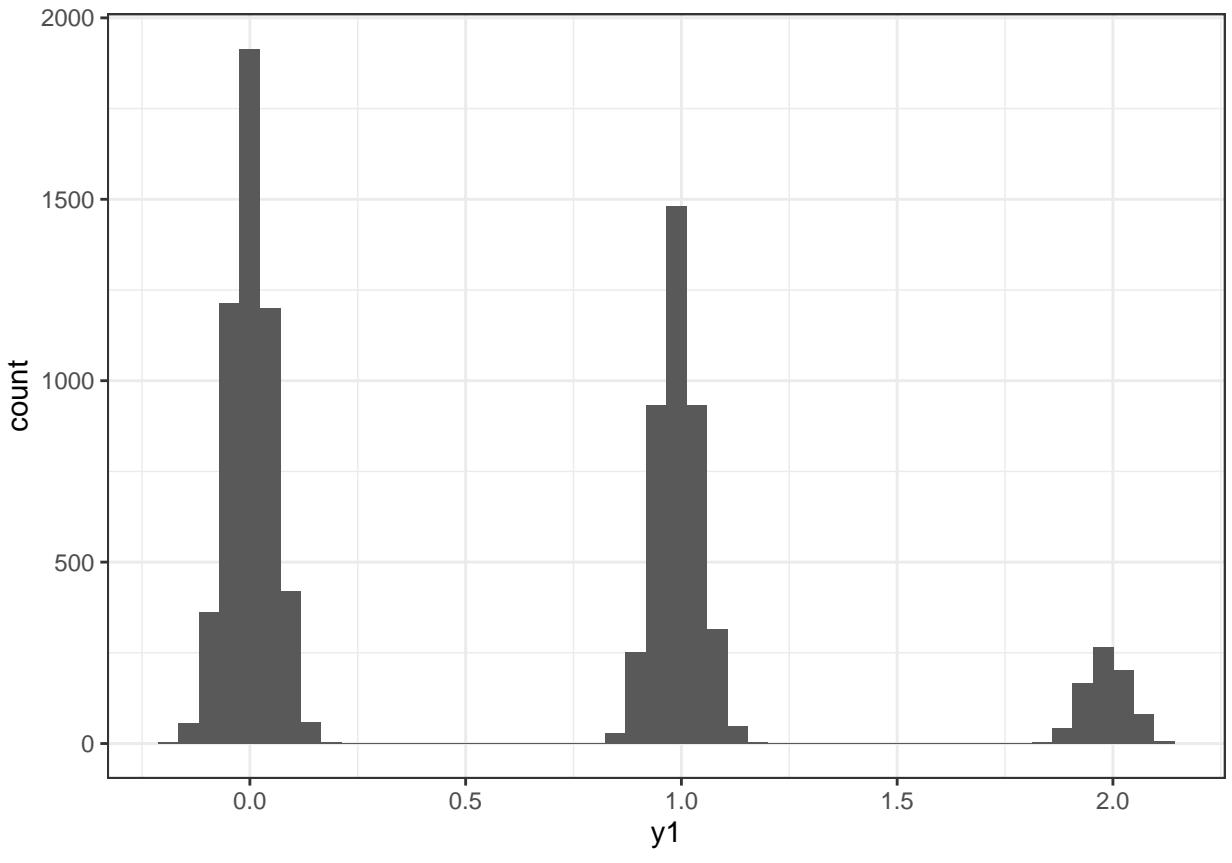


Report from Phemulator Simulations

Phemulator by Marcin Kierczak

`lubridate::today()`

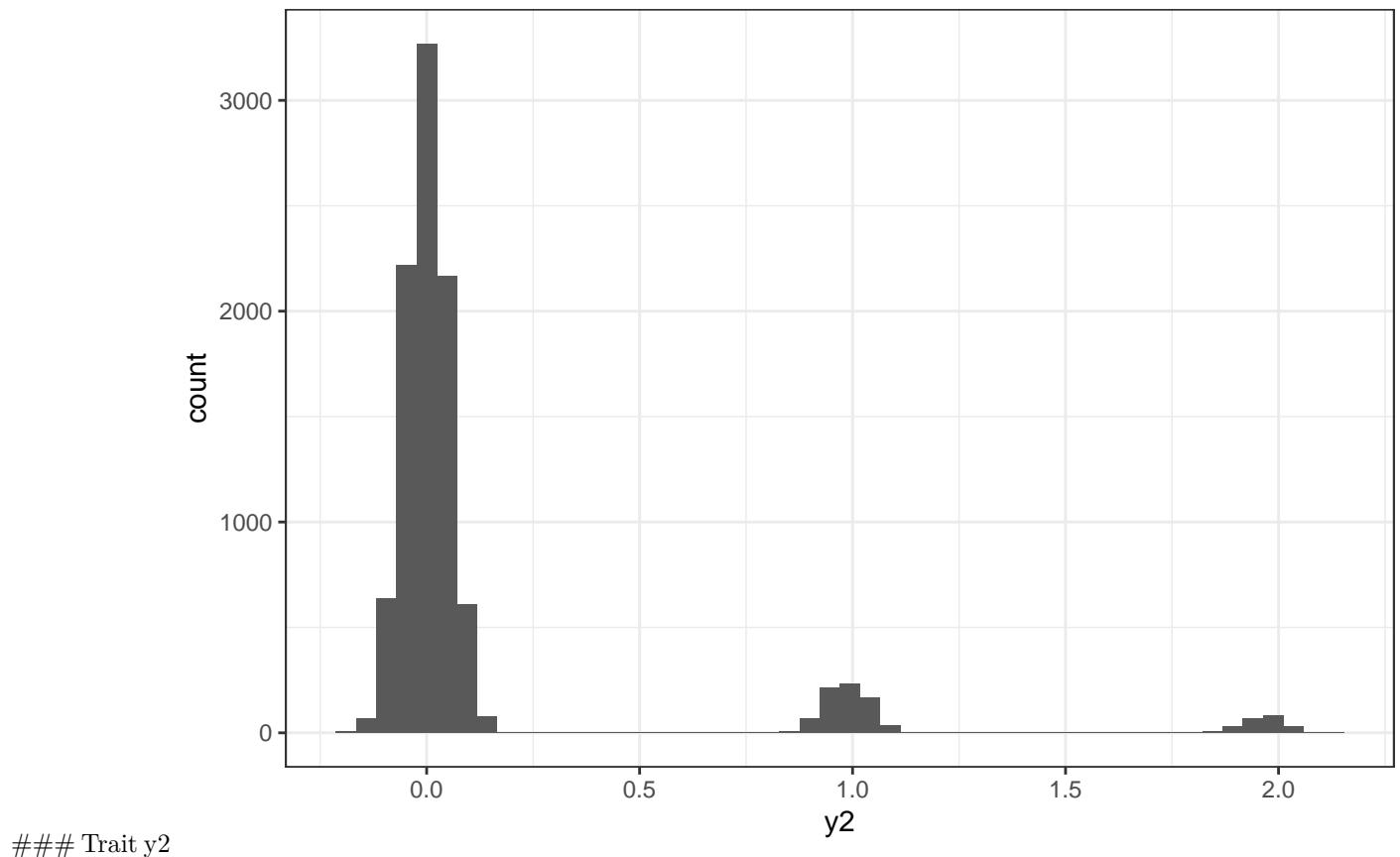
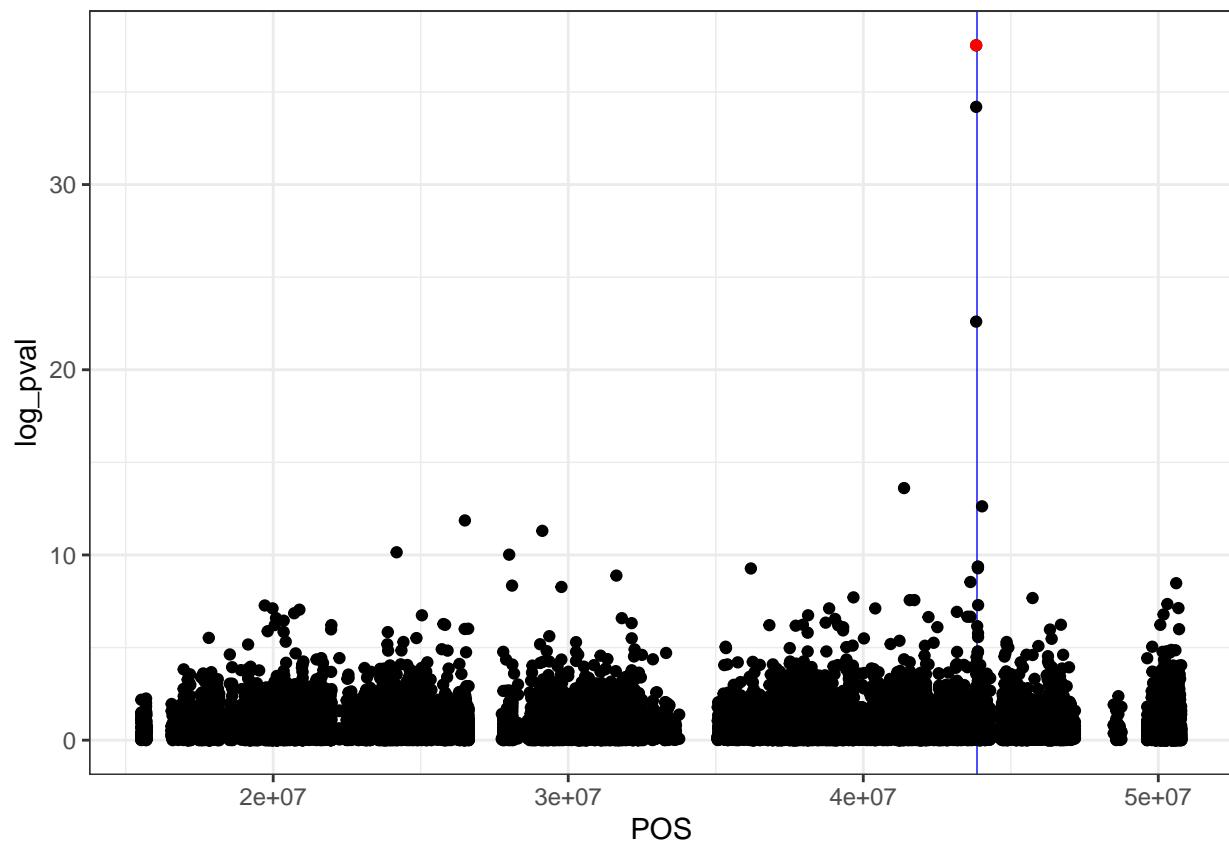
Plot phenotypes



