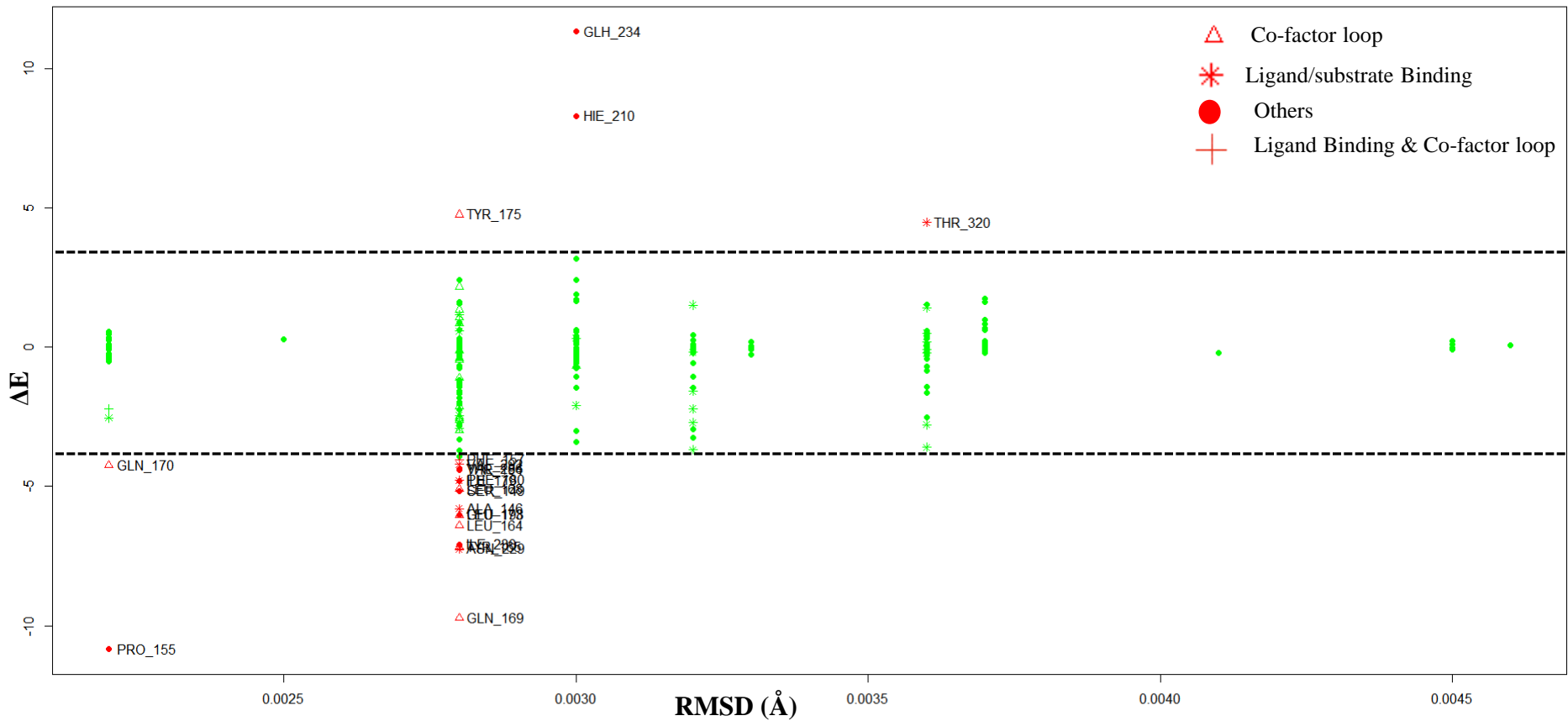
