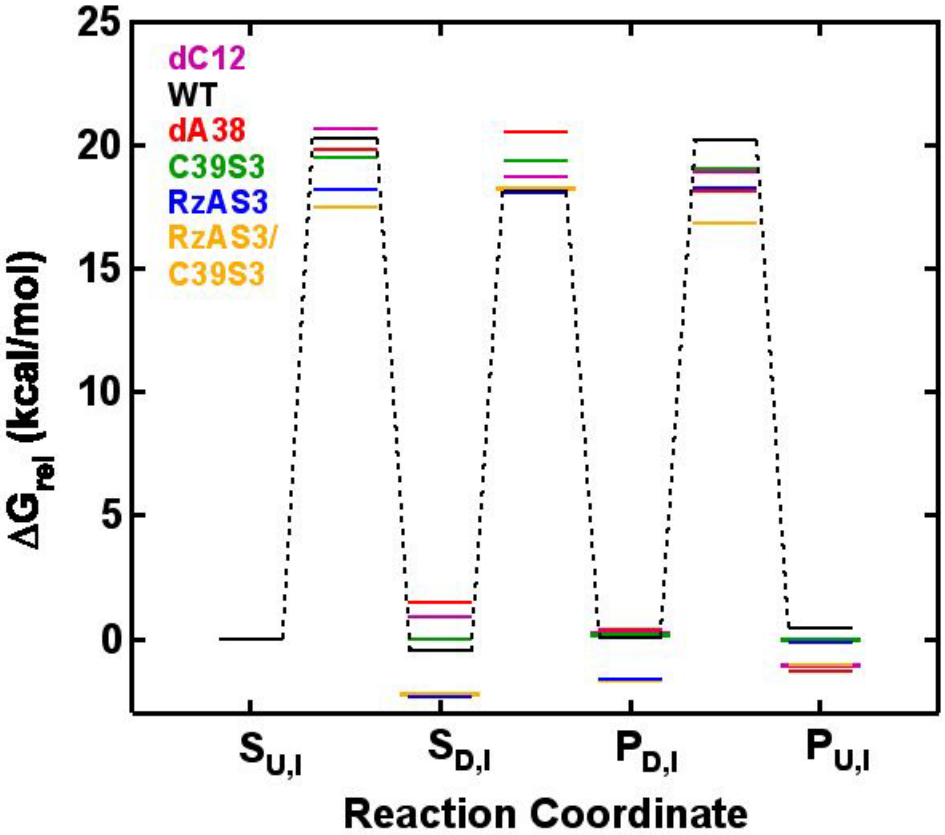
dC12
WT
dA38
C39S3
RzAS3
RzAS3/
C39S3
25
20
15
10
5
0
ΔG_rel (kcal/mol)
S_U,I
S_D,I
P_D,I
P_U,I
Reaction Coordinate