

TABLE S2. ONLY SOME GROUPS OF PROTEIN FAMILY EXPANSIONS ARE CORRELATED TO THE NUMBER OF DIFFERENT CELL TYPES.

Domains in the function categories are non-overlapping subsets of the total number of domains in each organism. Only two function categories, i.e. domains of extra-cellular processes and regulation, show very good correlation of domain abundance and the number of different cell types, i.e. $R \geq 0.80$. R - Pearson correlation coefficient.

Total	R	R²
Genes	0.54	0.29
Function		
Extra-cellular processes	0.96	0.91
Regulation	0.89	0.79
Other	0.76	0.58
Intra-cellular processes	0.74	0.54
General	0.61	0.38
Information	0.61	0.37
Metabolism	0.37	0.14

