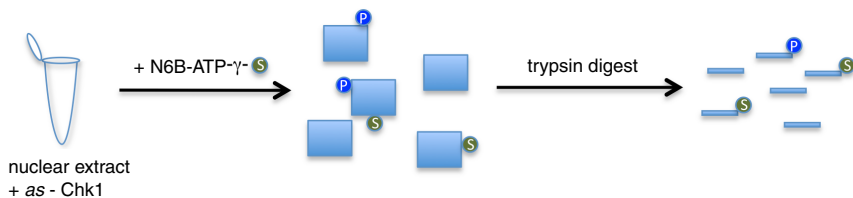
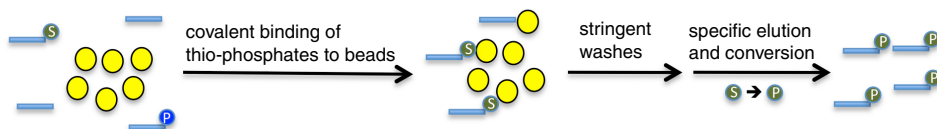


**(a)**

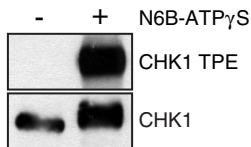
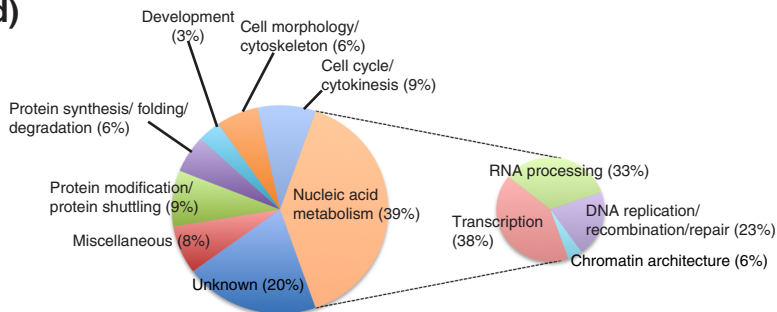
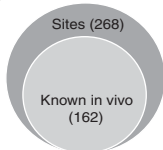
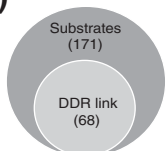
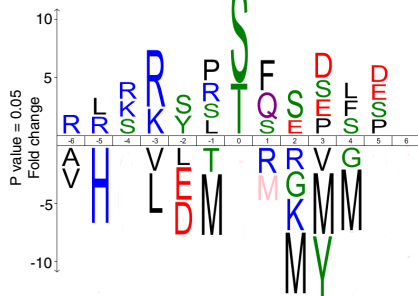
## 1. Kinase assay and trypsin digest



## 2. Purification of thio-phosphopeptides



## 3. Identification of phosphopeptides by mass spectrometry

**(b)****(d)****(c)****(e)****(f)****(g)**