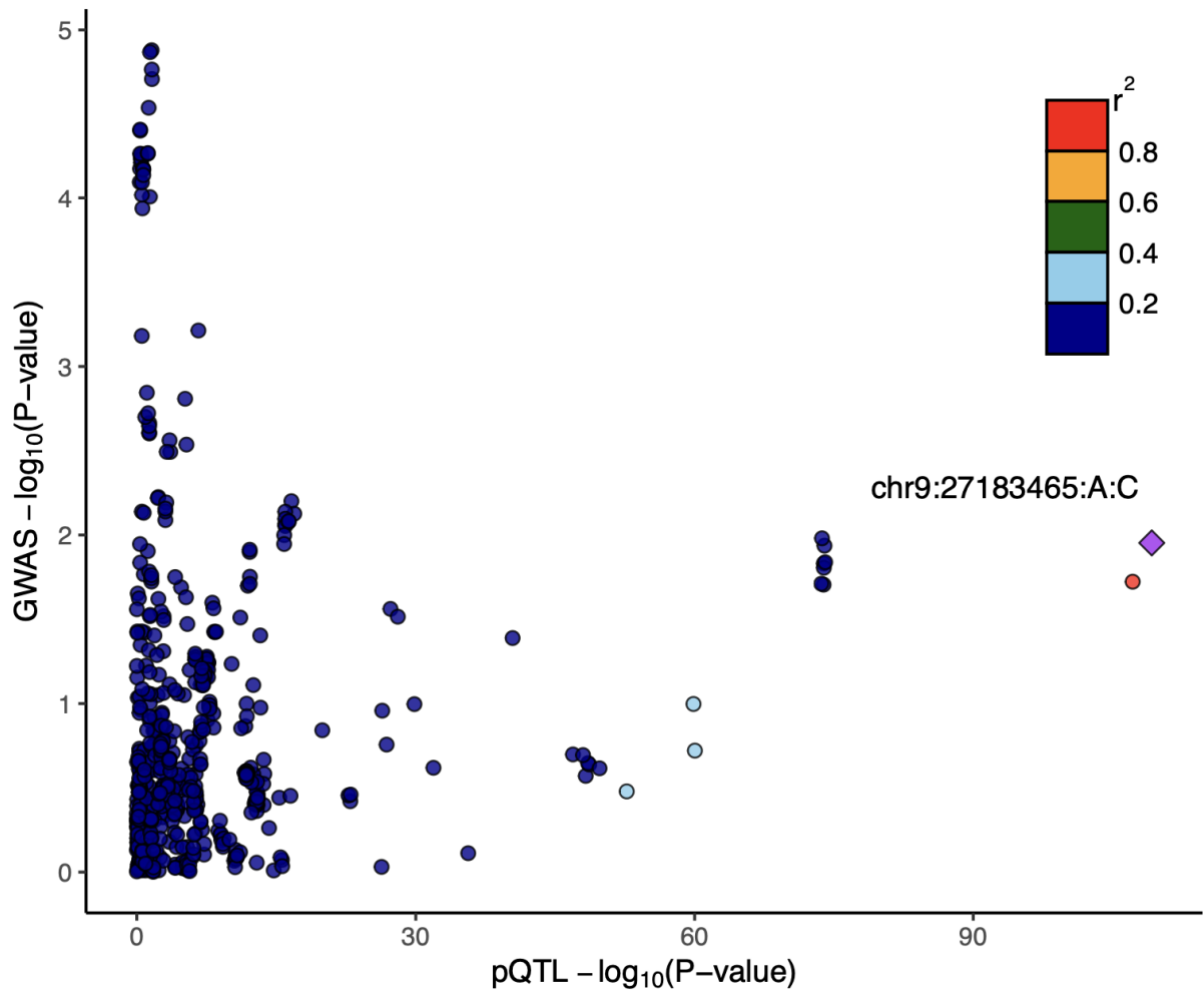


**Figure S6 – LocusCompare plot of genetic associations with sTEK protein levels and IOP in the *TEK* gene region.**



LocusCompare plot illustrating genetic associations within *TEK* gene region with circulating sTEK protein levels (x-axis) and IOP (y-axis). The purple diamond is the genetic variant with the strongest association with siEK2 protein levels. Points are color-coded based on each variant's LD ( $r^2$ ) relative to the variant with the highest colocalization posterior probability in the gene region. Based on the observed correlation pattern, there seem to be two independent haplotypes in the IOP GWAS locus, with the sTEK2 pQTL correlating with the haplotype with more modest IOP association p-values.