S5-A

Rosetta Per Amino Acid Energy Score Difference

ΔRosetta Energy Score
(Score_mut - Score_ref)

Germline AA Chosen
Non-Germline AA Chosen
No Mutation

Preference for
Germline
Indifference
Preference for
Mature

** p < 0.01

Germline Amino Acid Preferred
Germline Amino Acid Not Preferred

2B1A

2XWT

3HMX

ΔRosetta Energy Score
(Score_mut - Score_ref)

Mature
Indifference
Germline

Mutation Preferences