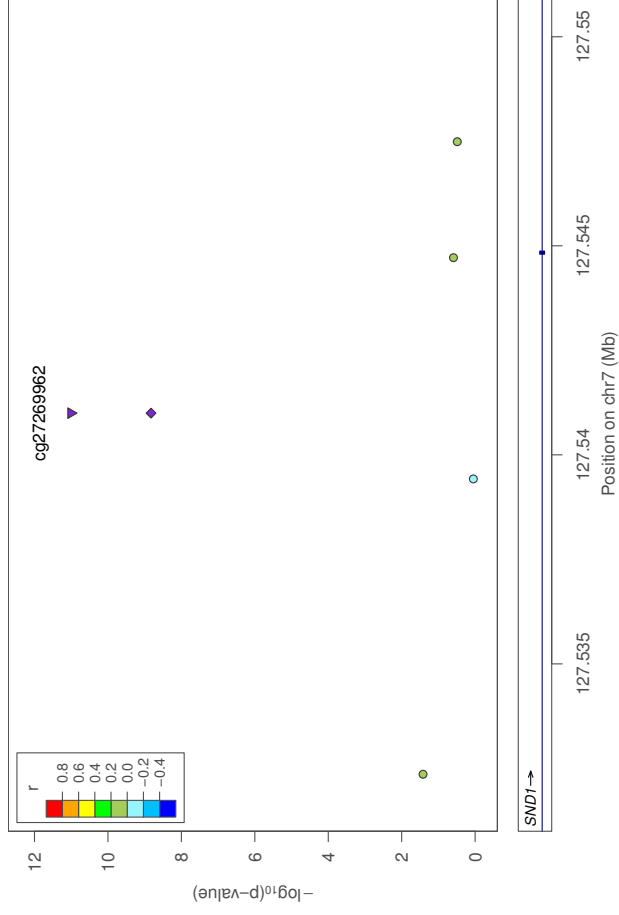
## SH2B2



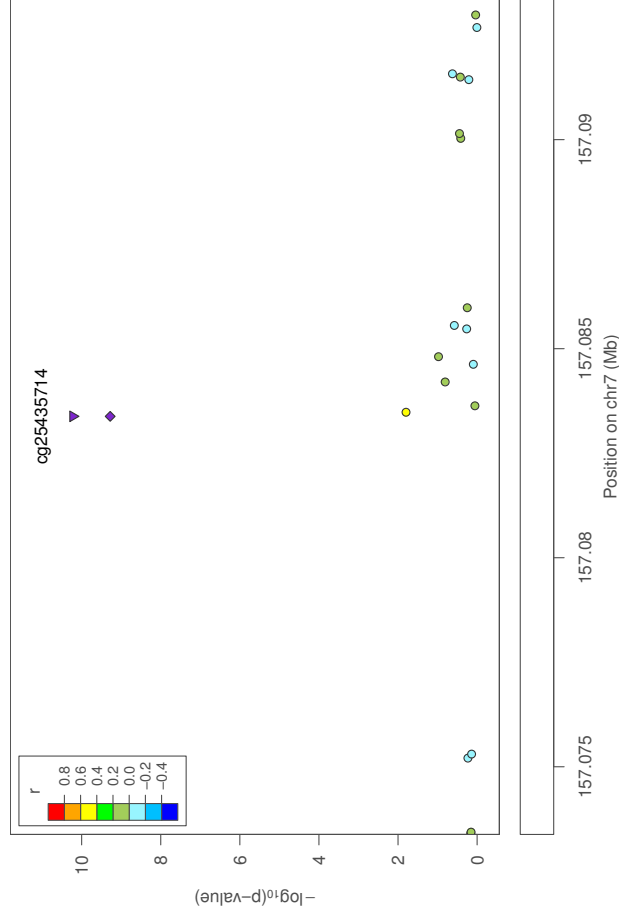
### ST7



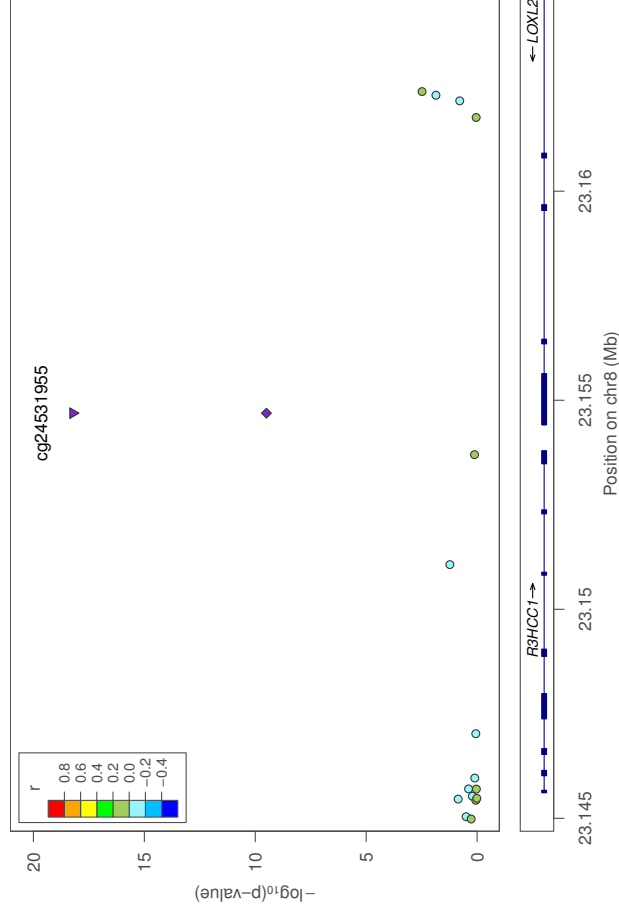
### SND1



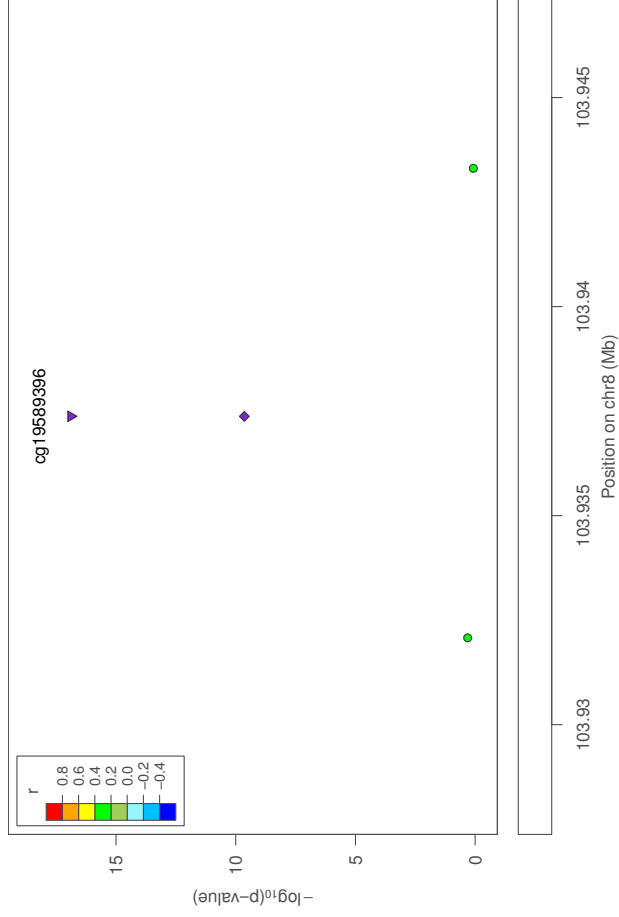
### RN7SL142P



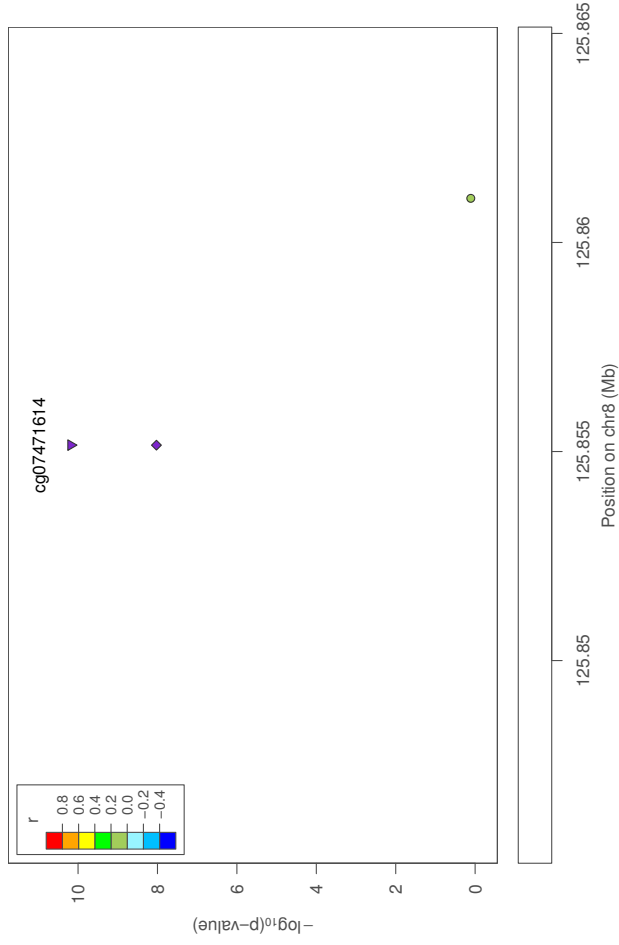
### LOXL2



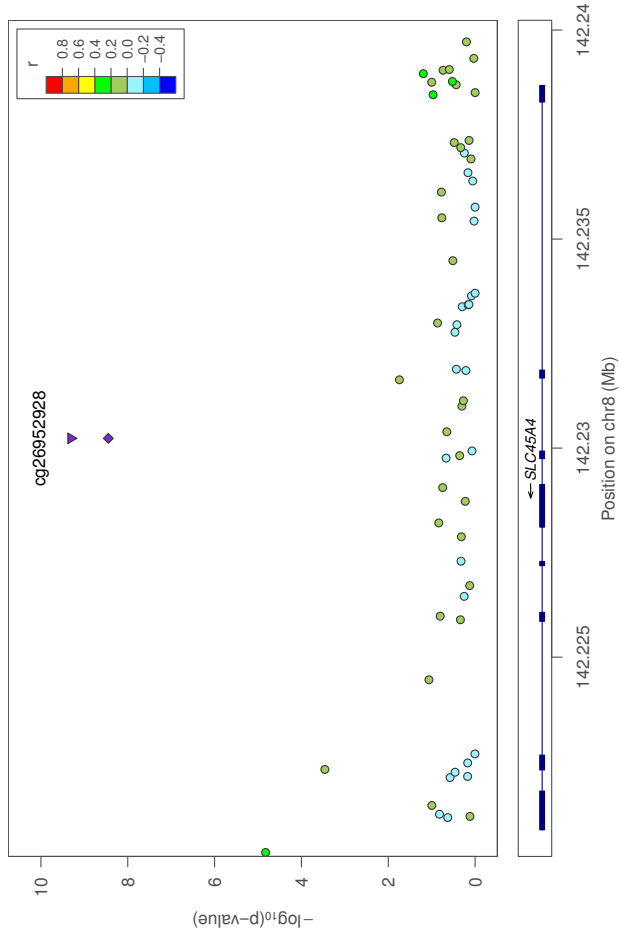
# RPL5P24



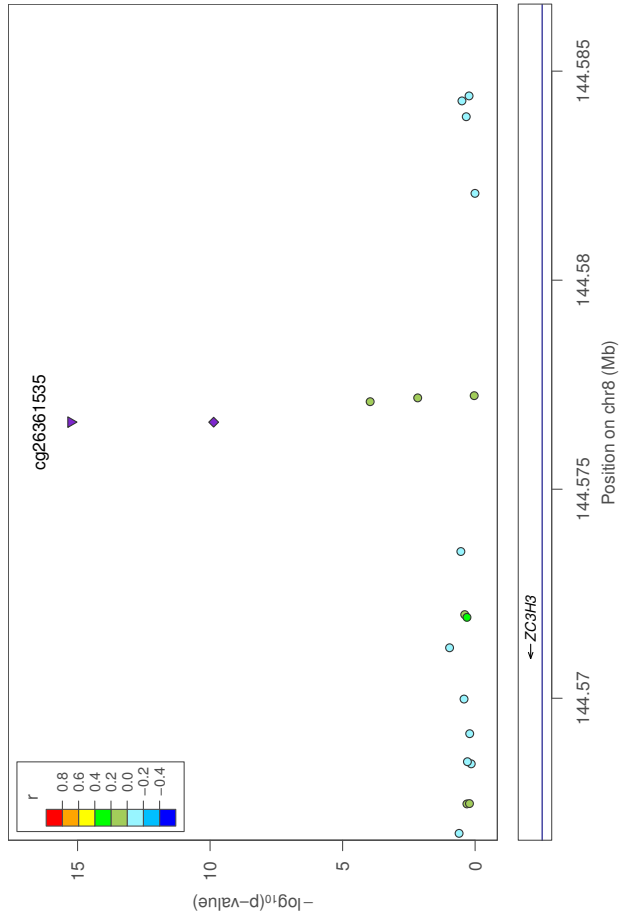
# LINC00964



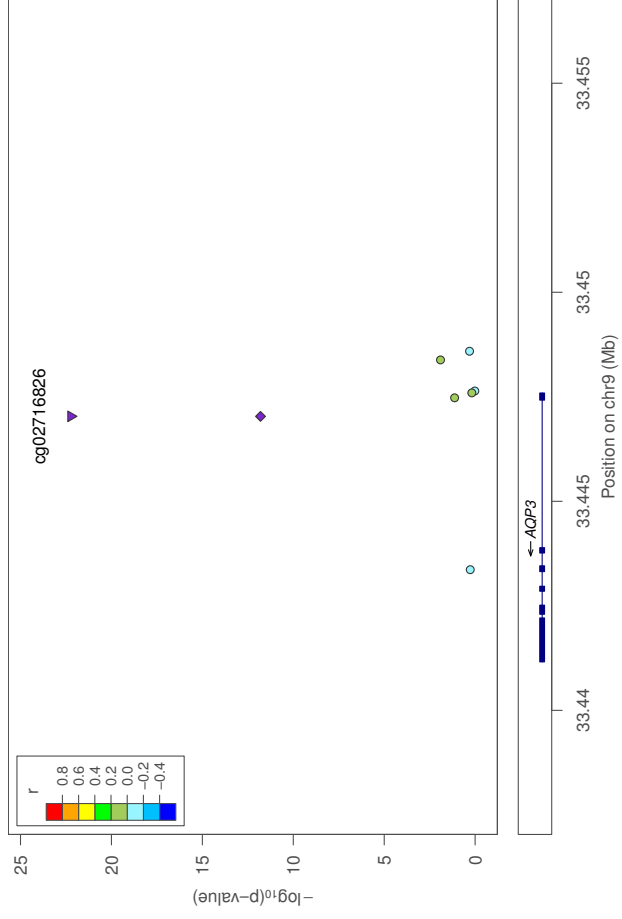
# SLC45A4



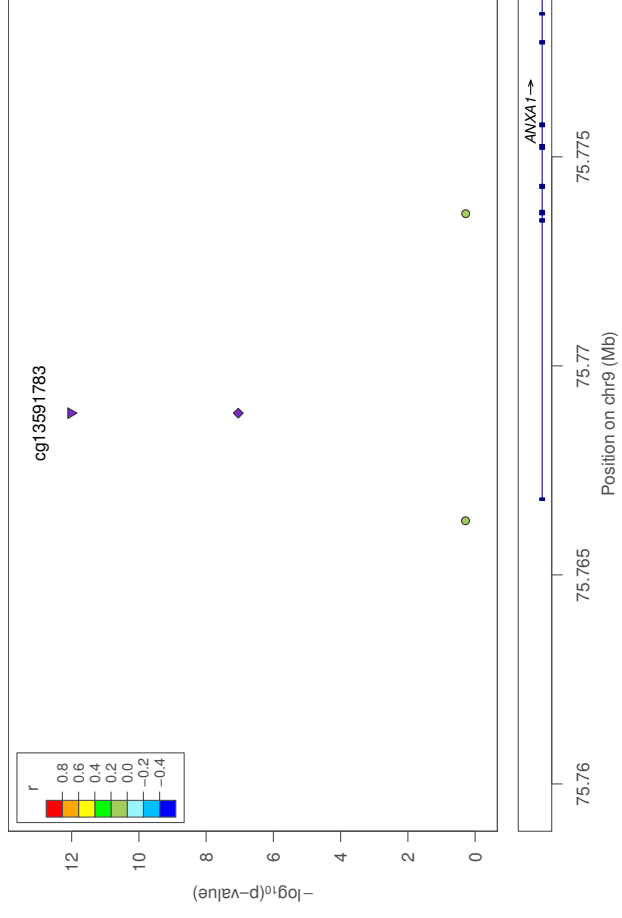
# ZC3H3



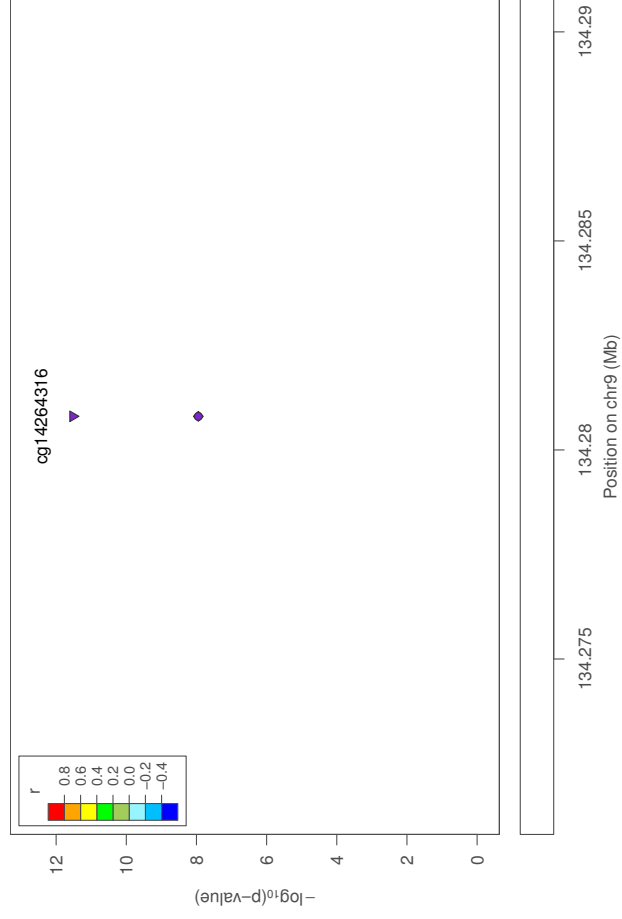
### AQP3



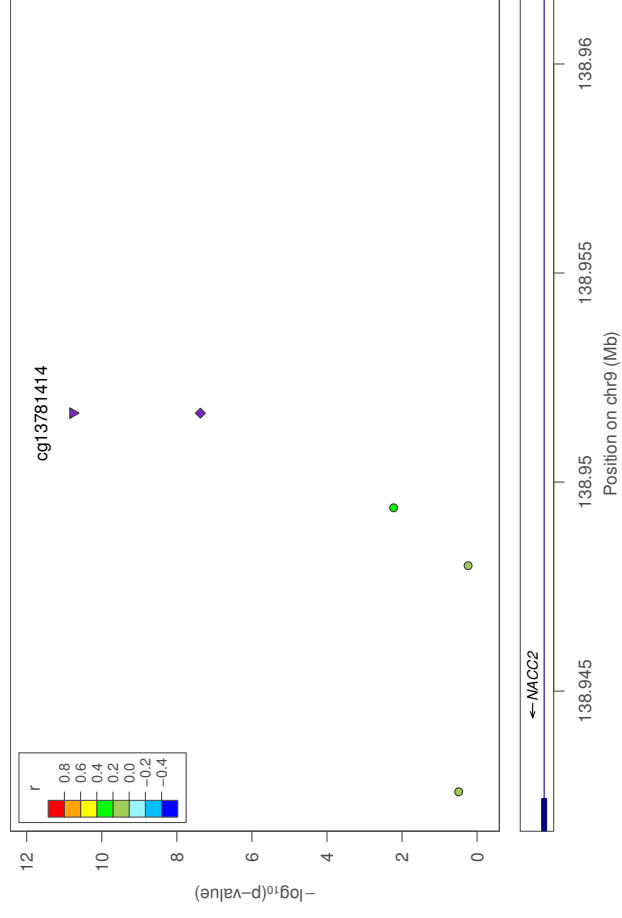
### ANXA1



### PRRC2B

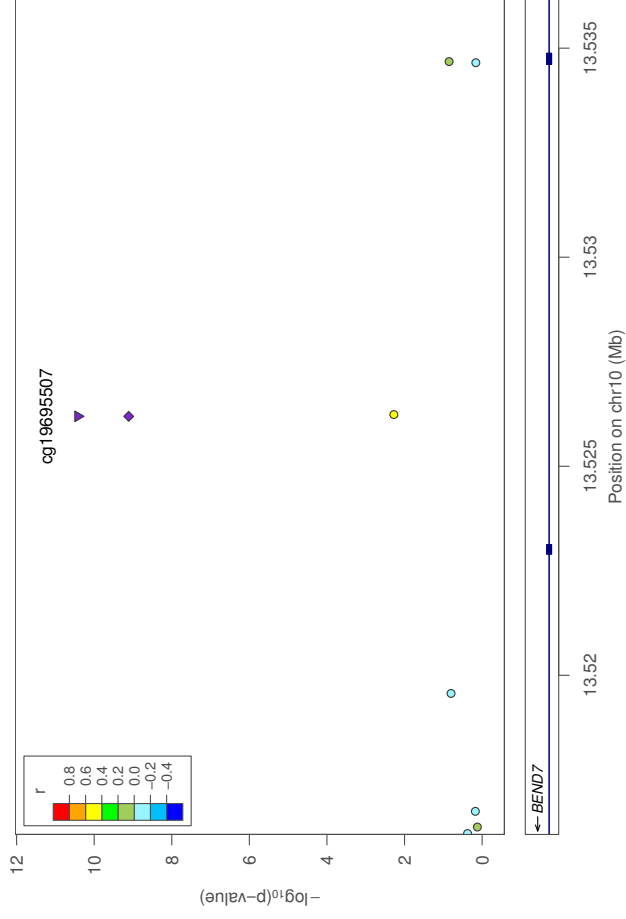


### NACC2

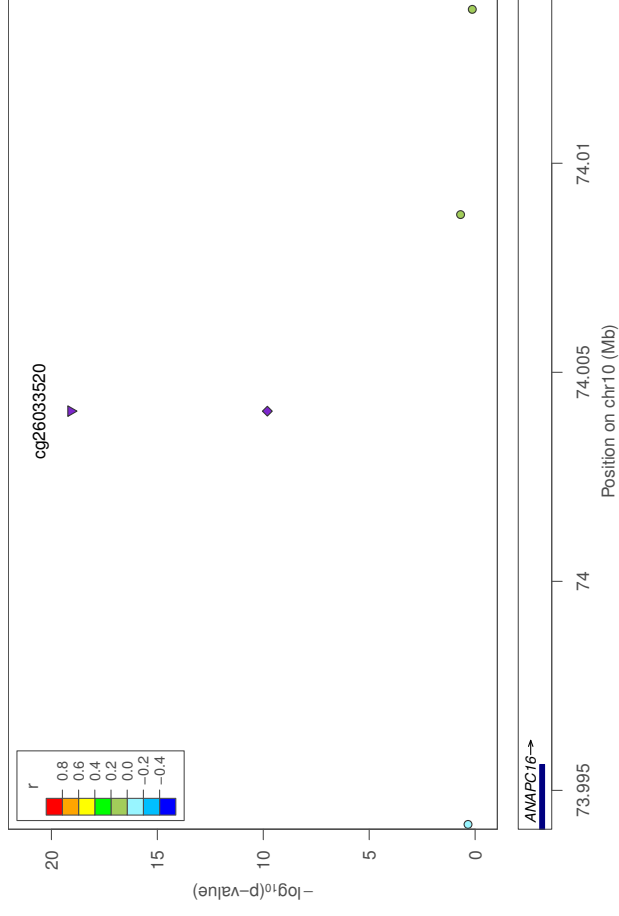




