Table S4. Spearman correlation of participation coefficient with functional similarity.

	func. similarity
Human-hq	$-\mathbf{0.65}$ ($1e{-}58$)
Yeast-hq	$-\mathbf{0.27}$ ($4e{-}09$)
Fly	$-\mathbf{0.21}$ ($3e{-}10$)
Athal	$-\mathbf{0.21}$ ($4e{-}07$)
Ecoli	-0.03 ($6e{-}01$)
Human-all	$-\mathbf{0.27}$ ($6e{-}19$)
Yeast-all	$-\mathbf{0.59}$ ($3e{-}54$)

All correlations except one are significant ($p < 0.05$) and are shown in bold. See also Tables S1, S3 and S2.