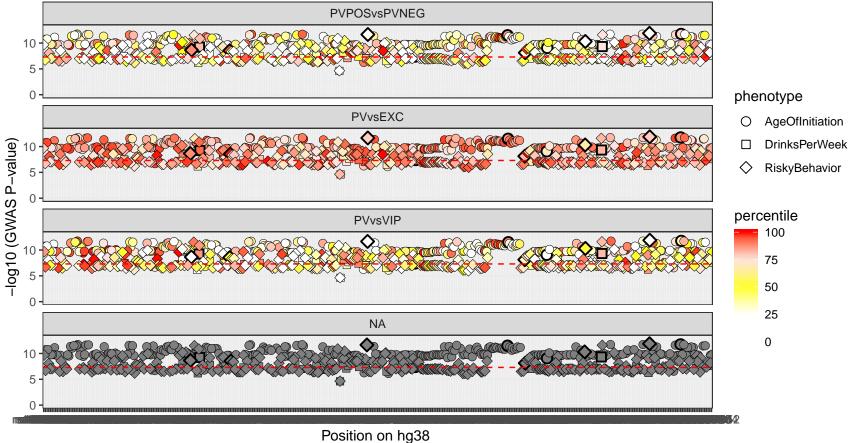
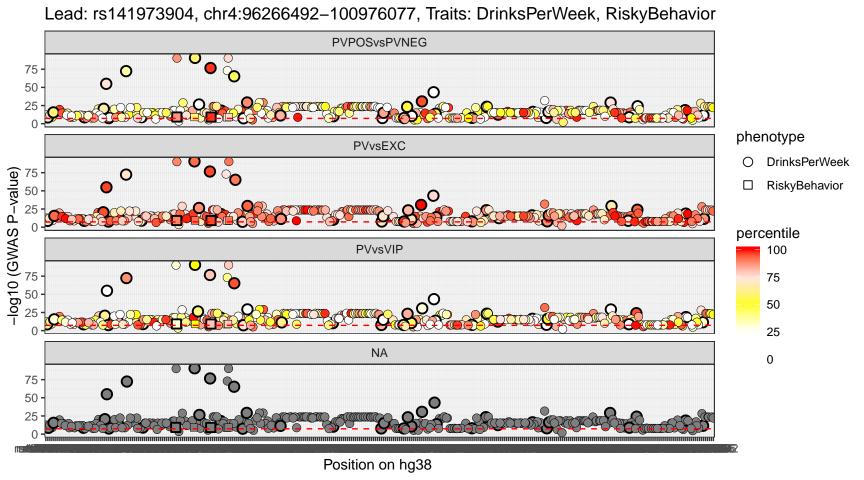
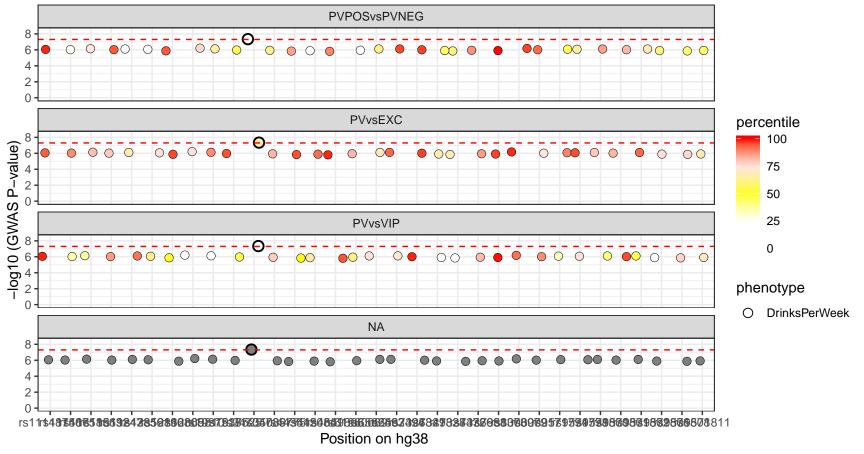
# Lead: rs7566031, chr2:62577347–63681136, Traits: AgeOfInitiation, DrinksPerWeek, RiskyBehavior



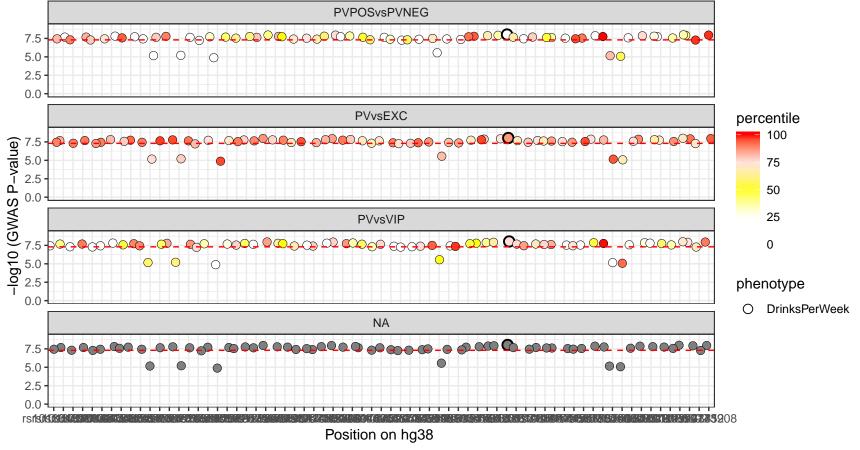
Lead: rs7431710, chr3:48682205-49538480, Traits: CigarettesPerDay **PVPOSvsPVNEG** 10.0 5.0 2.5 0.0 **PVvsEXC** phenotype 10.0 -log10 (GWAS P-value) CigarettesPerDay 5.0 2.5 percentile 100 **PVvsVIP** 75 50 5.0 2.5 25 0 NA 10.0 -5.0 2.5 Position on hg38



