Normalized Residue Frequencies (Z-scores) ALA --0.8 1.3 -0.6 -0.7 1.0 1.0 1.3 ARG -0.1 0.3 0.3 0.5 0.5 0.0 1.0 0.2 ASN -0.1 -0.8 -0.8 -0.6 -0.7 -1.0 0.6 -0.9 ASP -0.1 0.3 8.0 0.5 1.1 0.5 1.7 1.3 GLN --0.2 -0.8 -0.8 -1.2 -1.3 -1.0 -0.8 -0.9 GLU -0.1 -0.2 -0.3 1.7 1.7 -0.5 -0.4 -0.3 GLY -0.3 1.3 -0.0 0.3 -0.1 1.0 1.3 HIS -0.1 -0.2 -0.3 -1.2 -1.3 0.0 -0.8 -0.9 ILE -2.0 0.9 -0.8 -1.2 -0.7 0.0 -0.8 -0.3 Residue LEU --0.8 -0.8 -0.8 -0.6 -0.7 -0.5 -0.4 1.3 LYS --0.2 -0.8 -0.8 -0.0 0.5 -1.0 -0.4 -0.9 MET --0.8 -0.2 -0.3 -0.0 -0.4 -0.9 0.5 -0.5 PHE -0.1 -0.2 -1.3 -0.0 -0.1 -1.0 -0.4 -0.3 PRO --0.8 -0.8 -0.3 -1.2 -1.3 0.0 -1.1 -0.3 SER -2.0 2.6 1.3 1.7 0.5 1.5 1.7 0.8 SO4 --1.7 -1.4 -1.3 -1.2 -1.1 -0.9 -1.3 -1.5 THR -0.9 -0.8 -0.3 -0.0 -0.1 0.0 -1.1 -0.3 TRP --0.8 -1.4 0.5 -0.8 0.3 0.5 0.5 -0.9 TYR -2.1 2.8 2.3 2.2 2.9 2.1 2.4 VAL --0.8 -0.2 -0.3 0.5 0.3 -0.9 -0.5

578m

soil