Trait y1

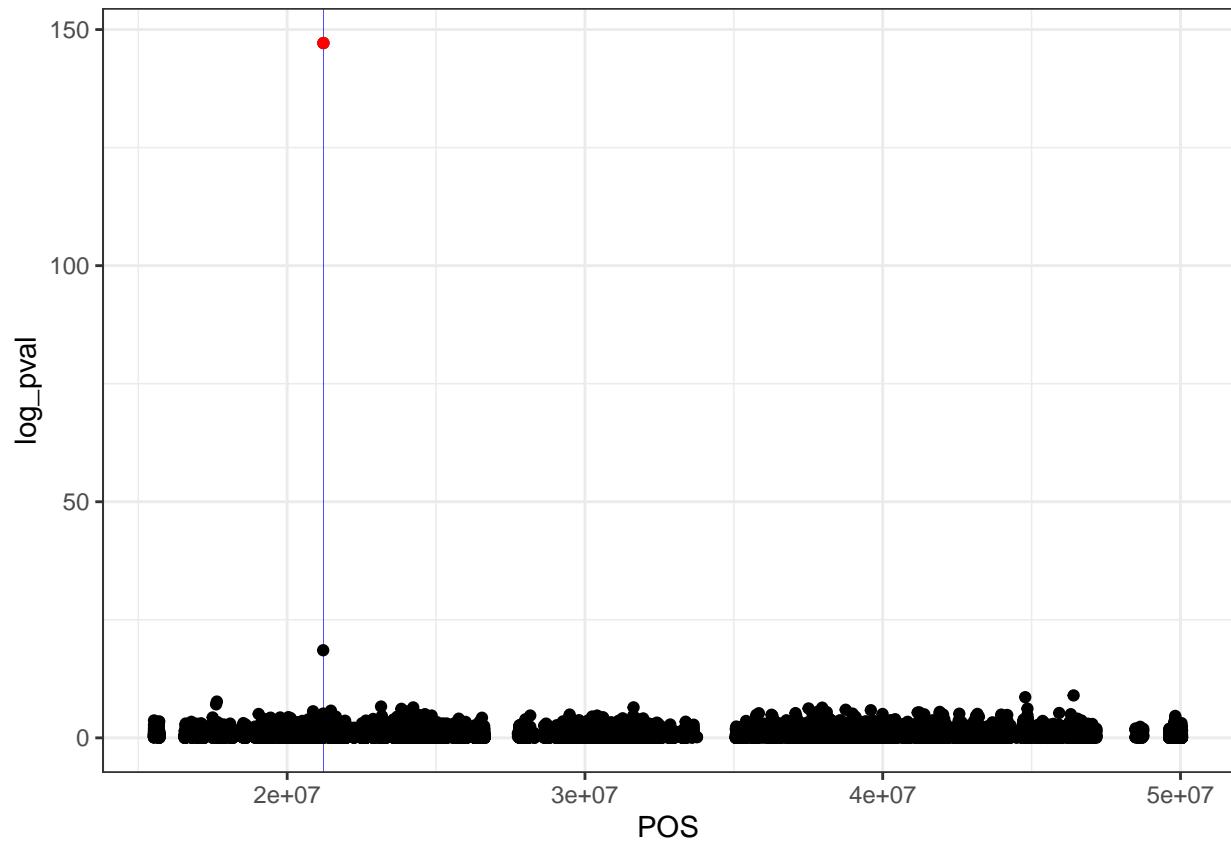
name	value
region	43826000-43862382
gene	SULT4A1
num_valid_mrks	15

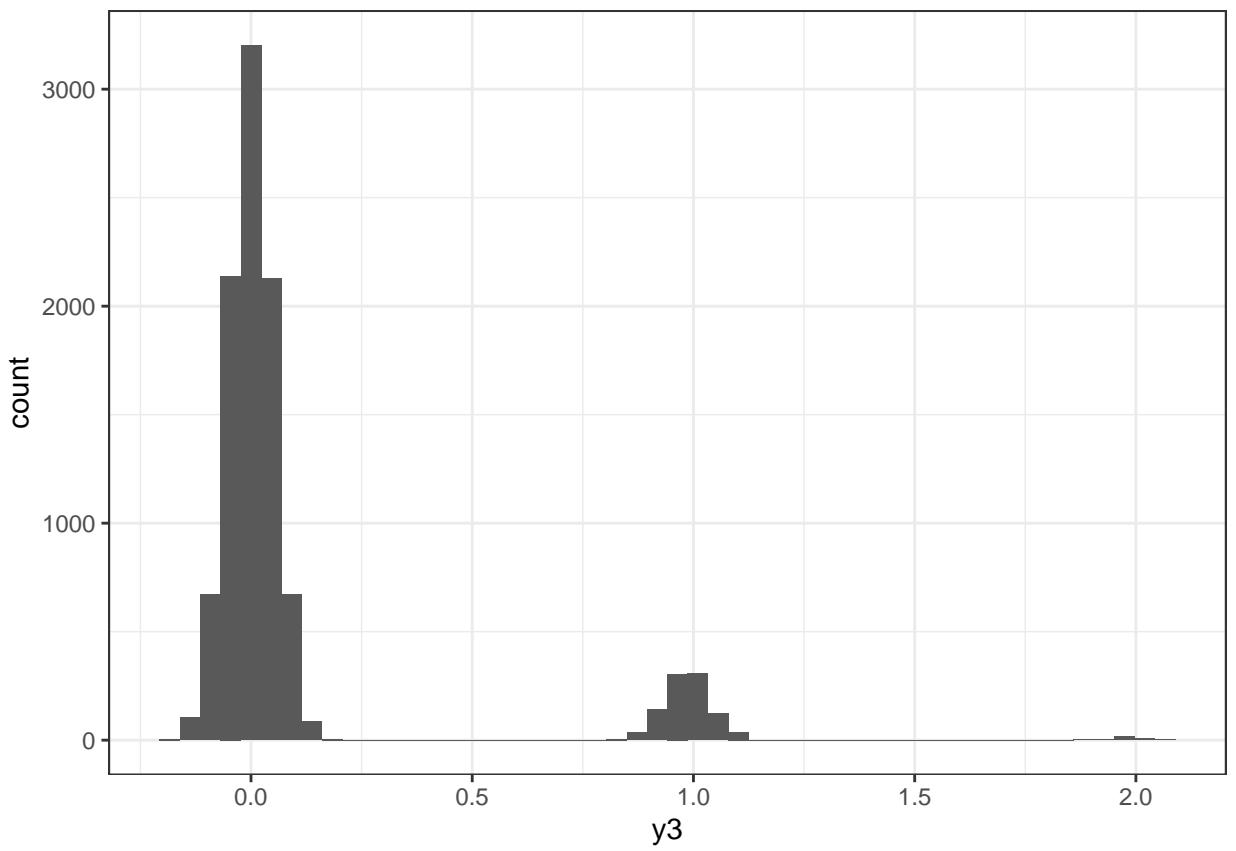
CHR	pos	maf	MAF	eff	BETA	A1	A2	A2_cnt	N	log_pval
22	43826465	0.277	0.277	0.992	-0.167	T	C	14462	10000	37.516



name	value
region	21208137-21225554
gene	GGT2
num_valid_mrks	1

CHR	pos	maf	MAF	eff	BETA	A1	A2	A2_cnt	N	log_pval
22	21216783	0.059	0.057	0.982	-0.84	C	G	18827	9985	147.142

