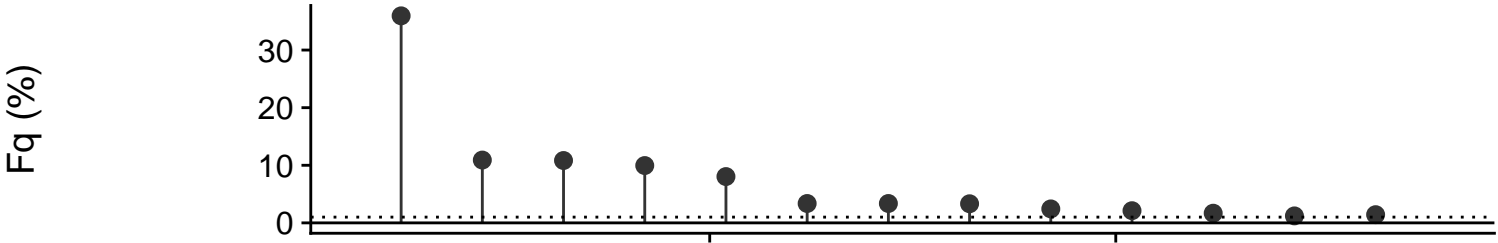
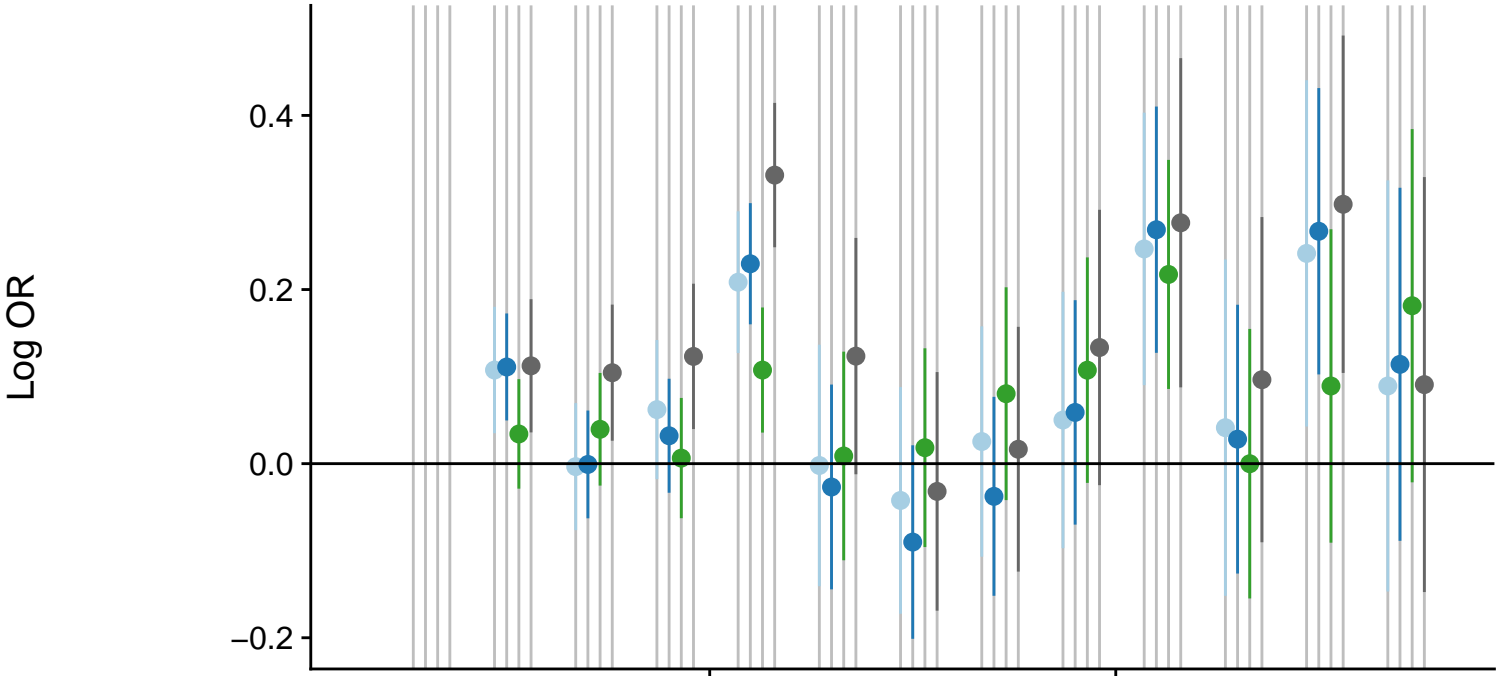


disease ● CEL ● iCEL ● iRA ● T1D



SNP

rs11080612/I	C	C	C	T	C	T	T	T	T	C	C	C	T
X18.12884386/D	C	G	C	A	C	A	C	C	C	C	C	A	A
rs371055666/D	G	A	G	A	G	A	G	G	G	G	G	A	A
rs63746461/E	T	G	G	G	G	G	T	G	G	G	G	A	A
rs559406/E	T	G	T	G	G	G	T	T	G	G	G	A	A
rs7241016/F	A	A	A	A	C	A	A	A	C	C	C	A	A
rs71174146/F	A	A	A	A	C	A	A	A	C	C	C	A	A
rs34799913/F	T	T	T	T	C	T	T	T	C	C	C	T	T
rs11875687/F	T	T	T	T	C	T	T	T	C	C	C	T	T
rs141207893/B	T	T	T	T	T	T	T	T	T	T	T	T	T
rs1893217/C	A	A	A	A	A	A	A	A	A	A	A	A	A
rs12967678/C	G	G	G	G	A	A	G	G	A	A	A	A	A
rs67878610/C	T	T	T	T	A	A	T	T	A	T	T	A	T
rs61277070/A	T	T	T	T	G	T	T	T	T	T	T	T	G
rs7229751/A	C	C	C	C	T	C	C	C	C	C	C	C	T

reference haplotype allele FALSE TRUE