

Average S_μ after mutations per kind of gene and kind of regulator-target interaction.

Factor	Deletion Mean $\pm$ SD(n)	Addition Mean $\pm$ SD(n)
Regulator		
D	$0.999 \pm 0.017(1, 153)$	$0.951 \pm 0.049(1, 631)$
N	$0.959 \pm 0.064(1, 733)$	$0.955 \pm 0.048(1, 764)$
Target gene		
D	$0.970 \pm 0.093(690)$	$0.965 \pm 0.064(1, 043)$
N	$0.969 \pm 0.043(1, 135)$	$0.926 \pm 0.044(1, 176)$
S	$0.983 \pm 0.019(1, 061)$	$0.969 \pm 0.014(1, 176)$
Regulator $\times$ Target gene		
D $\rightarrow$ D	$0.997 \pm 0.036(133)$	$0.965 \pm 0.063(455)$
N $\rightarrow$ D	$0.964 \pm 0.101(557)$	$0.966 \pm 0.064(588)$
D $\rightarrow$ N	$0.998 \pm 0.165(547)$	$0.923 \pm 0.047(588)$
N $\rightarrow$ N	$0.942 \pm 0.043(588)$	$0.930 \pm 0.040(588)$
D $\rightarrow$ S	$> 0.999 \pm 0.005(473)$	$0.968 \pm 0.015(588)$
N $\rightarrow$ S	$0.970 \pm 0.017(588)$	$0.971 \pm 0.012(588)$