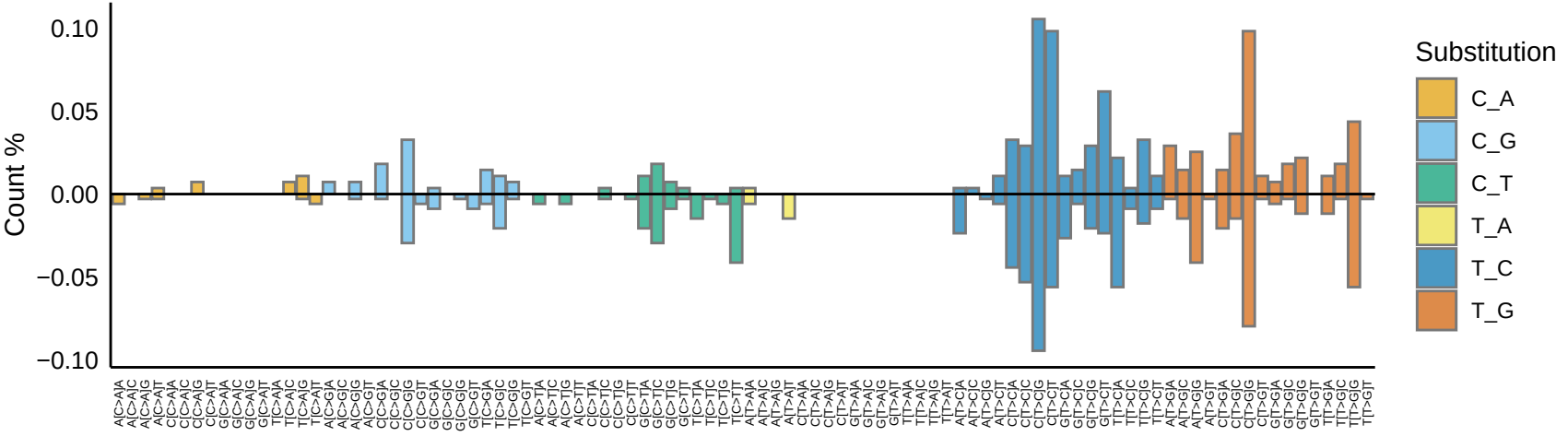275 SNPs were detected in Montelukast populations and 339 SNPs in DMSO_control populations.