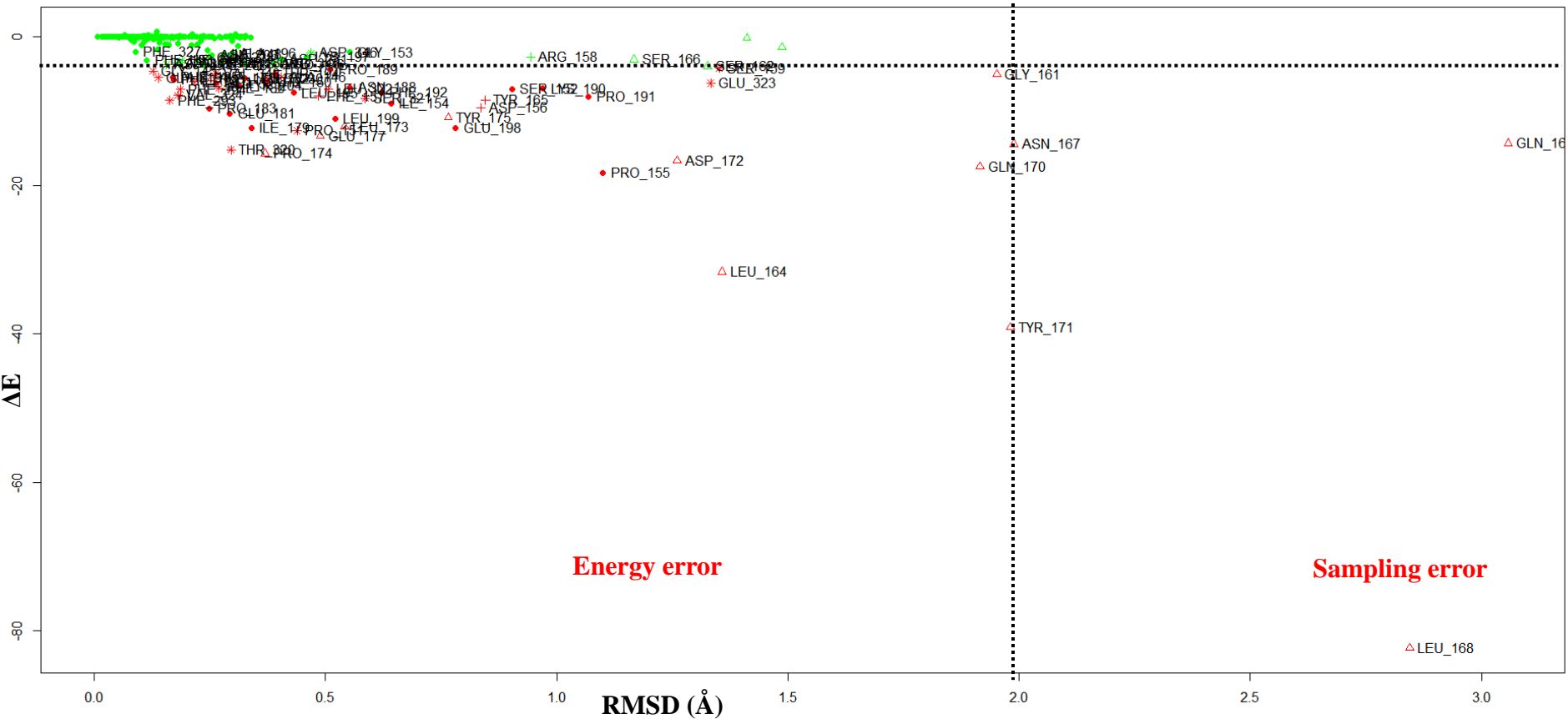