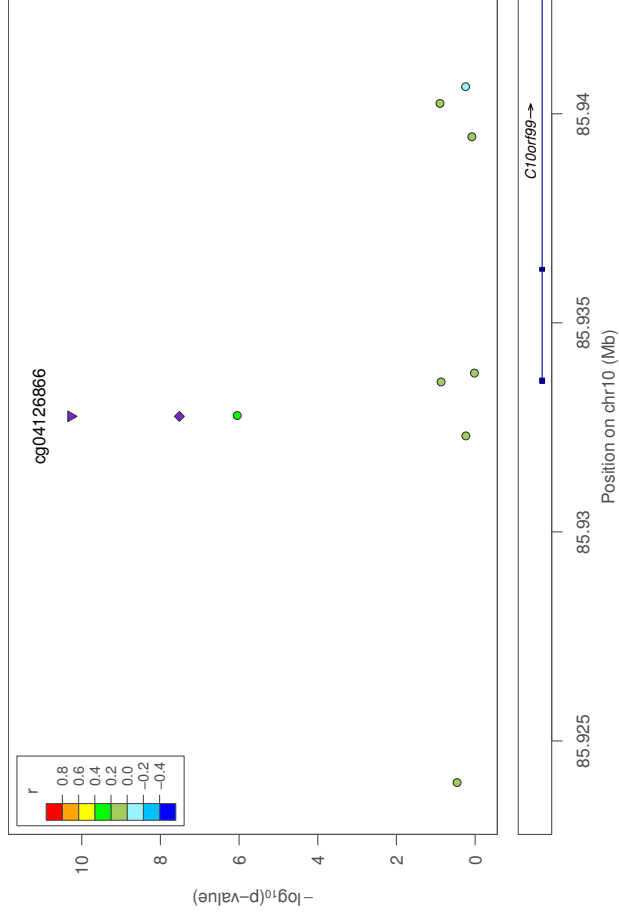
# BEND7



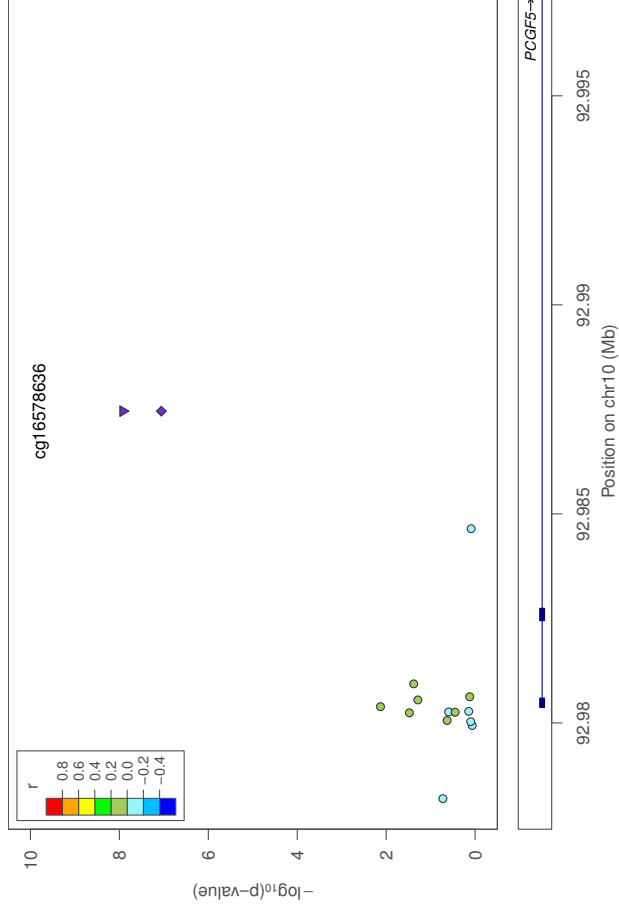
# ANAPC16



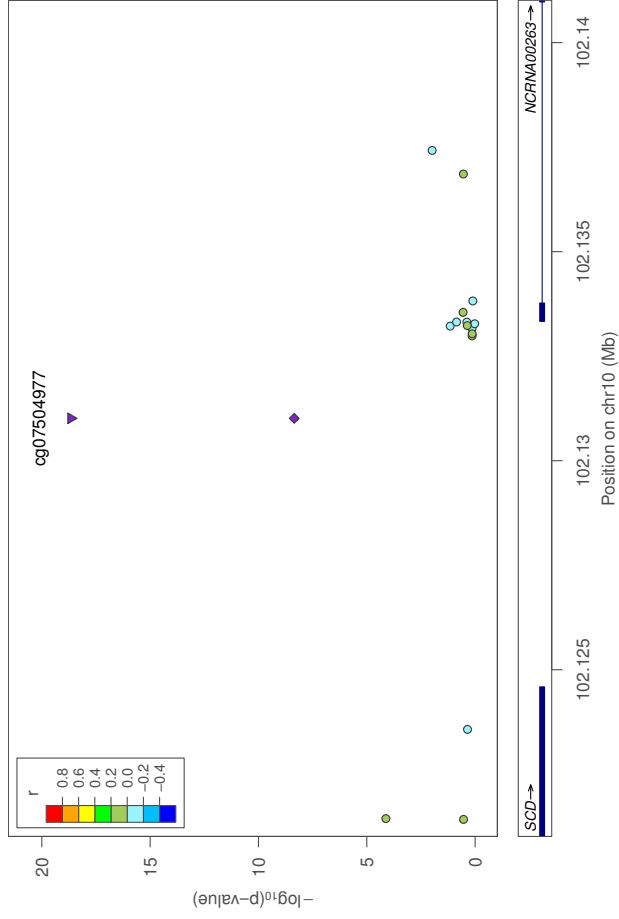
# C10orf99



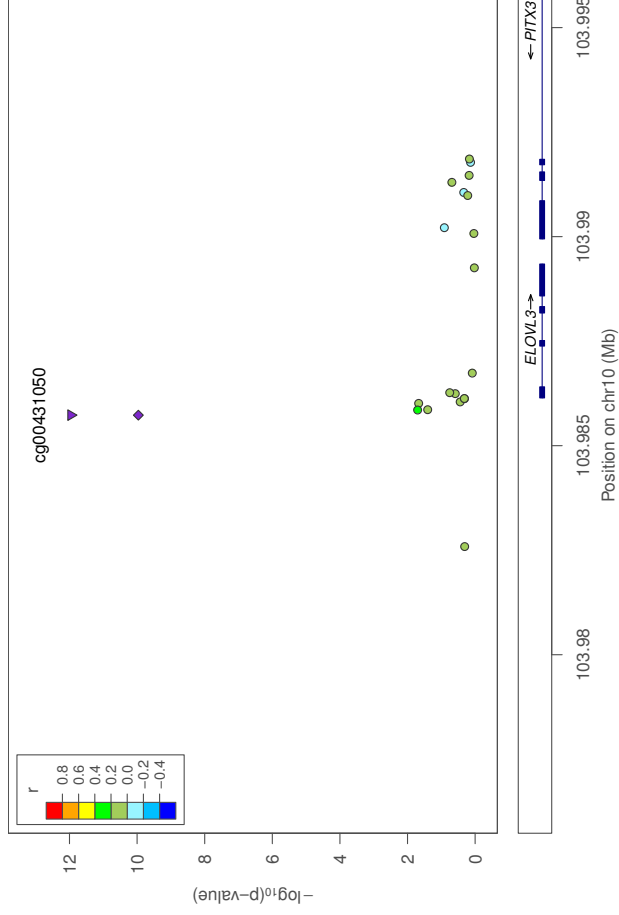
# PCGF5



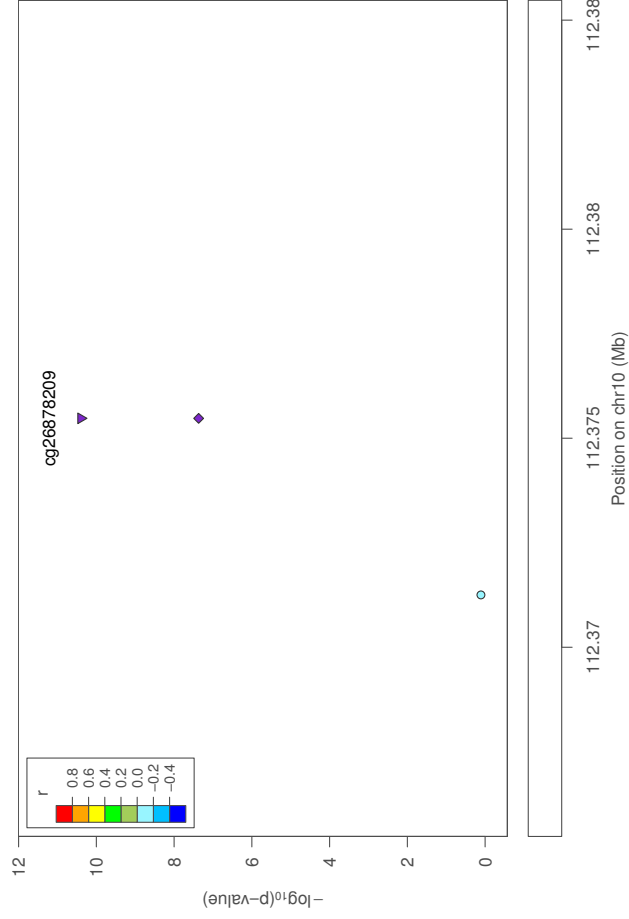
# LINC00263



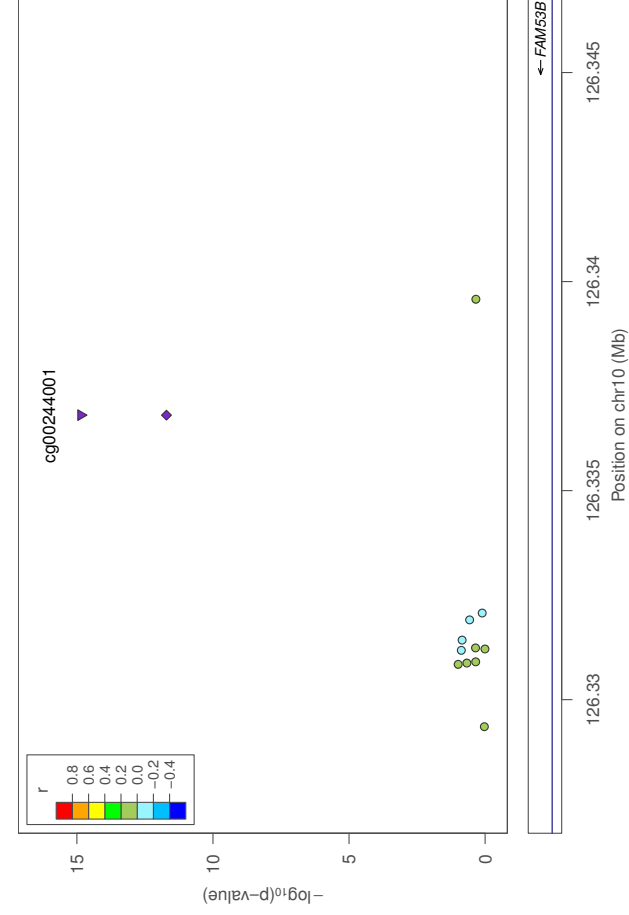
# ELOVL3



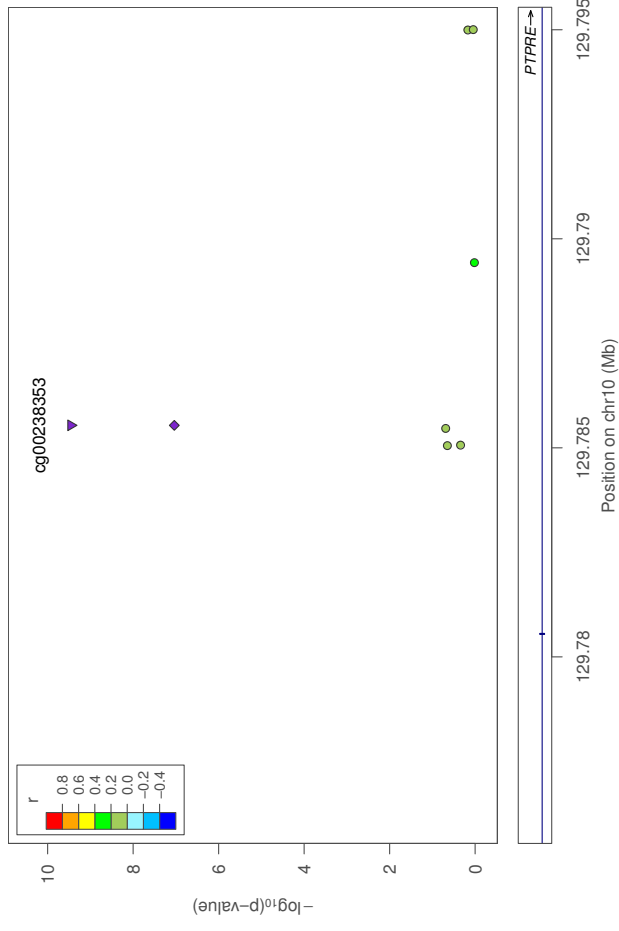
# SMC3



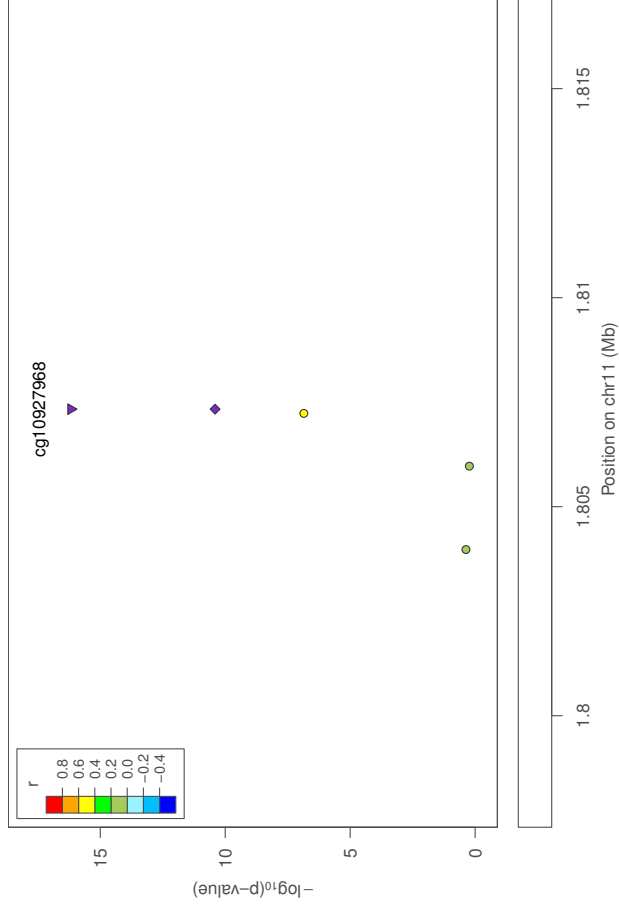
# FAM53B



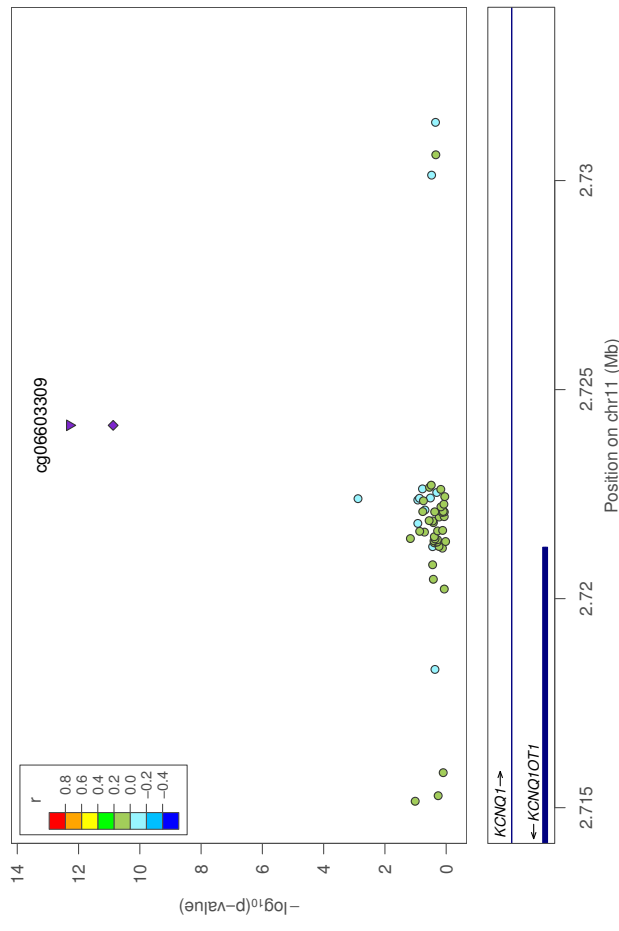
# PTPRE



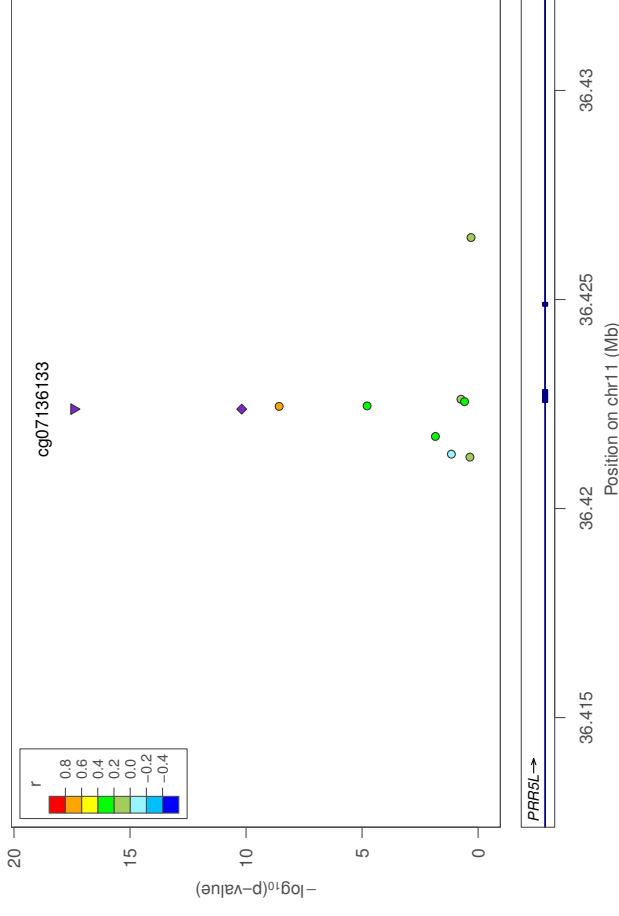
# CTSD



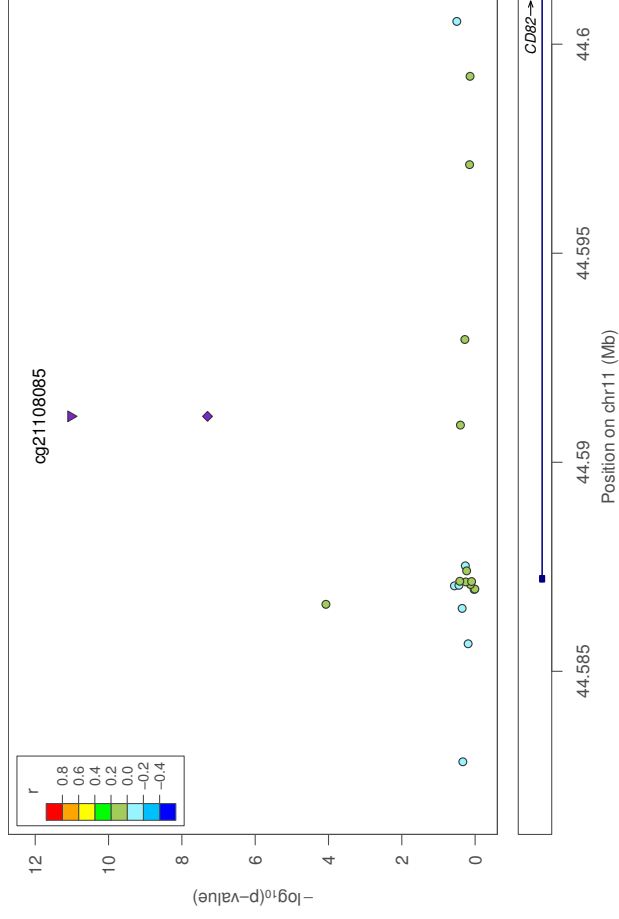
# KCNQ1



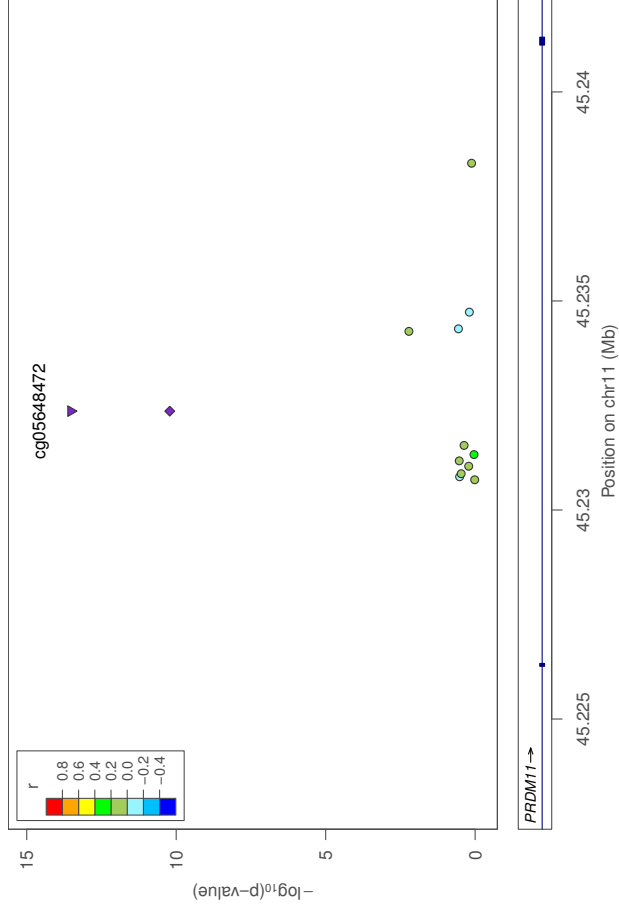
# PRR5L



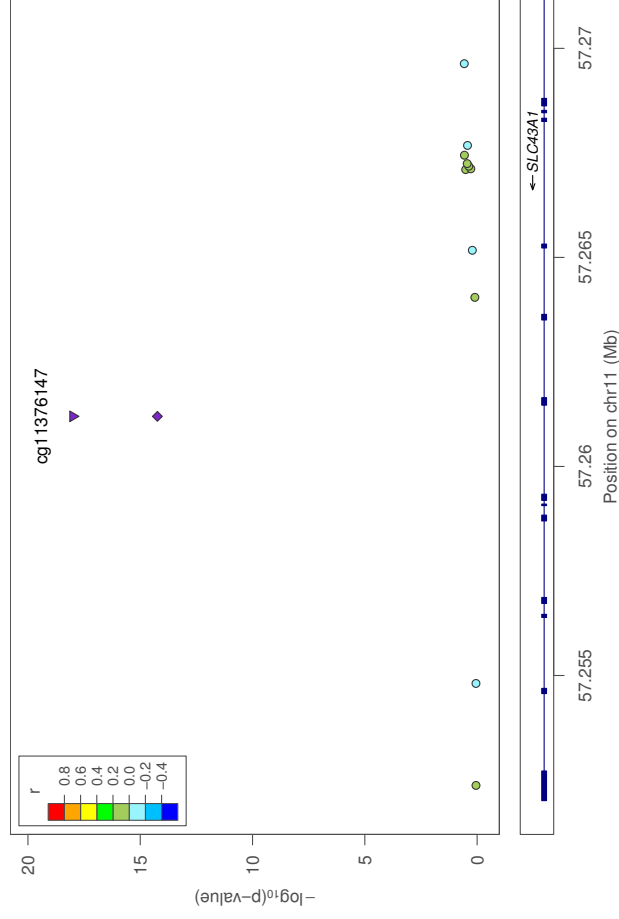
### CD82



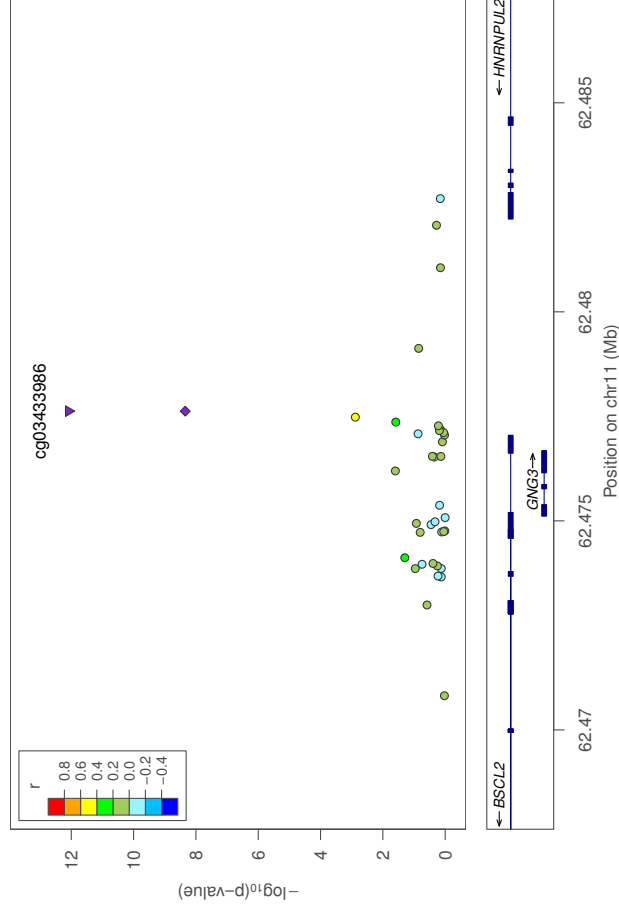
