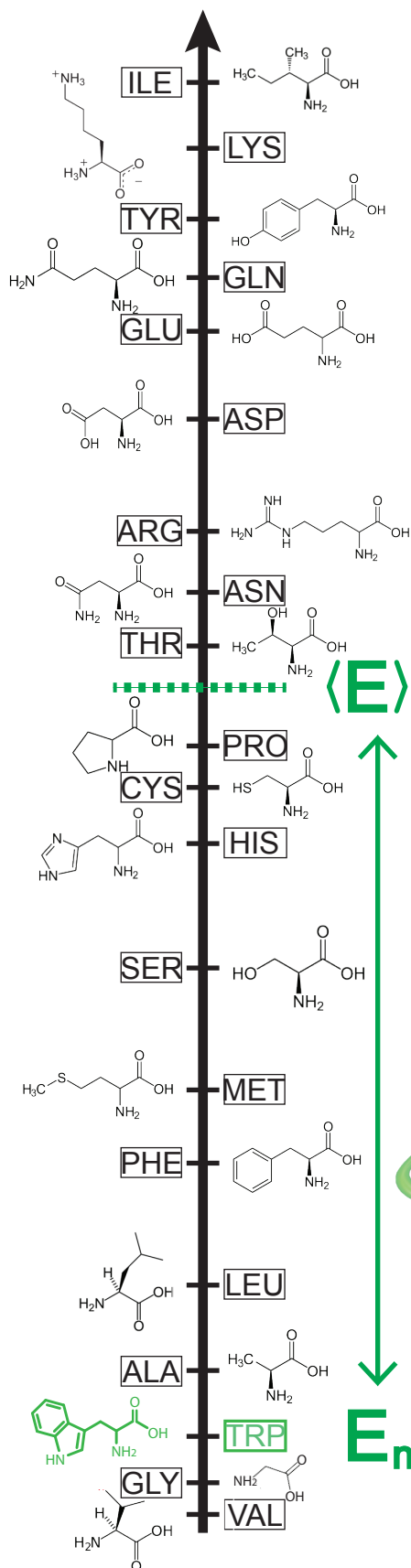


# Native Structure

$$\Delta E_{\text{non-nat}} - \Delta E_{\text{nat}} = \Delta\Delta E < 0$$

# Non-Native Structure



Model of mutated structure

$$\langle E \rangle - E_{\text{mut}} = \Delta E_{\text{non-nat}} < 0$$



Model of WT structure

$$\langle E \rangle - E_{\text{nat}} = \Delta E_{\text{nat}} > 0$$

$E_{\text{mut}}$

$\langle E \rangle$

