Table S8: P-values of Mann-Whitney U test for the protein structural features against those of all proteins

Proteins Attributes Value P-value

NP Length long \*

 Percentage of IDR high \*

 Longest IDR long \*

 Number of domains many \*

CP Length long 4.4 × 10-9

 Percentage of IDR low \*

 Longest IDR short 5.8 × 10-6

 Number of domains 0.087

MP Length 0.017

 Percentage of IDR low \*

 Longest IDR short \*

 Number of domains few 8.5 × 10-4

NCP Length long 7.4 × 10-4

 Percentage of IDR high 6.9 × 10-10

 Longest IDR long 9.8 × 10-12

 Number of domains many 3.2 × 10-4

NCP, PTM\*×TC\* Length long 1.9 × 10-11

 Percentage of IDR high \*

 Longest IDR long \*

 Number of domains many 4.8 × 10-9

CMP Length long 3.3 × 10-5

 Percentage of IDR 0.626

 Longest IDR 6.3 × 10-3

 Number of domains many 4.0 × 10-5

CMP, PTM’+Nb Length 3.0 × 10-3

 Percentage of IDR 0.165

 Longest IDR 0.747

 Number of domains many 6.3 × 10-4

NCMP Length 0.12

 Percentage of IDR 0.50

 Longest IDR 0.77

 Number of domains 0.80

Values are described if the p-values are less than 10-3. An asterisk (\*) indicates the p-value is less than 2.2 × 10-16.