### PRDM11



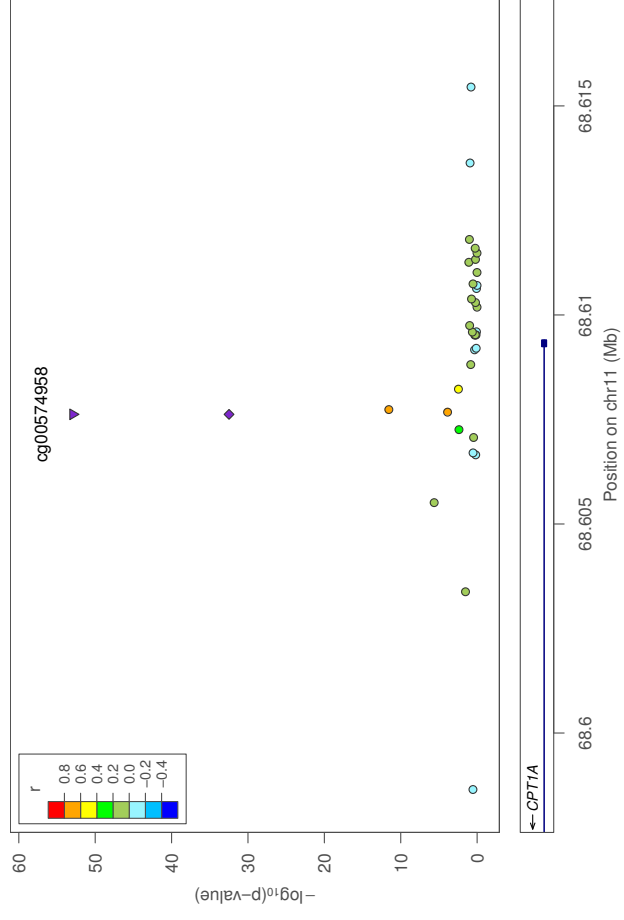
### SLC43A1



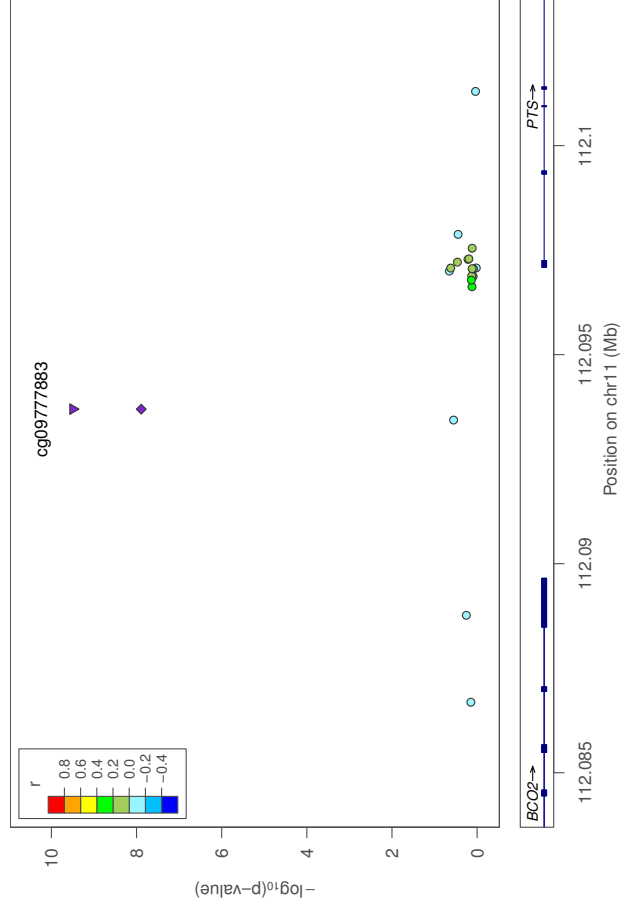
### BSCL2



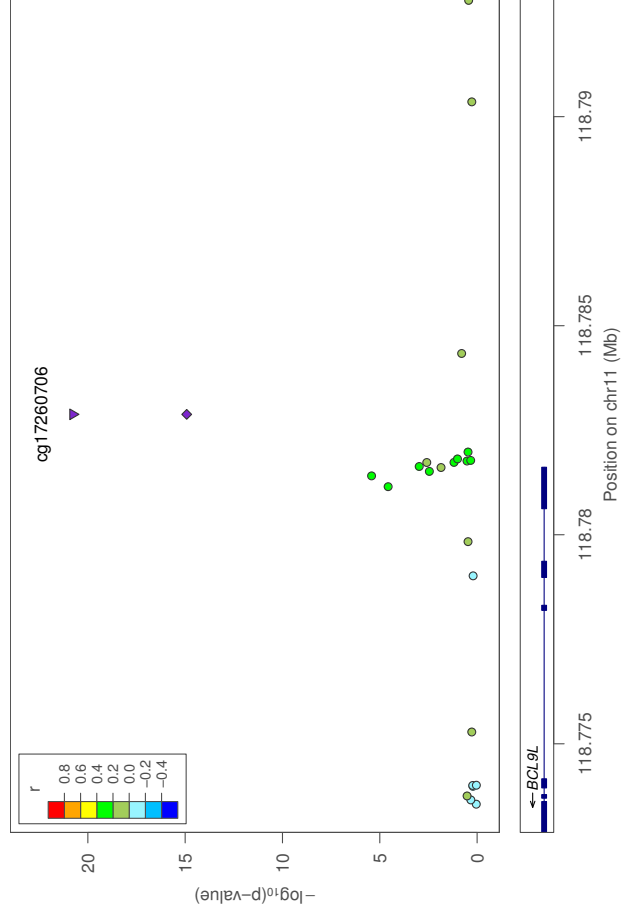
### CPT1A



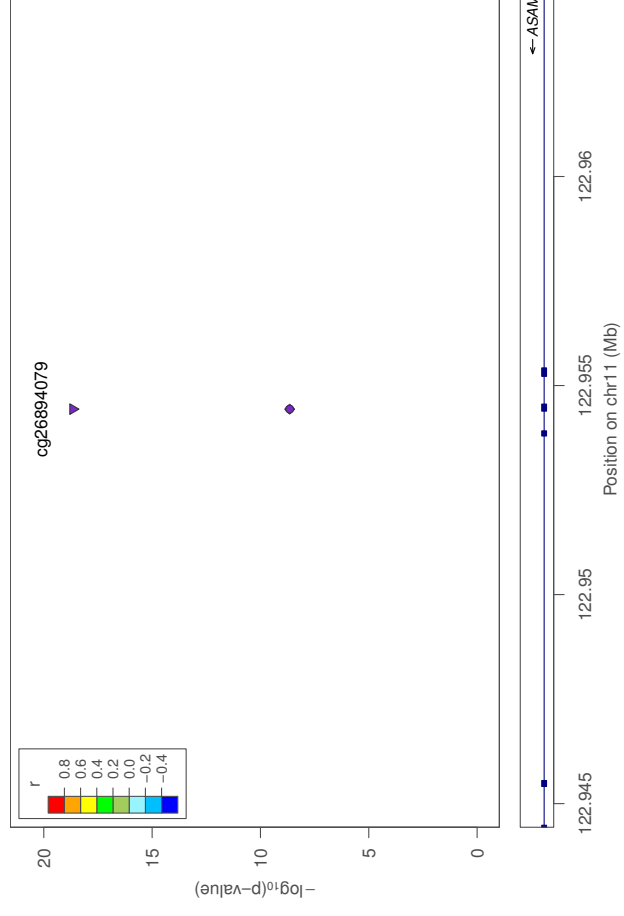
### BCO2



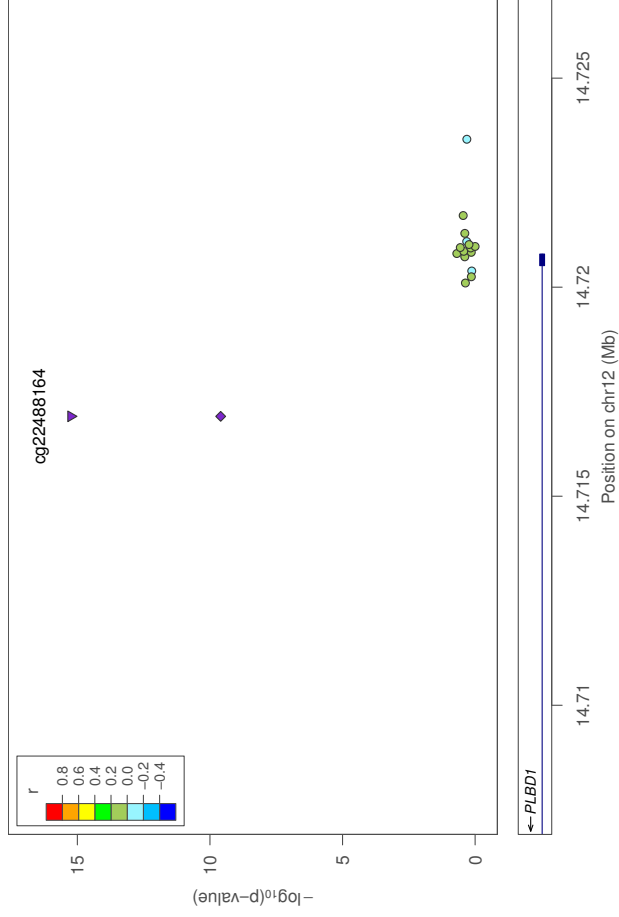
### BCL9L



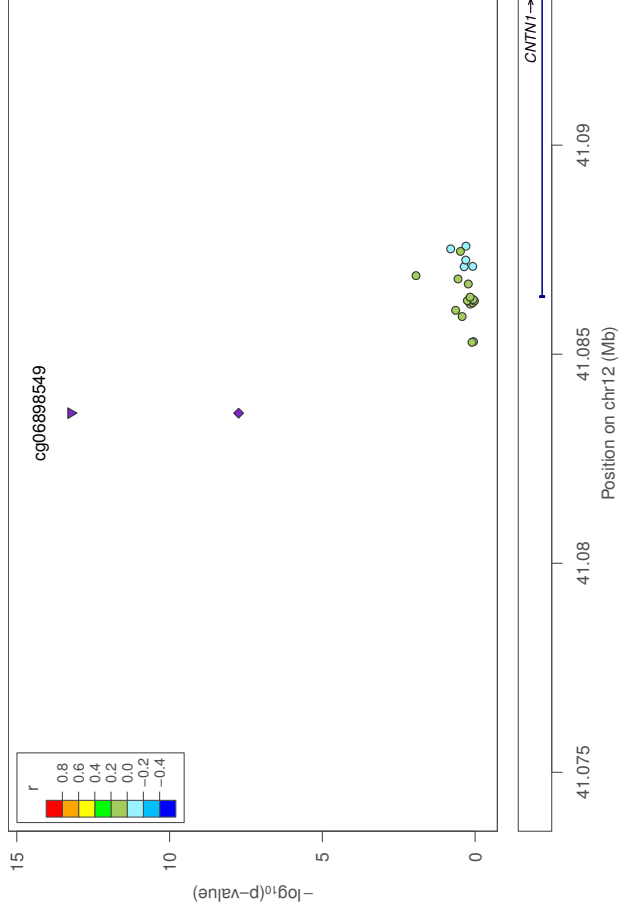
### CLMP



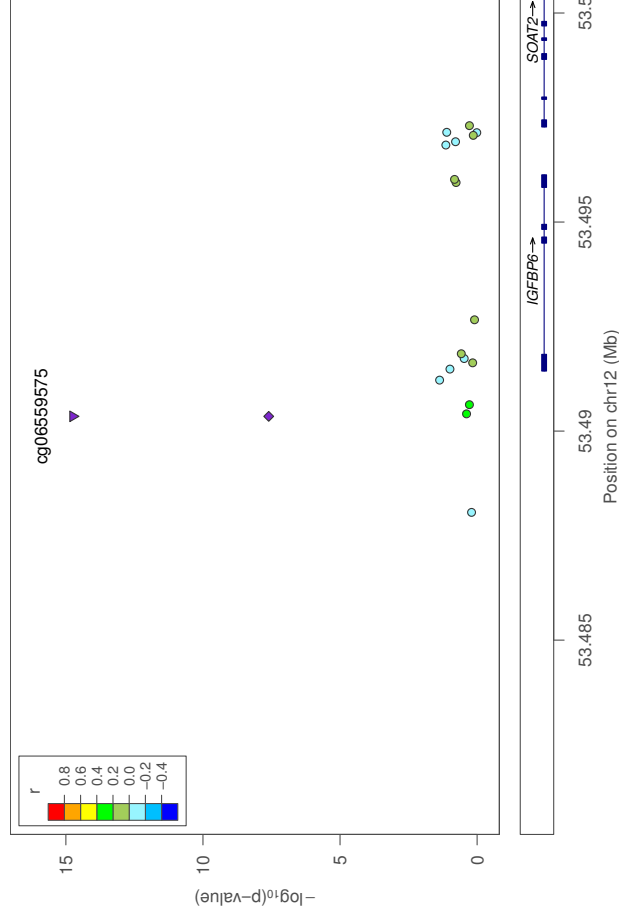
# PLBD1



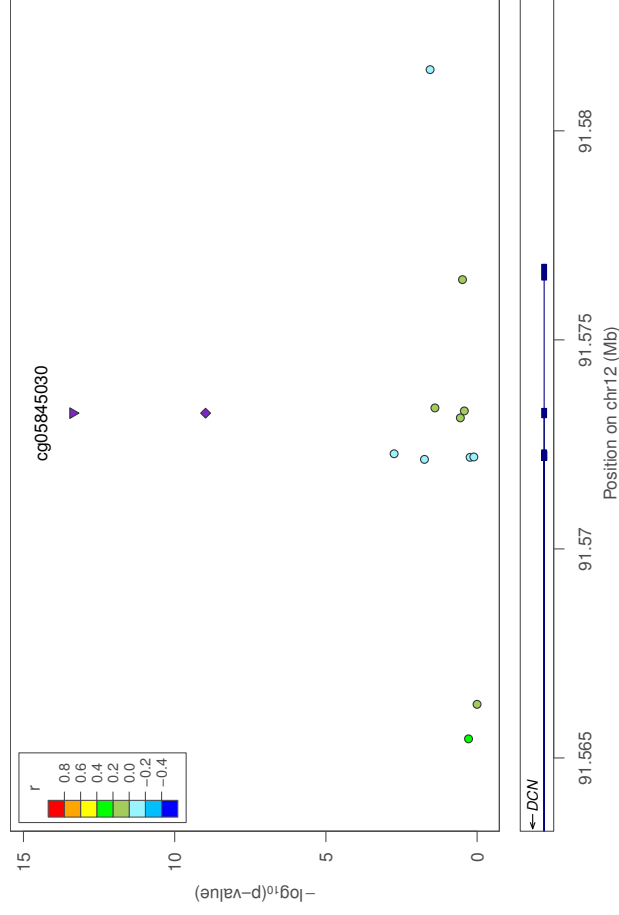
# CNTN1



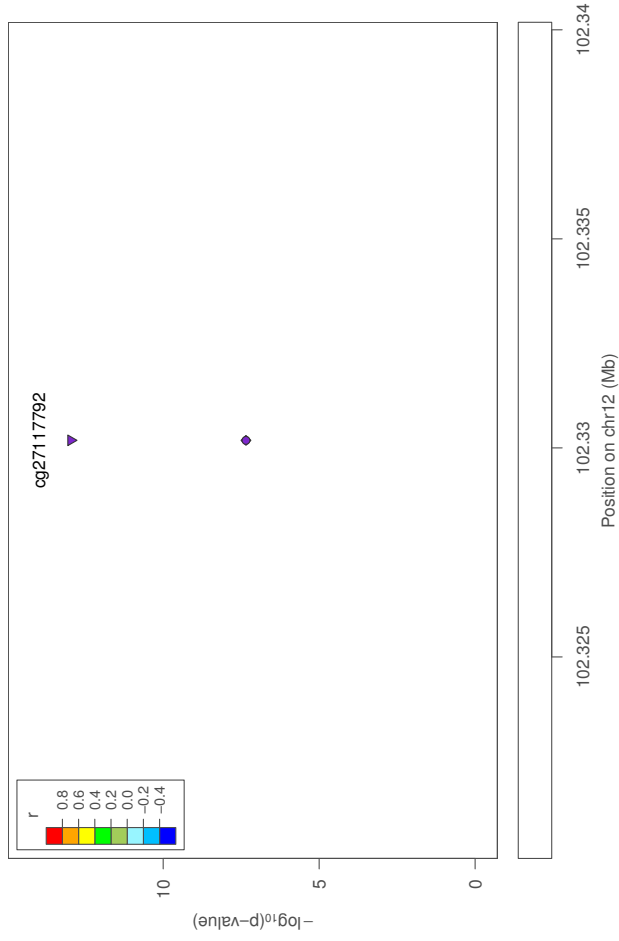
# IGFBP6



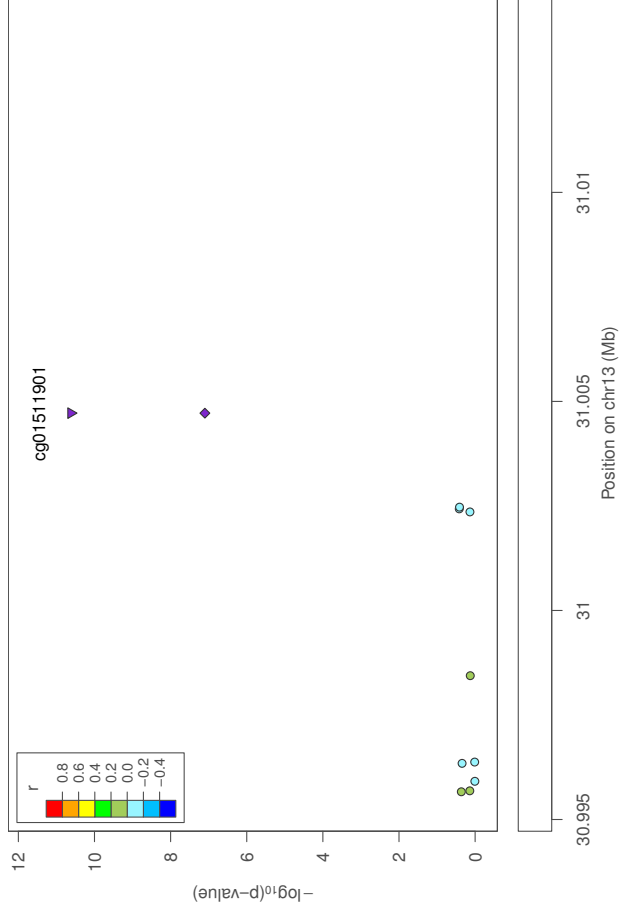
# DCN



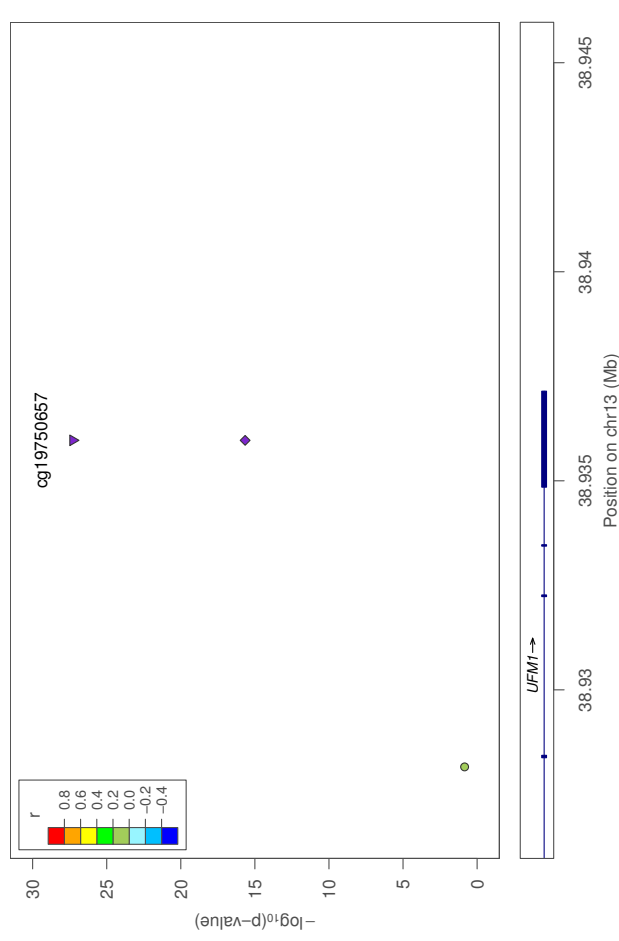
### DRAM1



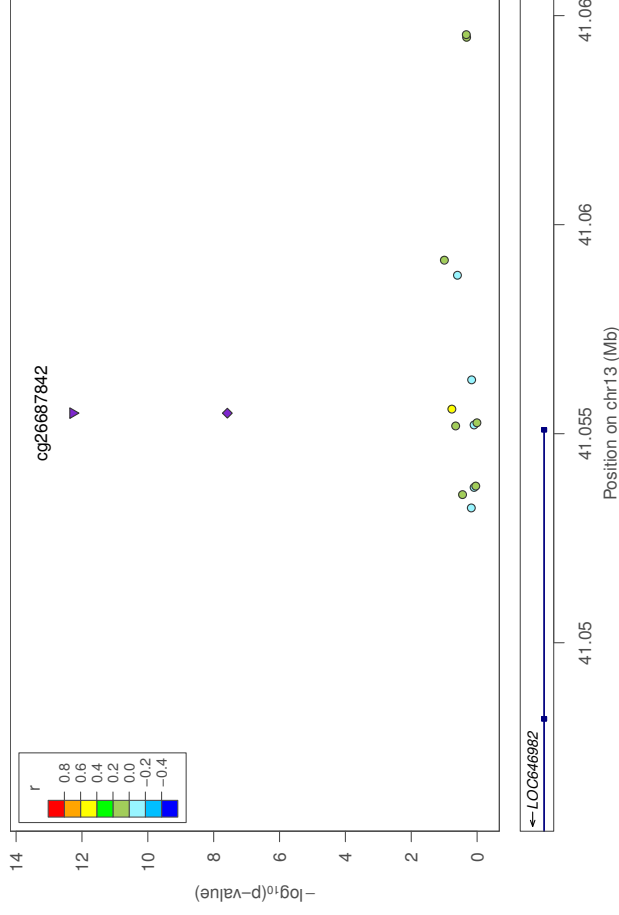
### UBE2L5P



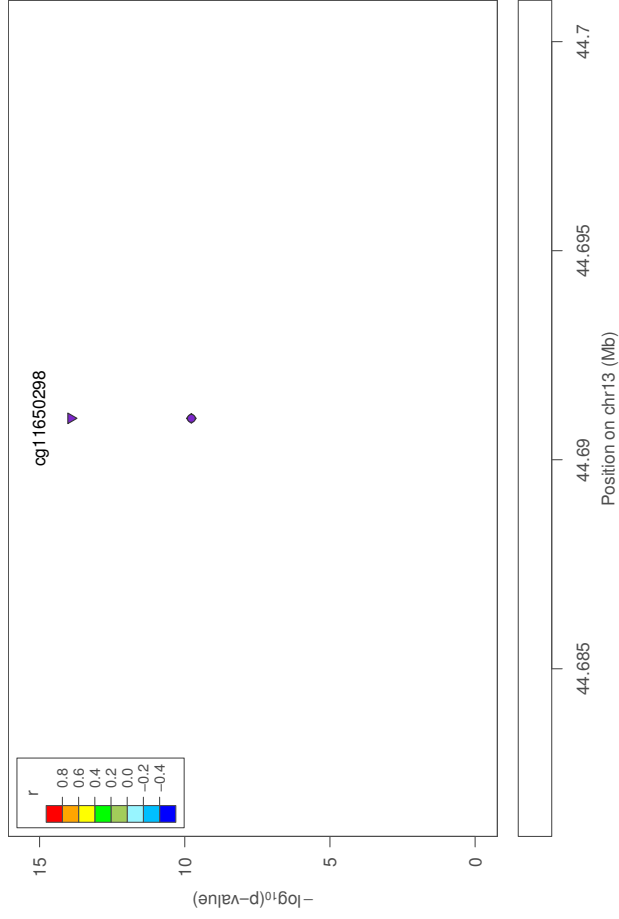
