

Supplementary Table s4. Evaluation of the predicted interactions in different datasets.

DataSet	Coverage*	Reliability [#]
STRING	53.12%	2.93%
DroID	15.36%	8.14%
PDIR	22.56%	50.51%
MIST	39.31%	12.69%

* Coverage measures how much proportion of the 559 new interactions published after Dec 31, 2017 were included in the dataset.

Reliability measures how much proportion of the interactome were expected to be protein interactions. The expected number of protein interactions covered by an interactome was estimated as its coverage estimated above times the expected sized of Drosophila interactome (2.24×10^5 , see main text).