

System	Mean dG* (kcal/mol)	Mean dG0 (kcal/mol)
WT Mouse Cys	20.72 \pm 1.07 kcal/mol	-55.43 \pm 1.77 kcal/mol
Mouse Sec C49U	15.75 \pm 0.71 kcal/mol	-64.42 \pm 1.86 kcal/mol
Mouse Cys F48Y	20.25 \pm 0.47 kcal/mol	-52.71 \pm 1.74 kcal/mol
Mouse Cys T52A	20.08 \pm 1.35 kcal/mol	-48.75 \pm 2.83 kcal/mol
Mouse Cys S47A	17.38 \pm 0.59 kcal/mol	-56.04 \pm 2.59 kcal/mol
Mouse Cys C99R	17.74 \pm 0.69 kcal/mol	-49.28 \pm 2.55 kcal/mol
Mouse Cys Q54T	20.30 \pm 1.04 kcal/mol	-56.15 \pm 1.82 kcal/mol
Mouse Cys H177Q	21.33 \pm 0.87 kcal/mol	-55.91 \pm 2.14 kcal/mol
Mouse Cys H144Q	22.42 \pm 1.15 kcal/mol	-56.18 \pm 2.28 kcal/mol
Mouse Cys T178A	21.87 \pm 1.52 kcal/mol	-58.78 \pm 2.46 kcal/mol
Mouse Cys G74A	20.78 \pm 0.42 kcal/mol	-54.45 \pm 2.28 kcal/mol
Mouse Cys P67N	25.78 \pm 0.48 kcal/mol	-56.45 \pm 2.28 kcal/mol
Mouse Cys Q33K	25.78 \pm 0.48 kcal/mol	-56.45 \pm 2.88 kcal/mol
Mouse Cys N192K	23.78 \pm 0.50 kcal/mol	-57.45 \pm 2.78 kcal/mol
Mouse Cys S195N	25.89 \pm 0.48 kcal/mol	-56.45 \pm 2.30 kcal/mol
Mouse Cys D119E	19.93 \pm 1.61 kcal/mol	-62.48 \pm 3.71 kcal/mol
Mouse Cys I182T	21.07 \pm 1.39 kcal/mol	-52.46 \pm 4.86 kcal/mol
Mouse Cys E137D	20.45 \pm 4.53 kcal/mol	-62.54 \pm 6.92 kcal/mol
Mouse Cys R173H	17.98 \pm 2.87 kcal/mol	-72.77 \pm 1.74 kcal/mol
Mouse Cys T60A	23.91 \pm 1.36 kcal/mol	-60.53 \pm 3.40 kcal/mol
Mouse Cys N107S	19.84 \pm 1.39 kcal/mol	-63.57 \pm 3.30 kcal/mol
Mouse Cys K3N	24.64 \pm 5.28 kcal/mol	-59.92 \pm 5.21 kcal/mol
Mouse Cys N192K	18.67 \pm 1.52 kcal/mol	-62.71 \pm 4.12 kcal/mol
Mouse Cys T71I	20.55 \pm 1.55 kcal/mol	-58.44 \pm 3.37 kcal/mol
Mouse Cys N31Q	20.22 \pm 1.32 kcal/mol	-57.20 \pm 4.52 kcal/mol
Mouse Cys P67N	21.87 \pm 1.24 kcal/mol	-59.02 \pm 4.58 kcal/mol
Mouse Cys Q33K	30.57 \pm 6.75 kcal/mol	-23.16 \pm 7.25 kcal/mol
Mouse Cys R181S	24.20 \pm 1.04 kcal/mol	-35.04 \pm 7.82 kcal/mol
Mouse Cys S195N	21.31 \pm 1.05 kcal/mol	-56.92 \pm 4.40 kcal/mol
Mouse Cys T194F	21.00 \pm 1.01 kcal/mol	-54.70 \pm 8.16 kcal/mol
Mouse Cys V30I	20.93 \pm 1.67 kcal/mol	-47.09 \pm 4.23 kcal/mol
Mouse Cys F29Y	15.04 \pm 1.36 kcal/mol	-57.08 \pm 7.47 kcal/mol
Mouse Cys I24L	17.85 \pm 1.69 kcal/mol	-61.05 \pm 4.78 kcal/mol
Mouse Cys M188L	18.76 \pm 1.02 kcal/mol	-55.31 \pm 6.60 kcal/mol
Mouse Cys N120K	19.48 \pm 1.16 kcal/mol	-51.90 \pm 7.39 kcal/mol