### UFM1



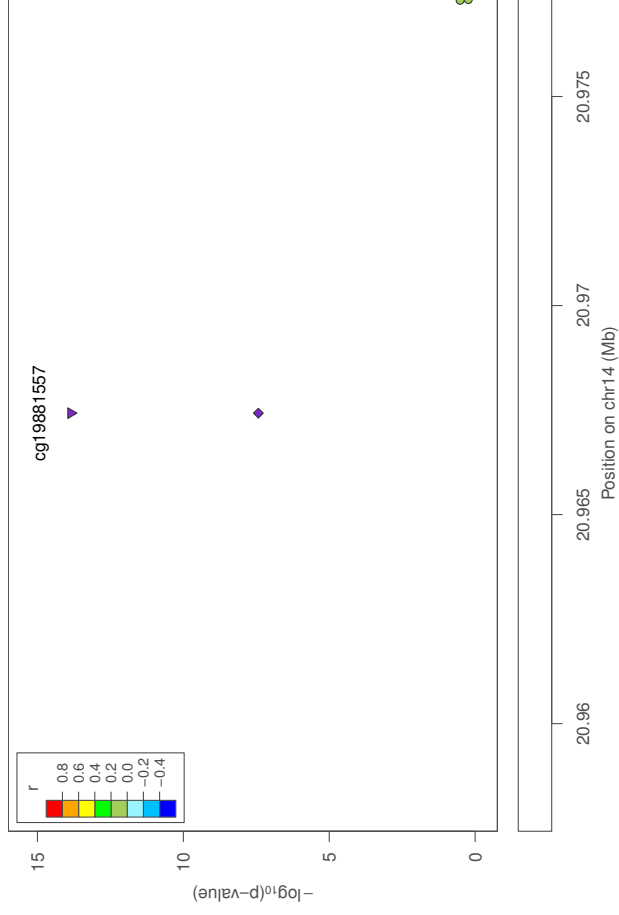
### LINC00598



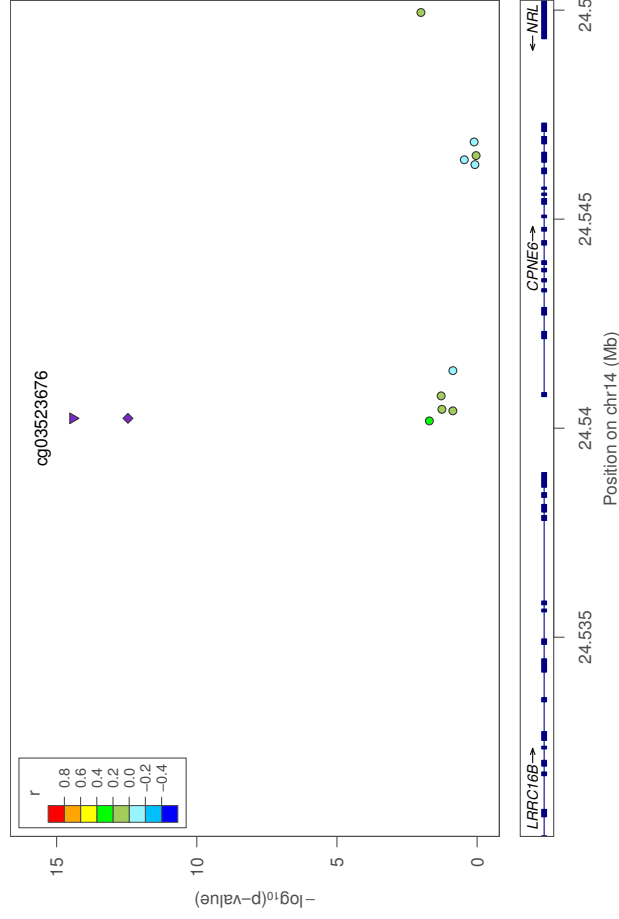
### SMIM2-AS1



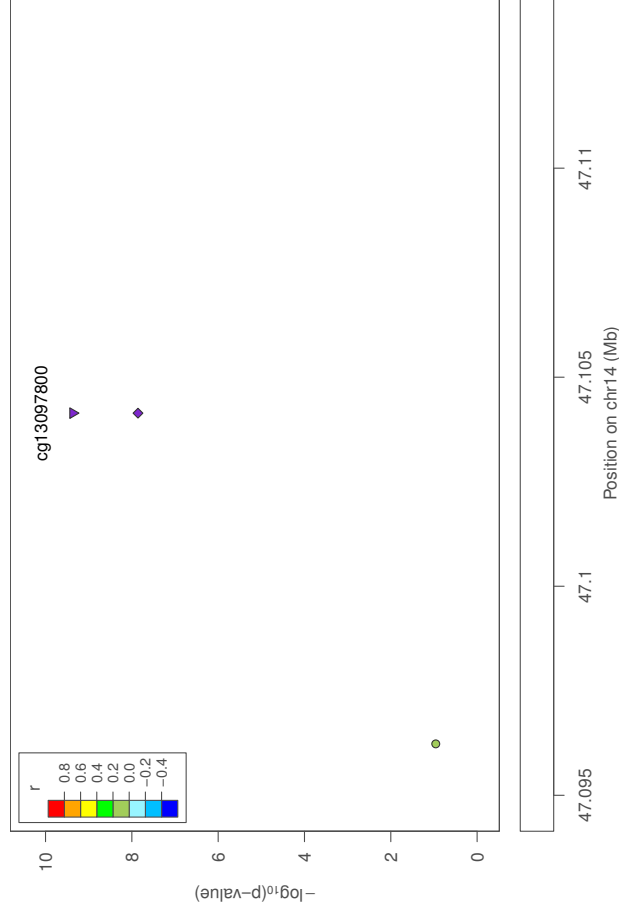
### RNASE10



### CPNE6

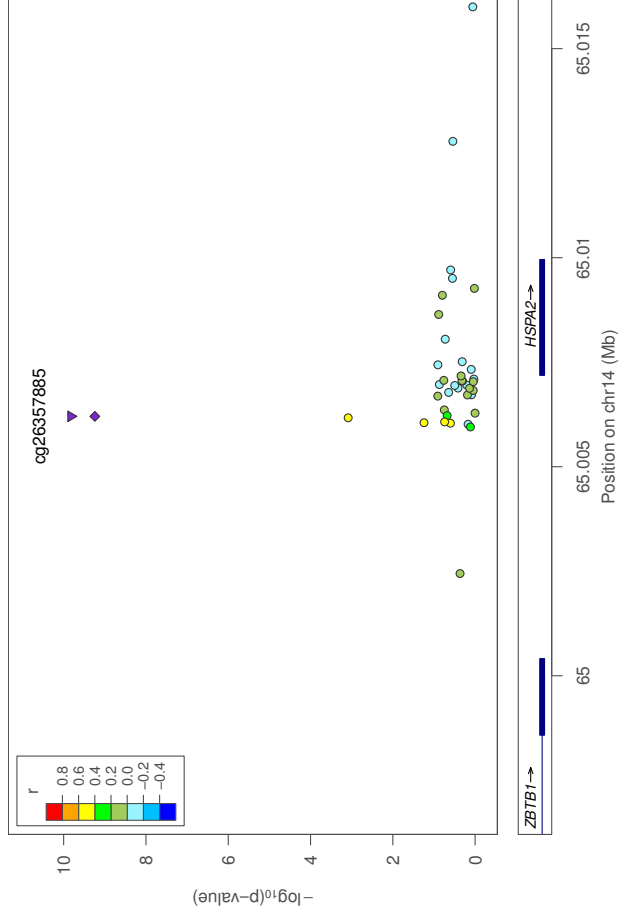


### RPL10L

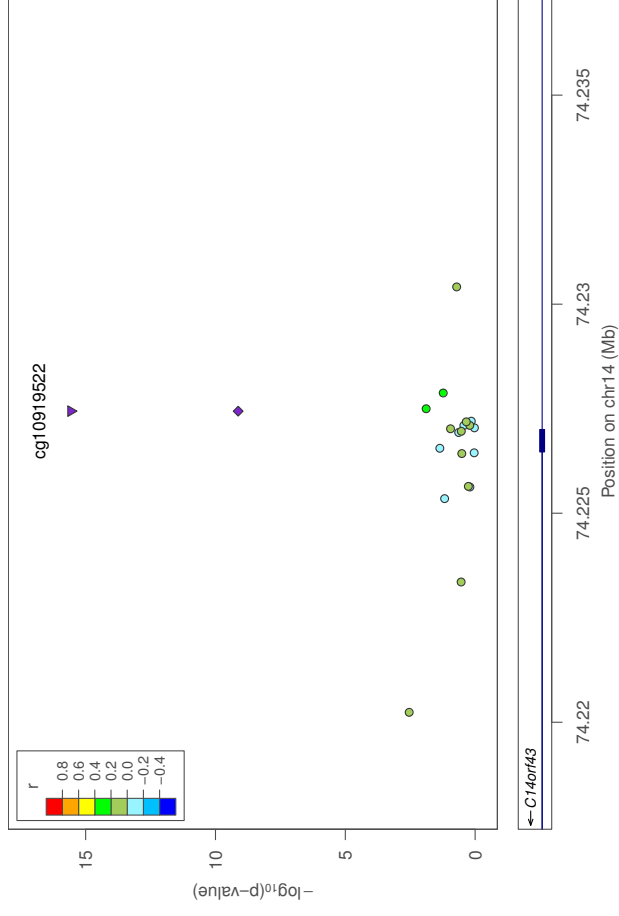




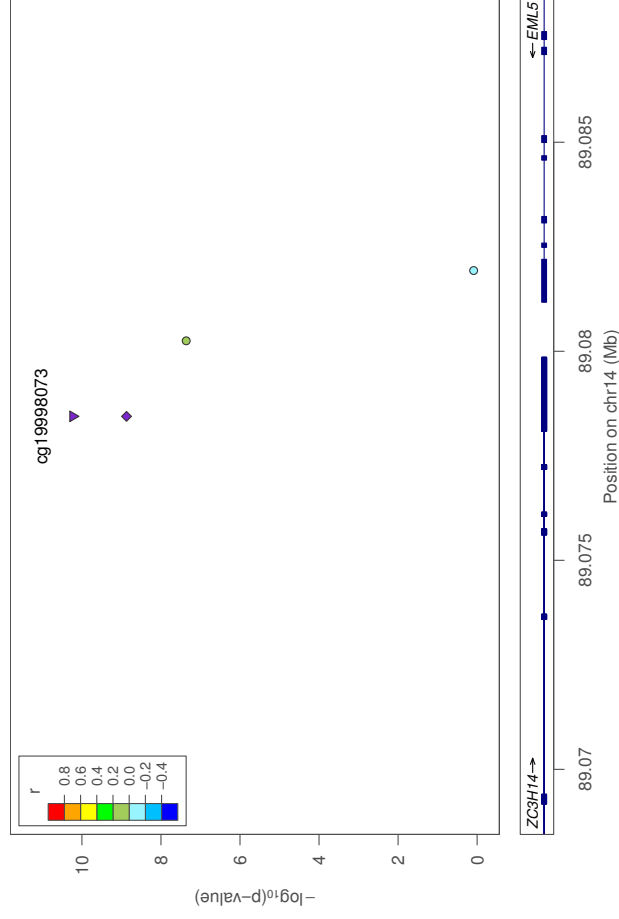
## HSPA2



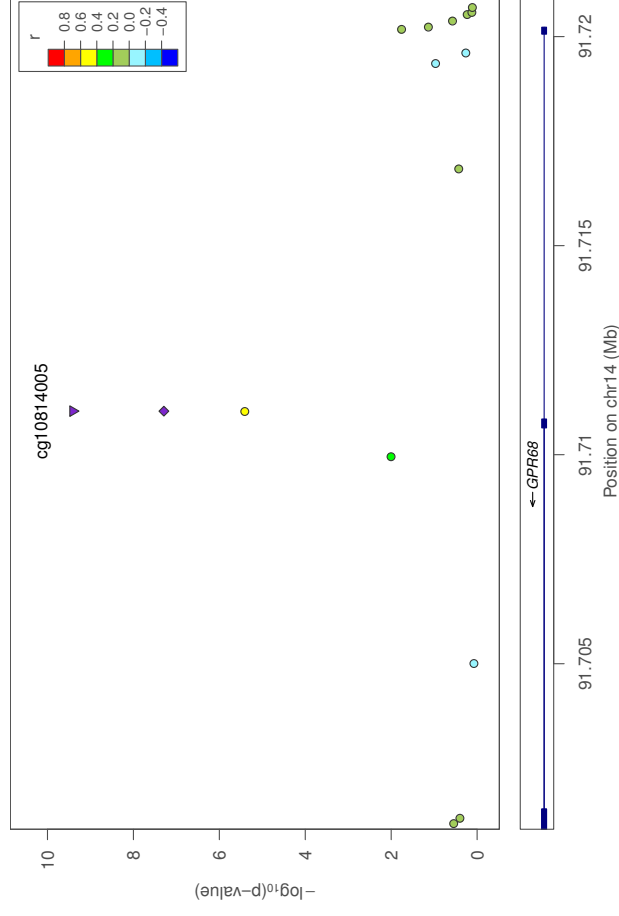
## ELMSAN1



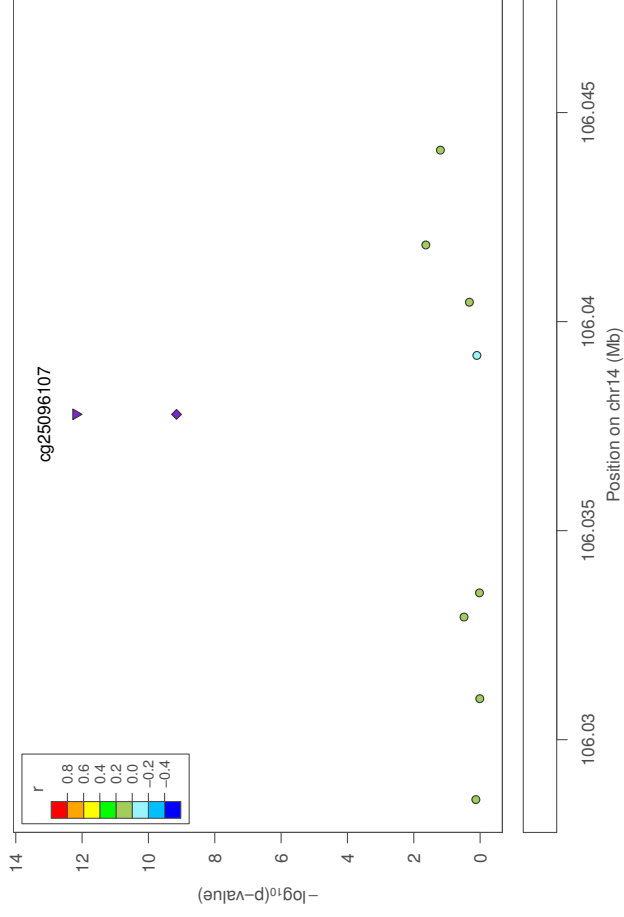
## ZC3H14



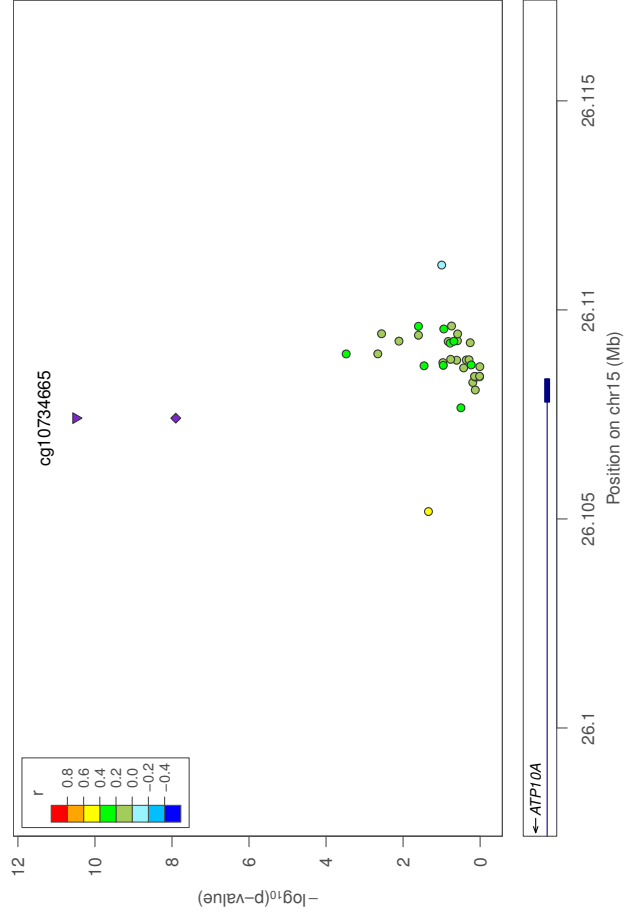
## GPR68



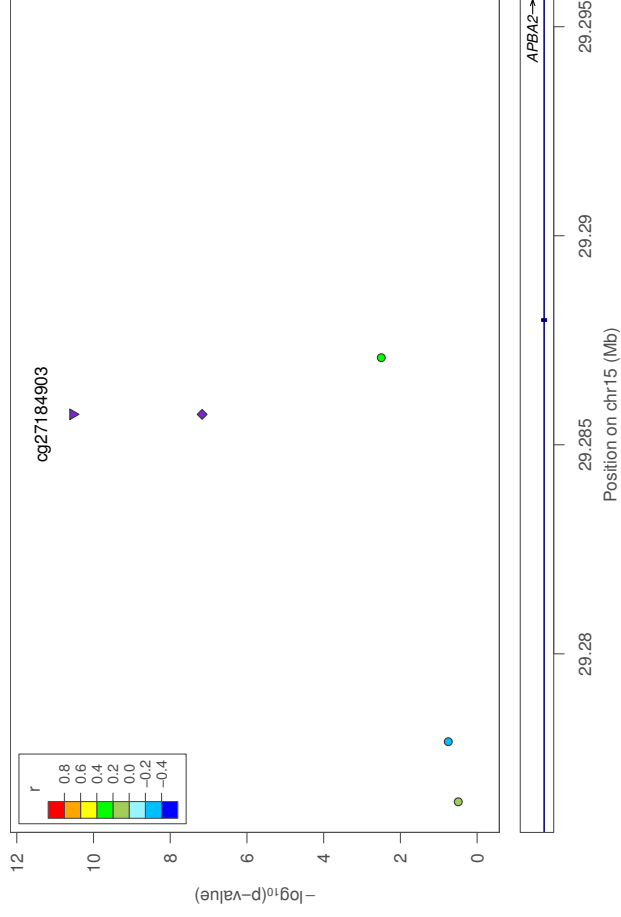
# IGHA2



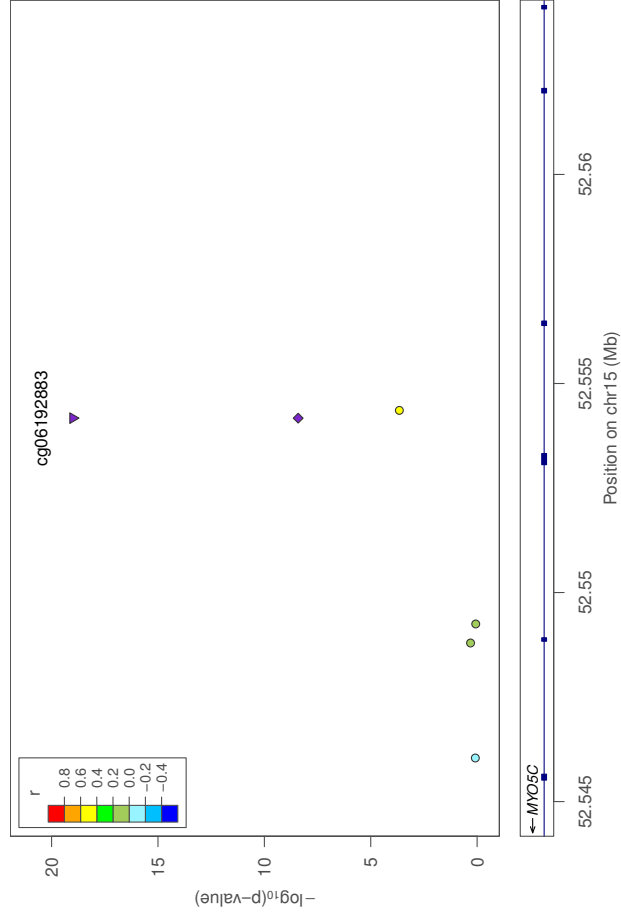
# ATP10A



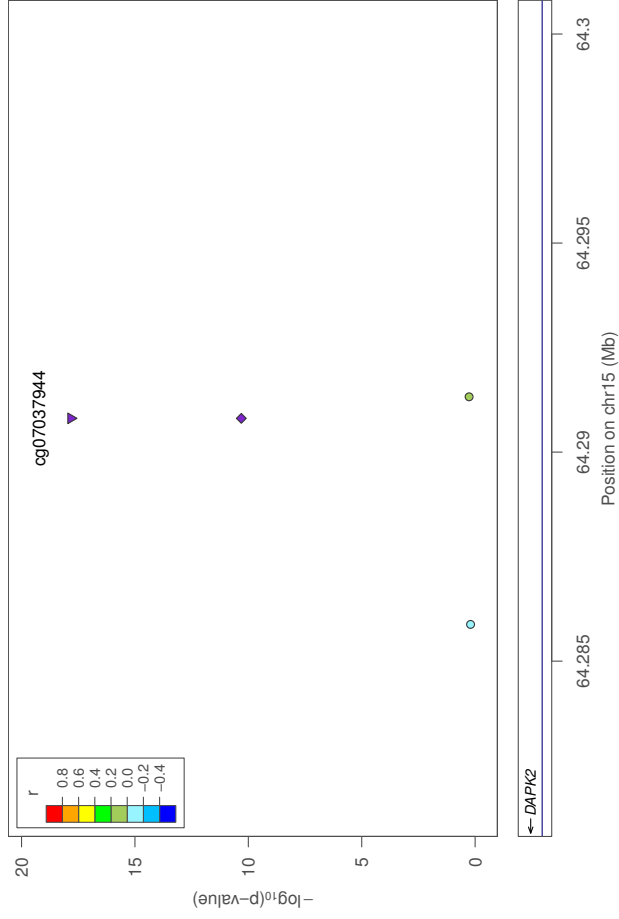
# APBA2



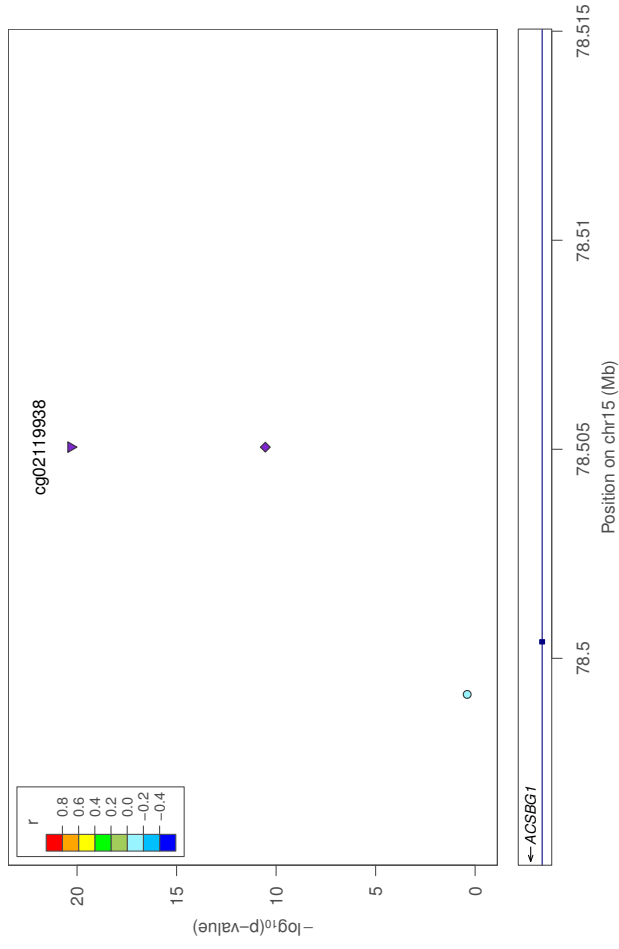
