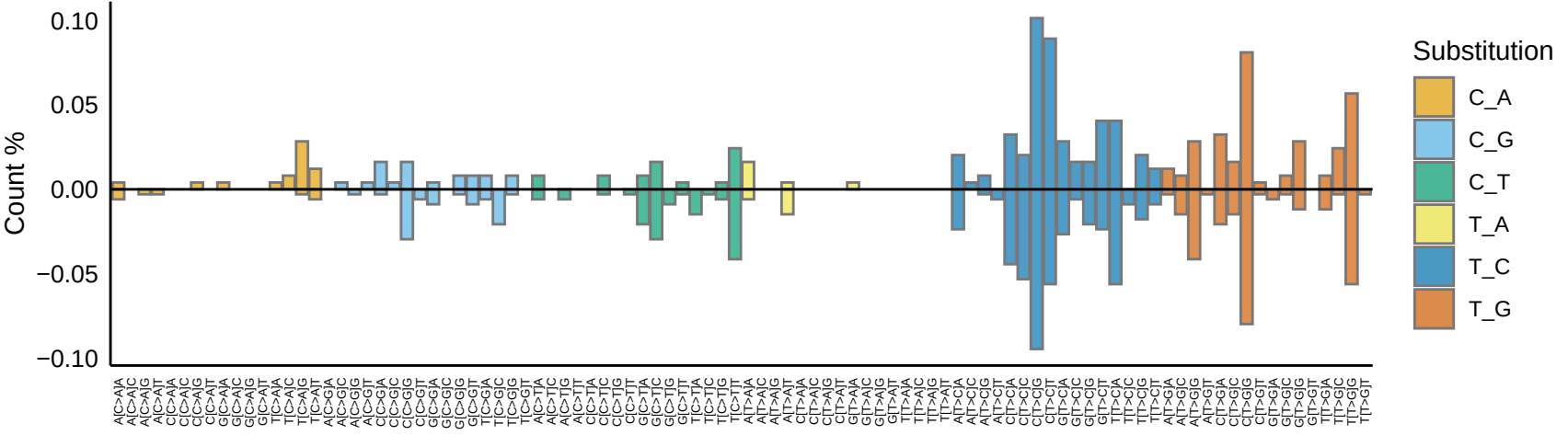247 SNPs were detected in Chlorpyrifos populations and 339 SNPs in DMSO_control populations.