Table S2. Duplicates do not relocalize more frequently than singletons in any protein expression-level category.

S. cerevisiae protein expression level (protein molecules per cell)[1]	One-to-one orthologs		One-to-two orthologs		P value[3]
	# of genes in the category	Average # of localization differences per gene[2]	# of genes in the category	Average # of localization differences per gene[2]	
<1,230	293	1.04	49	1.04	0.99
1,230 - 2,800	292	0.95	49	0.90	0.90
2,800 – 6,560	290	0.77	52	0.87	0.45
>6,560	271	0.74	70	0.51	0.11

[1] Protein expression level data are from Ghaemmaghami et al 2003. The whole set of one-to-one and one-to-two orthologous genes are divided into four equal-size bins based on the rank of their protein expression levels in S. cerevisiae.

[2] Between S. cerevisiae and S. pombe.

[3] Based on two-tailed Mann-Whitney test.