# MYO5C



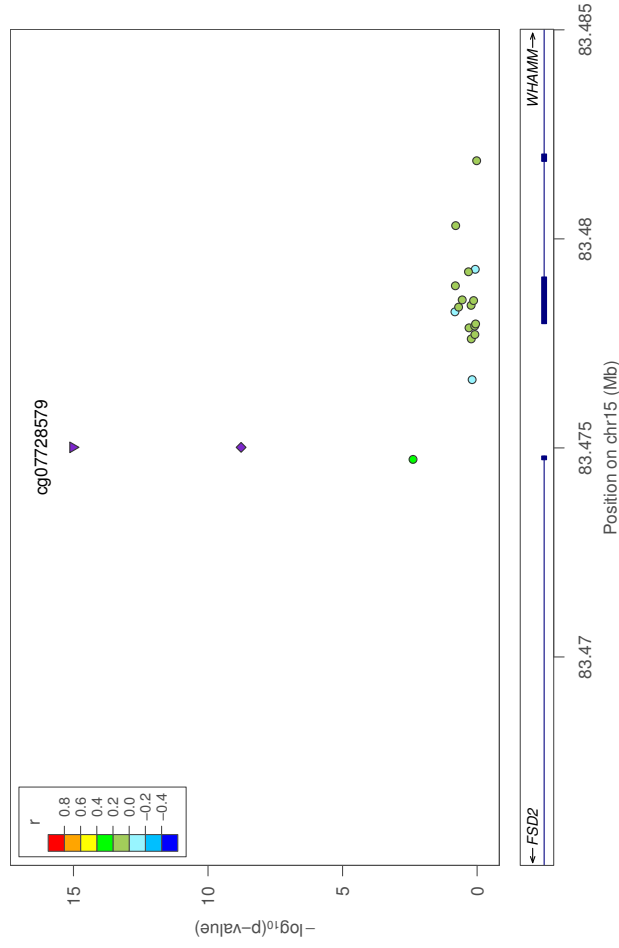
## DAPK2



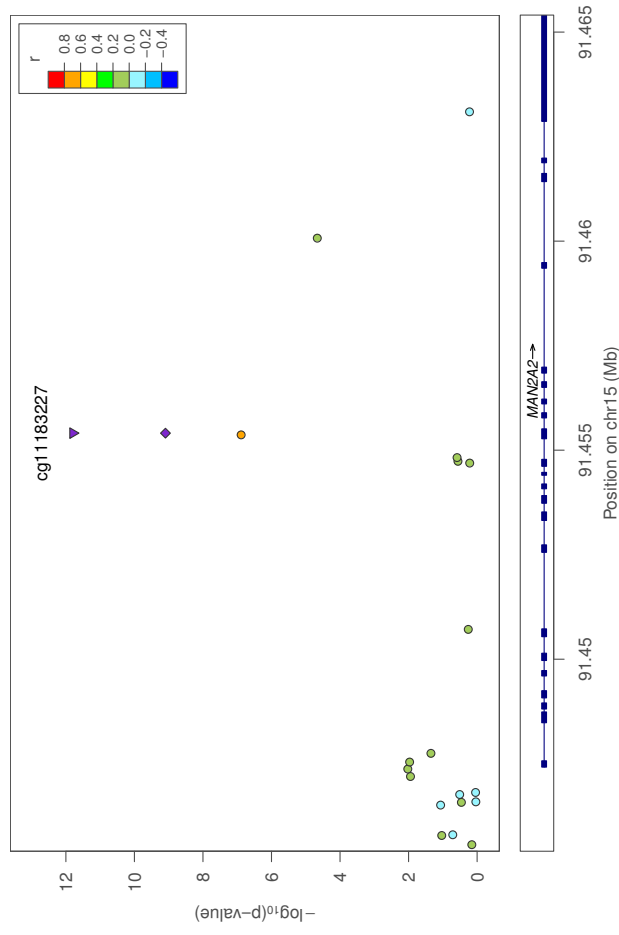
## ACSBG1



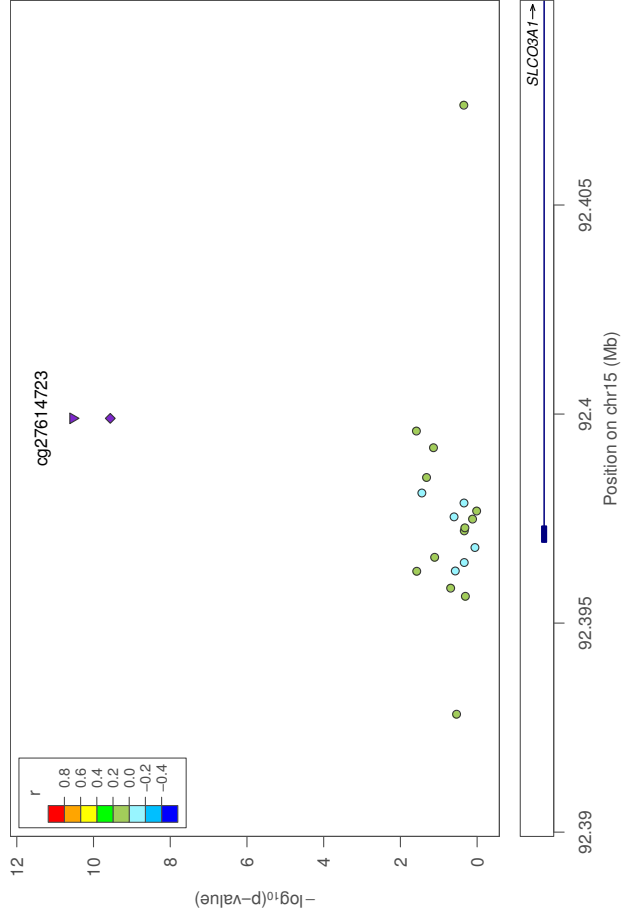
## FSD2



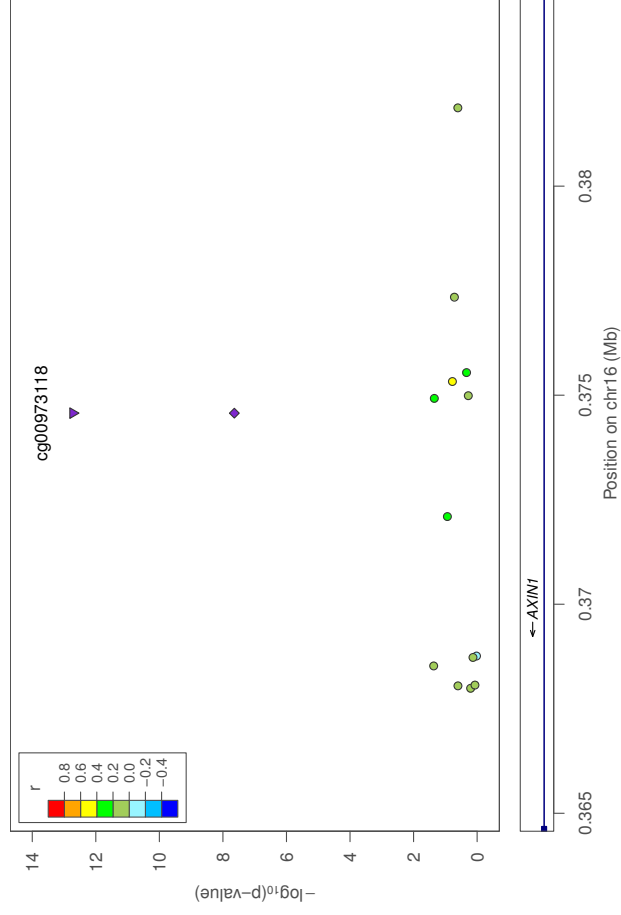
## MAN2A2



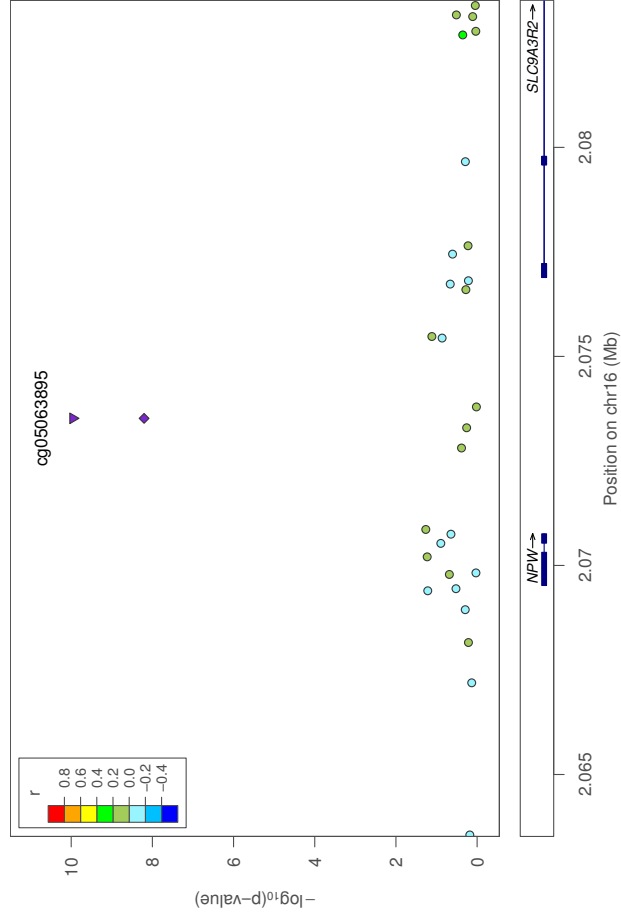
# SLCO3A1



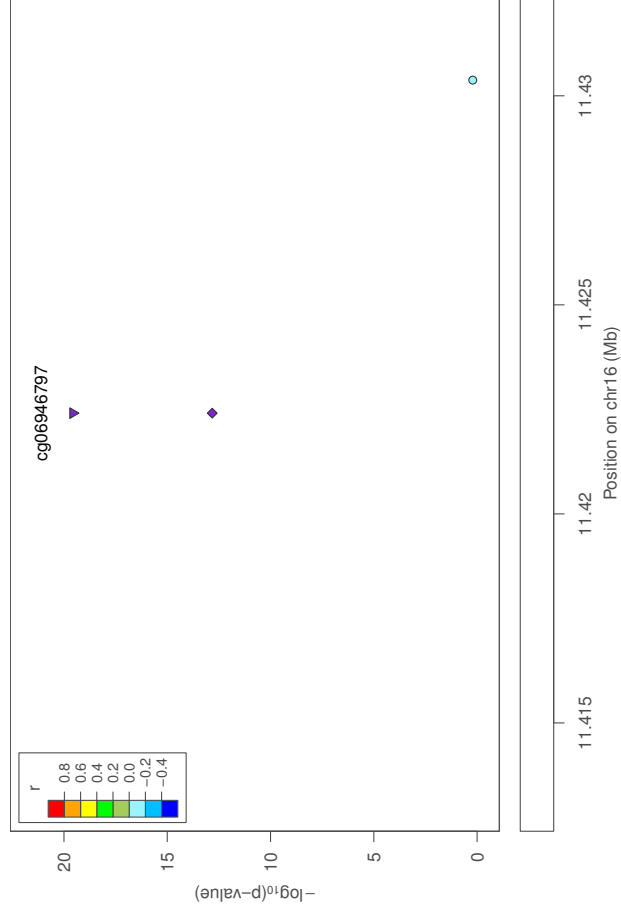
# AXIN1



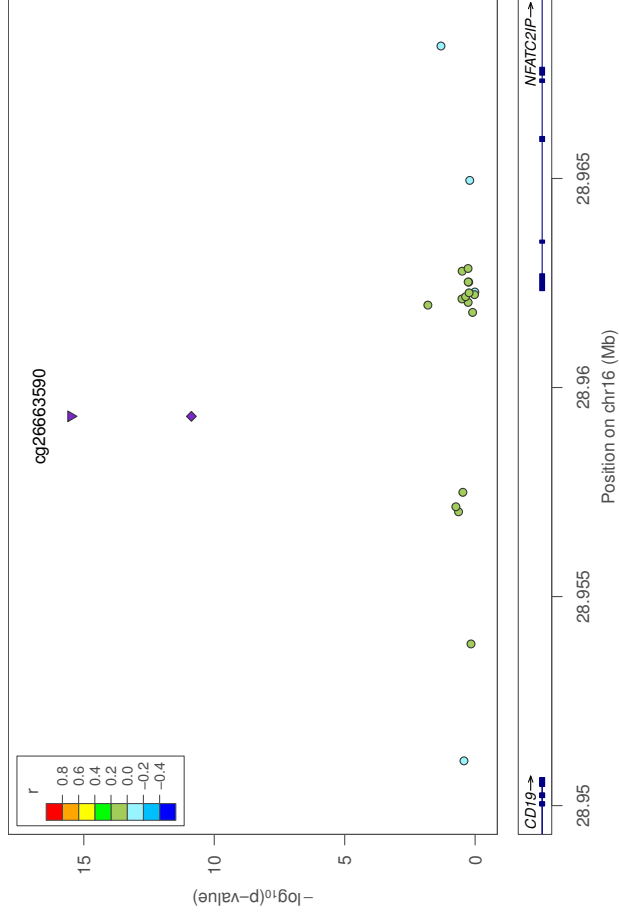
# SLC9A3R2



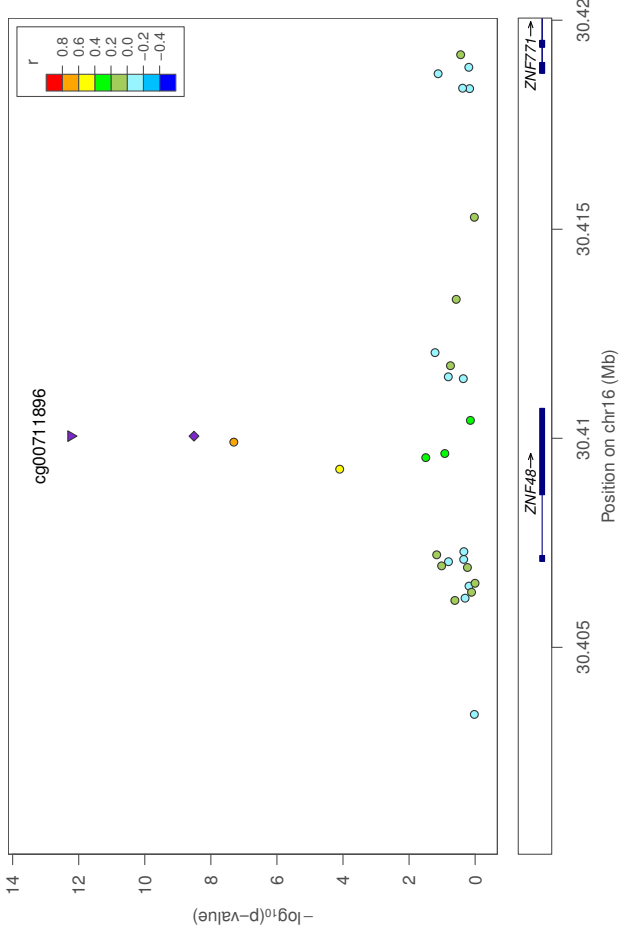
# RMI2



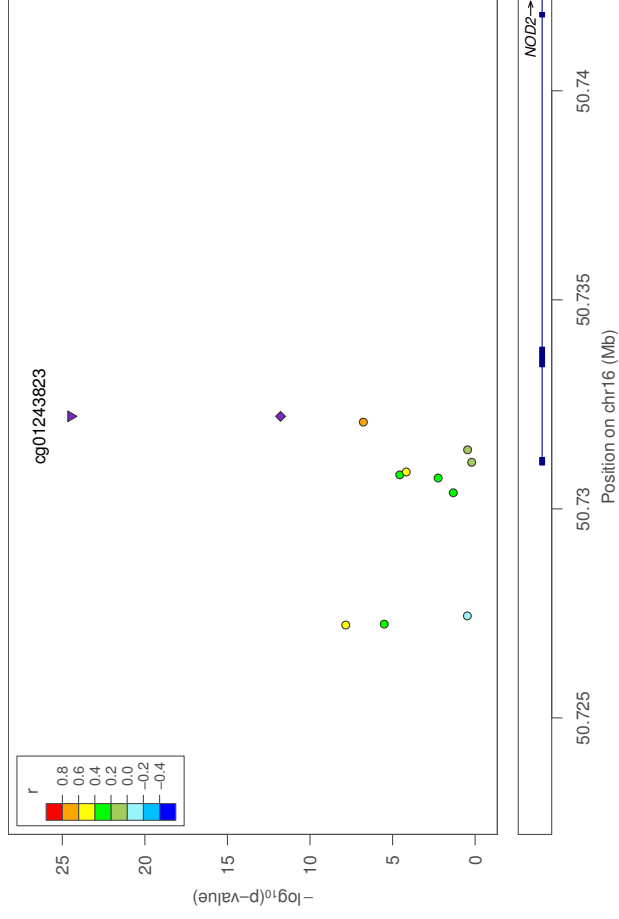
### NFATC2IP



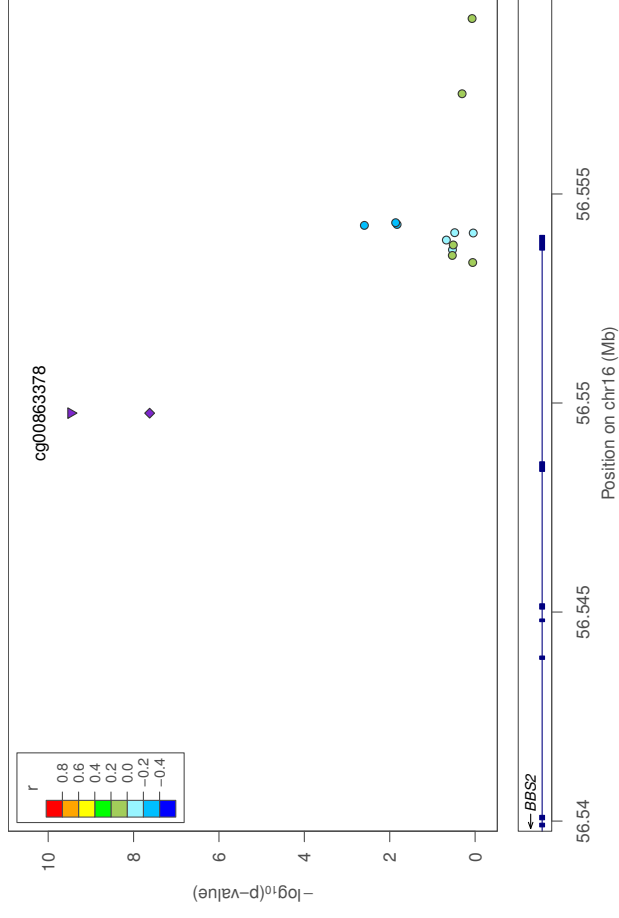
### ZNF48



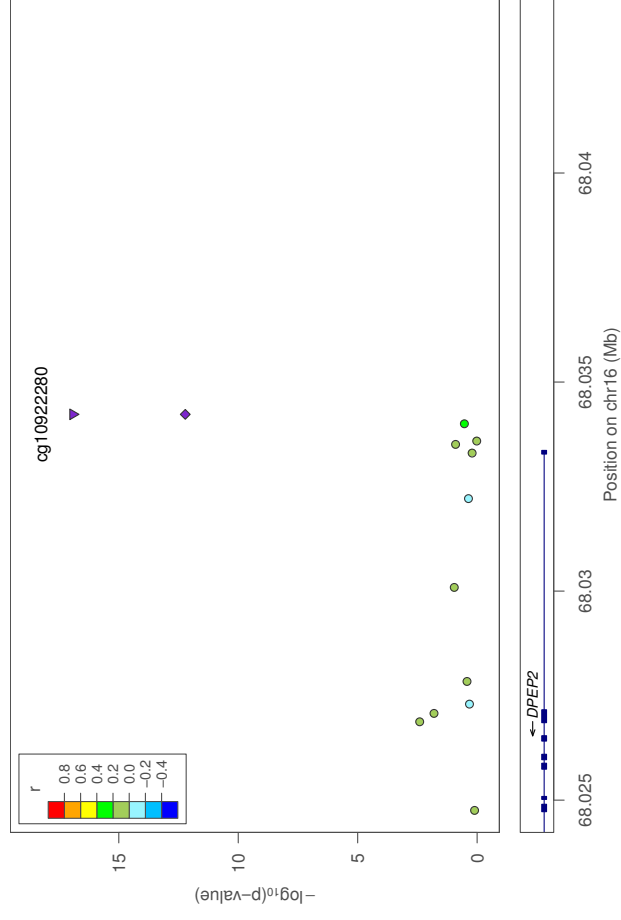
### NOD2



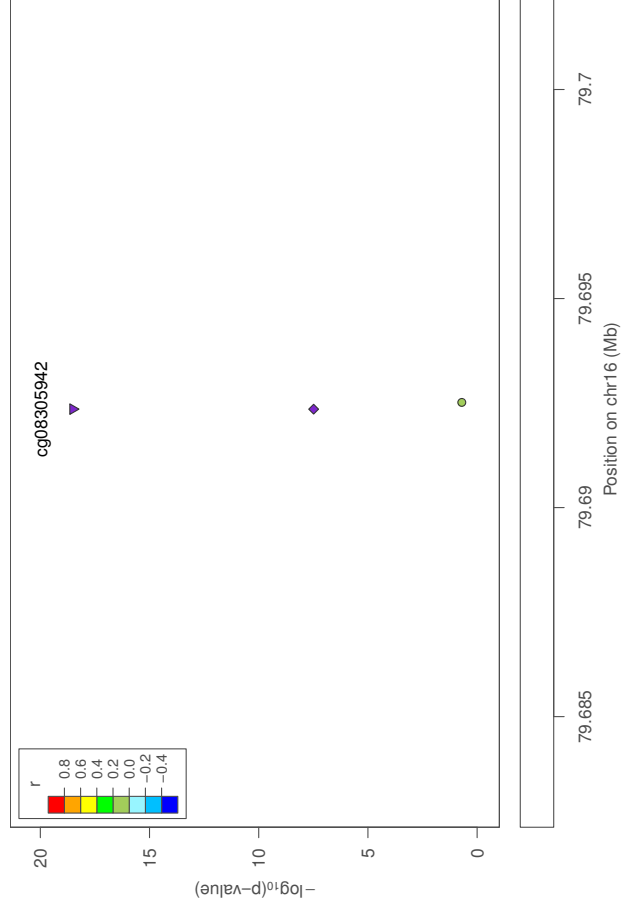
### BBS2



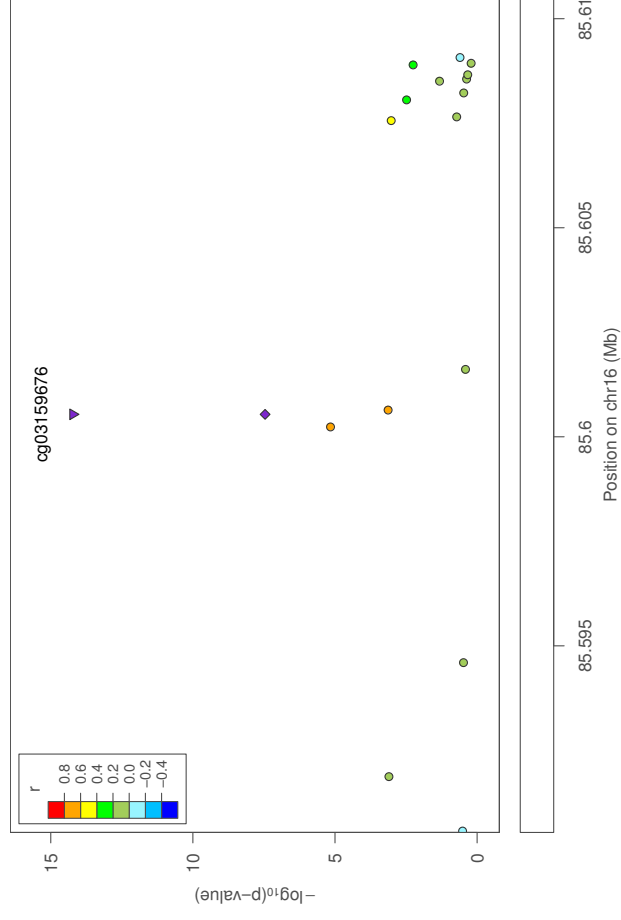