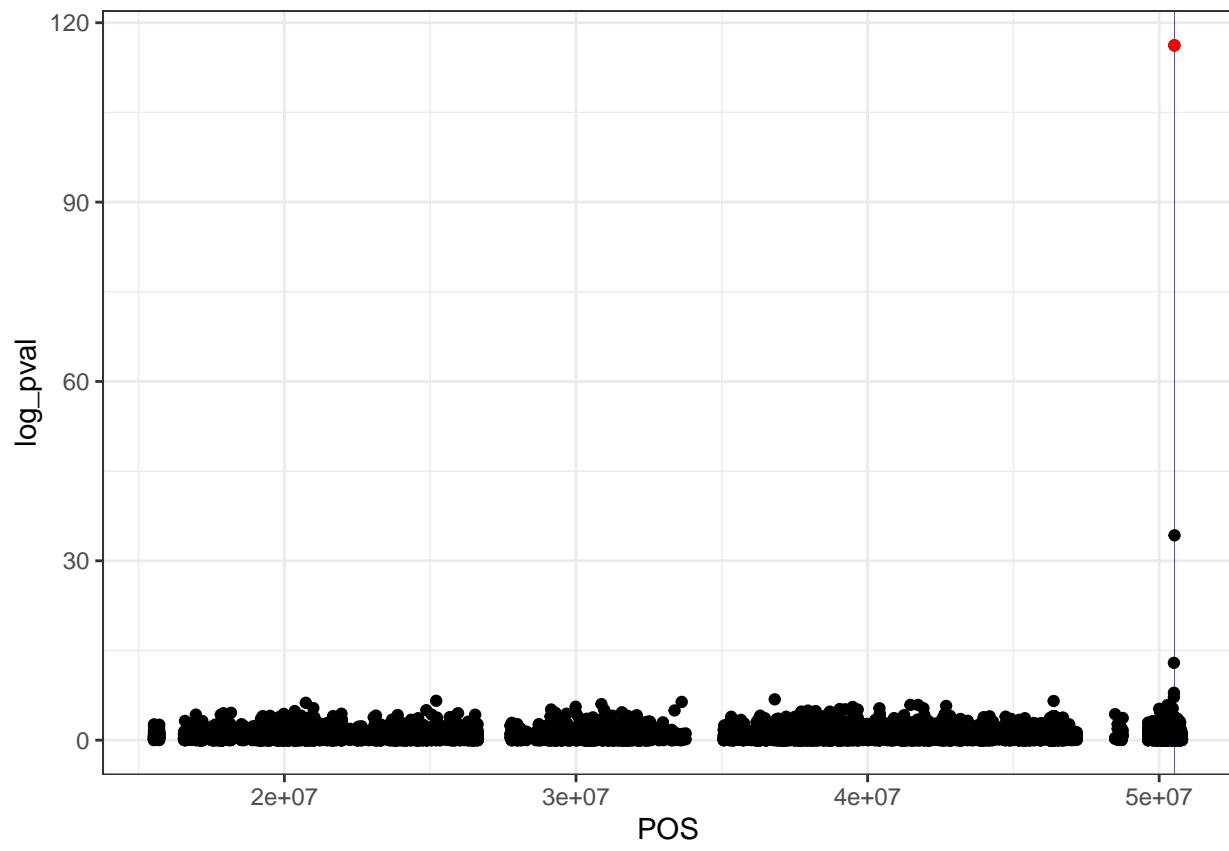


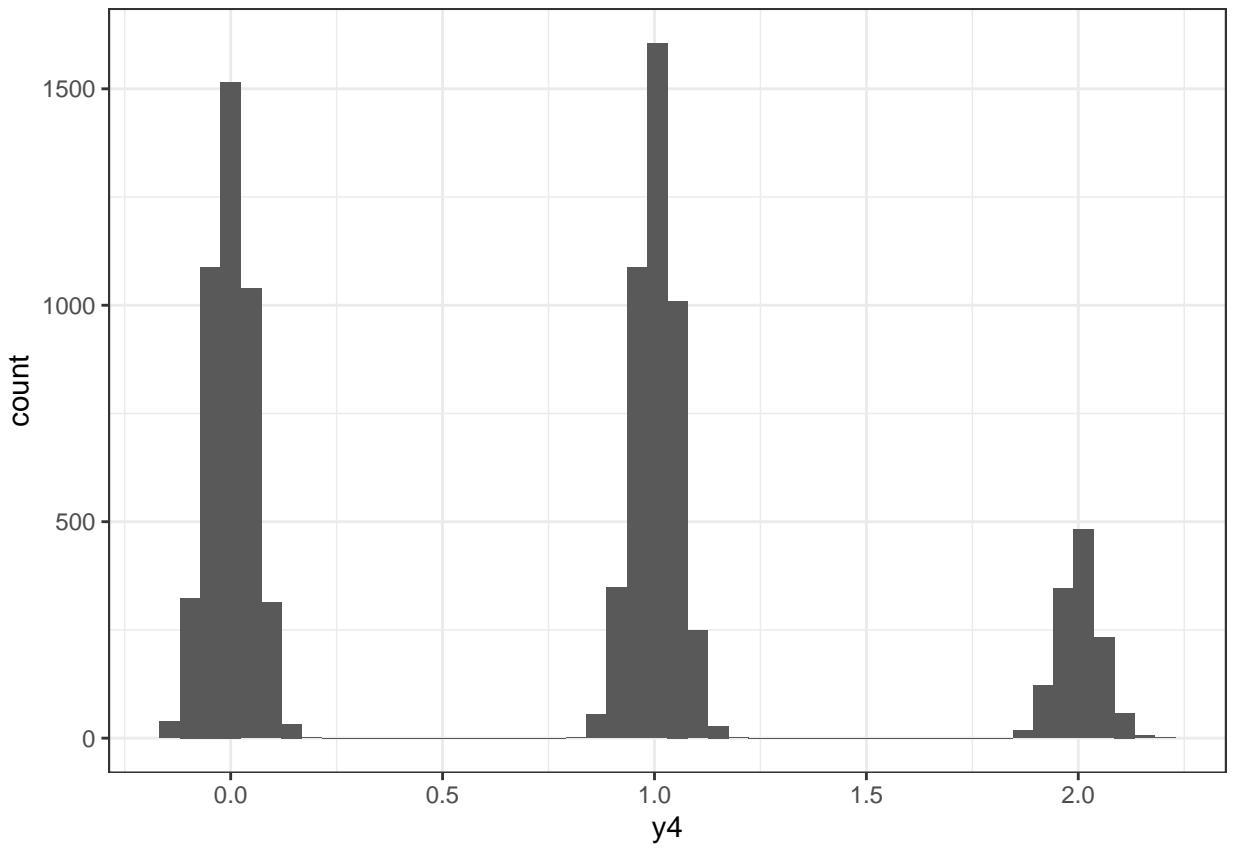


Trait y3

name	value
region	50508337-50523375
gene	NCAPH2
num_valid_mrks	5

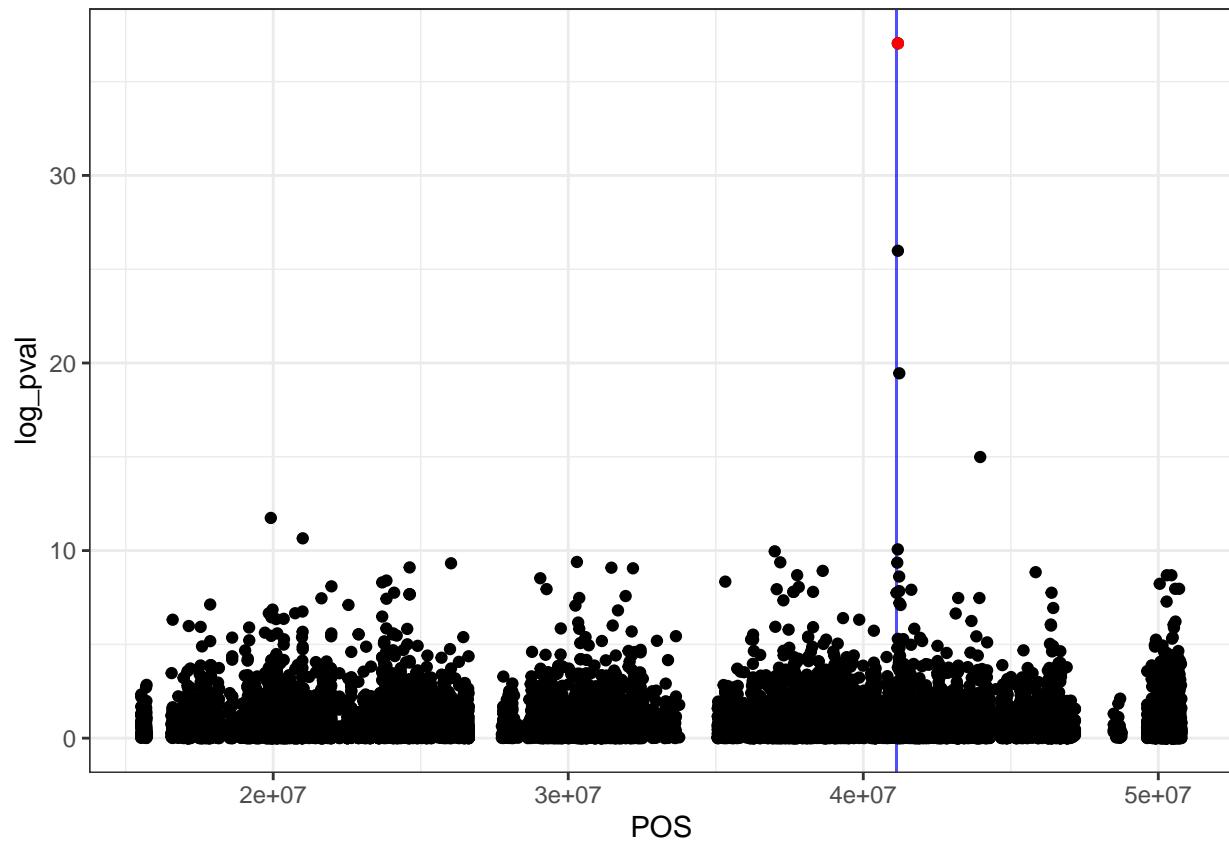
CHR	pos	maf	MAF	eff	BETA	A1	A2	A2_cnt	N	log_pval
