

Table S1. The detail on training set, validation set, test set, false negatives and false positives on four PPIs dataset.

Testing Set	TraD	ValD	TestD	FN	FP
<i>Human</i>	5615	1402	780	15	6
<i>S. cerevisiae</i>	8055	895	1119	40.	35
<i>H. pylori</i>	2099	525	292	16	19
<i>Extended-Human</i>	52627	13157	7326	13	18