## DUS2L



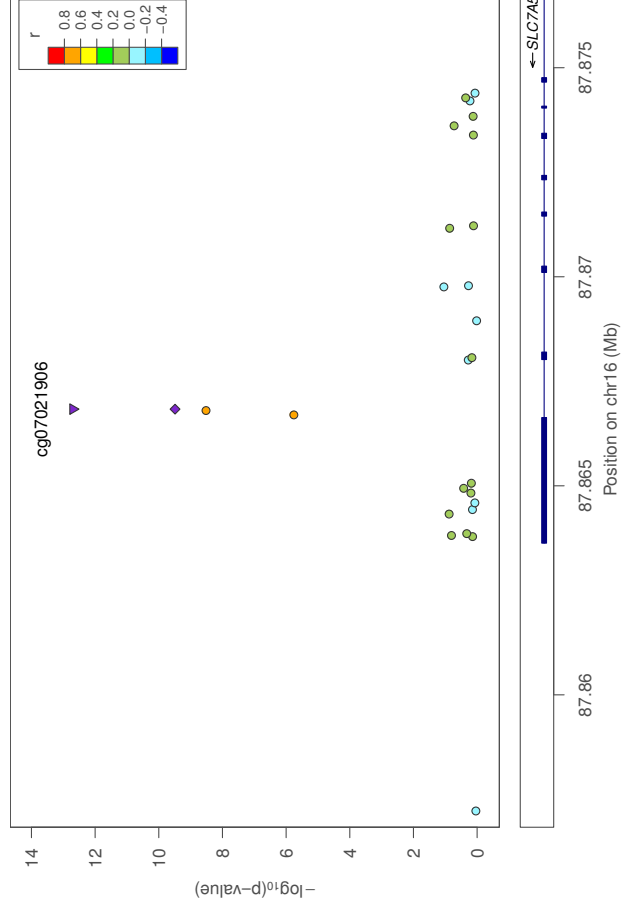
## MAF



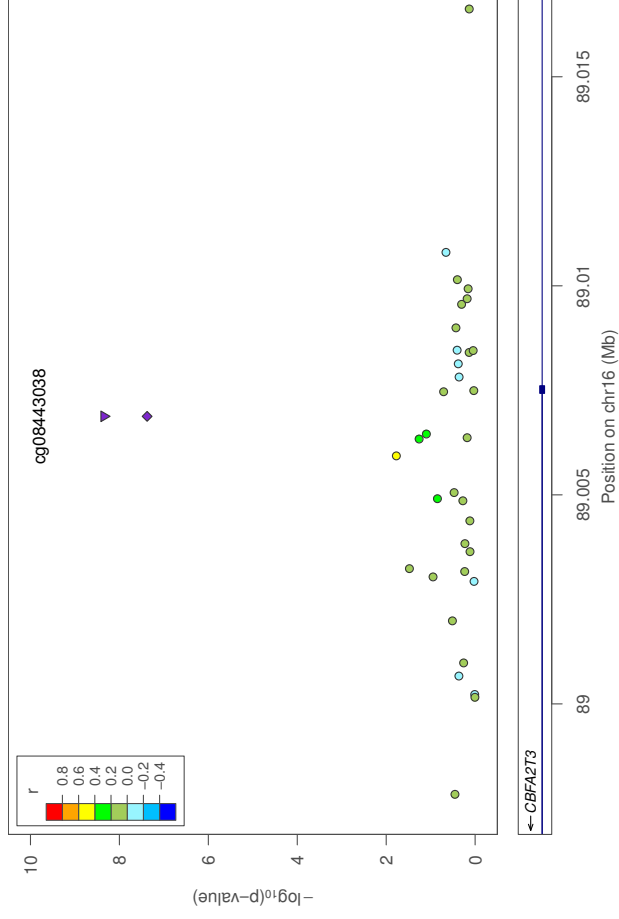
## GSE1



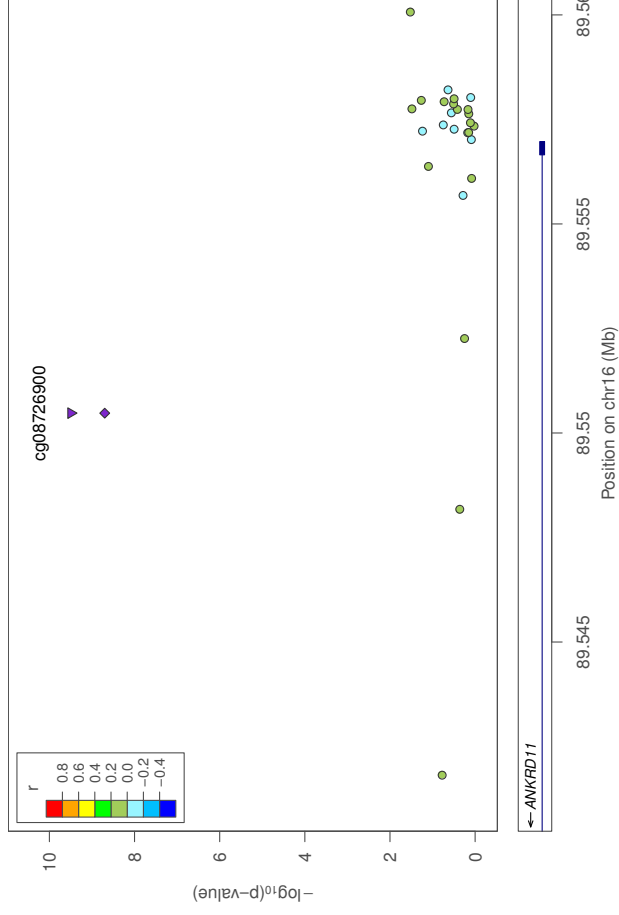
## SLC7A5



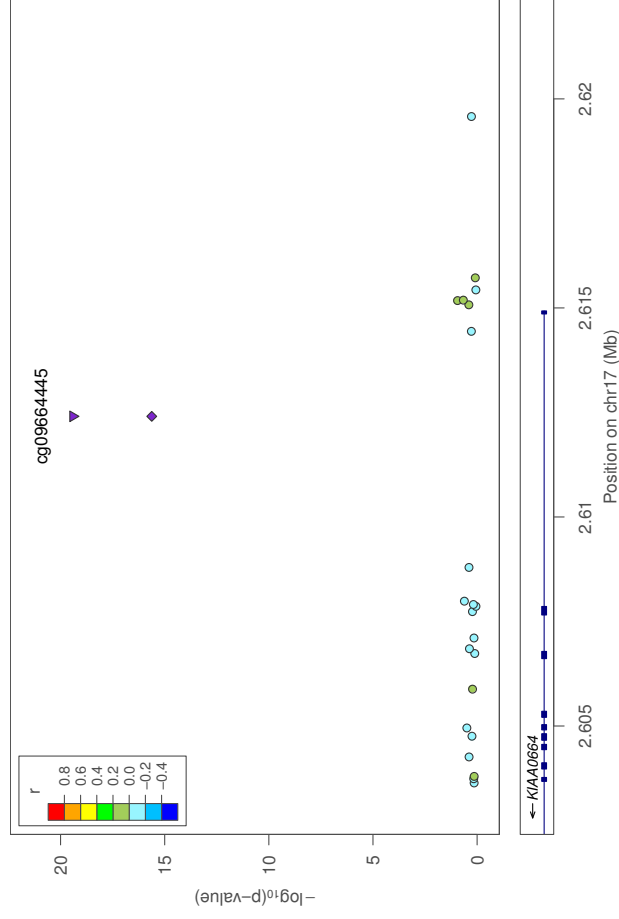
### CBFA2T3



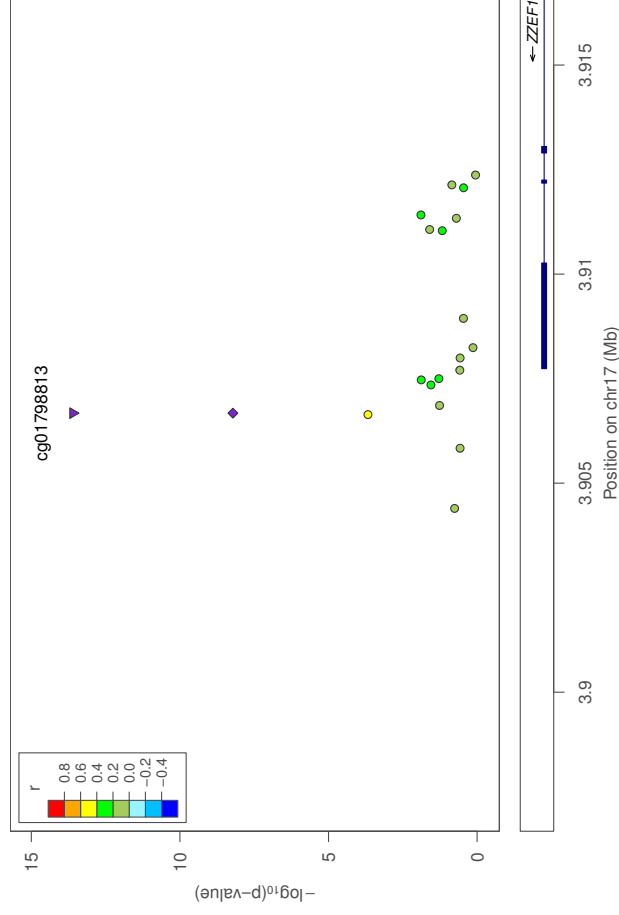
### ANKRD11



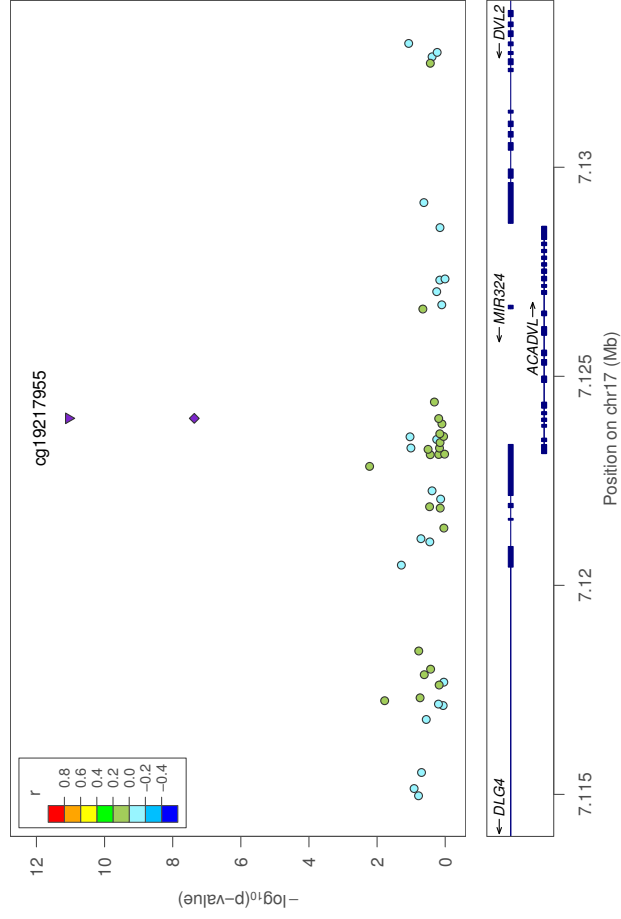
### CLUH



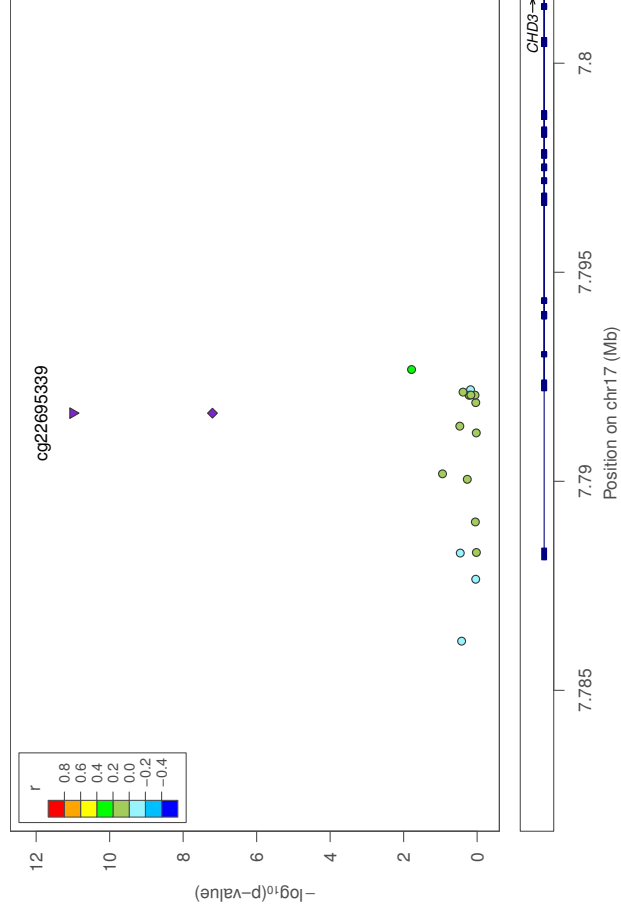
### ZZEF1



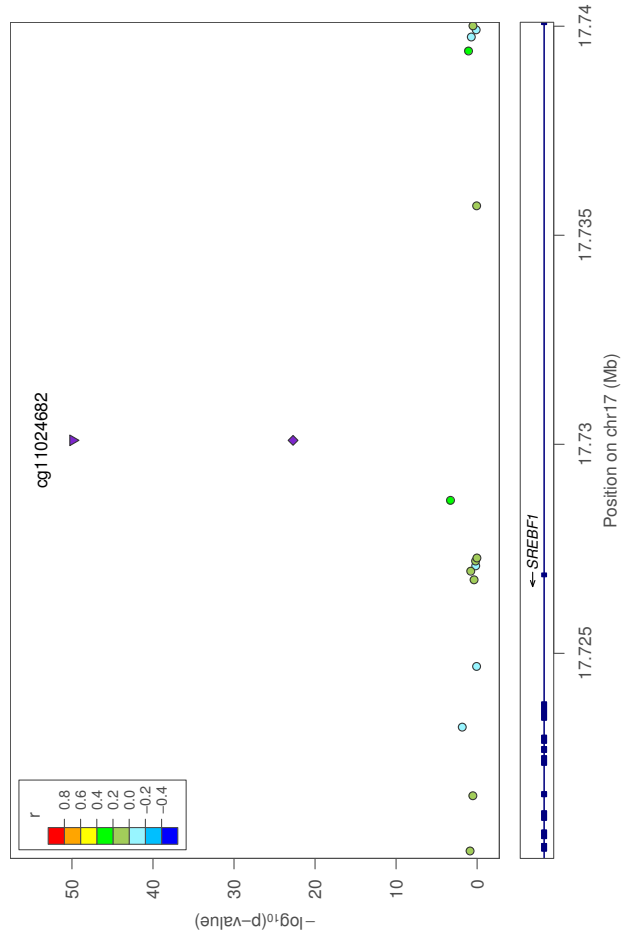
### ACADVL



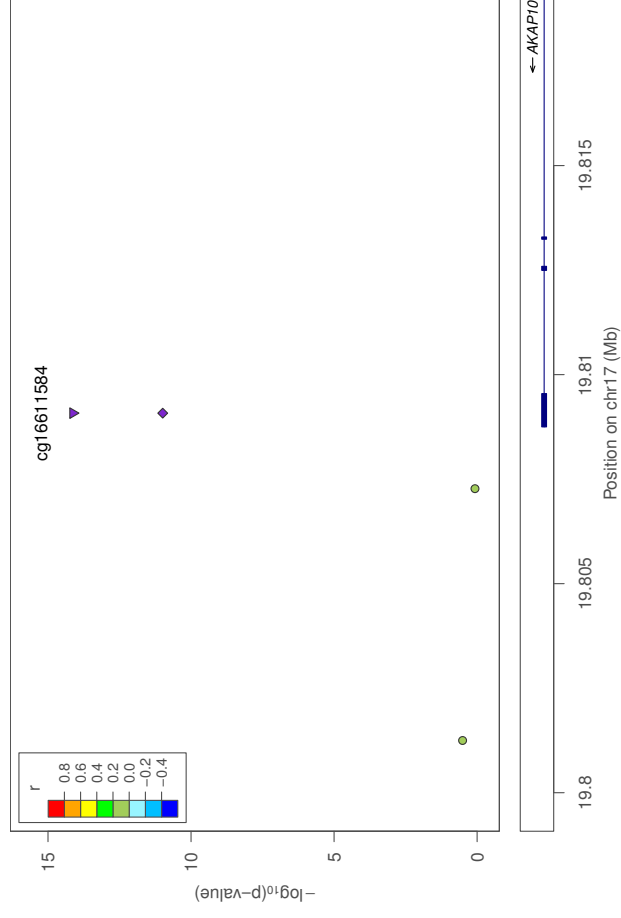
### CHD3



### SREBF1

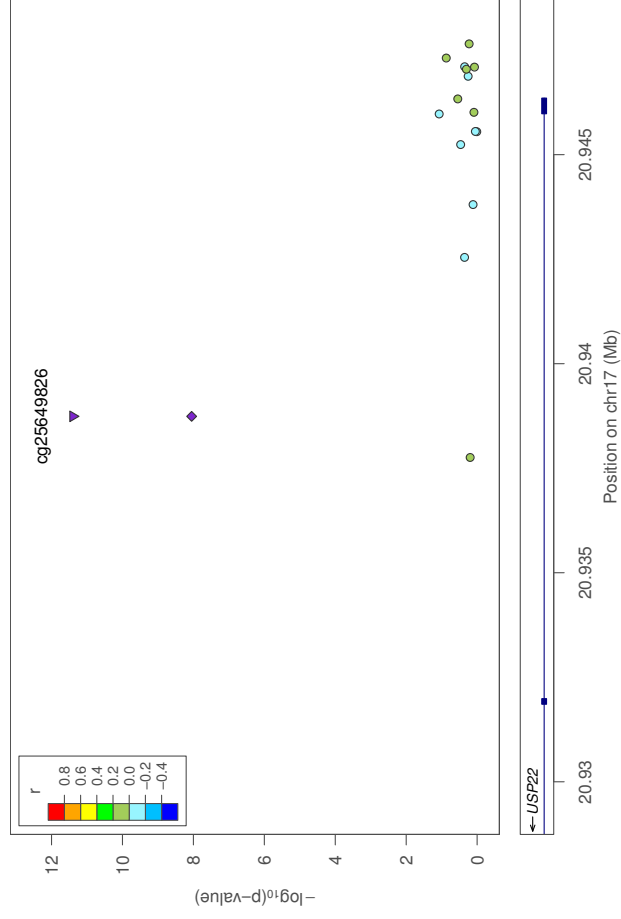


### AKAP10

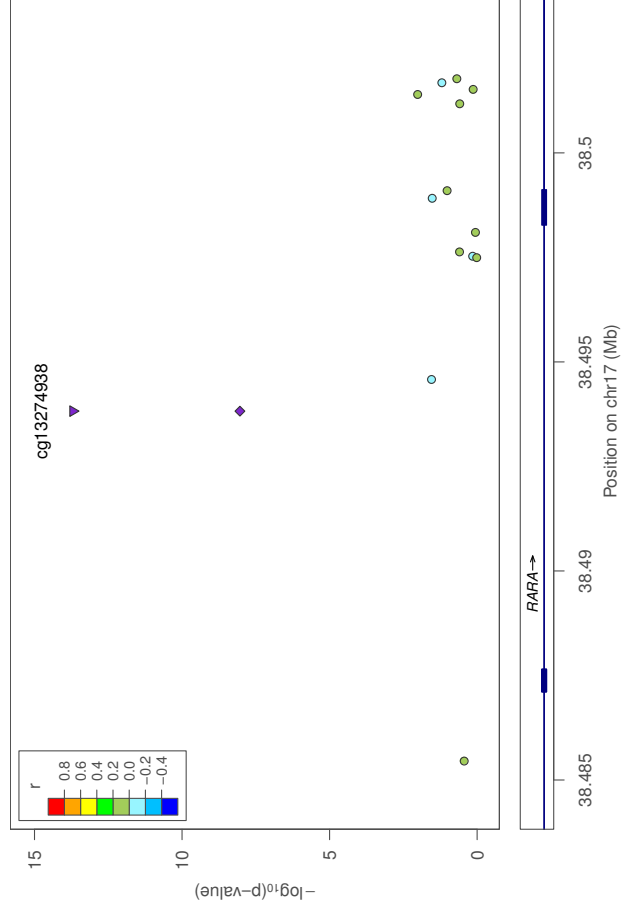




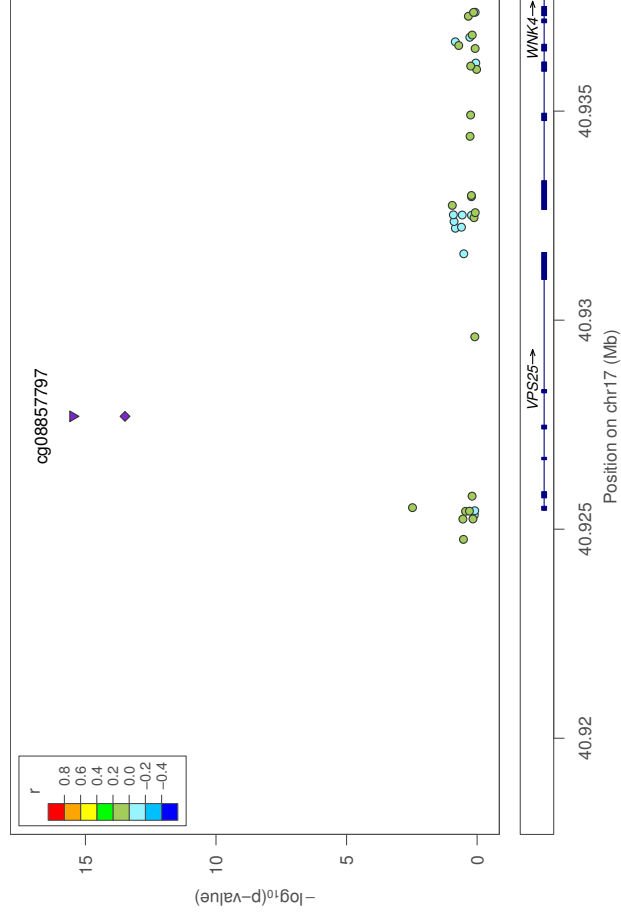
## USP22



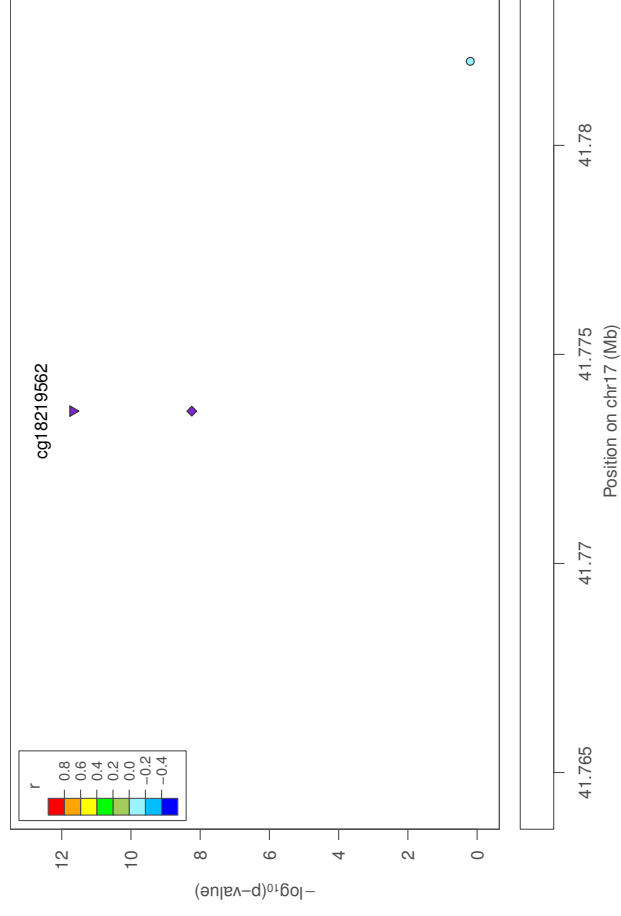