Lead: rs34704785, chr13:67447680-67567584, Traits: DrinksPerWeek

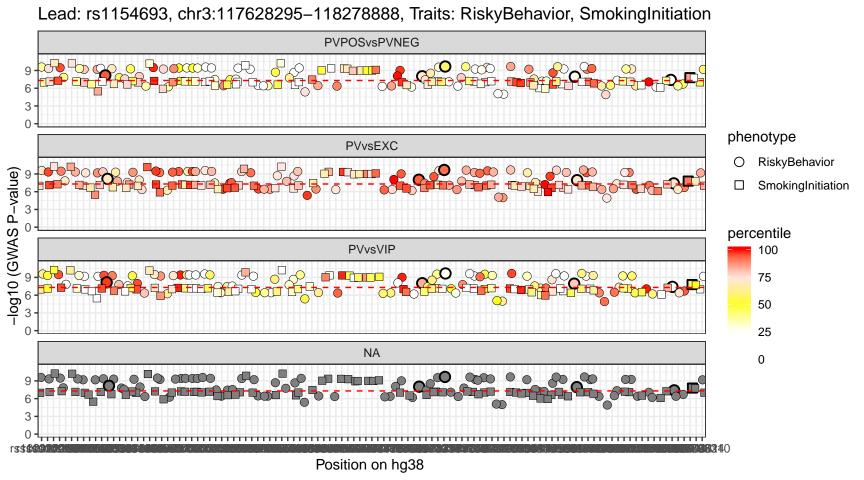


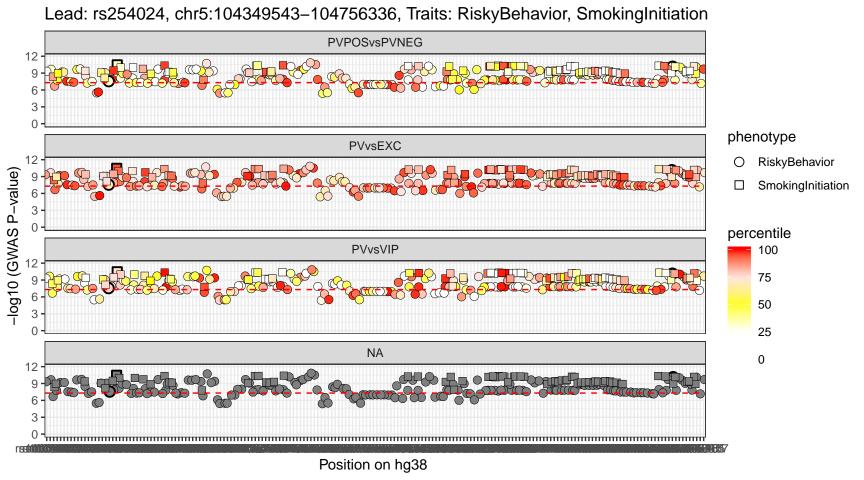
Lead: rs6573197, chr14:58198191-58389991, Traits: DrinksPerWeek



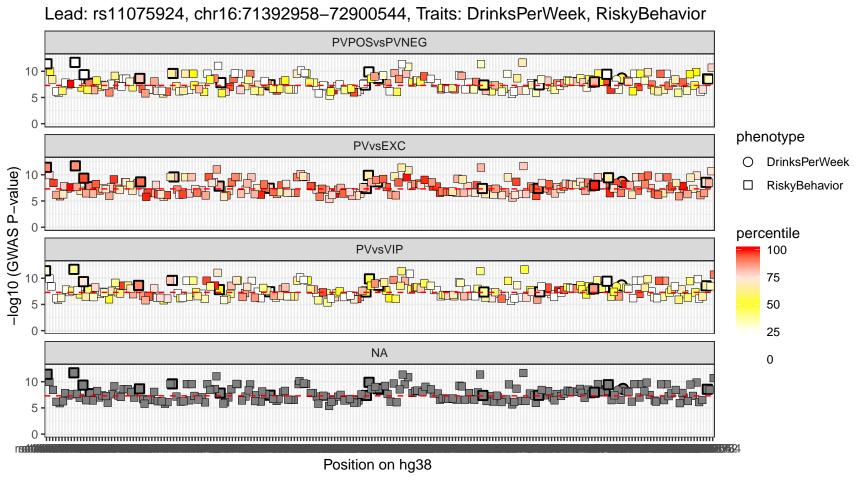
Lead: rs1445649, chr2:154798245–155252592, Traits: RiskyBehavior, SmokingInitiation **PVPOSvsPVNEG** phenotype **PVvsEXC** RiskyBehavior P-value) SmokingInitiation -log10 (GWAS percentile **PVvsVIP** 100 75 50 25 NA 12 3 -

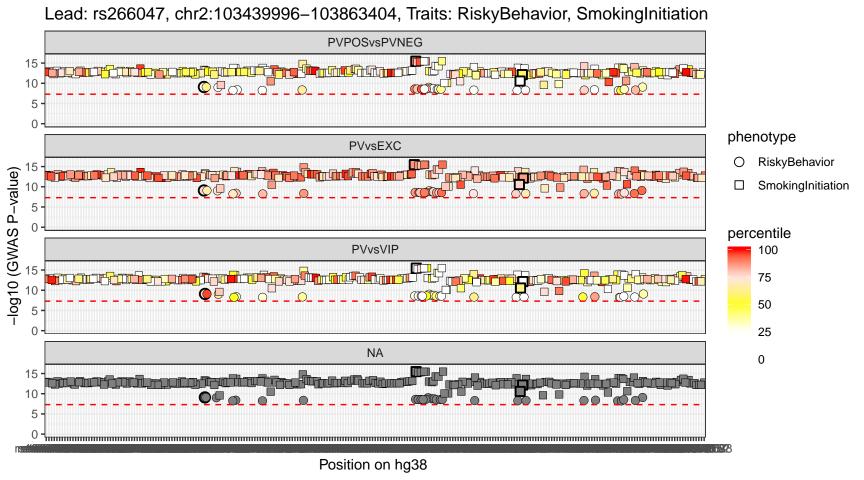
Position on hg38



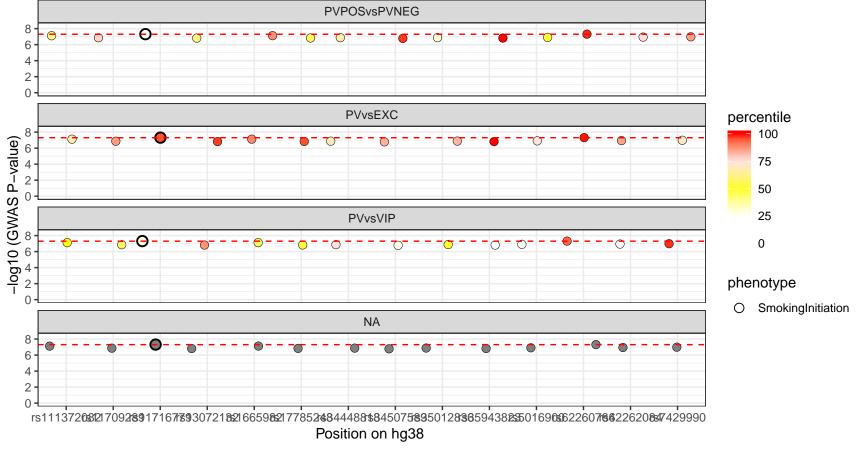


Lead: rs4044321, chr5:167558219–167628931, Traits: RiskyBehavior, SmokingInitiation **PVPOSvsPVNEG** phenotype **PVvsEXC** RiskyBehavior -log10 (GWAS P-value) SmokingInitiation percentile **PVvsVIP** 100 75 50 25 NA 0 Position on hg38





