

kcal/mol

120
80
40
0
-40
-80
-120

α Arg373

β Gly156

β Ala158

β Gly159

β Val160

β Gly161

β Lys162

β Thr163

β Val164

β Glu188

β Arg189

β Glu192

β Arg260

β Tyr311

ATP \rightarrow ADP (β_{TP} site)

ATP \rightarrow ADP (β_{DP} site)

H₂O \rightarrow Pi (β_{TP} site)

H₂O \rightarrow Pi (β_{DP} site)