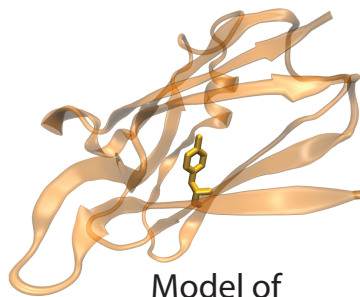


Native
Structure

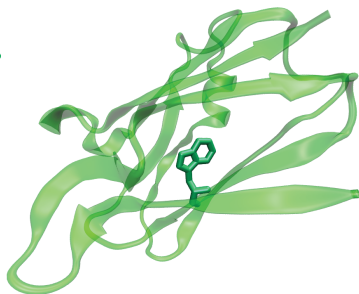
$$F' - F = \Delta F < 0$$



Model of
mutated structure

$$\frac{\langle E \rangle - E'_{TYR}}{\sigma'_E} = F' < 0$$

E'_{TYR}
↓
 $\langle E \rangle$



WT structure

$$\frac{\langle E \rangle - E_{TRP}}{\sigma_E} = F > 0$$

Mutated
Structure