Lead: rs11716779, chr3:47547159–48108373, Traits: SmokingInitiation

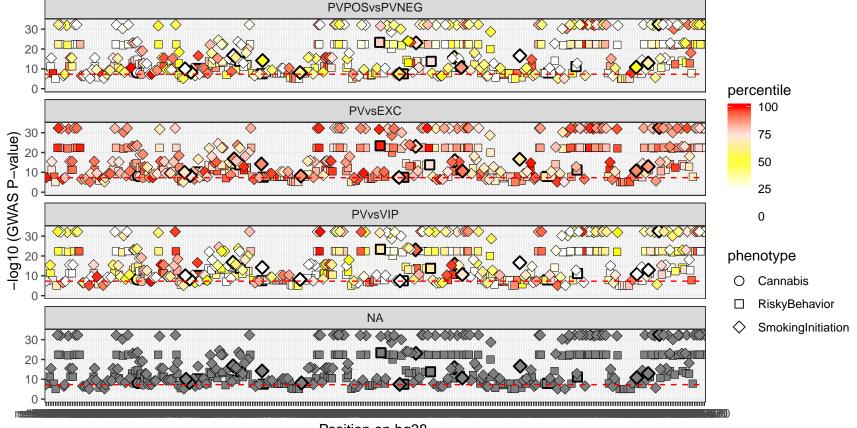


### Lead: rs12244388, chr10:101875500–103239509, Traits: RiskyBehavior, SmokingInitiation **PVPOSvsPVNEG** 15 phenotype **PVvsEXC** RiskyBehavior SmokingInitiation percentile **PVvsVIP** 100 75 50 25 NA 0 15

Position on hg38

-log10 (GWAS P-value)

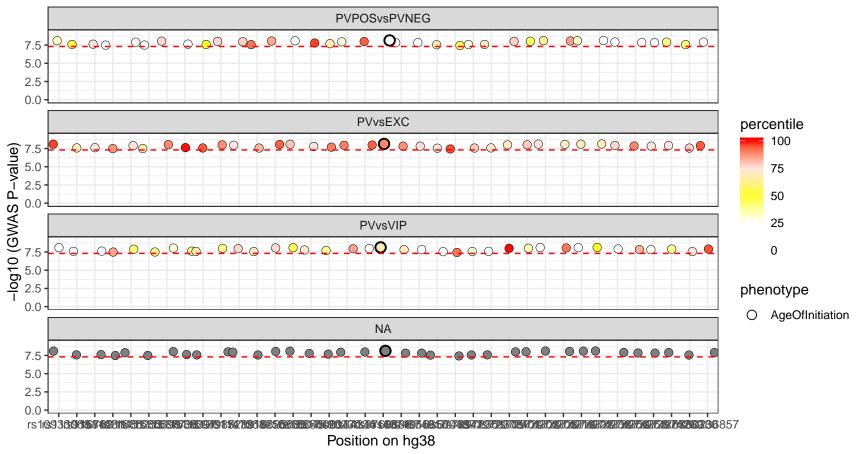
### Lead: rs7938812, chr11:112839090-113192261, Traits: Cannabis, RiskyBehavior, SmokingInitiation



Position on hg38

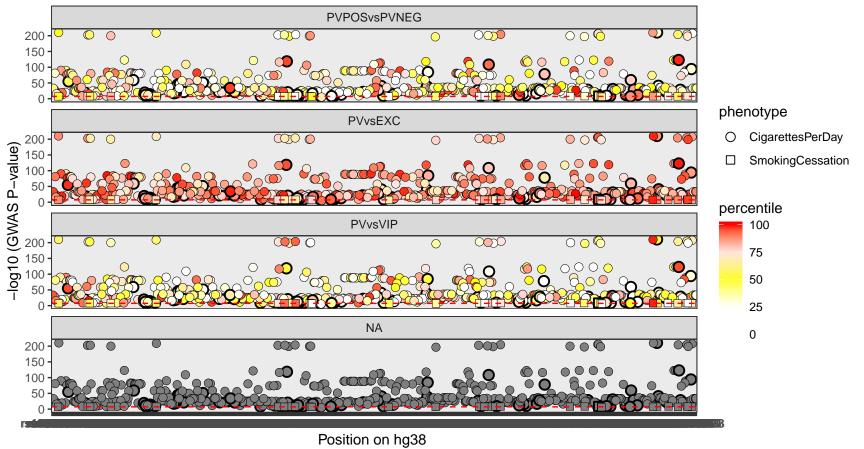
### Lead: rs12441907, chr15:82854411–83390470, Traits: SmokingInitiation **PVPOSvsPVNEG PVvsEXC** percentile 100 P-value 75 50 (GWAS 25 **PVvsVIP** 0 -log10 phenotype SmokingInitiation NA Position on hg38

Lead: rs3768886, chr2:224469353–224603123, Traits: AgeOfInitiation

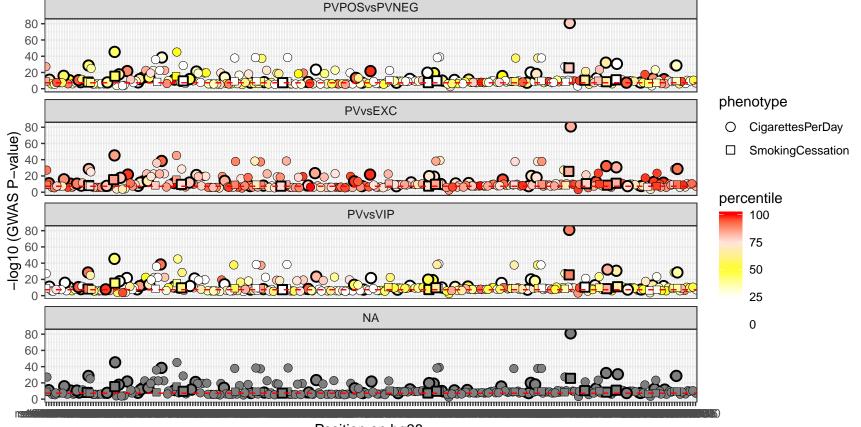


Lead: rs6790699, chr3:84803154-86232517, Traits: AgeOfInitiation, Cannabis, DrinksPerWeek, RiskyBeha **PVPOSvsPVNEG** phenotype AgeOfInitiation **PVvsEXC** Cannabis DrinksPerWeek -log10 (GWAS P-value) RiskyBehavior SmokingInitiation **PVvsVIP** percentile 100 75 50 NA 25 0 Position on hg38

