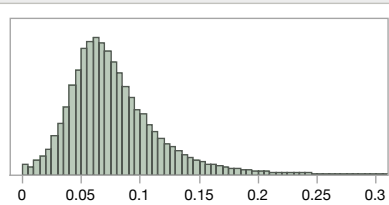


Distributions of protein amino acid compositions of all targeted proteins

Ala 2



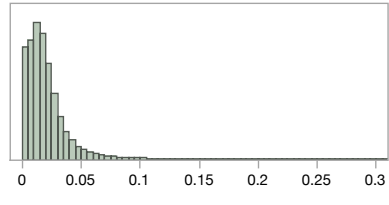
Quantiles

100.0%	maximum	0.8804781
99.5%		0.2187963
97.5%		0.1688312
90.0%		0.1239496
75.0%	quartile	0.0942029
50.0%	median	0.0744225
25.0%	quartile	0.0524017
10.0%		0.0375
2.5%		0.02
0.5%		0.0054054
0.0%	minimum	0

Summary Statistics

Mean	0.0767148
Std Dev	0.0371285
Std Err Mean	0.0000422
Upper 95% Mean	0.0767975
Lower 95% Mean	0.0766321
N	774083
N Missing	0

Cys 2



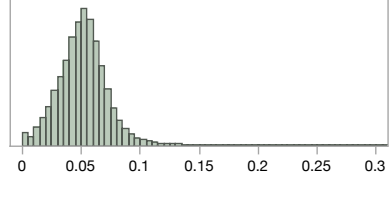
Quantiles

100.0%	maximum	0.52
99.5%		0.1046697
97.5%		0.0650888
90.0%		0.0382775
75.0%	quartile	0.0254669
50.0%	median	0.016129
25.0%	quartile	0.0087873
10.0%		0.0030303
2.5%		0
0.5%		0
0.0%	minimum	0

Summary Statistics

Mean	0.0197064
Std Dev	0.0183998
Std Err Mean	2.0913e-5
Upper 95% Mean	0.0197474
Lower 95% Mean	0.0196655
N	774083
N Missing	0

Asp 2



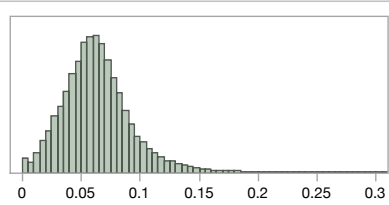
Quantiles

100.0%	maximum	0.6166667
99.5%		0.1226357
97.5%		0.0944882
90.0%		0.0750605
75.0%	quartile	0.0629921
50.0%	median	0.0512821
25.0%	quartile	0.0387324
10.0%		0.0260417
2.5%		0.0126582
0.5%		0
0.0%	minimum	0

Summary Statistics

Mean	0.0514414
Std Dev	0.0208206
Std Err Mean	2.3665e-5
Upper 95% Mean	0.0514878
Lower 95% Mean	0.051395
N	774083
N Missing	0

Glu 2



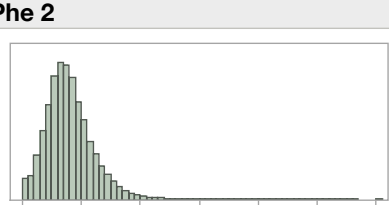
Quantiles

100.0%	maximum	0.8024691
99.5%		0.1666667
97.5%		0.1287013
90.0%		0.0974106
75.0%	quartile	0.0778443
50.0%	median	0.0678931
25.0%	quartile	0.0446602
10.0%		0.0294118
2.5%		0.0146341
0.5%		0
0.0%	minimum	0

Summary Statistics

Mean	0.0630446
Std Dev	0.0286843
Std Err Mean	0.0000326
Upper 95% Mean	0.0631085
Lower 95% Mean	0.0629807
N	774083
N Missing	0

