## Additional file 1 - The number of PPIs according to presence of GO CC for protein and PPI

In heterodimeric PPIs, the two interacting proteins are different. The reference set for this study consists of all PPIs in which a GO CC term is available for each of the two interacting proteins. We identify a further set of PPIs for which one protein in each interacting pair has a GO CC term and the other one does not; this constitutes our potential prediction set. The remaining PPIs have no associated GO CC terms and are not informative for this study.

Human			Mouse			Fly			Yeast		
# PPIs	# proteins in PPI set with GO	# proteins in PPI set without GO	# PPIs	# proteins in PPI set with GO	# proteins in PPI set without GO	# PPIs	# proteins in PPI set with GO	# proteins in PPI set without GO	# PPIs	# proteins in PPI set with GO	# proteins in PPI set without GO
19686	2494	5399	2753	1029	1359	30878	782	7996	22635	3938	1488
3298	1860		740	780		540	461		16110	3837	
8830	2083	3280	1239	587	783	5775	716	2998	5727	1999	1406
7558		4364	774		876	24563		7567	798		663
	19686 3298 8830	# PPIs # proteins in PPI set with GO   19686 2494   3298 1860   8830 2083	# PPIs# proteins in PPI set with GO# proteins in PPI set without GO196862494539932981860883020833280	# PPIs # proteins in PPI set with GO # proteins in PPI set without GO # PPIs   19686 2494 5399 2753   3298 1860  740   8830 2083 3280 1239	# PPIs # proteins in PPI set with GO # proteins in PPI set without GO # PPIs # proteins in PPI set with GO   19686 2494 5399 2753 1029   3298 1860  740 780   8830 2083 3280 1239 587	# PPIs# proteins in PPI set with GO# proteins in PPI set with GO# proteins in PPI set with GO# proteins in PPI set with GO1968624945399275310291359329818607407808830208332801239587783	# proteins in PPI set with GO # proteins in PPI set without GO # proteins in PPI set with GO # proteins in PPI set with GO # proteins in PPI set without GO   19686 2494 5399 2753 1029 1359 30878   3298 1860  740 780  540   8830 2083 3280 1239 587 783 5775	# proteins in PPI set with GO # proteins in PPI set without GO # proteins in PPI set with GO   19686 2494 5399 2753 1029 1359 30878 782   3298 1860  740 780  540 461   8830 2083 3280 1239 587 783 5775 716	# proteins in PPI set with GO# proteins in PPI set with GO196862494539927531029135930878782799632981860740780540461883020833280123958778357757162998	# proteins in PPI set with GO # proteins in PPI set without GO # proteins in PPI set with GO <th< td=""><td># proteins in PPI set with GO# proteins in PPI set with GO19686249453992753102913593087878279962263539383298186074078054046116110383788302083328012395877835775716299857271999</td></th<>	# proteins in PPI set with GO# proteins in PPI set with GO19686249453992753102913593087878279962263539383298186074078054046116110383788302083328012395877835775716299857271999