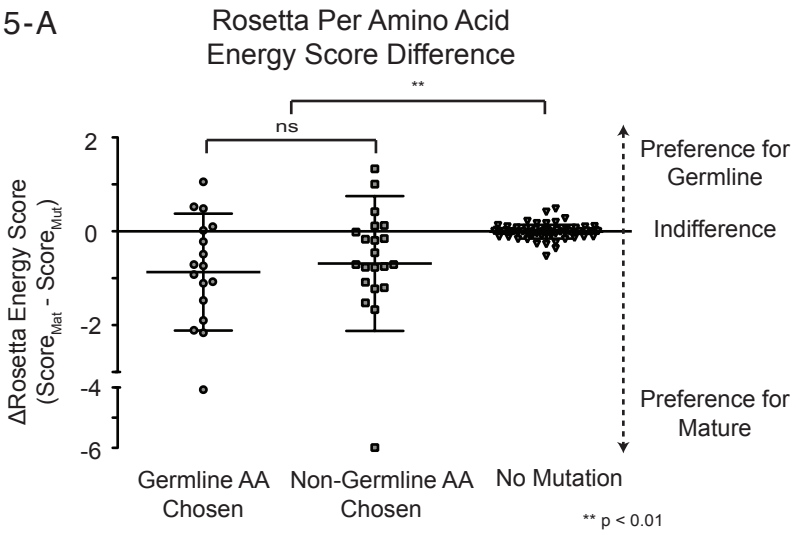
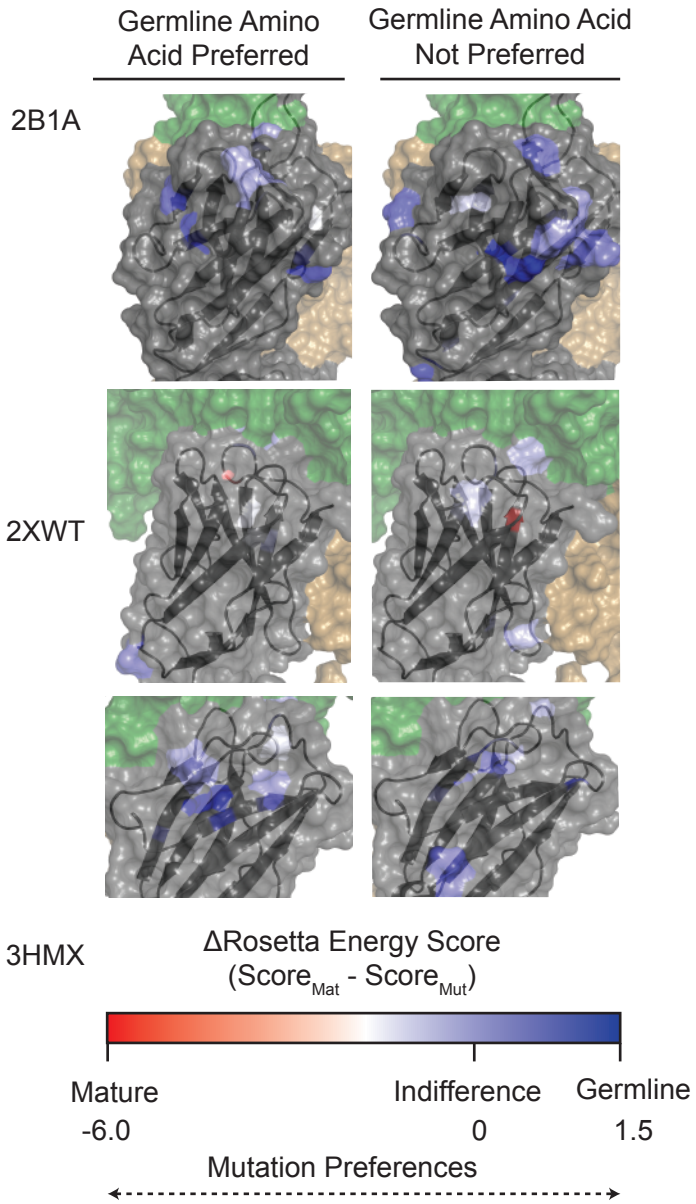
S5-A


Rosetta Per Amino Acid
Energy Score Difference
**
ns
2
0
-2
-4
-6
ΔRosetta Energy Score
(Score$_{Mat}$ - Score$_{Mut}$)
Preference for
Germline
Indifference
Preference for
Mature
Germline AA
Chosen
Non-Germline AA
Chosen
No Mutation
** p < 0.01

S5-B


Germline Amino
Acid Preferred
Germline Amino Acid
Not Preferred
2B1A
2XWT
3HMX
ΔRosetta Energy Score
(Score$_{Mat}$ - Score$_{Mut}$)
Mature
-6.0
Indifference
0
Germline
1.5
Mutation Preferences