18 CBPs vs. 5000 random subsamling of human proteome

Symbol AA	Difference	P-value*
A	Depleted.	P-value=0.000000
C	Depleted.	P-value=0.001418
D	None.	P-value=0.140616
E	Enriched.	P-value=0.000007
F	None.	P-value=0.002858
G	Depleted.	P-value=0.000000
H	None.	P-value=0.018021
I	None.	P-value=0.622015
K	Enriched.	P-value=0.000000
L	None.	P-value=0.023965
M	None.	P-value=0.118676
N	Enriched.	P-value=0.000020
P	None.	P-value=0.135484
Q	None.	P-value=0.028223
R	None.	P-value=0.029403
S	Enriched.	P-value=0.000000
T	None.	P-value=0.634172
V	None.	P-value=0.010124
W	Depleted.	P-value=0.000001
Y	Depleted.	P-value=0.000136

18 CBPs vs. 248 DNA binding proteins

Symbol AA	Difference	P-value*
A	Depleted.	P-value=0.001676
C	Not significant.	P-value=0.951346
D	Not significant.	P-value=0.081383
E	Not significant.	P-value=0.341009
F	Not significant.	P-value=0.015343
G	Depleted.	P-value=0.000011
H	Not significant.	P-value=0.350022
I	Not significant.	P-value=0.232778
K	Enriched.	P-value=0.000000
L	Not significant.	P-value=0.526727
M	Not significant.	P-value=0.433409
N	Not significant.	P-value=0.007936
P	Not significant.	P-value=0.687016
Q	Depleted.	P-value=0.000407
R	Depleted.	P-value=0.000131
S	Enriched.	P-value=0.000000
T	Not significant.	P-value=0.359848
V	Not significant.	P-value=0.240424
W	Not significant.	P-value=0.022641
Y	Depleted.	P-value=0.001210

18 CBPs vs. 448 membrane proteins

Symbol AA	Difference	P-value*
A	Depleted.	P-value=0.000000
C	Not significant.	P-value=0.097669
D	Enriched.	P-value=0.000101
E	Enriched.	P-value=0.000000
F	Depleted.	P-value=0.000000
G	Depleted.	P-value=0.000000
H	Not significant.	P-value=0.824682
I	Not significant.	P-value=0.017617
K	Enriched.	P-value=0.000000
L	Depleted.	P-value=0.000305
M	Not significant.	P-value=0.374921
N	Enriched.	P-value=0.000055
P	Not significant.	P-value=0.416711
Q	Not significant.	P-value=0.953798
R	Not significant.	P-value=0.912822
S	Enriched.	P-value=0.000000
T	Not significant.	P-value=0.028512
V	Depleted.	P-value=0.000000
W	Depleted.	P-value=0.000000
Y	Depleted.	P-value=0.000000

* using Bonferroni correction for multiple testing, only values lower than 0.0025 were taken as significant