Phe 2



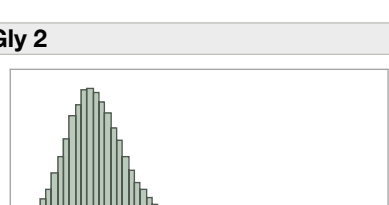
Quantiles

100.0%	maximum	0.4666667
99.5%		0.1088667
97.5%		0.0849057
90.0%		0.0649351
75.0%	quartile	0.0502901
50.0%	median	0.0375427
25.0%	quartile	0.0266667
10.0%		0.0172712
2.5%		0.0074627
0.5%		0
0.0%	minimum	0

Summary Statistics

Mean	0.0398023
Std Dev	0.0198073
Std Err Mean	2.2513e-5
Upper 95% Mean	0.0398464
Lower 95% Mean	0.0397581
N	774083
N Missing	0

Gly 2



Quantiles

100.0%	maximum	0.7020057
99.5%		0.196715
97.5%		0.1340481
90.0%		0.0997732
75.0%	quartile	0.0797101
50.0%	median	0.0614525
25.0%	quartile	0.0454545
10.0%		0.031746
2.5%		0.0168539
0.5%		0.0015884
0.0%	minimum	0

Summary Statistics

Mean	0.0650244
Std Dev	0.0315057
Std Err Mean	0.0000358
Upper 95% Mean	0.0650946
Lower 95% Mean	0.0649543
N	774083
N Missing	0

His 2



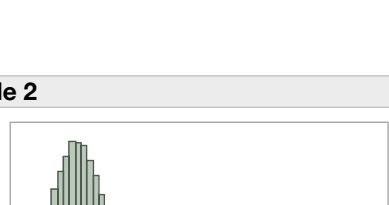
Quantiles

100.0%	maximum	0.5021459
99.5%		0.0830861
97.5%		0.0576923
90.0%		0.0402299
75.0%	quartile	0.0308642
50.0%	median	0.0227273
25.0%	quartile	0.0152439
10.0%		0.0086768
2.5%		0
0.5%		0
0.0%	minimum	0

Summary Statistics

Mean	0.0242144
Std Dev	0.0145084
Std Err Mean	0.0000165
Upper 95% Mean	0.0242467
Lower 95% Mean	0.0241821
N	774083
N Missing	0

Ile 2



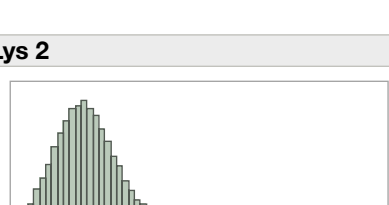
Quantiles

100.0%	maximum	0.6730769
99.5%		0.1391304
97.5%		0.1111111
90.0%		0.0851064
75.0%	quartile	0.0659341
50.0%	median	0.0493274
25.0%	quartile	0.0346821
10.0%		0.021978
2.5%		0.0100277
0.5%		0
0.0%	minimum	0

Summary Statistics

Mean	0.052045
Std Dev	0.0256192
Std Err Mean	2.9119e-5
Upper 95% Mean	0.0521021
Lower 95% Mean	0.051988
N	774083
N Missing	0

Lys 2



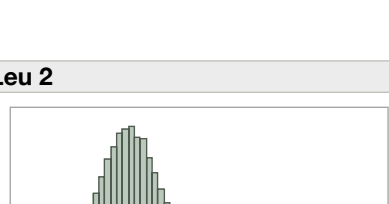
Quantiles

100.0%	maximum	0.8584906
99.5%		0.1794872
97.5%		0.1340685
90.0%		0.0982115
75.0%	quartile	0.074928
50.0%	median	0.0545455
25.0%	quartile	0.0364583
10.0%		0.0213536
2.5%		0.008
0.5%		0
0.0%	minimum	0

Summary Statistics

Mean	0.0582945
Std Dev	0.0322196
Std Err Mean	3.6621e-5
Upper 95% Mean	0.0583663
Lower 95% Mean	0.0582227
N	774083
N Missing	0

Leu 2



Quantiles

100.0%	maximum	0.6956522
99.5%		0.1895911
97.5%		0.1571429
90.0%		0.1300813
75.0%	quartile	0.1105528
50.0%	median	0.0921053
25.0%	quartile	0.0746269
10.0%		0.0585774
2.5%		0.0383527
0.5%		0.0173611
0.0%	minimum	0