4FVT Side chain validation on crystal structure



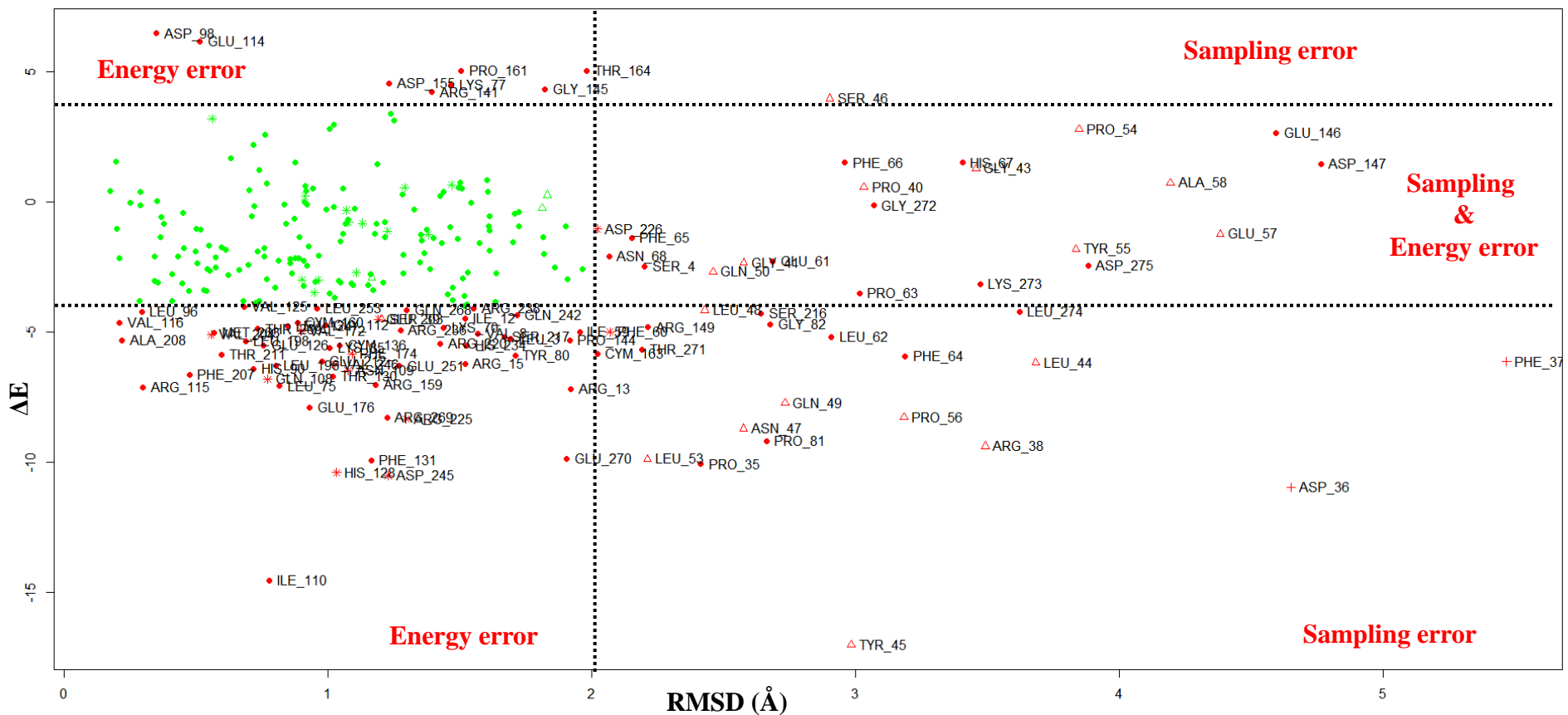
4BVG Side chain validation on crystal structure

- \triangle Co-factor loop
- \ast Ligand/substrate Binding
- \bullet Others
- $+$ Ligand Binding & Co-factor loop



Sirt3/INT/NAM vs Sirt3/NAD+/AC_Cs (4FVT – Open loop)

- △ Co-factor loop
- * Ligand/substrate Binding
- Others
- + Ligand Binding & Co-factor loop



Sirt3/INT/NAM vs Sirt3/NAD+/AC_Cs (4BVG – Closed loop)

- △ Co-factor loop
- * Ligand/substrate Binding
- Others
- + Ligand binding & Co-factor loop