#### Lead: rs8034191, chr15:78277473–78944007, Traits: CigarettesPerDay, SmokingCessation

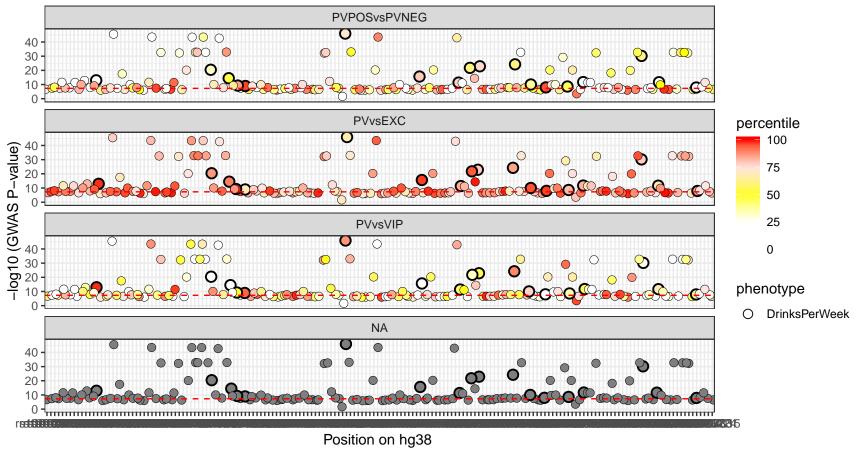


## Lead: rs56113850, chr19:40355600–41035197, Traits: CigarettesPerDay, SmokingCessation

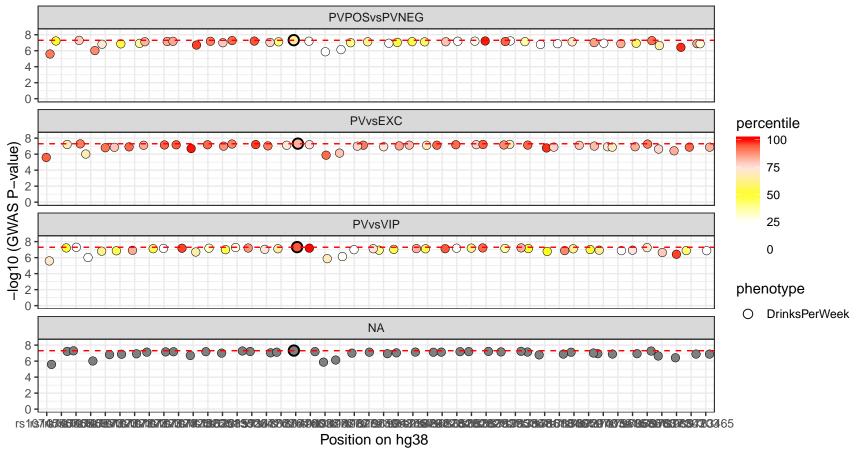


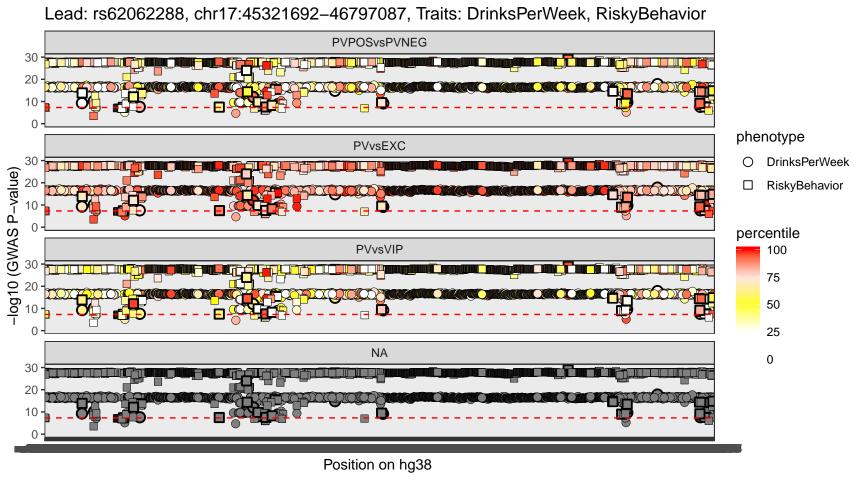
Position on hg38

Lead: rs28712821, chr4:39060036-39486393, Traits: DrinksPerWeek

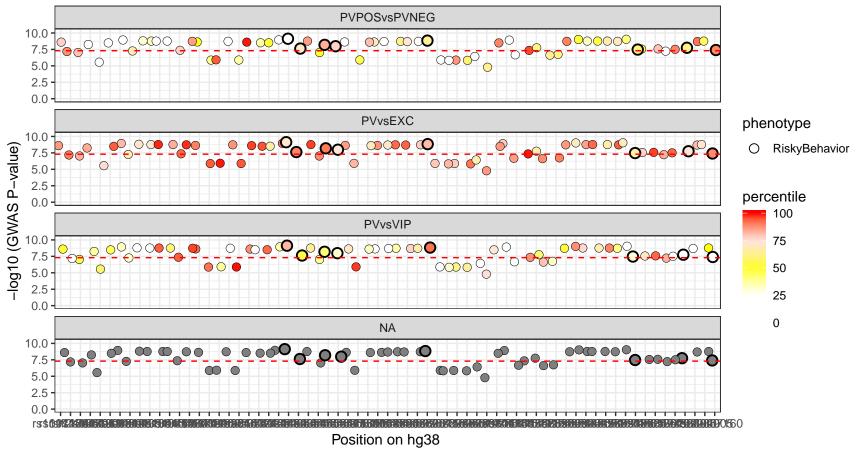


Lead: rs1387766, chr12:91675466–91843779, Traits: DrinksPerWeek

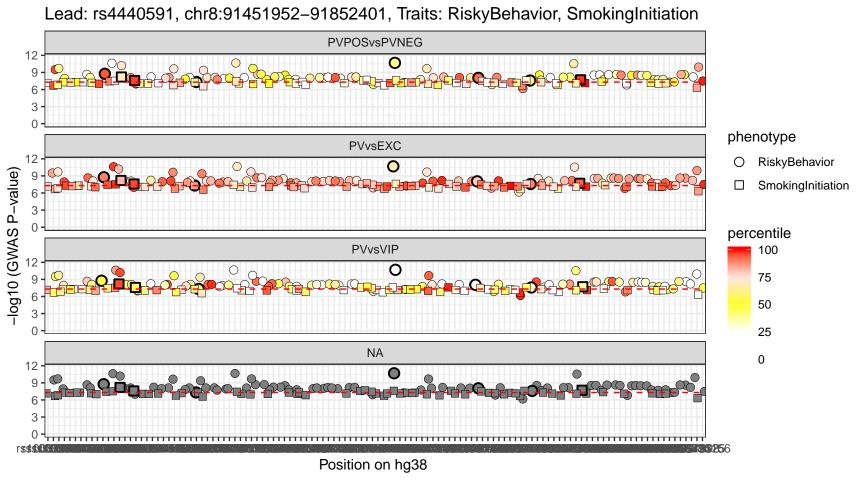


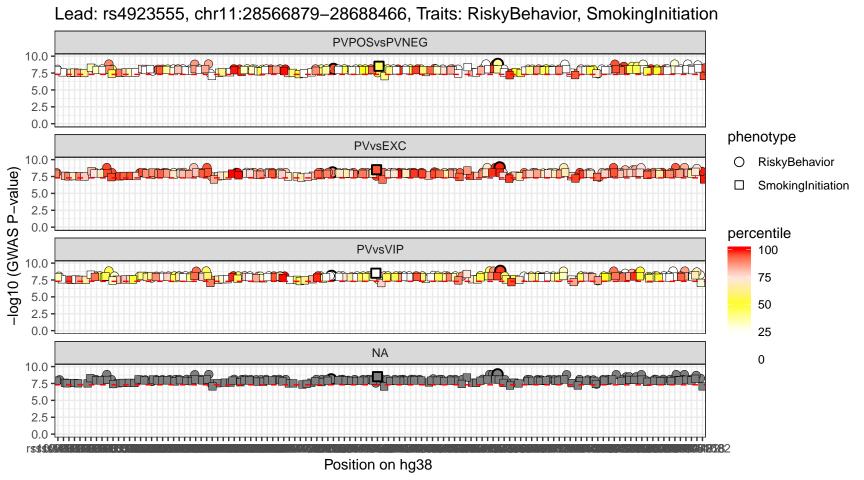


Lead: rs4552369, chr3:82584862-83986461, Traits: RiskyBehavior

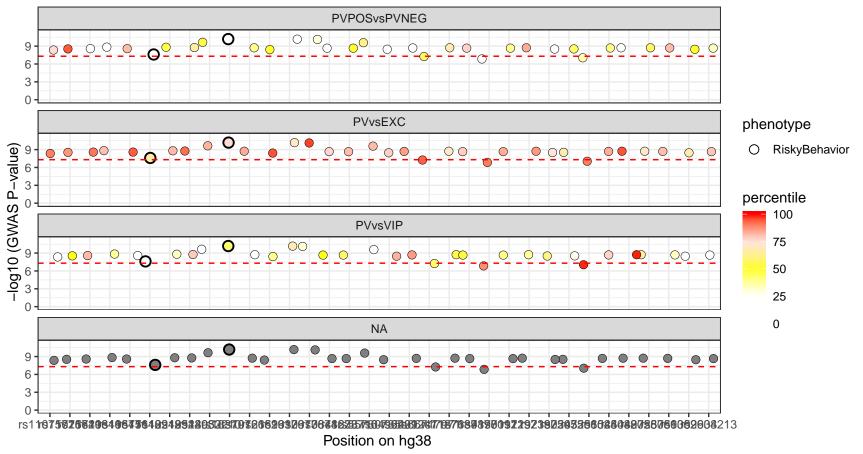


