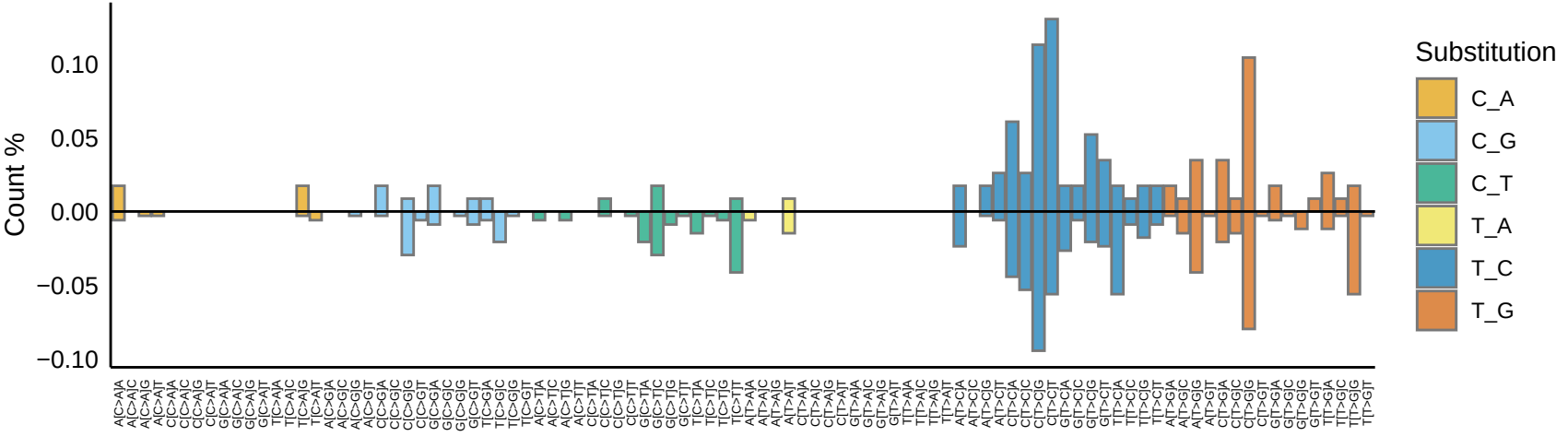115 SNPs were detected in Glyphosate populations and 339 SNPs in DMSO_control populations.