22	50521109	0.051	0.051	0.988	-0.866	C	T	18979	9997	116.221

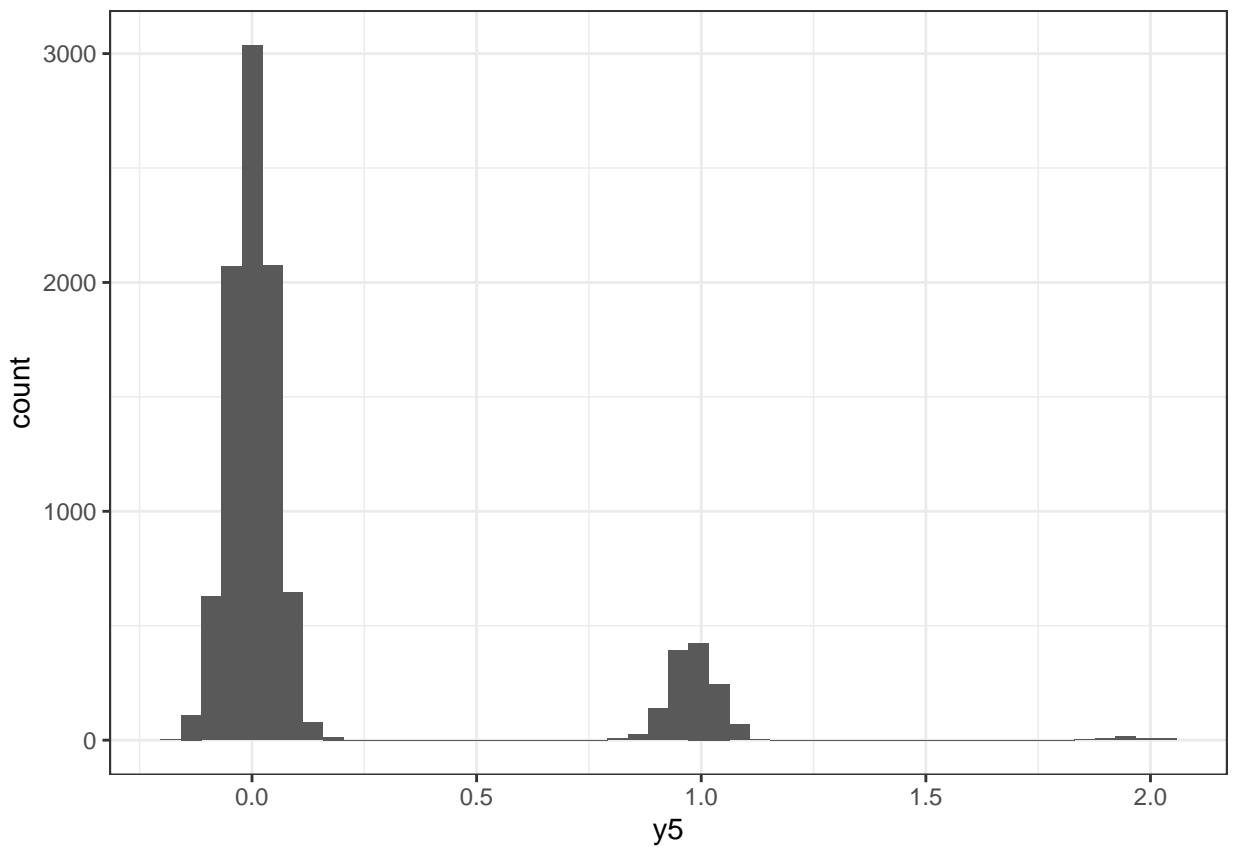




name	value
region	41093004-41178956
gene	EP300
num_valid_mrks	5

CHR	pos	maf	MAF	eff	BETA	A1	A2	A2_cnt	N	log_pval
22	41173883	0.346	0.341	1.003	-0.149	A	G	13089	9938	37.041

