

Table S3. Amino acid propensity scores and composition in MTP and non-MTP

Amino acid	MTP propensity Score (Rank)	Composition of MTP: A (%)	Composition of non-MTP: B (%)	Composition difference: A-B (%)
I-Ile	571.9 (1)	6.64	5.40	1.24
F-Phe	566.6 (2)	5.51	4.43	1.08
G-Gly	552.8 (3)	7.03	6.00	1.03
V-Val	526.1 (4)	7.11	6.30	0.81
A-Ala	521.4 (5)	7.82	7.00	0.81
M-Met	520.9 (6)	2.79	2.29	0.50
L-Leu	490.2 (7)	11.08	10.55	0.53
T-Thr	469.7 (8)	5.53	5.36	0.17
C-Cys	468.5 (9)	1.61	1.65	-0.04
Y-Tyr	460.1 (10)	3.19	3.17	0.02
S-Ser	433.5 (11)	7.69	8.28	-0.59
N-Asn	424.7 (12)	3.87	4.27	-0.40
E-Glu	422.8 (13)	5.19	6.15	-0.96
R-Arg	415.6 (14)	4.53	5.19	-0.66
W-Trp	411.6 (15)	1.50	1.53	-0.03
D-Asp	407.8 (16)	4.15	4.89	-0.75
Q-Gln	407.1 (17)	3.57	4.29	-0.72
H-His	398.4 (18)	1.89	2.37	-0.48
K-Lys	398.3 (19)	4.78	5.65	-0.87
P-Pro	396.4 (20)	4.54	5.23	-0.68
R	1.00	0.46	0.18	0.95