## RARA



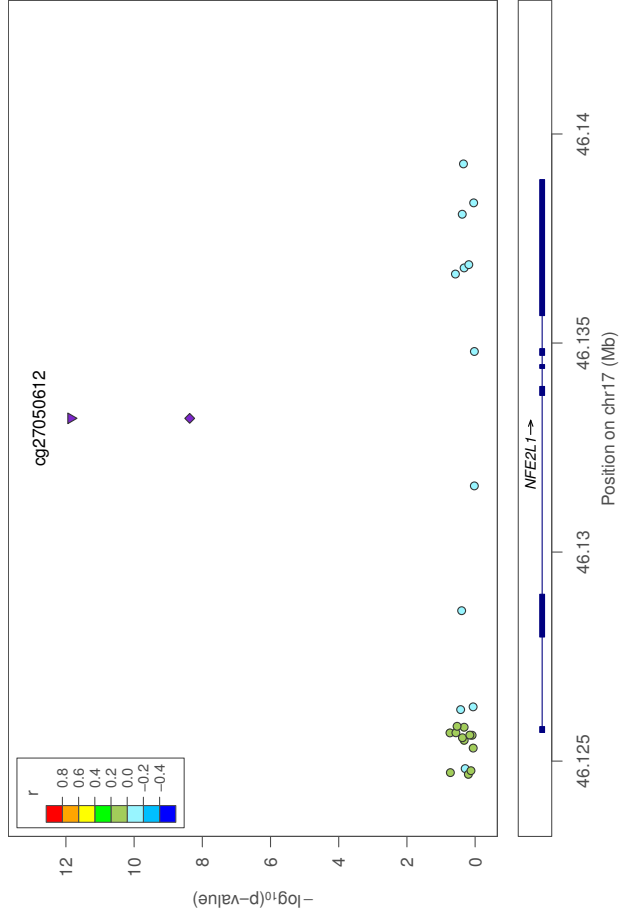
## VPS25



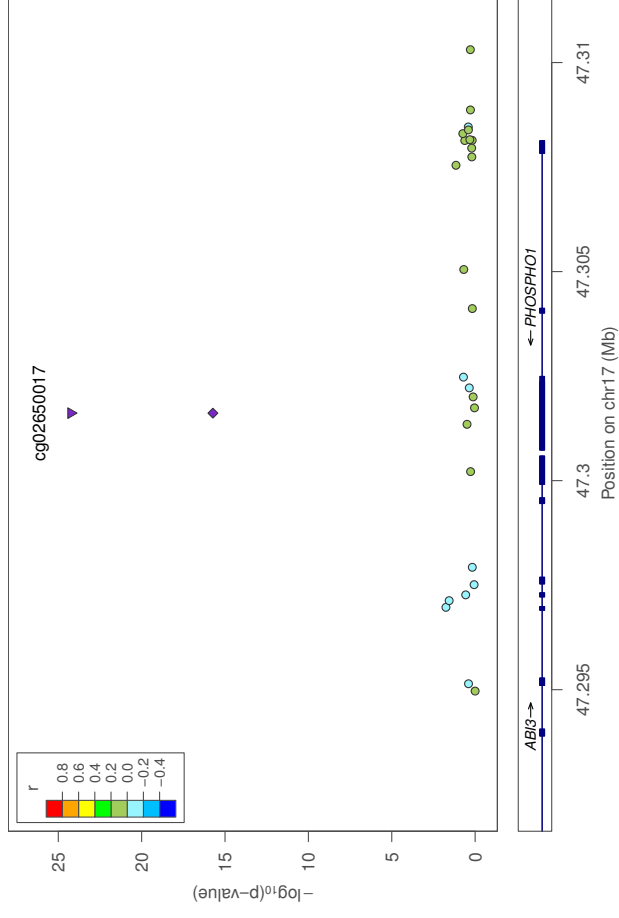
## MEOX1



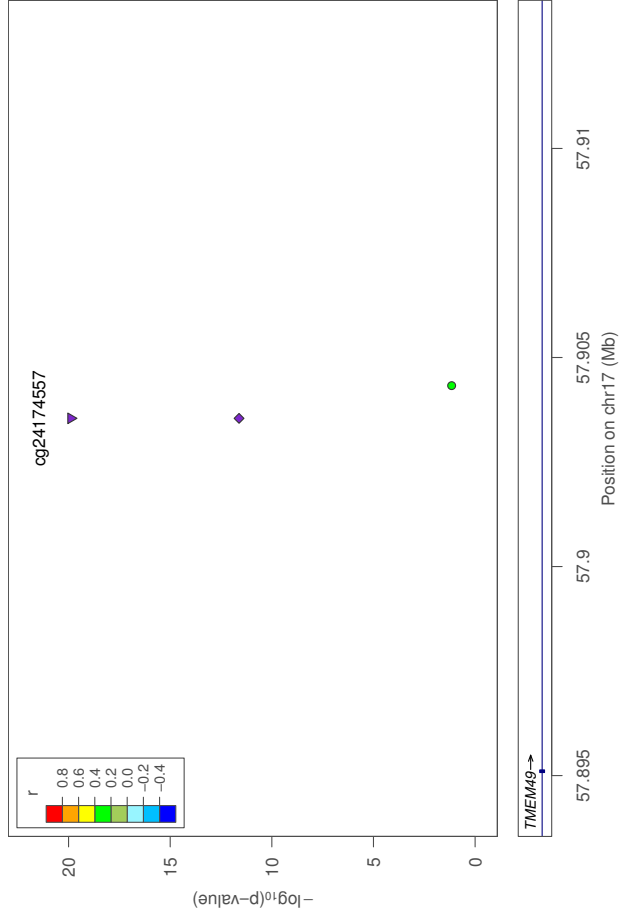
# NFE2L1



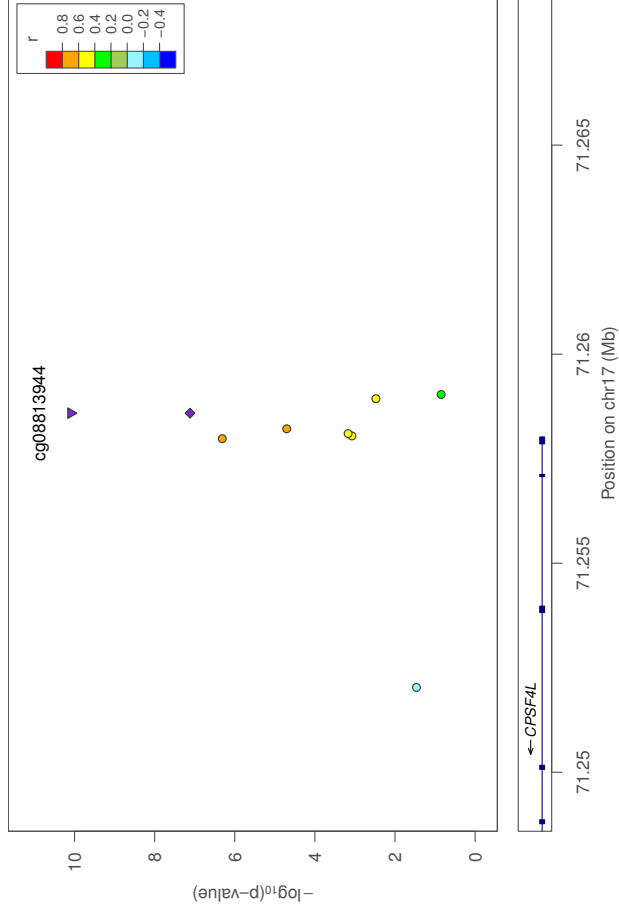
# PHOSPHO1



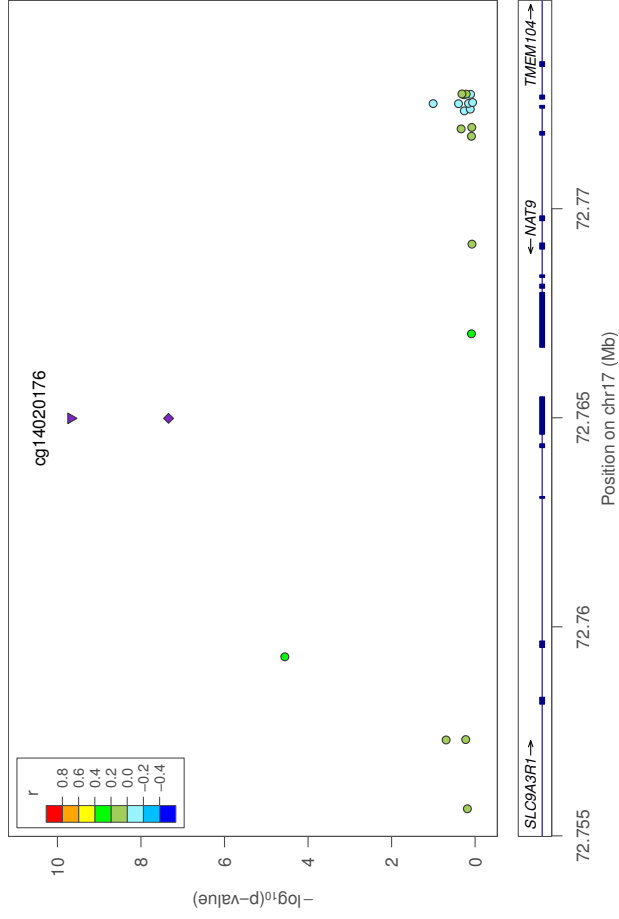
# VMP1



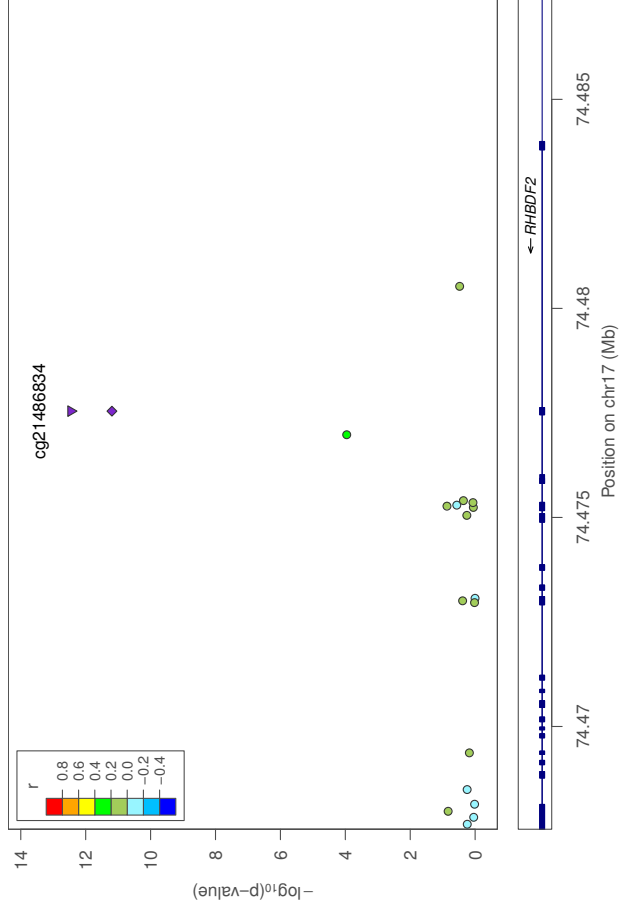
# CPSF4L



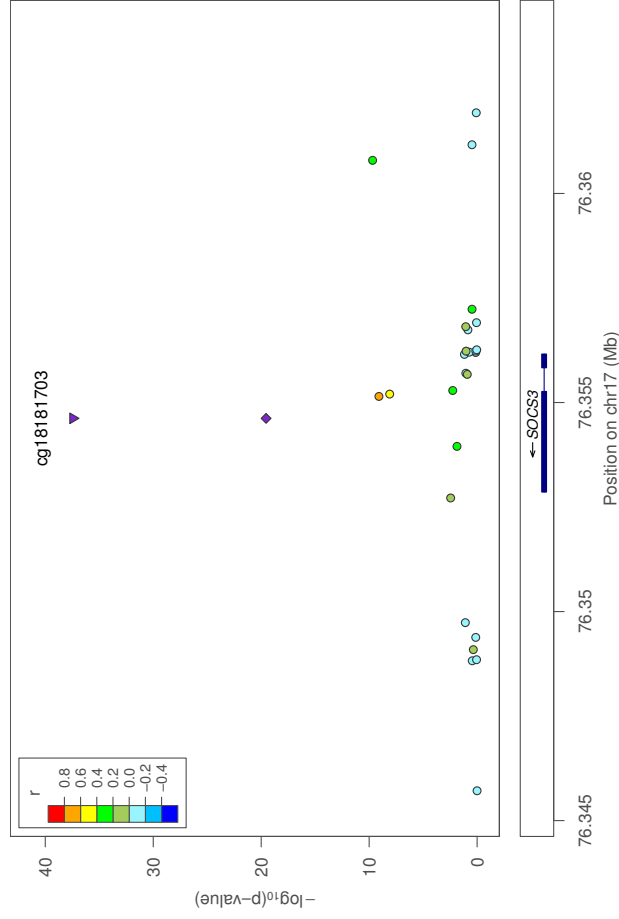
### SLC9A3R1



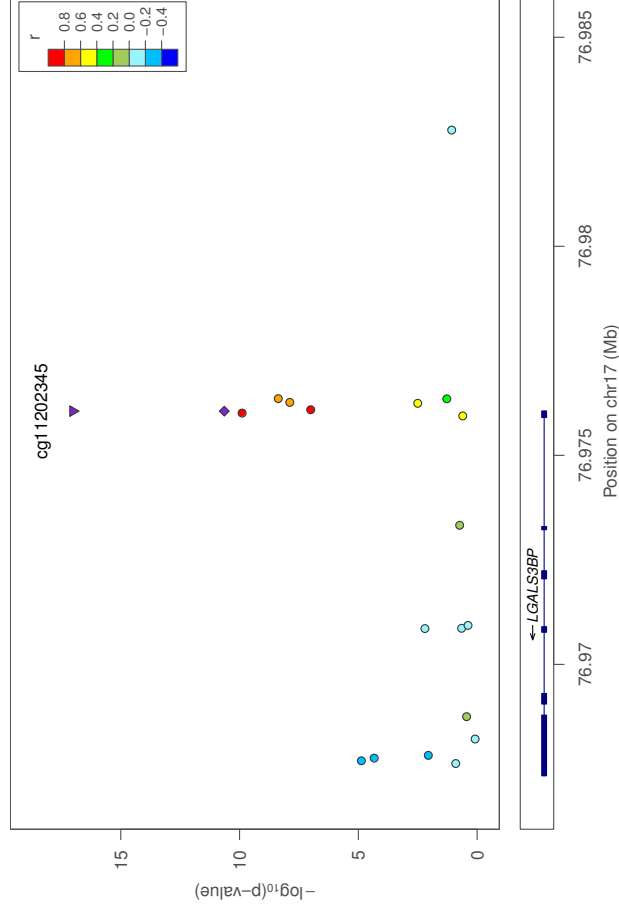
### RHBDF2



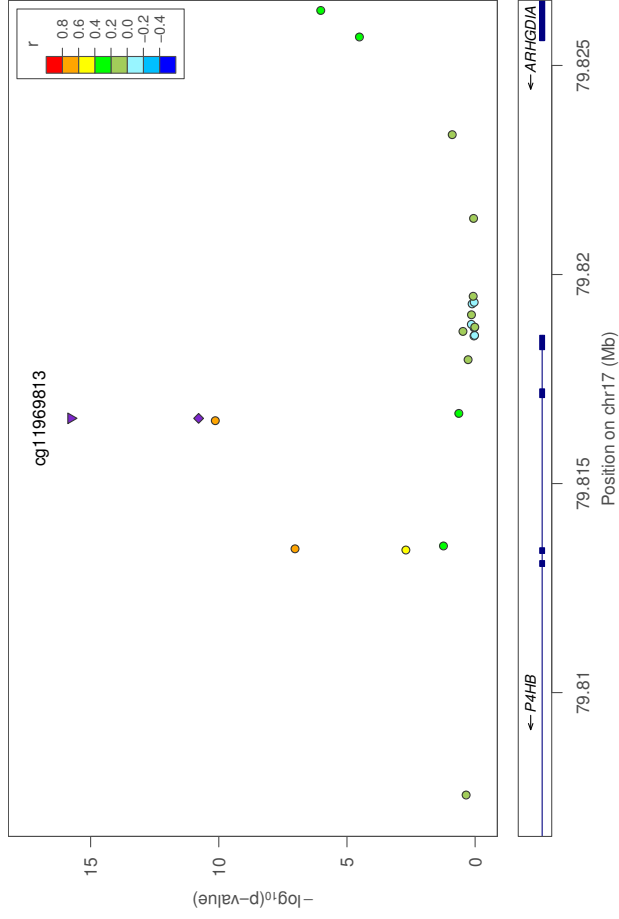
### SOCS3



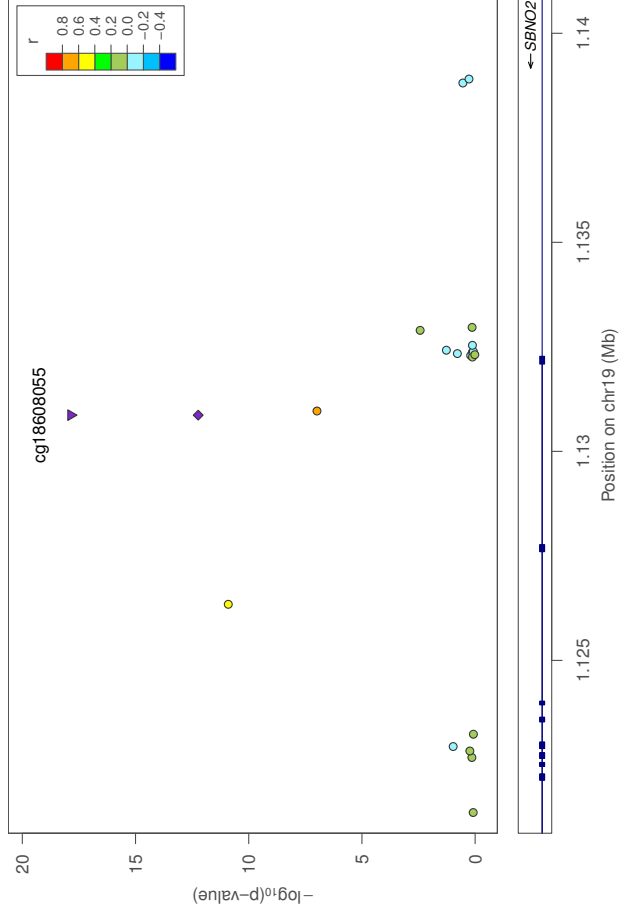
### LGALS3BP



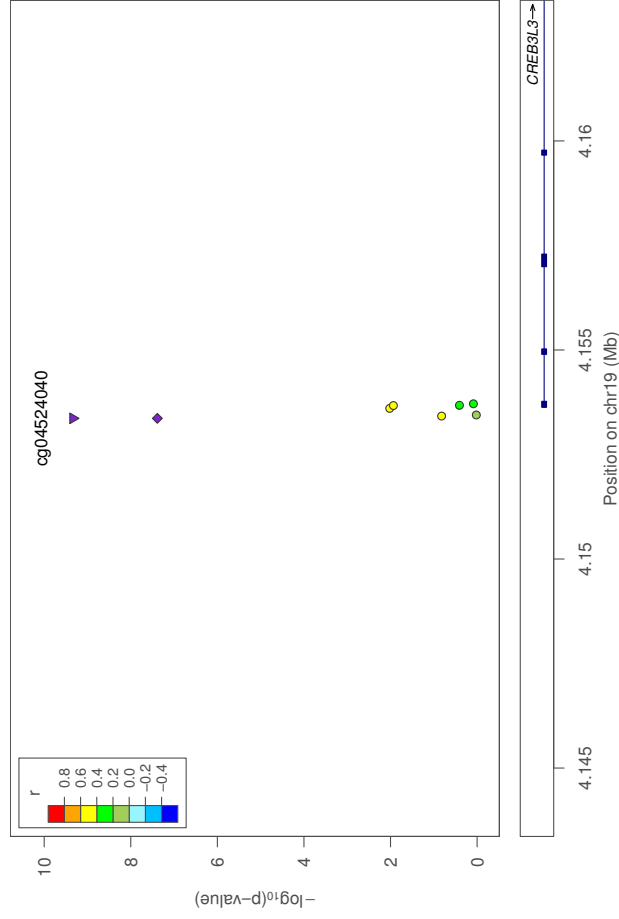
### P4HB



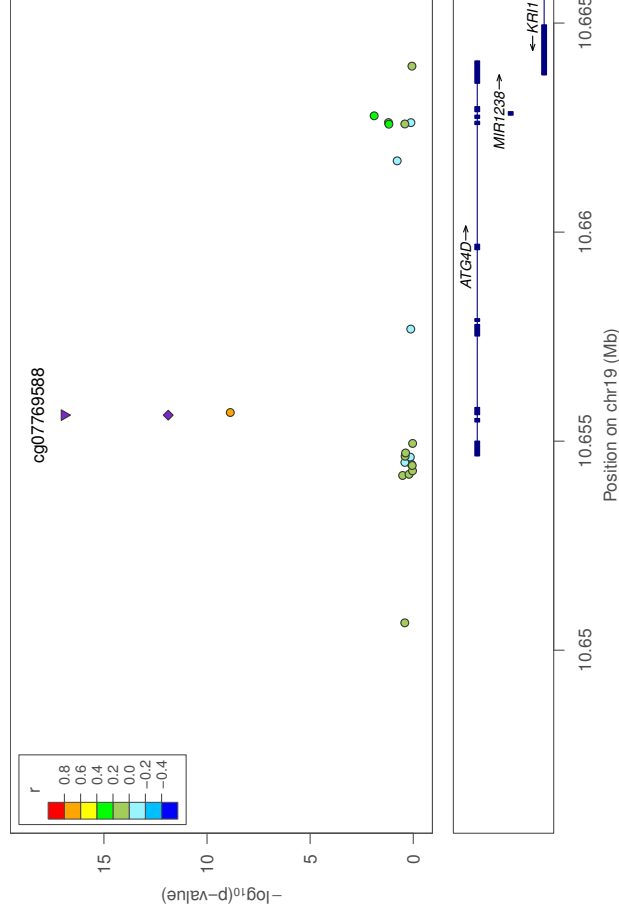
### SBNO2



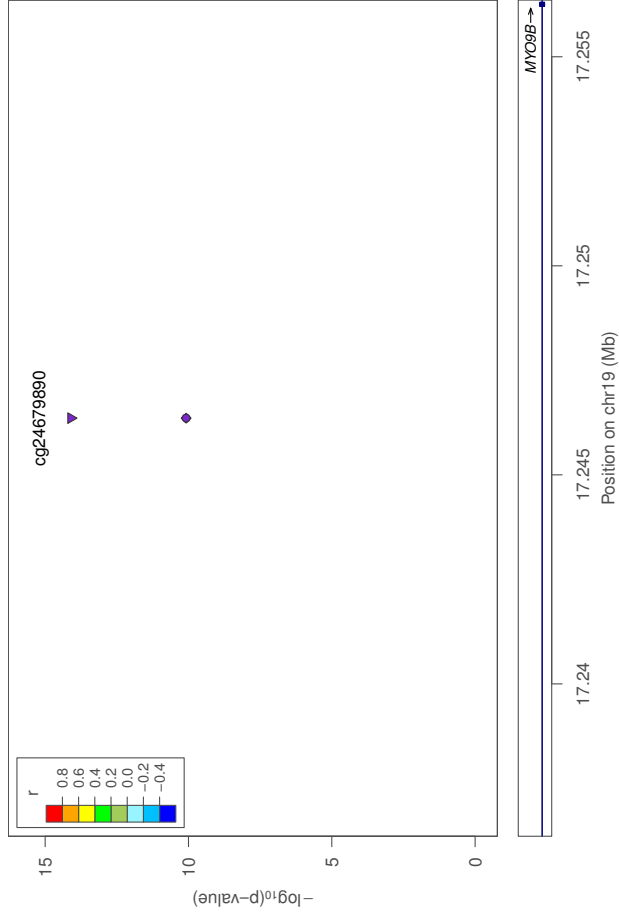
### CREB3L3



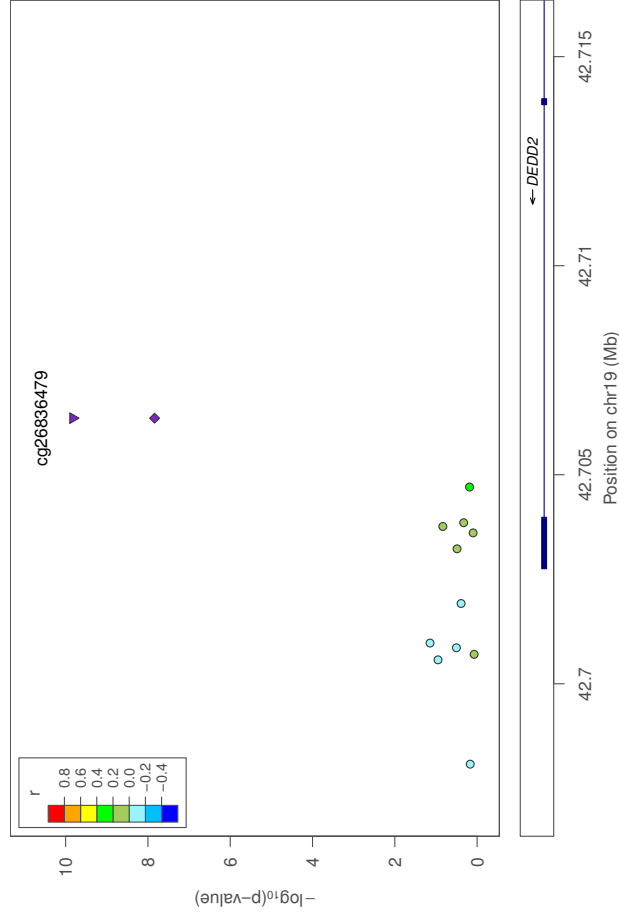