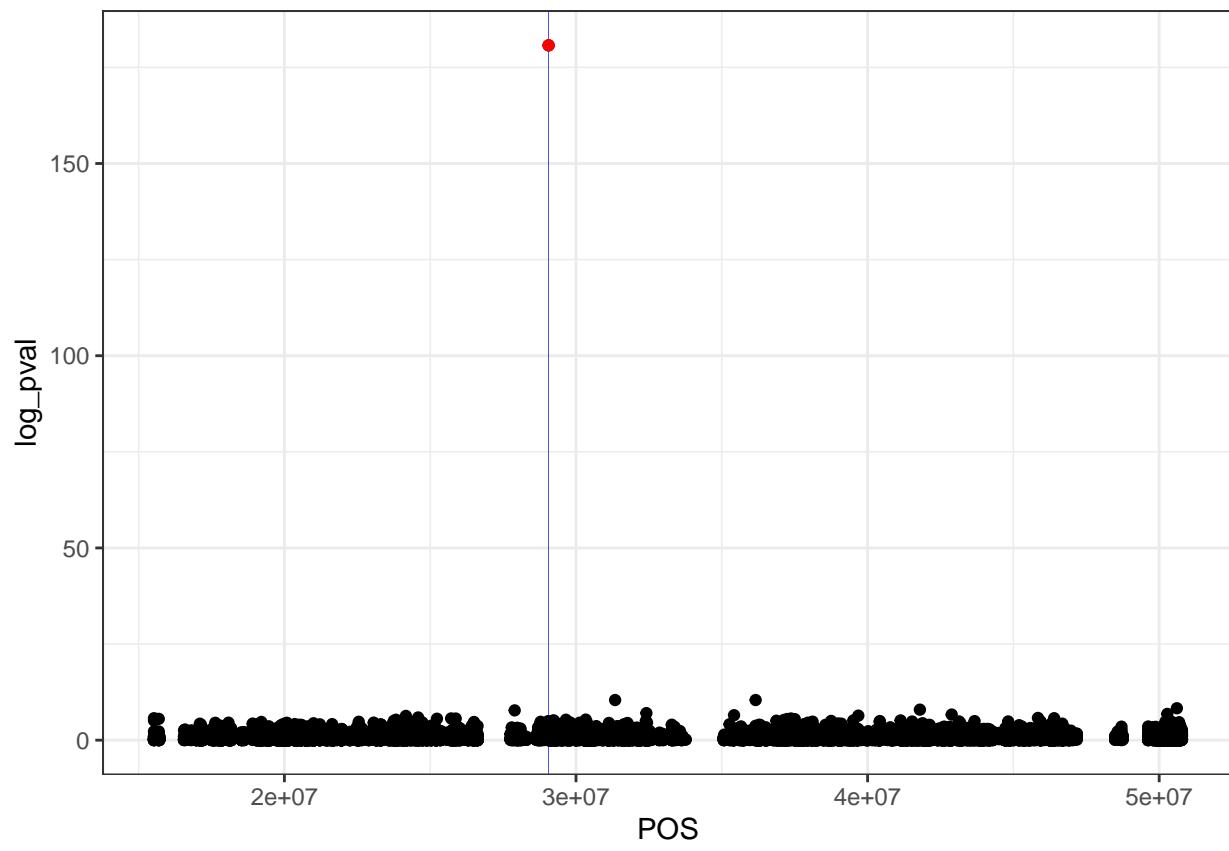


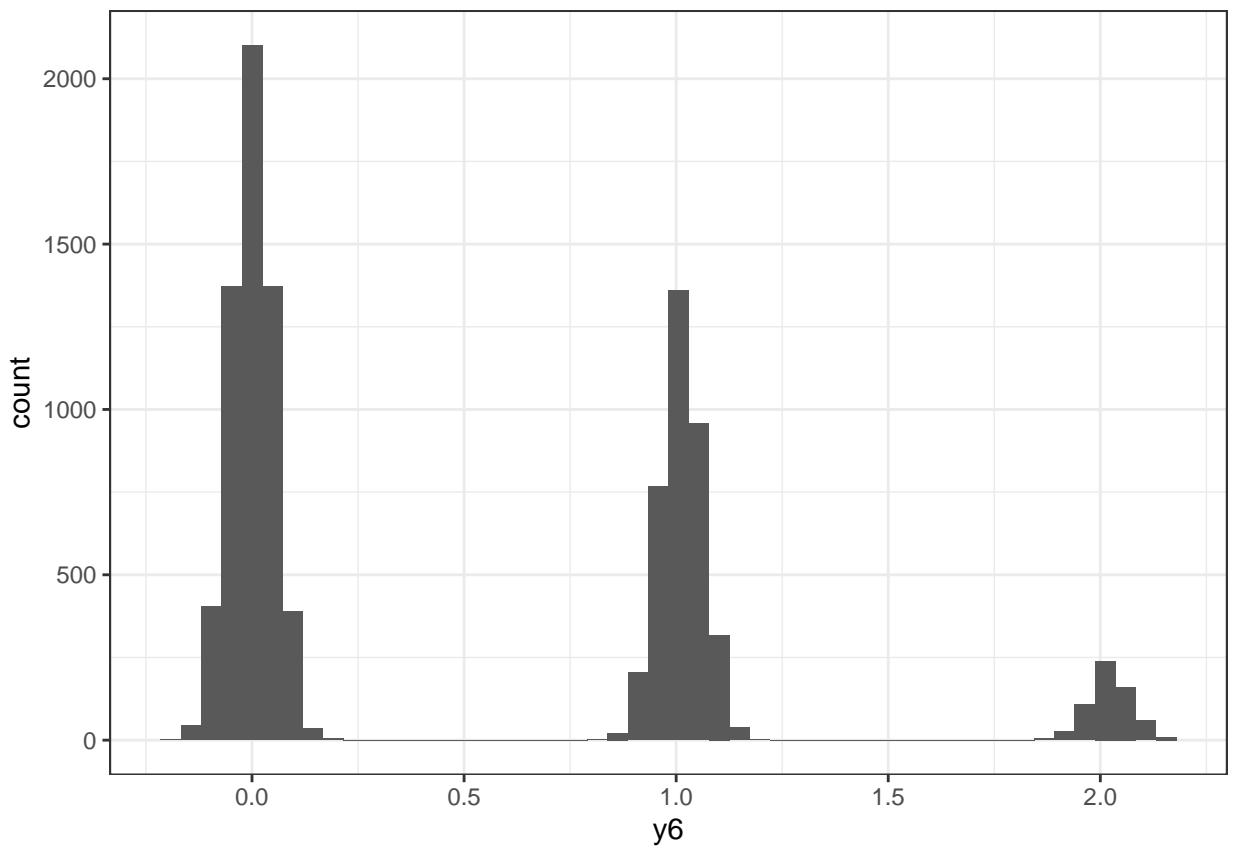


Trait y5

name	value
region	29058741-29061792
gene	C22orf31
num_valid_mrks	1

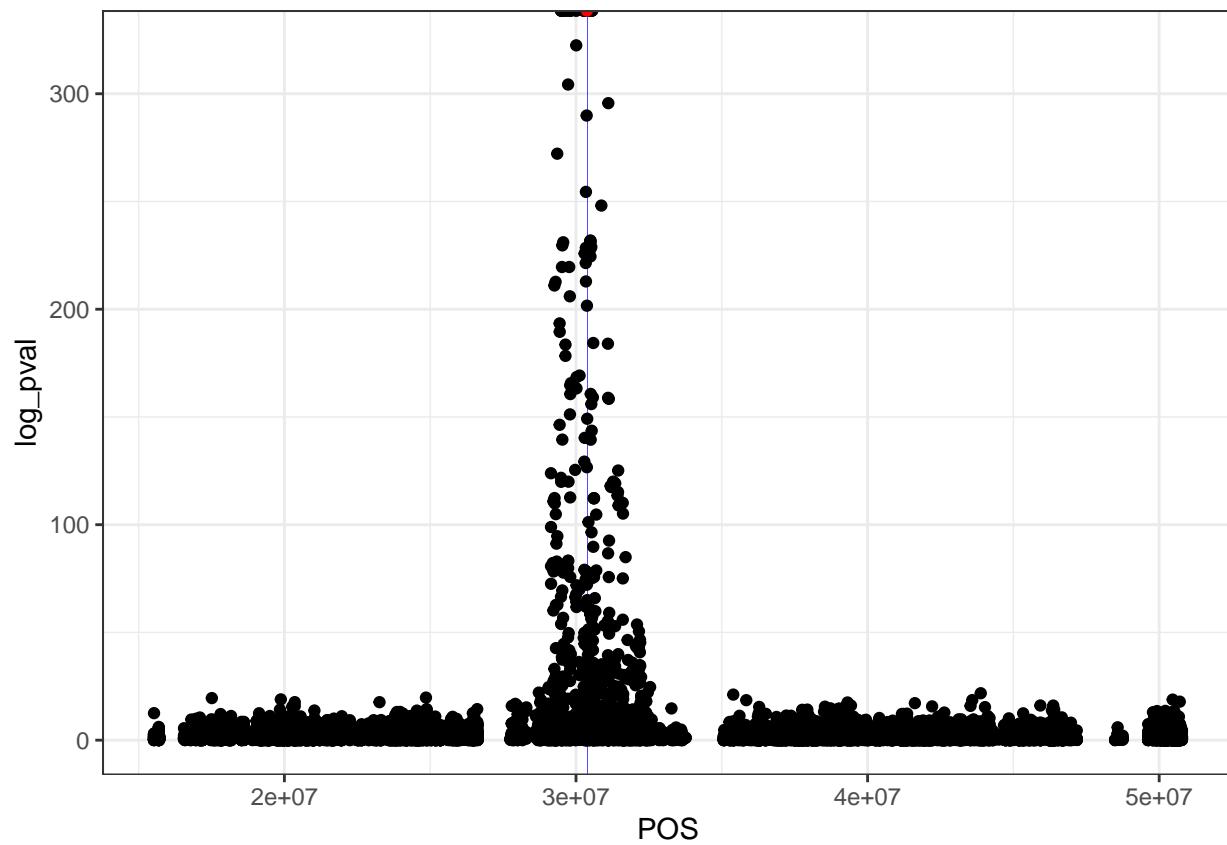
CHR	pos	maf	MAF	eff	BETA	A1	A2	A2_cnt	N	log_pval
22	29060372	0.069	0.069	0.983	-0.971	T	C	18620	9997	180.733

