Figure S2. Figure S2. Zonal variation in the spectral counts of (a) PstS, (b) PhoA, (c) PhoX and (d) UrtA at different levels taxonomic specificity in *Prochlorococcus* indicating the coherence in patterns in biomarker proteins across clades. HLII 9314 peptides are those specific to the strain MIT9314 based on amino acid sequence and comparison to a comprehensive collection of isolate genomes and MAG genomes. HLII peptides are those that are specific to the HLII ecotype but are shared among many HLII strains. All *Prochlorococcus* peptides are those that are specific to *Prochlorococcus* but are shared across ecotypes.

A group of graphs showing different types of phylum

AI-generated content may be incorrect.