Lead: rs9401770, chr6:97862415–98447193, Traits: RiskyBehavior, SmokingInitiation **PVPOSvsPVNEG** phenotype **PVvsEXC** RiskyBehavior (GWAS P-value) SmokingInitiation percentile **PVvsVIP** 100 75 -log10 ( 50 25 NA Position on hg38





Lead: rs1837016, chr16:69515284-70081898, Traits: RiskyBehavior

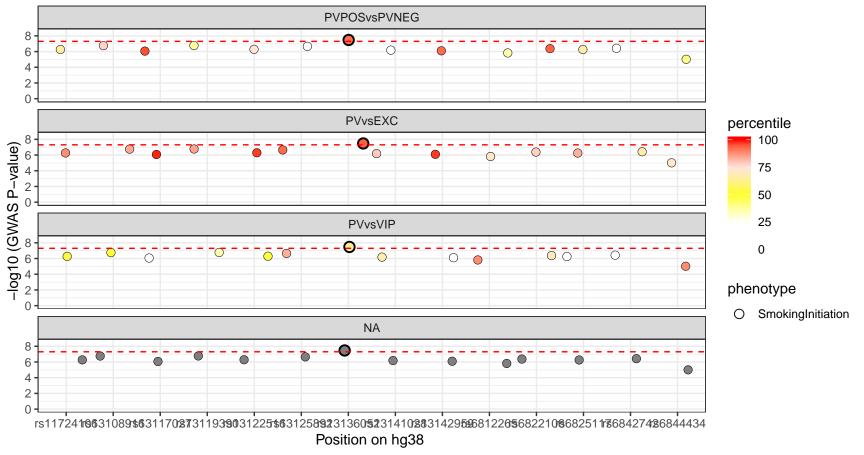


Lead: rs7555507, chr1:72494848-73618001, Traits: SmokingInitiation **PVPOSvsPVNEG** 12.5 5.0 2.5 0.0 **PVvsEXC** percentile 12.5 100 (GWAS P-value) 75 5.0 2.5 50 25 **PVvsVIP** 0 -log10 5.0 phenotype 2.5 0.0 SmokingInitiation NA 12.5 10.0 7.5 5.0 2.5

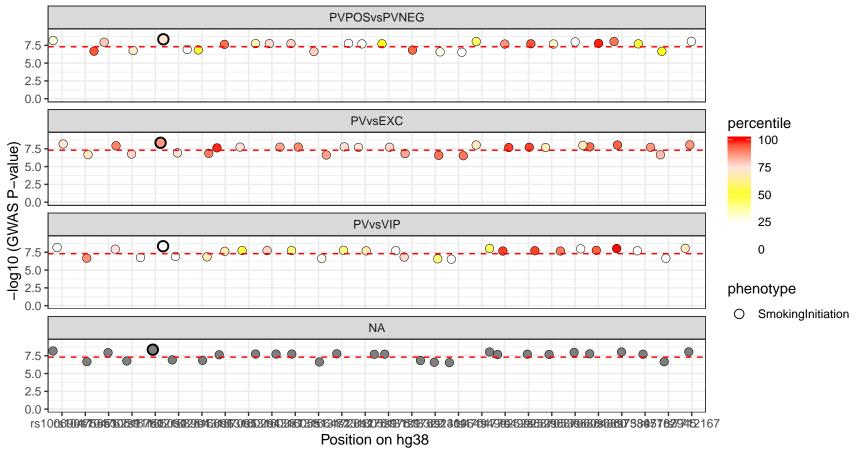
Position on hg38

#### Lead: rs13030994, chr2:144642750–145577918, Traits: RiskyBehavior, SmokingInitiation **PVPOSvsPVNEG** 25 20 phenotype **PVvsEXC** 25 RiskyBehavior P-value) SmokingInitiation (GWAS percentile **PVvsVIP** 100 75 -log10 50 25 NA 25 20 -15 -Position on hg38