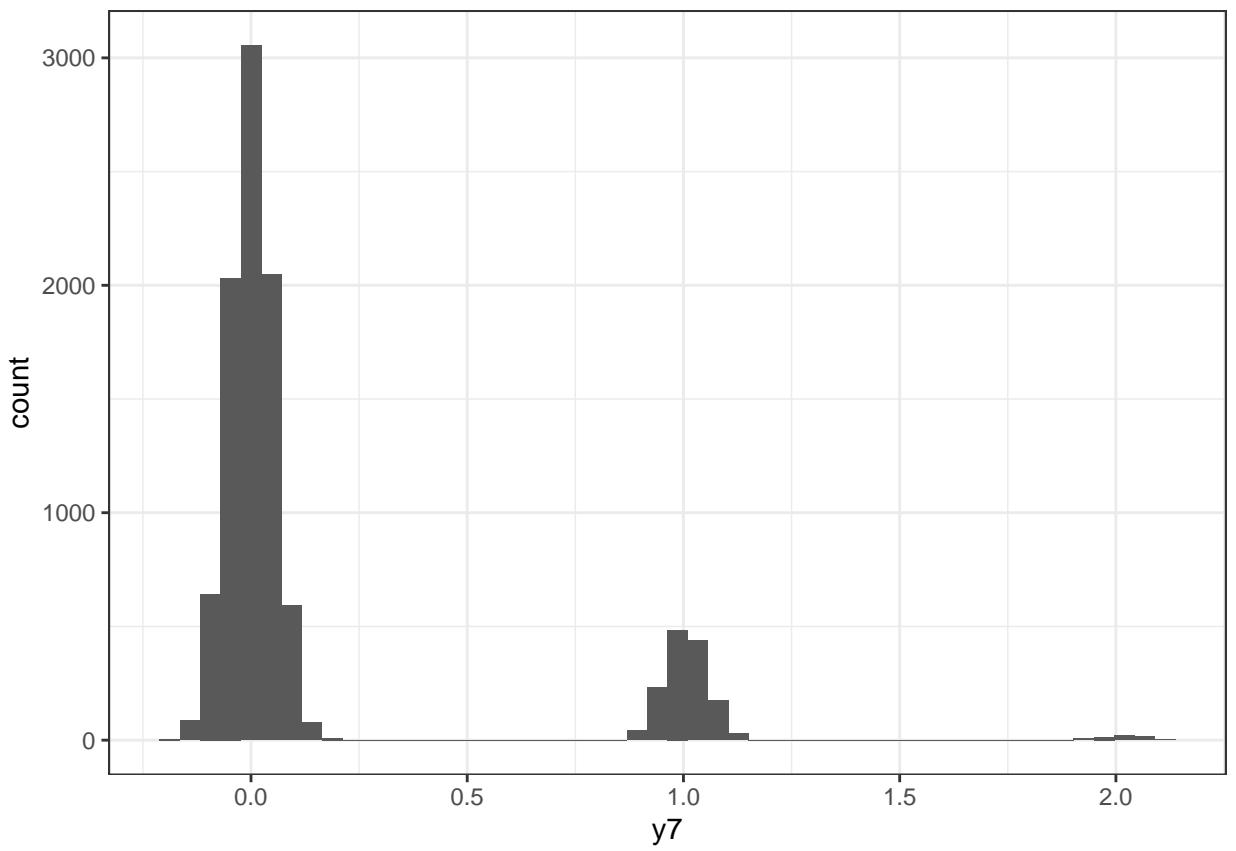




name	value
region	30374386-30387313
gene	RNF215
num_valid_mrks	8

CHR	pos	maf	MAF	eff	BETA	A1	A2	A2_cnt	N	log_pval
22	30375469	0.244	0.244	1.013	-1.381	C	T	15117	10000	Inf

