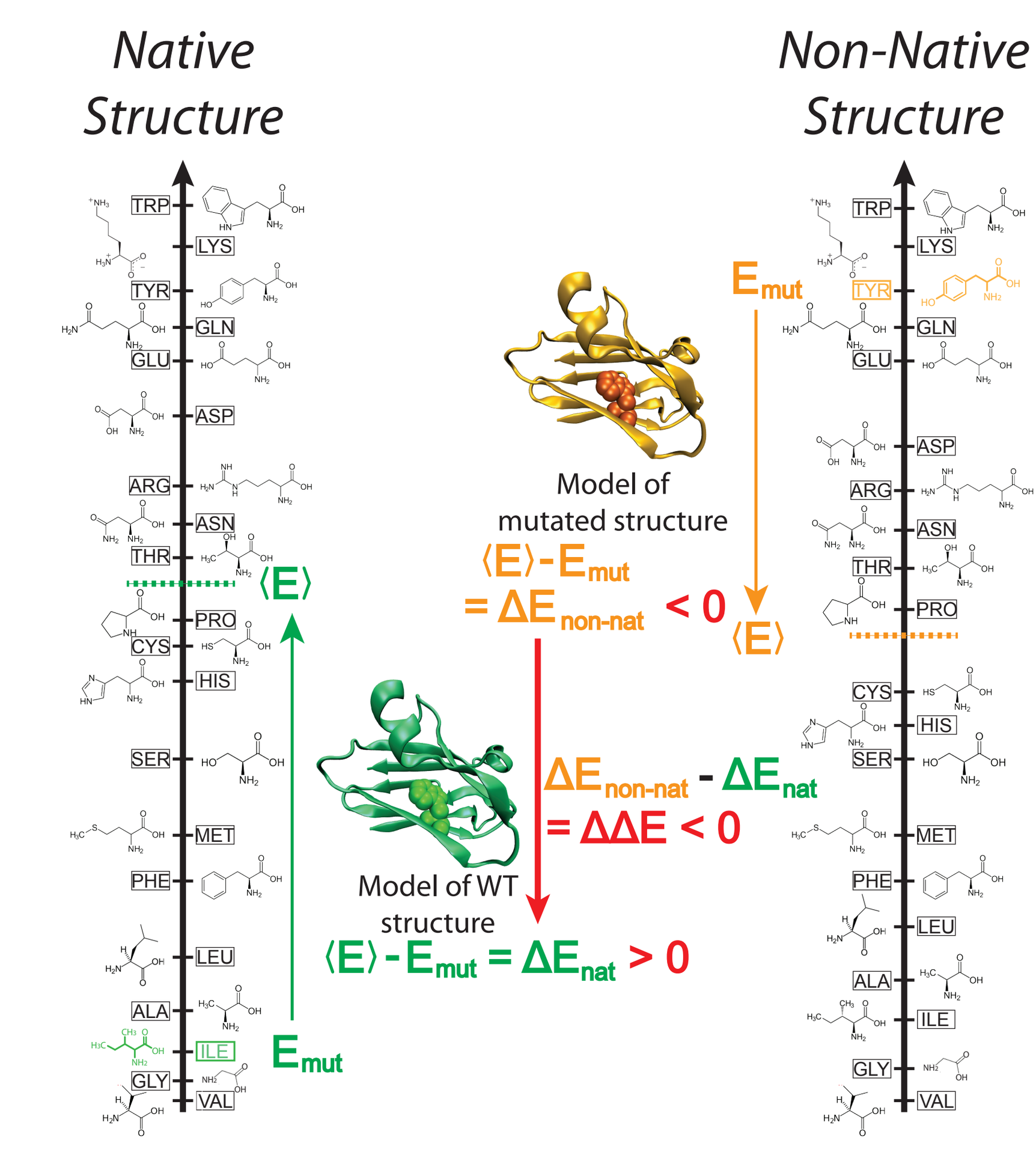
Native Structure
Non-Native Structure
TRP
LYS
TYR
GLN
GLU
ASP
ARG
ASN
THR
PRO
CYS
HIS
SER
MET
PHE
LEU
ALA
ILE
GLY
VAL
⟨E⟩
E_mut
Model of mutated structure
⟨E⟩ - E_mut = ΔE_non-nat < 0
ΔE_non-nat - ΔE_nat = ΔΔE < 0
Model of WT structure
⟨E⟩ - E_mut = ΔE_nat > 0