#### Lead: rs13136052, chr4:138790572–138806873, Traits: SmokingInitiation



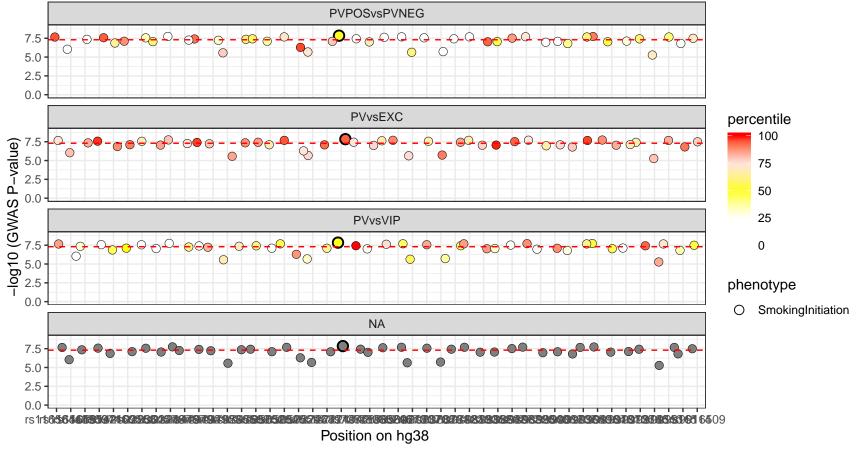
Lead: rs11135030, chr5:158286074–158373654, Traits: SmokingInitiation



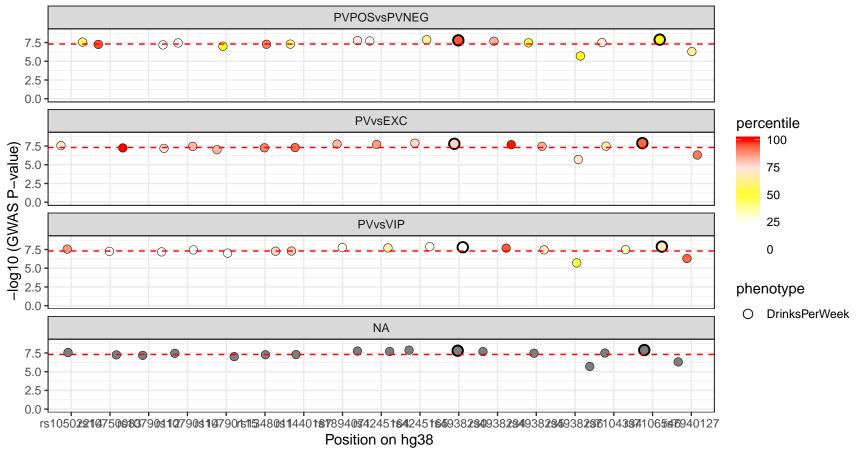
Lead: rs846799, chr6:100505171-101166436, Traits: SmokingInitiation **PVPOSvsPVNEG** 5.0 2.5 0.0 **PVvsEXC** percentile 100 -log10 (GWAS P-value) 75 50 25 **PVvsVIP** 0 phenotype 0.0 SmokingInitiation NA 5.0 2.5 Position on hg38

Lead: rs4236259, chr7:1601018–2131815, Traits: RiskyBehavior, SmokingInitiation **PVPOSvsPVNEG** 12 phenotype **PVvsEXC** RiskyBehavior -log10 (GWAS P-value) SmokingInitiation percentile **PVvsVIP** 100 75 50 25 NA 0 12 Position on hg38

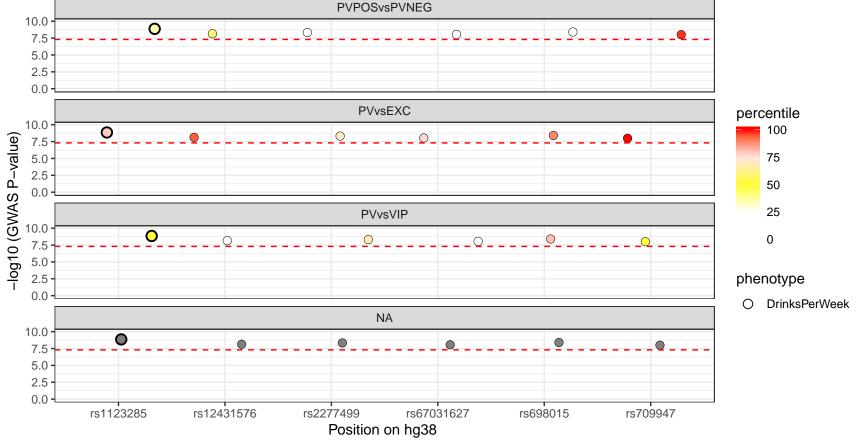
Lead: rs7224742, chr17:32301714-32497063, Traits: SmokingInitiation

