

Supplementary Table 1

$\Delta G_r(\text{HCN1} \rightarrow \text{mut})$ [kcal/mol]	$\Delta G_a(\text{HCN1} \rightarrow \text{mut})$ [kcal/mol]
-15.4 ± 0.3	-15.0 ± 0.2
-15.3 ± 0.2	-14.5 ± 0.2
-15.4 ± 0.4	-14.9 ± 0.2
-	-14.4 ± 0.4
-	-14.5 ± 0.2