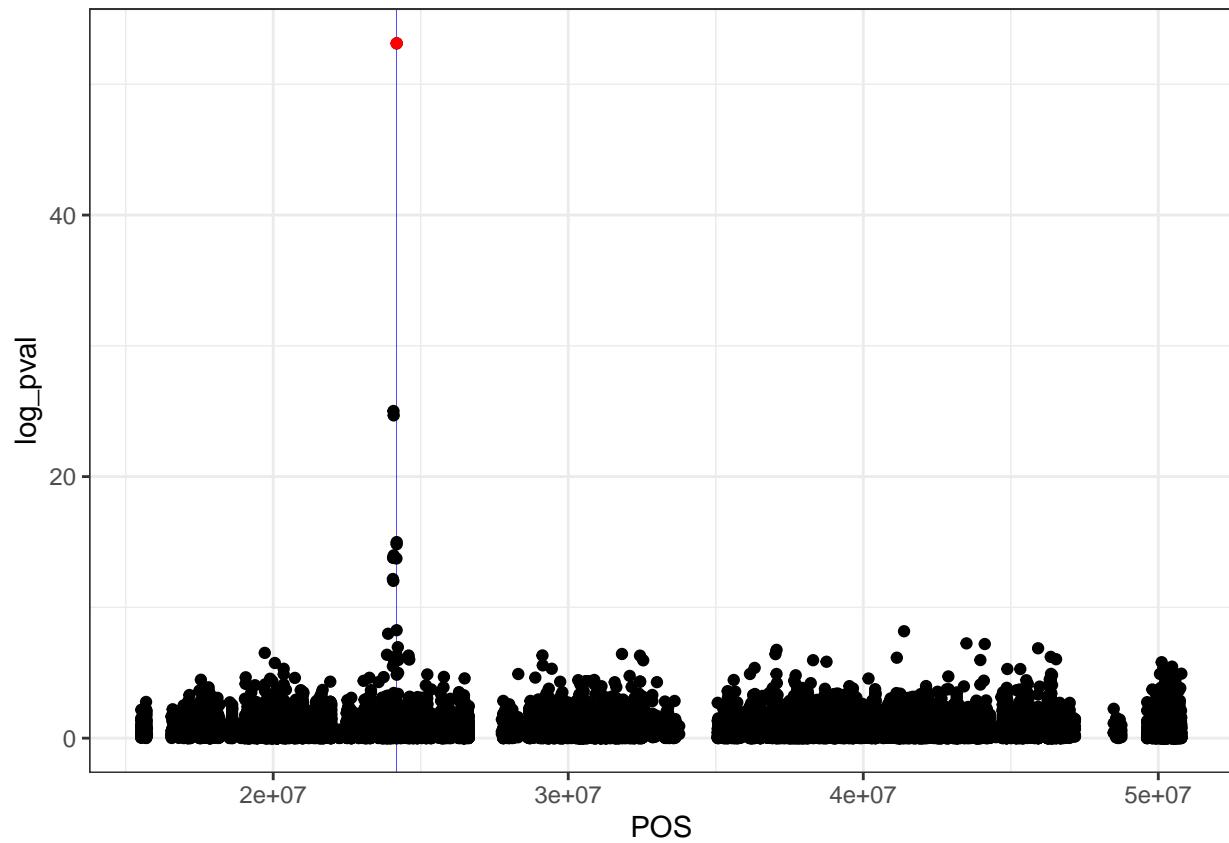


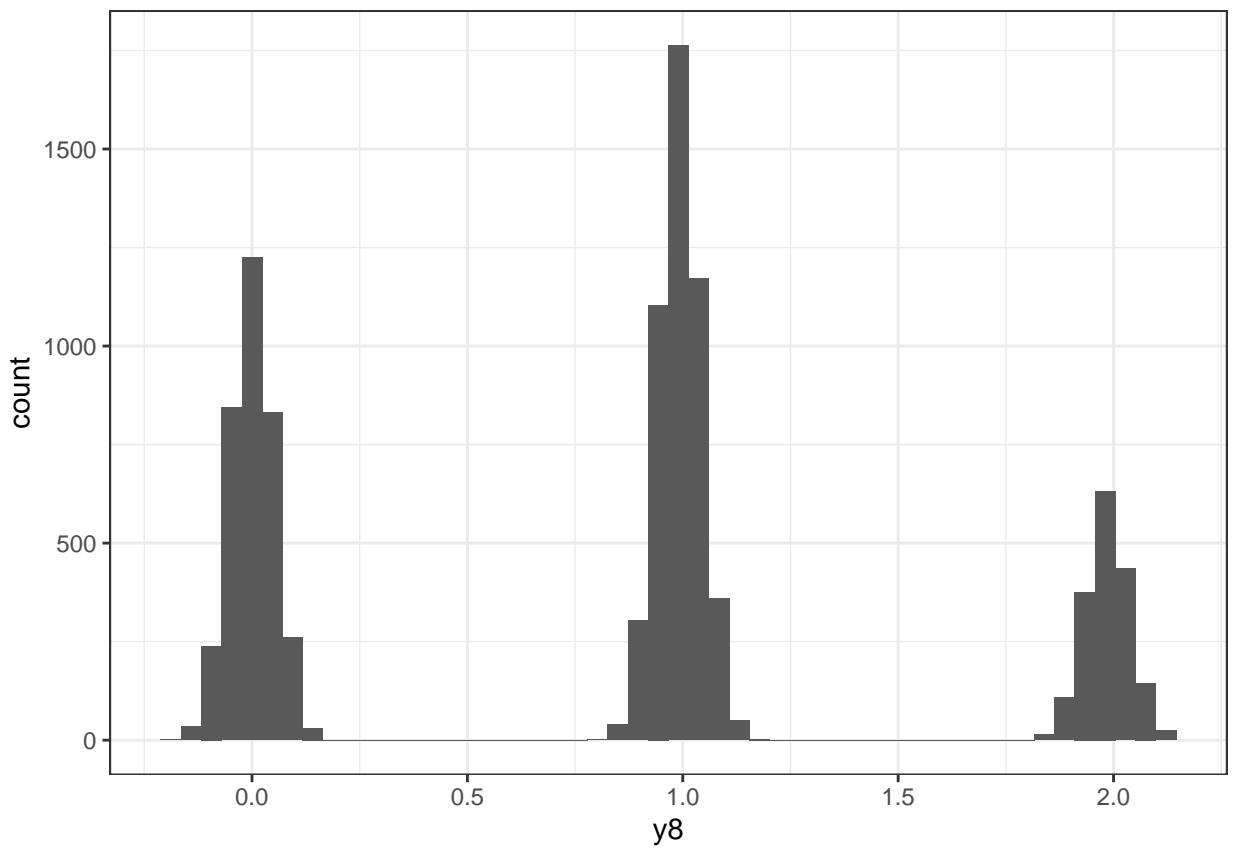


Trait y7

name	value
region	24181519-24188436
gene	SUSD2
num_valid_mrks	5

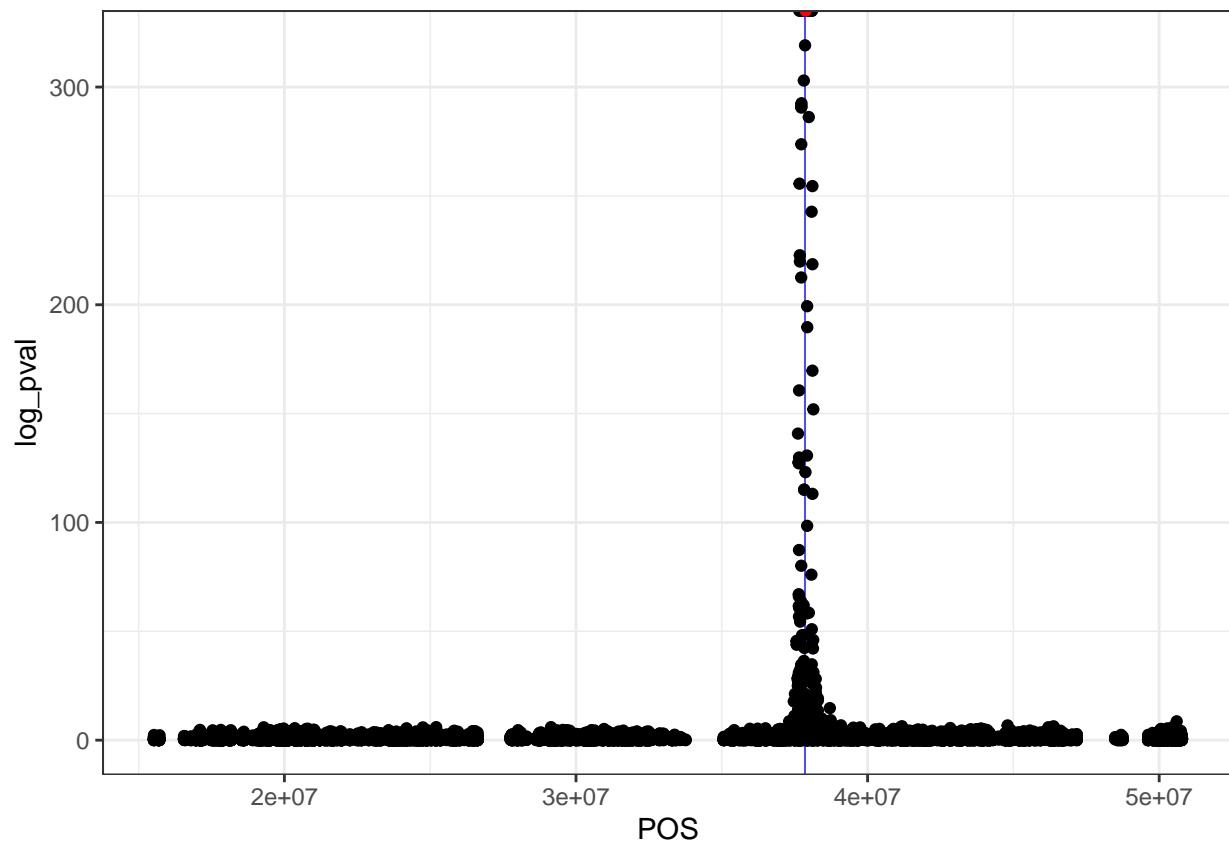
CHR	pos	maf	MAF	eff	BETA	A1	A2	A2_cnt	N	log_pval
22	24184956	0.076	0.076	1.005	-0.451	G	T	18485	9998	53.13

