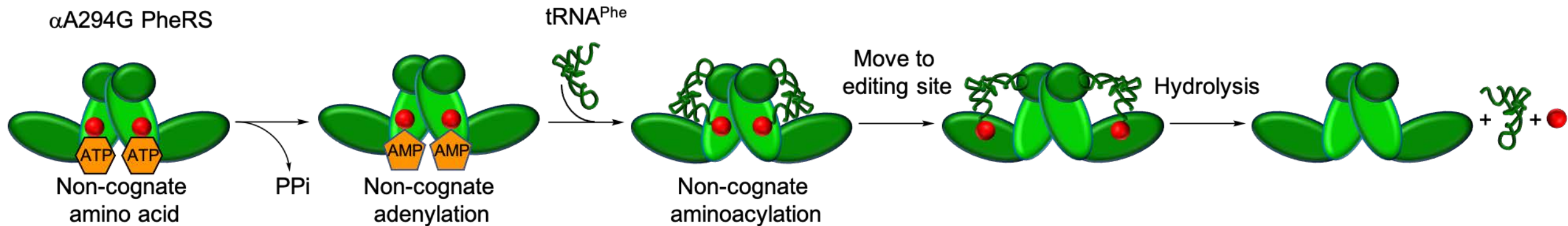


A. Reaction of  $\alpha$ A294G PheRS with *m*-Try/Tyr and tRNA<sup>Phe</sup>



B. Reaction of  $\alpha$ A294S PheRS with *m*-Try/Tyr and tRNA<sup>Phe</sup>