### ATG4D



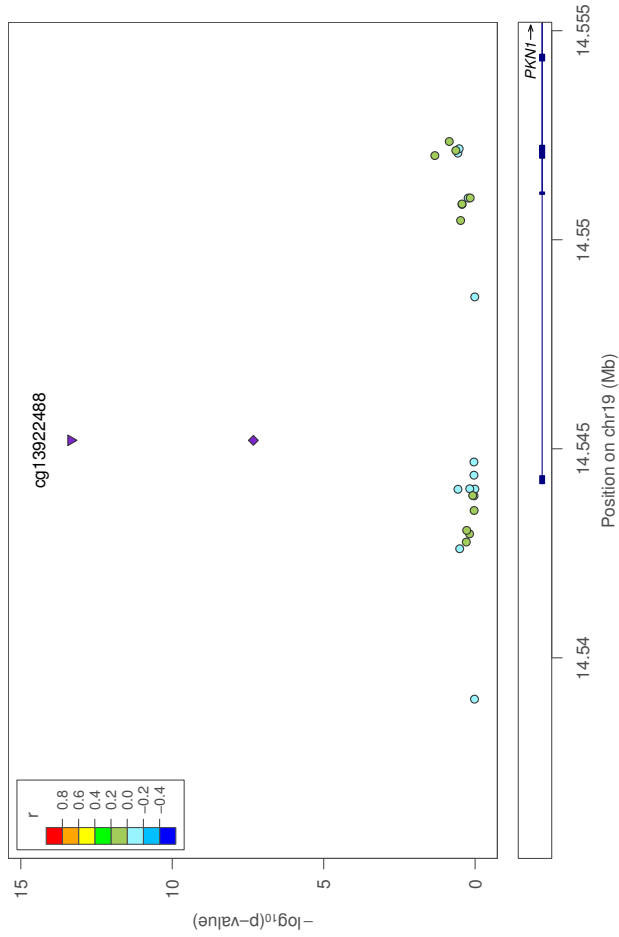
# MYO9B



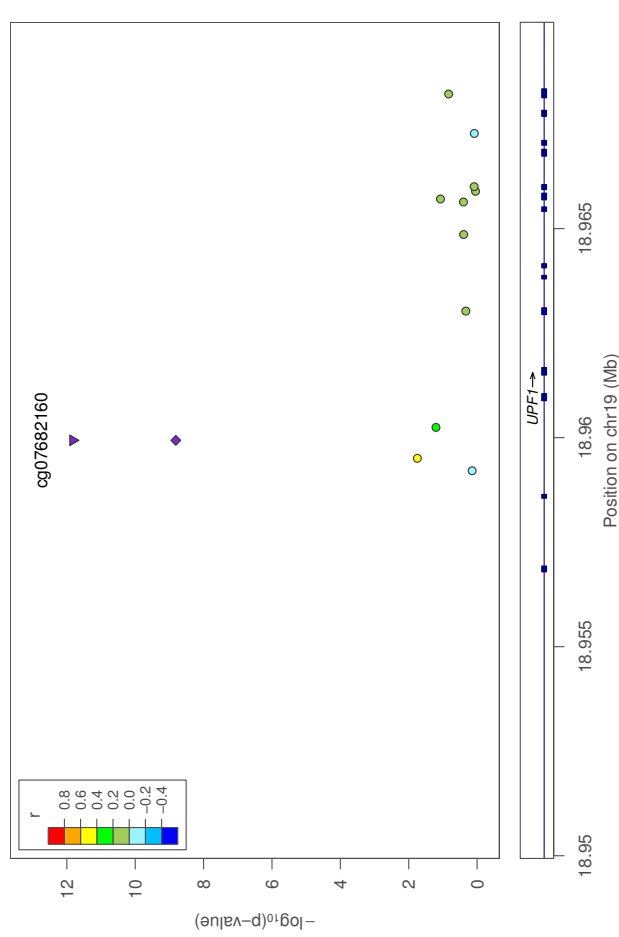
# DEDD2



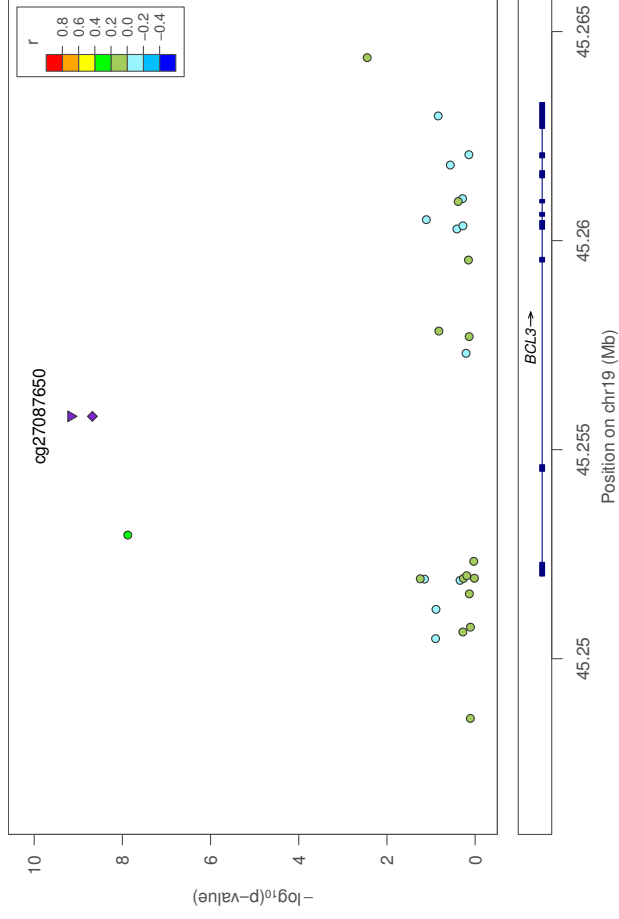
# PKN1



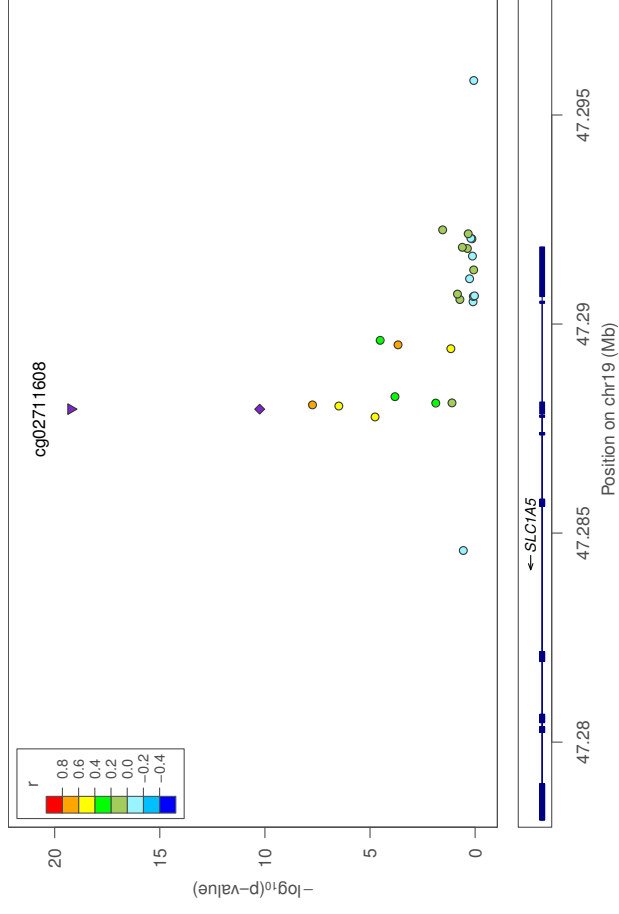
# UPF1



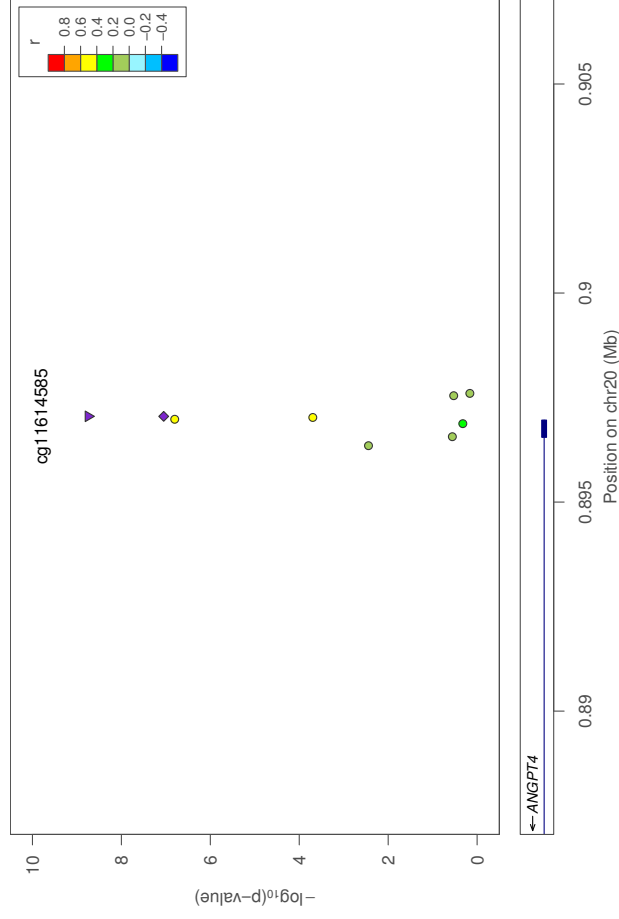
### BCL3



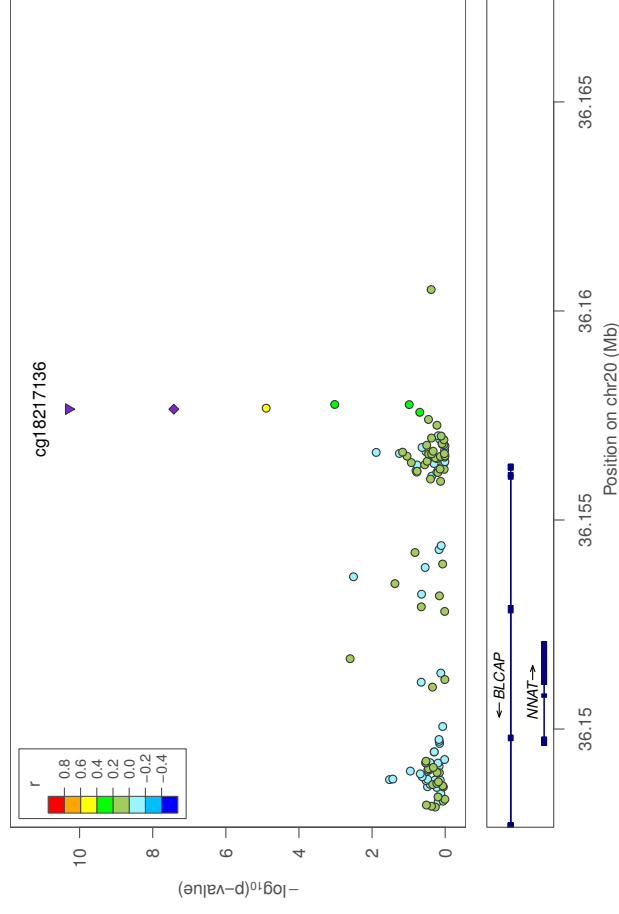
### SLC1A5



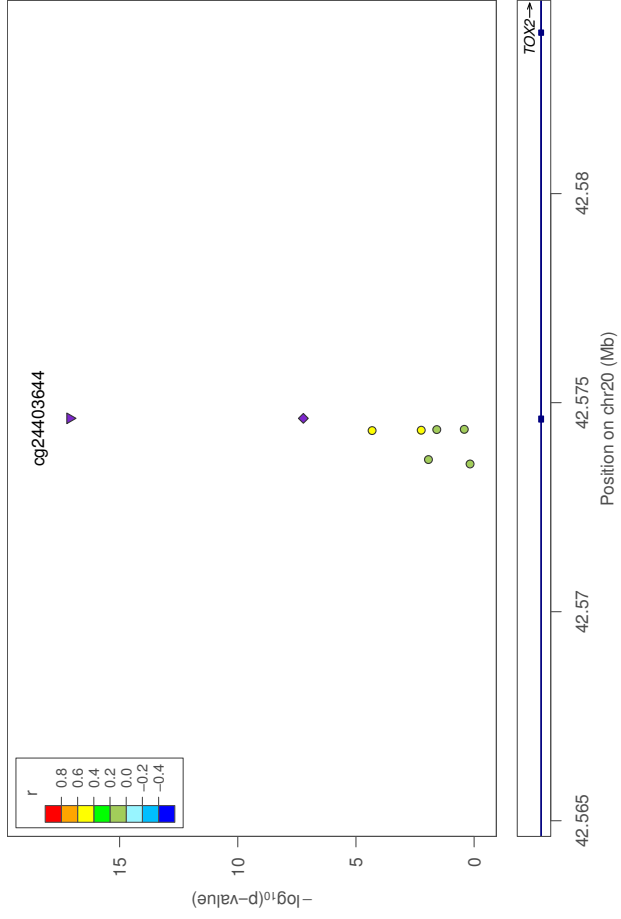
### ANGPT4



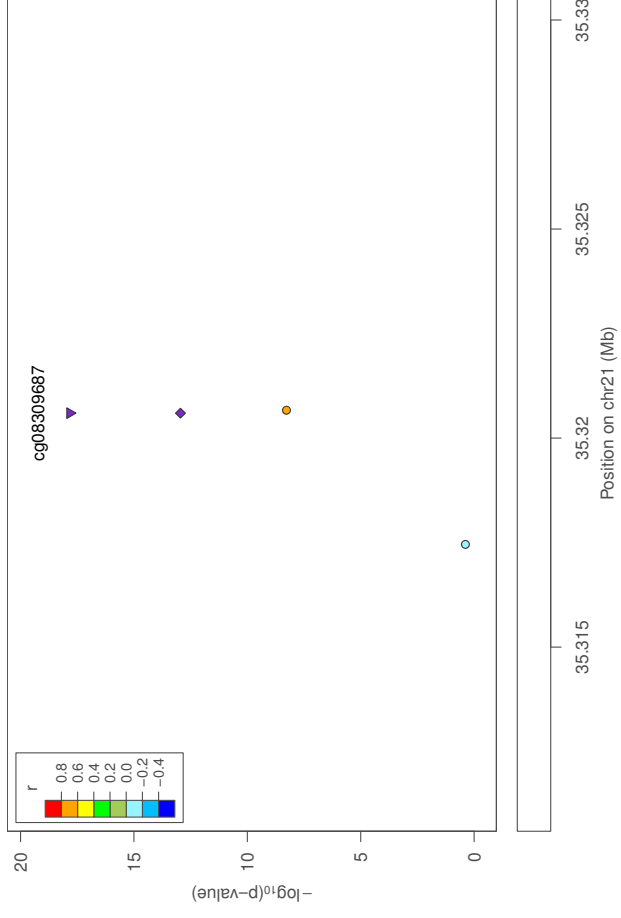
### PPIAP3



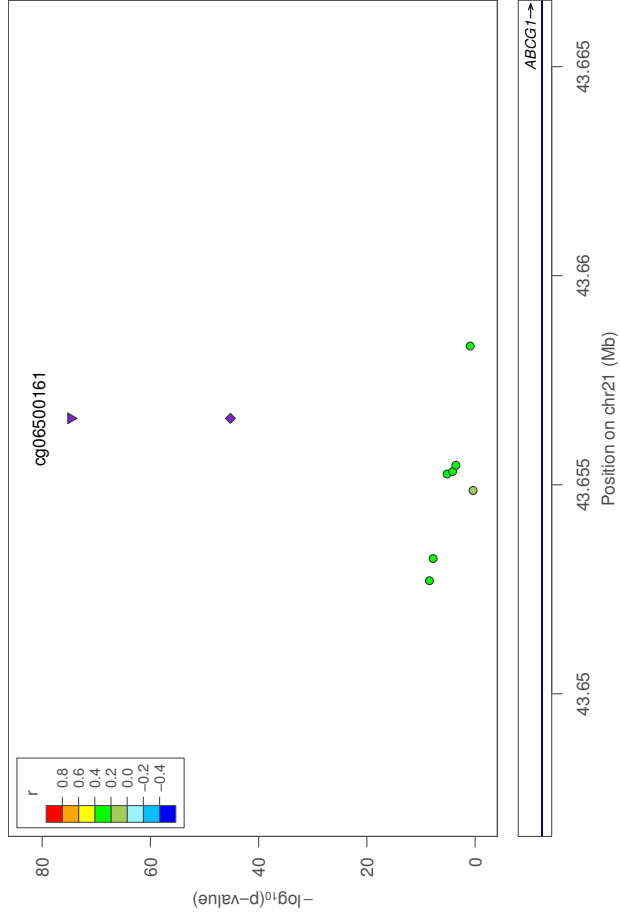
# TOX2



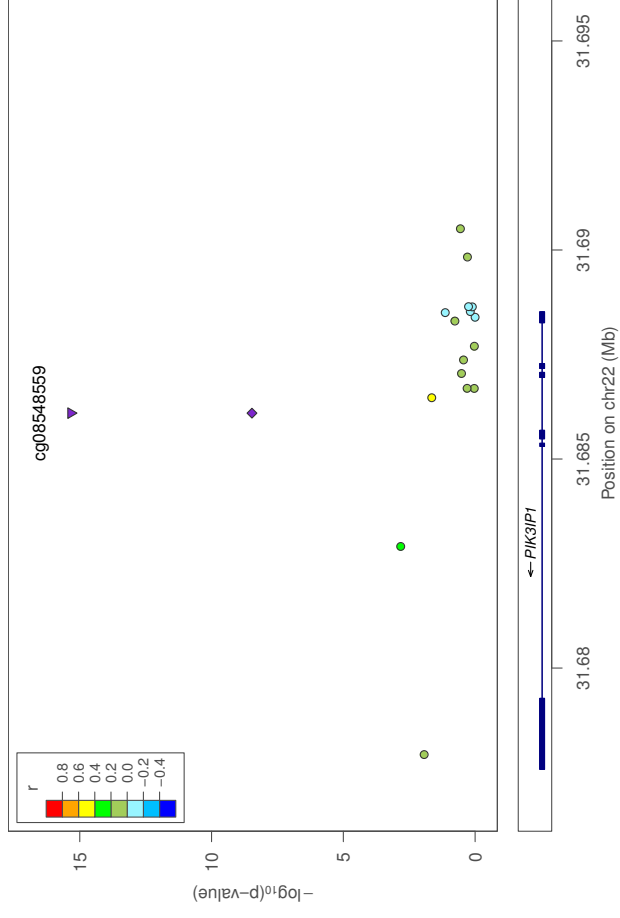
# LINC00649



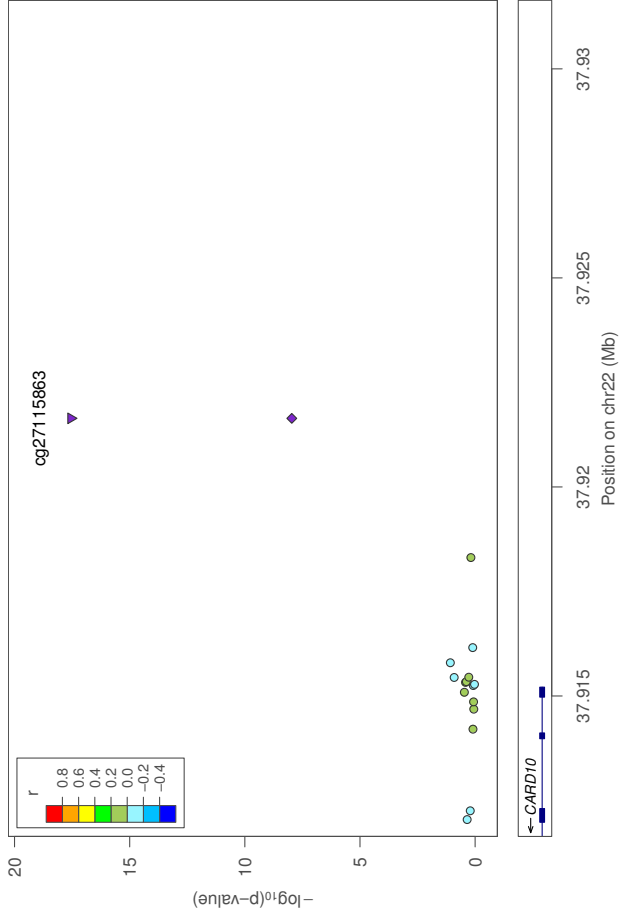
# ABCG1



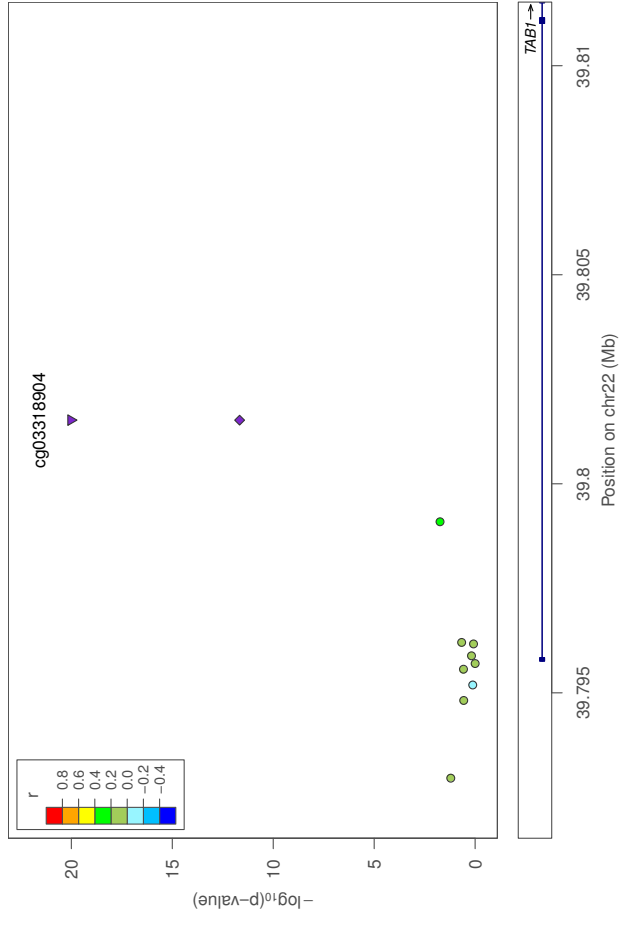
# PIK3IP1



### CARD10



### TAB1



### CRELD2