Summary Statistics

Mean	0.0935594
Std Dev	0.0297622
Std Err Mean	3.3828e-5
Upper 95% Mean	0.0936257
Lower 95% Mean	0.0934931
N	774083
N Missing	0

Met 2



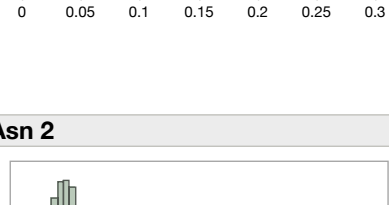
Quantiles

100.0%	maximum	0.4193548
99.5%		0.0746269
97.5%		0.0535714
90.0%		0.0393701
75.0%	quartile	0.0304878
50.0%	median	0.0228571
25.0%	quartile	0.0164609
10.0%		0.0114679
2.5%		0.0069146
0.5%		0.0038911
0.0%	minimum	0

Summary Statistics

Mean	0.0246523
Std Dev	0.0123615
Std Err Mean	1.405e-5
Upper 95% Mean	0.0246798
Lower 95% Mean	0.0246248
N	774083
N Missing	0

Asn 2



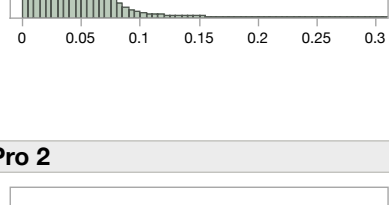
Quantiles

100.0%	maximum	0.8931298
99.5%		0.163451
97.5%		0.097561
90.0%		0.0671251
75.0%	quartile	0.0512821
50.0%	median	0.0383091
25.0%	quartile	0.0268657
10.0%		0.0166667
2.5%		0.0066481
0.5%		0
0.0%	minimum	0

Summary Statistics

Mean	0.0415867
Std Dev	0.0254634
Std Err Mean	2.8942e-5
Upper 95% Mean	0.0416434
Lower 95% Mean	0.0415299
N	774083
N Missing	0

Pro 2



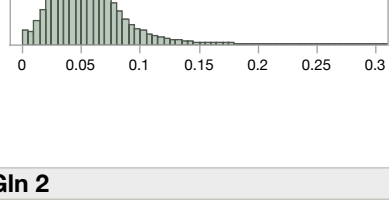
Quantiles

100.0%	maximum	0.9681794
99.5%		0.1726786
97.5%		0.120332
90.0%		0.084507
75.0%	quartile	0.0641711
50.0%	median	0.0485876
25.0%	quartile	0.0359116
10.0%		0.0248619
2.5%		0.0121581
0.5%		0
0.0%	minimum	0

Summary Statistics

Mean	0.0528593
Std Dev	0.0277622
Std Err Mean	3.1554e-5
Upper 95% Mean	0.0529211
Lower 95% Mean	0.0527974
N	774083
N Missing	0

Gln 2



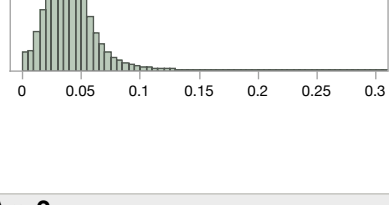
Quantiles

100.0%	maximum	0.9875
99.5%		0.1227112
97.5%		0.0866667
90.0%		0.0630499
75.0%	quartile	0.0493274
50.0%	median	0.0376106
25.0%	quartile	0.0272727
10.0%		0.0181818
2.5%		0.0081633
0.5%		0
0.0%	minimum	0

Summary Statistics

Mean	0.0399387
Std Dev	0.0205363
Std Err Mean	2.3341e-5
Upper 95% Mean	0.0399844
Lower 95% Mean	0.0398929
N	774083
N Missing	0

Arg 2



Quantiles

100.0%	maximum	0.5806452
99.5%		0.1666667
97.5%		0.1229311
90.0%		0.0900901
75.0%	quartile	0.0705596
50.0%	median	0.0542495
25.0%	quartile	0.04
10.0%		0.0277778
2.5%		0.0145631
0.5%		0
0.0%	minimum	0

Summary Statistics