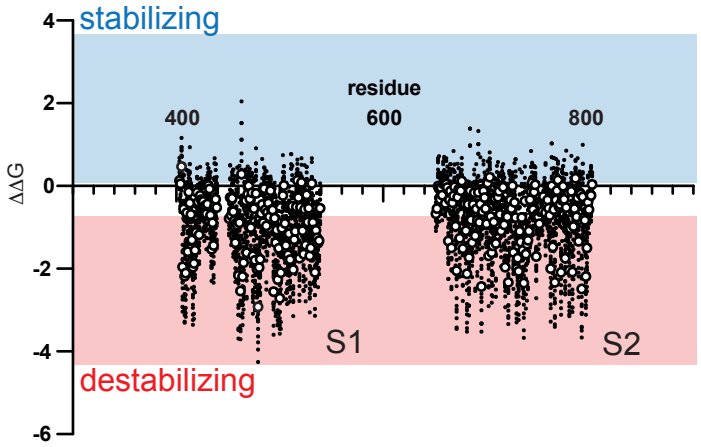
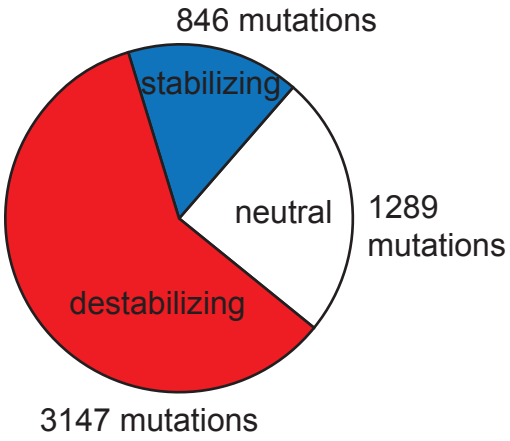
a



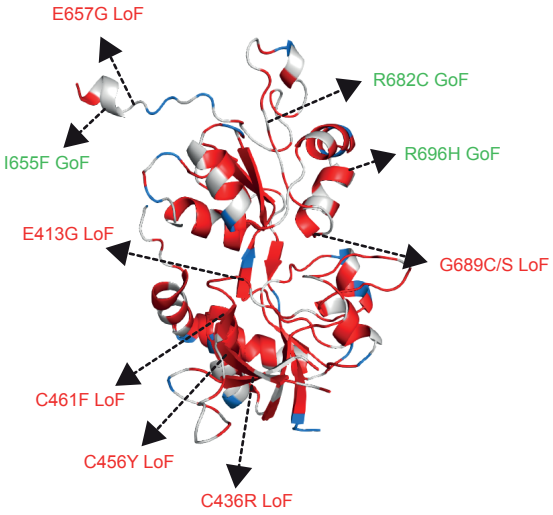
b



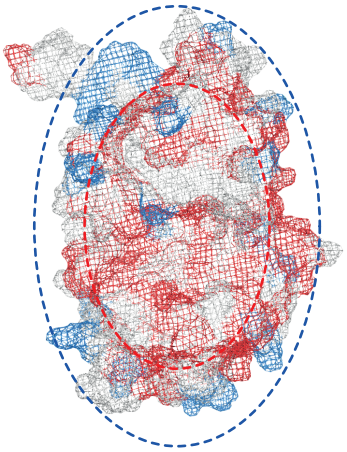
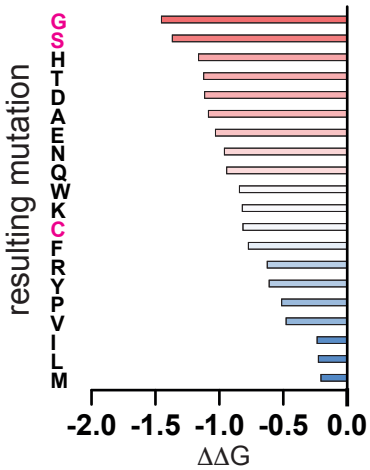
c

Mutation	Functional output	EC_{50} (μM)	ΔΔG	Comment
C436R	LOF	1	-1.505	
R696H	GOF	0.33	-1.486	
G689C	LOF	1100	-1.42	
G689S	LOF	1800	-1.355	
M706V	neither	1.5	-1.15	
E413G	LOF	79	-1.054	
C461F	LOF	169	-0.86	
E657G	LOF	0.7	-0.828	
C456Y	LOF	0.39	-0.804	
C456Y	LOF		-0.804	
R682C	GOF	0.91	-0.703	
I655F	GOF	5.6	-0.641	
Q656	LOF		-	stop
G724	LOF		-	stop
R519	LOF		-	stop
D786M	LOF		-	stop

d



e



f