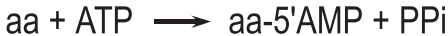
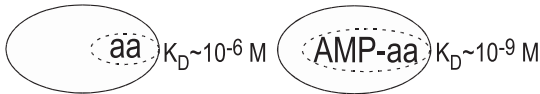


Activation: $\sim 10^{14}$ -fold rate acceleration



Retention: $\sim 10^3$ -fold increase in affinity



Acylation: $\sim 10^{10}$ -fold rate acceleration

