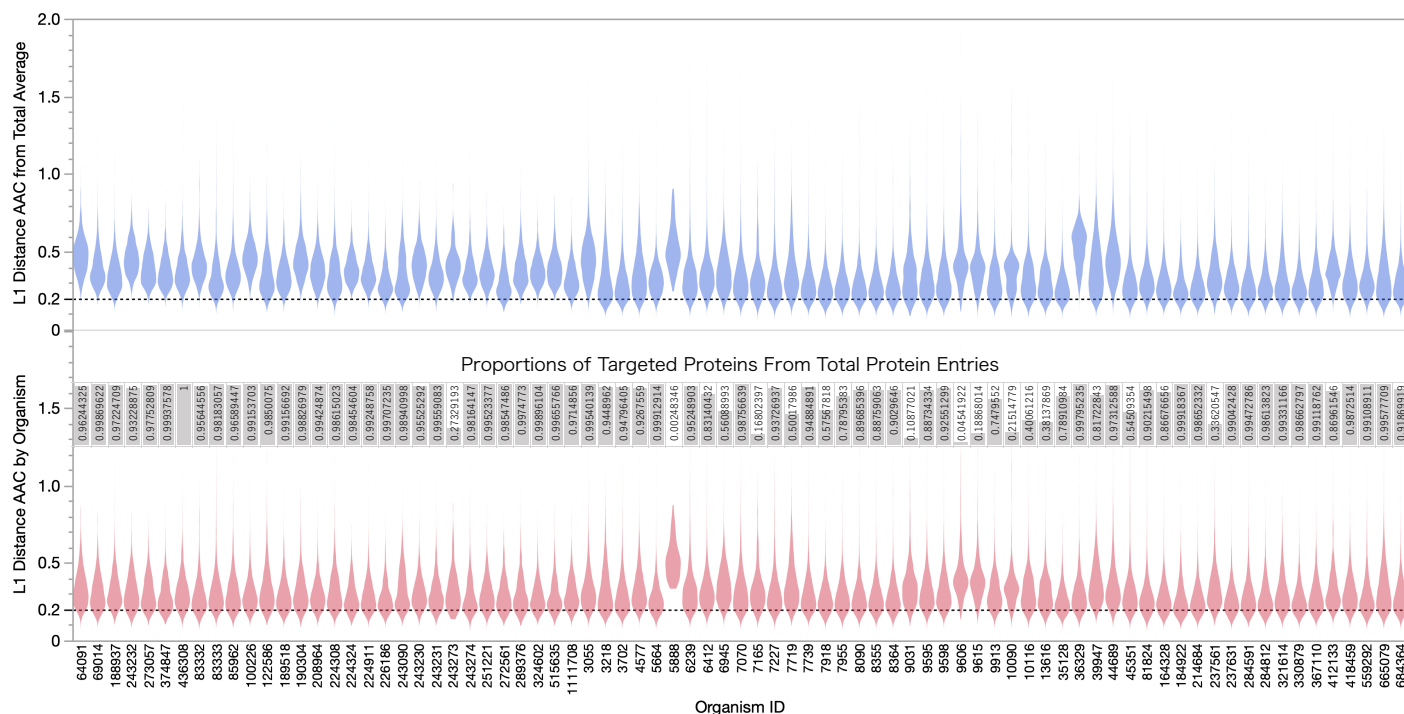


Supplementary Figure 2.



This figure shows the L1 distance distributions of the protein amino acid composition of each organism. Upper blue shows those between each protein and its overall central, average composition. Lower red shows those between each protein and each proteome central, each average composition. Middle gray shows each proportion of targeted (included) proteins from the total protein entry list of the reference proteome (from Figure 1).

If we exclude the proteomes of species with high exclusions, both the distribution of amino acid composition distances from the total center and the distribution of amino acid composition distances from each center of the proteome proteins were surprisingly uniform across organisms.

For reference, dotted lines are added to both distributions at the distance value of 0.2 used as the cutoff in Figure 4 (b) and (d).