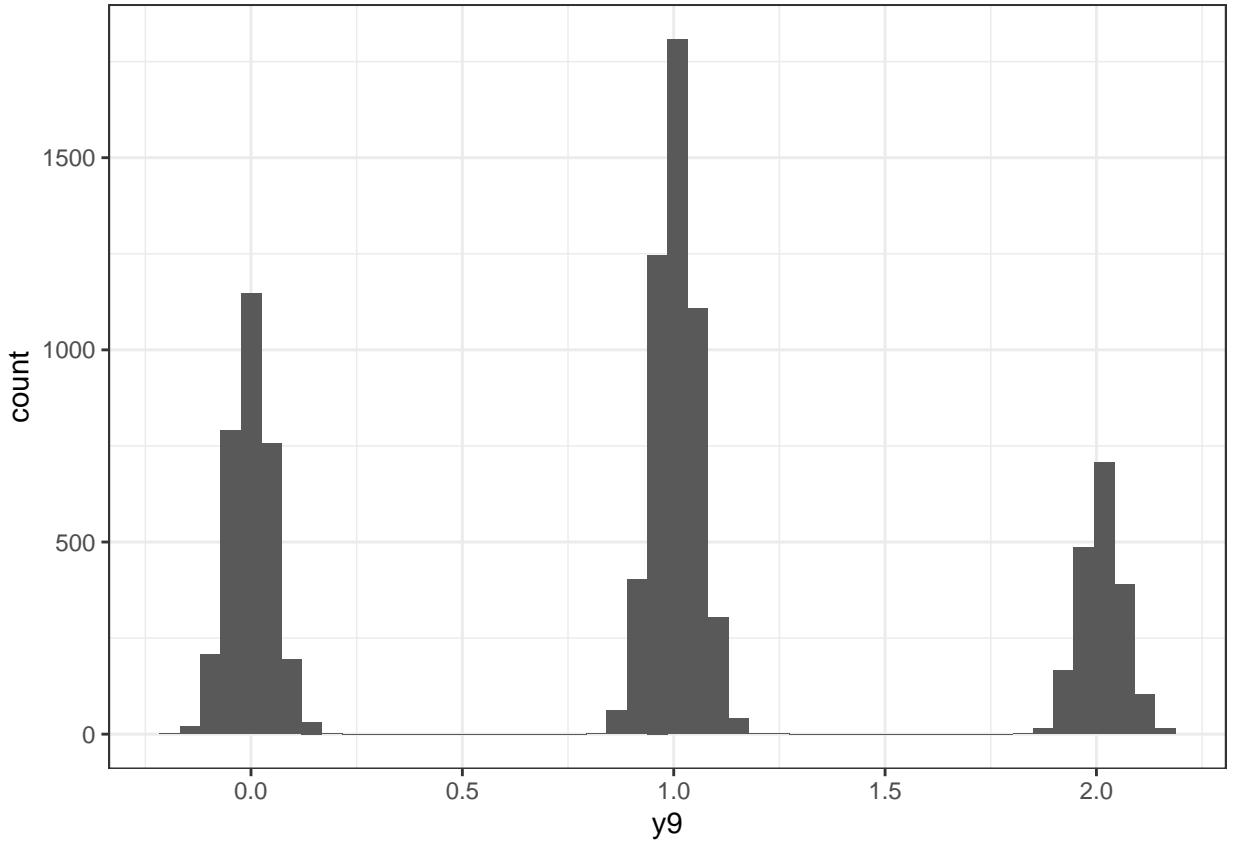




name	value
region	37849320-37888464
gene	EIF3L
num_valid_mrks	3

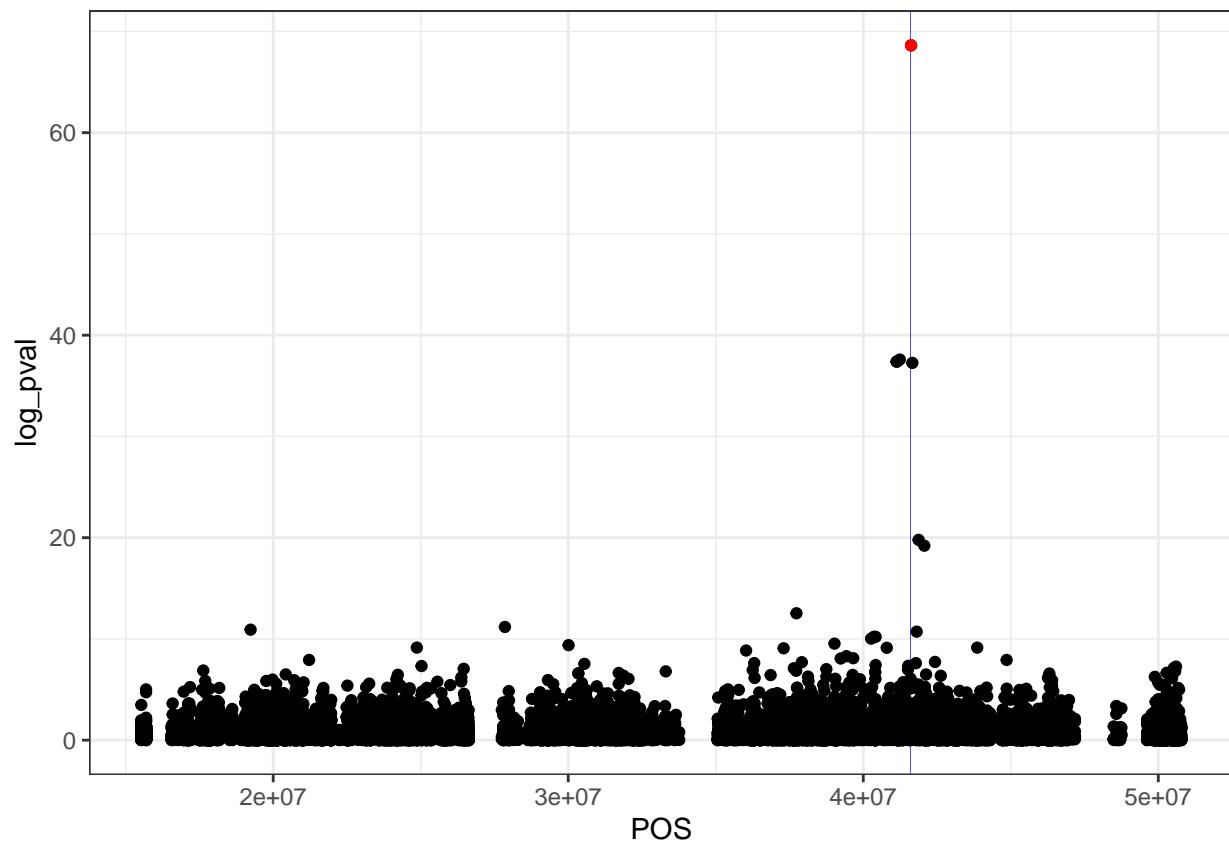
CHR	pos	maf	MAF	eff	BETA	A1	A2	A2_cnt	N	log_pval
22	37877742	0.413	0.413	0.992	-1.276	C	T	11734	9998	Inf

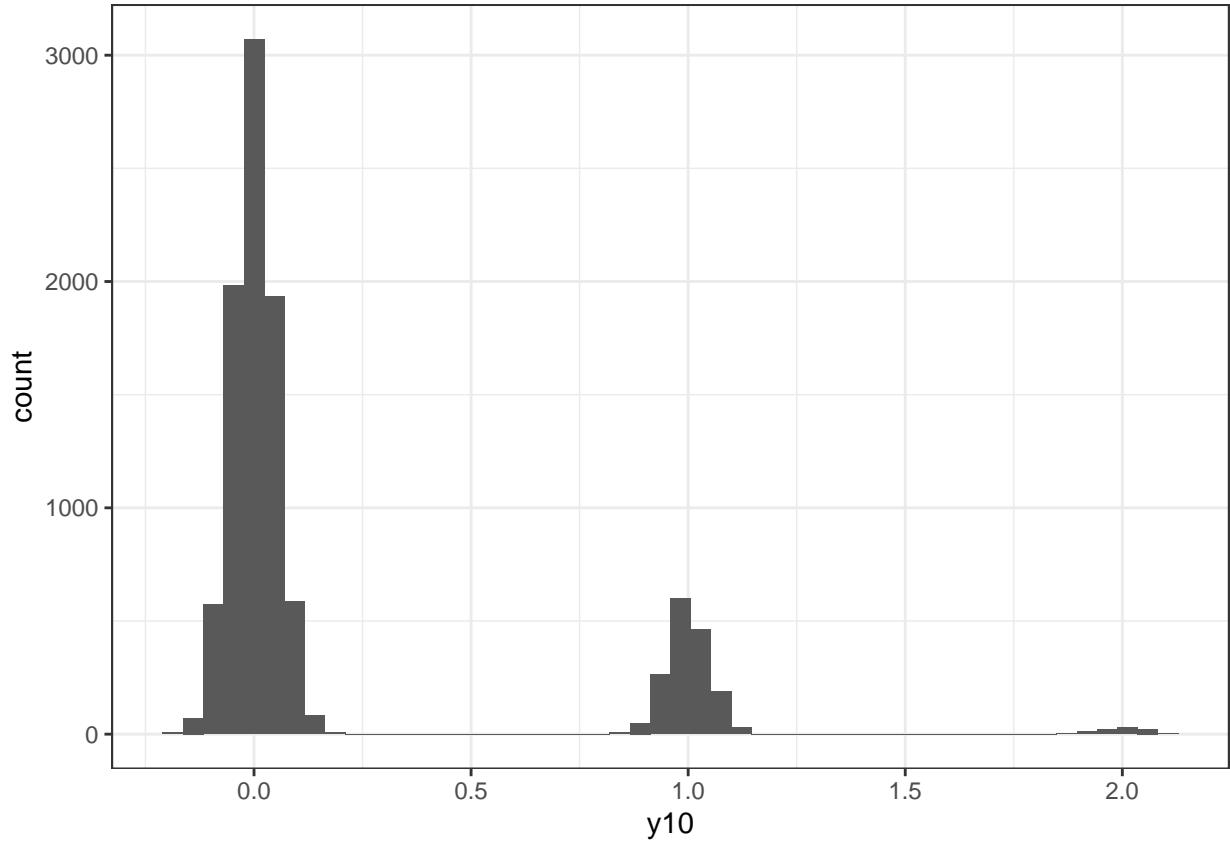




name	value
region	41601096-41620839
gene	DESI1
num_valid_mrks	1

CHR	pos	maf	MAF	eff	BETA	A1	A2	A2_cnt	N	log_pval
22	41620695	0.437	0.436	1.006	-0.195	G	C	11267	9996	68.628





Trait y10

name	value
region	30577045-30591833
gene	PES1
num_valid_mrks	1

CHR	pos	maf	MAF	eff	BETA	A1	A2	A2_cnt	N	log_pval
22	30584516	0.089	0.089	0.998	-0.73	C	G	18218	9998	143.21