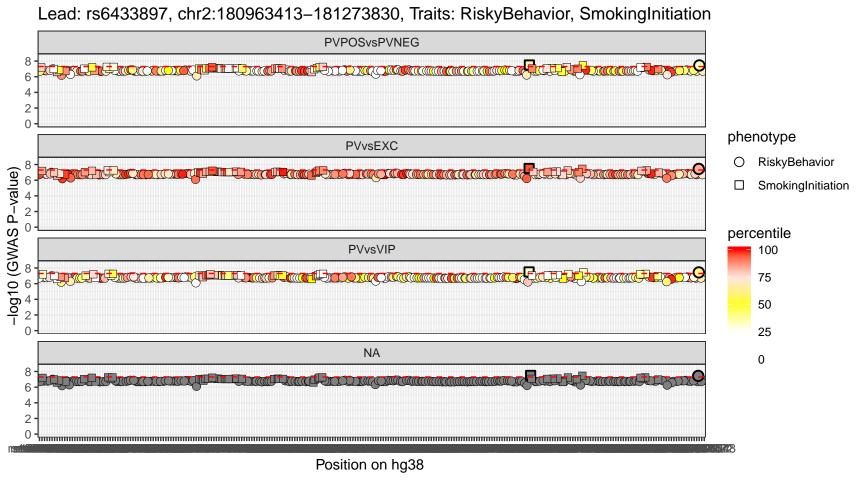


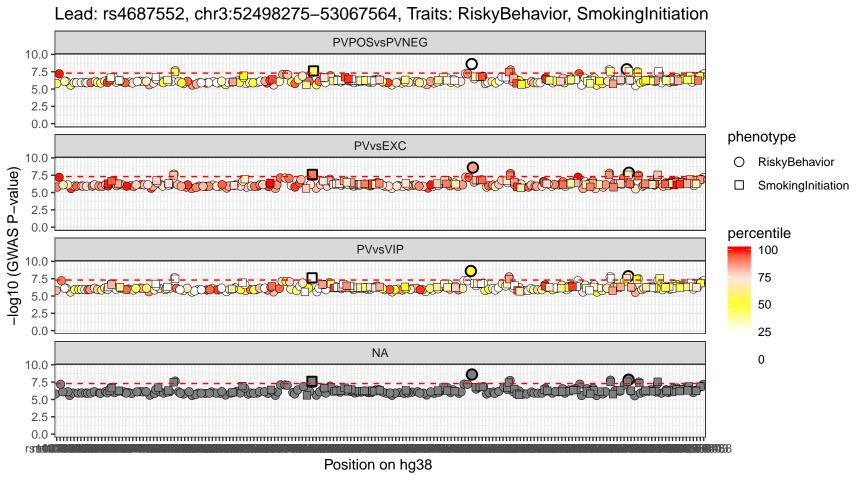
Lead: rs7106546, chr11:116202451–116231671, Traits: DrinksPerWeek



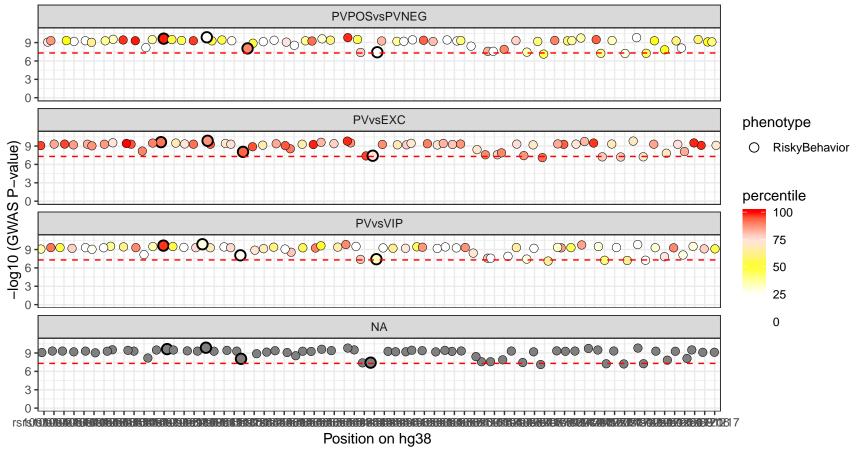
Lead: rs1123285, chr14:56803107–56826010, Traits: DrinksPerWeek



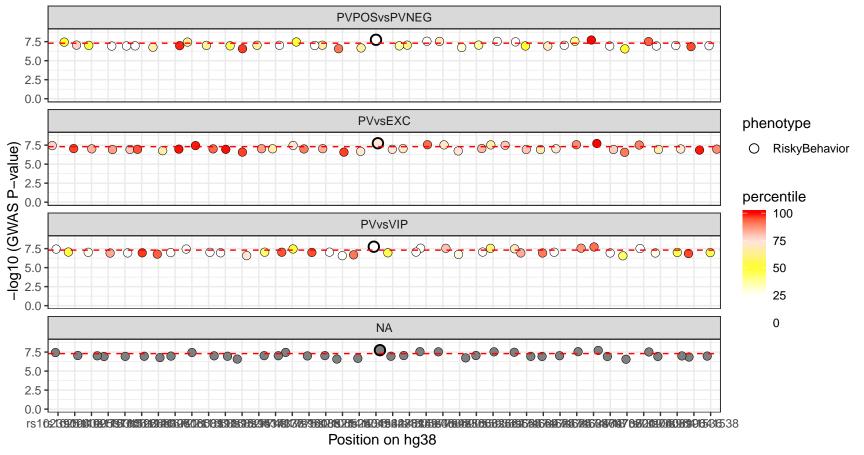




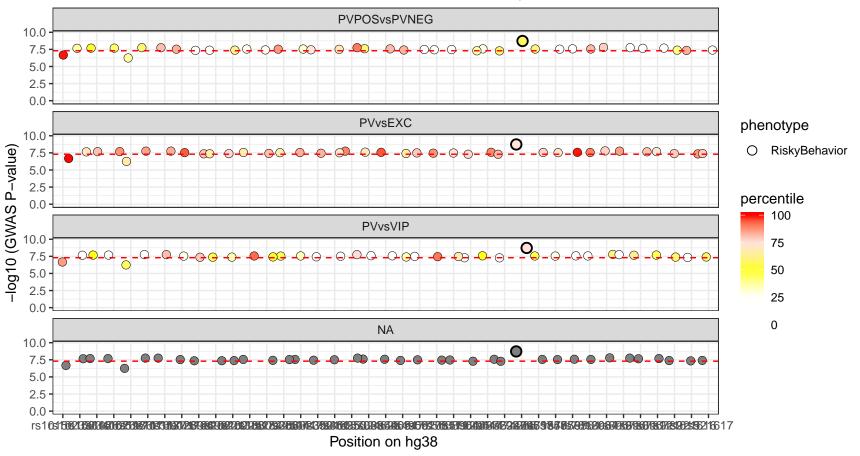
Lead: rs10939963, chr5:51208789-51705917, Traits: RiskyBehavior

