# Alchemical transformation ($\Delta G_{phase}$)
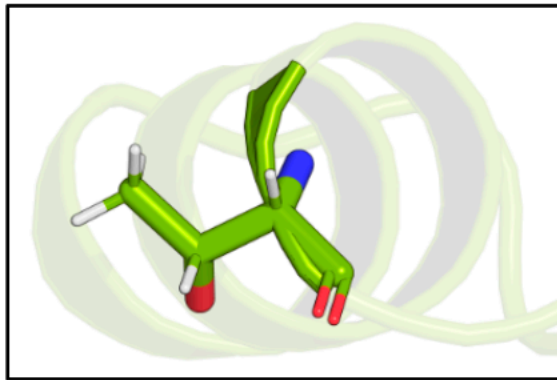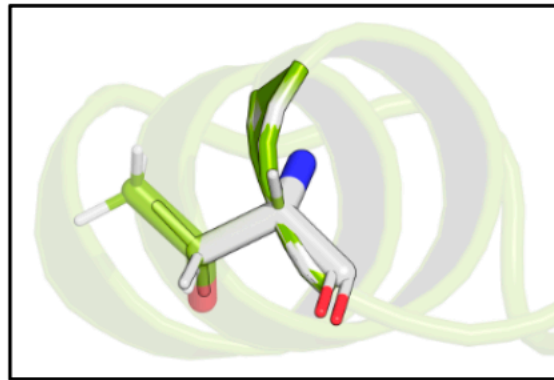
**WT endstate: THR**

$\lambda = 0$

**Alchemical intermediate state**

$\lambda = 0.5$

**Mutant endstate: ALA**

$\lambda = 1$