

Type II two-way Anova analyses for the effect of regulator and target genes on phenotypic similarity S_μ after different kinds of mutations.

Factor(Df)	Deletion			Addition		
	$F(2880)$	p	η^2	$F(3389)$	p	η^2
Regulator(1)	445.72	$< 2 \times 10^{-16}$	0.130	5.44	0.0197	0.001
Target gene(2)	28.52	2×10^{-16}	0.017	330.02	$< 5.4 \times 10^{-13}$	0.163
Regulator $\times$ Target gene(2)	21.134	7.7×10^{-10}	0.012	0.95	0.3862	0.0004