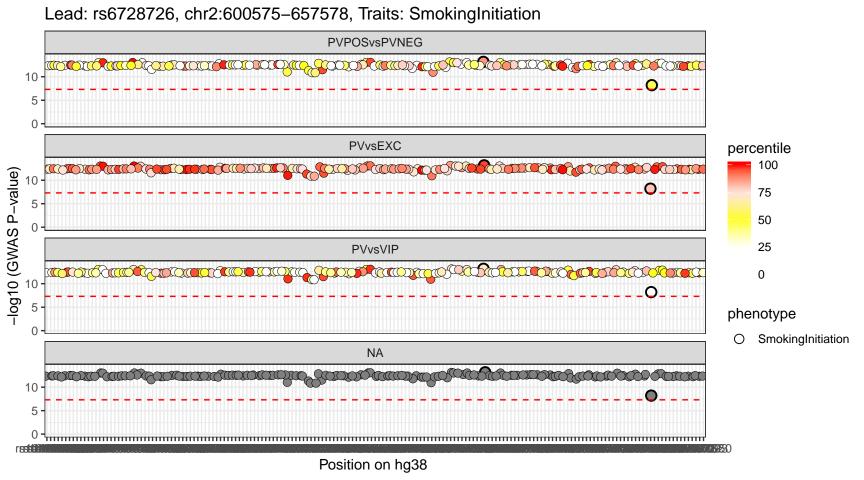


Lead: rs2401924, chr7:115300093–115473225, Traits: RiskyBehavior

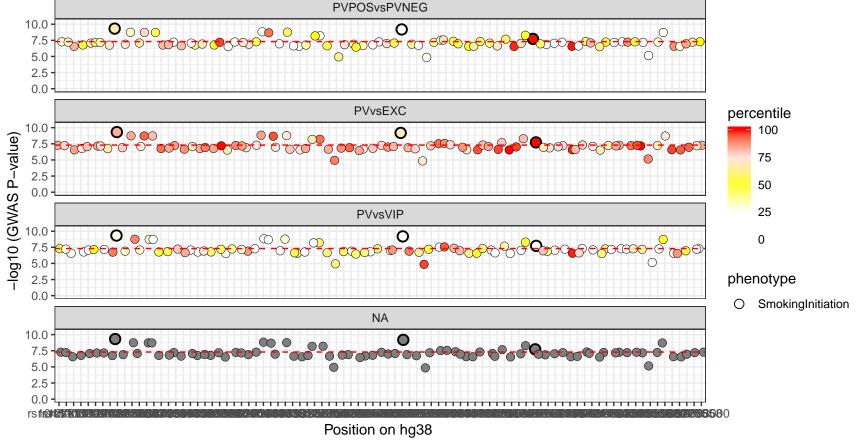


Lead: rs62479657, chr7:158316505–158337366, Traits: RiskyBehavior

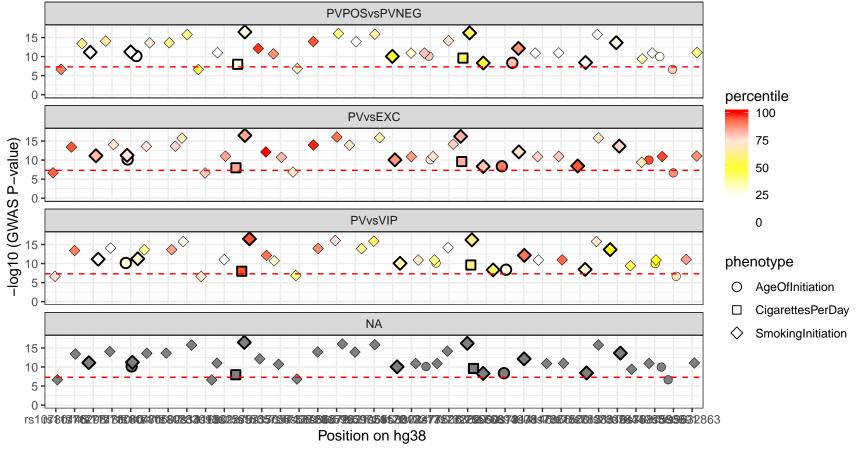




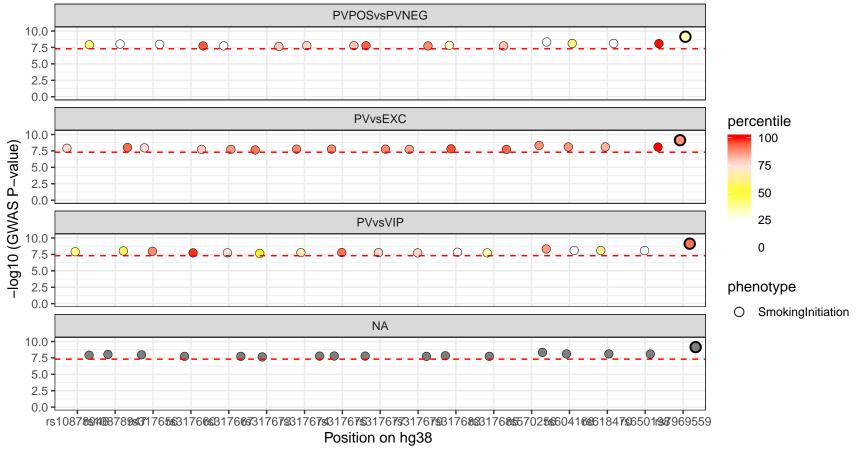
Lead: rs12632110, chr3:49572044–50211521, Traits: SmokingInitiation

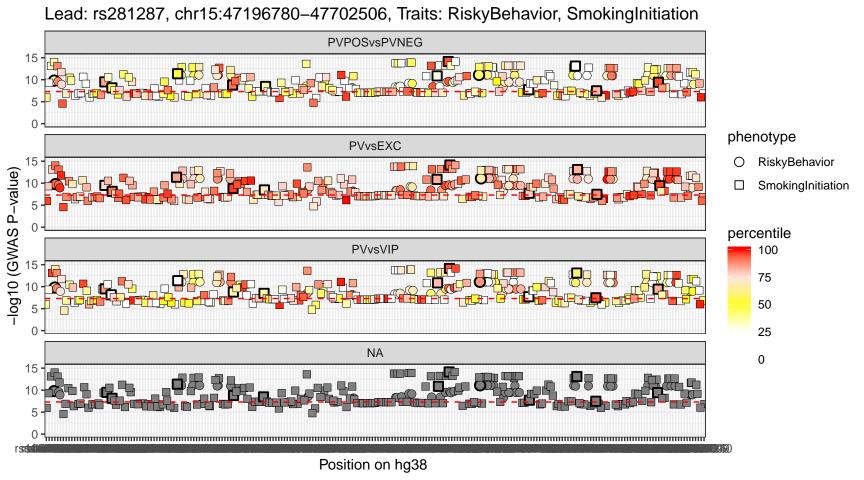


Lead: rs1565735, chr8:27250359–27613261, Traits: AgeOfInitiation, CigarettesPerDay, SmokingInitiation



Lead: rs7969559, chr12:69228304–69333410, Traits: SmokingInitiation





Lead: rs6508144, chr18:52439028–52499772, Traits: RiskyBehavior, SmokingInitiation **PVPOSvsPVNEG O**O-7.5 5.0 2.5 0.0 phenotype **PVvsEXC** RiskyBehavior -log10 (GWAS P-value) -log10 (GWAS P-value) -log10 (GWAS P-value) -log10 (GWAS P-value) SmokingInitiation percentile **PVvsVIP** 100 75 5.0 -50 0.0 25 NA 0 7.5 -5.0 -2.5 0.0 **1977**748**393**47**5**4**9**59**6595**26**4952**08**1265**08**147**238**242**960**292**966766 Position on hg38

