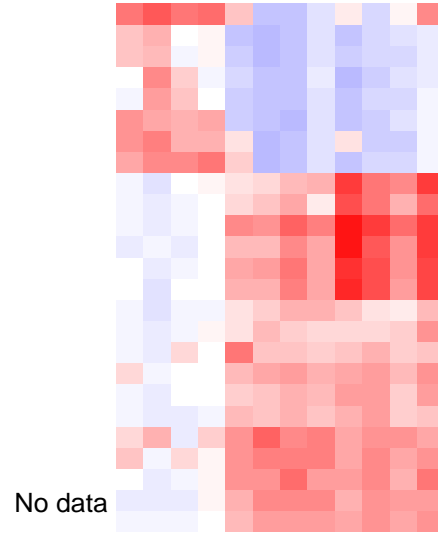


-10 -5 0 5 10

clr-transformed sequence counts

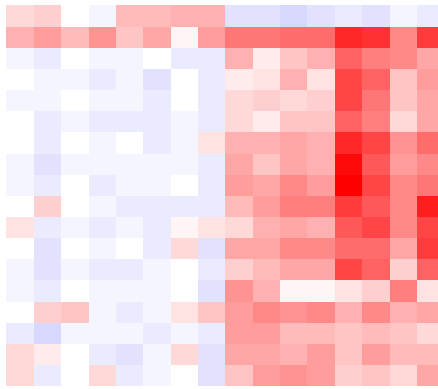
FL



No data

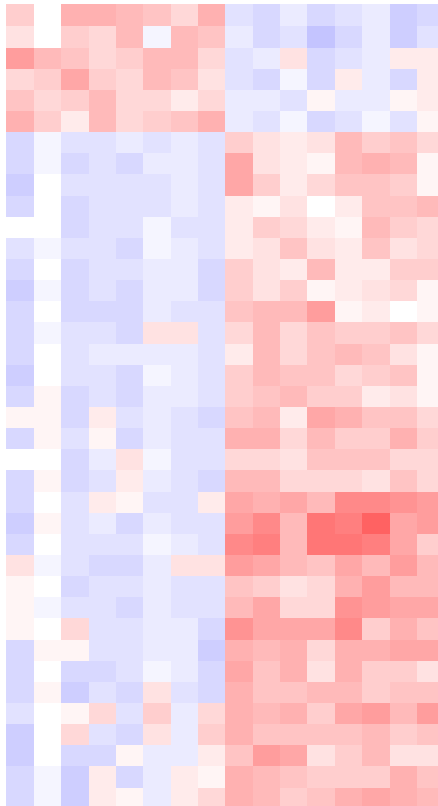
Gammaproteobacteria: Pseudoalteromonas\_sq140  
 Gammaproteobacteria: Alcanivorax\_sq572  
 Gammaproteobacteria: ZD0417 marine group\_sq212  
 Bacteroidetes BD2-2: Bacteroidetes BD2-2\_sq2097  
 Gammaproteobacteria: Gammaproteobacteria\_sq877  
 Actinobacteria: Microbacterium\_sq1934  
 Gammaproteobacteria: Pseudoalteromonas\_sq601  
 Alphaproteobacteria: Ruegeria\_sq432  
 Gammaproteobacteria: Litoricola\_sq14  
 Flavobacteriia: NS5 marine group\_sq65  
 Flavobacteriia: NS5 marine group\_sq4  
 Alphaproteobacteria: PS1 clade\_sq8  
 Flavobacteriia: NS5 marine group\_sq21  
 Flavobacteriia: NS5 marine group\_sq19  
 Flavobacteriia: NS4 marine group\_sq422  
 Alphaproteobacteria: Surface\_1\_sq959  
 Alphaproteobacteria: Rhodobacteraceae\_sq211  
 Flavobacteriia: NS4 marine group\_sq139  
 Alphaproteobacteria: SAR116 clade\_sq311  
 Flavobacteriia: NS5 marine group\_sq458  
 Alphaproteobacteria: SAR11 clade\_sq62  
 Alphaproteobacteria: PS1 clade\_sq103  
 Flavobacteriia: NS5 marine group\_sq96  
 Cytophagia: Marinoscillum\_sq132  
 Alphaproteobacteria: PS1 clade\_sq201

PA



Flavobacteriia: Algिताlea\_sq2163  
 Alphaproteobacteria: Rhodobacteraceae\_sq16  
 Gammaproteobacteria: Alteromonadaceae\_sq83  
 Flavobacteriia: Flavobacteriaceae\_sq55  
 Flavobacteriia: Cryomorphaceae\_sq80  
 Flavobacteriia: Flavobacteriaceae\_sq135  
 Gammaproteobacteria: Alteromonadaceae\_sq26  
 Gammaproteobacteria: Marinobacterium\_sq11  
 Gammaproteobacteria: Marinobacterium\_sq5  
 Gammaproteobacteria: Litoricola\_sq14  
 Flavobacteriia: Cryomorphaceae\_sq25  
 Gammaproteobacteria: Alteromonadaceae\_sq59  
 Gammaproteobacteria: Litoricola\_sq31  
 Gammaproteobacteria: Litoribacillus\_sq879  
 Flavobacteriia: Flavobacteriaceae\_sq270  
 Gammaproteobacteria: Oleiphilus\_sq926  
 Gammaproteobacteria: SAR86 clade\_sq245  
 Gammaproteobacteria: SAR86 clade\_sq70

SED



Planctomycetacia: Bythopirellula\_sq1440  
 Planctomycetacia: Rhodopirellula\_sq2306  
 Planctomycetacia: Blastopirellula\_sq930  
 Sphingobacteriia: Saprospiraceae\_sq1506  
 Alphaproteobacteria: Rhodobacteraceae\_sq1947  
 Alphaproteobacteria: Actibacterium\_sq1548  
 Deltaproteobacteria: Desulfofustis\_sq2309  
 Deltaproteobacteria: Desulfobulbaceae\_sq1549  
 Gammaproteobacteria: Thiotrichaceae\_sq1866  
 Flavobacteriia: Actibacter\_sq2316  
 Gammaproteobacteria: Gammaproteobacteria\_sq2270  
 Gammaproteobacteria: Gammaproteobacteria\_sq2566  
 Deltaproteobacteria: Desulfobacteraceae\_sq2210  
 Planctomycetacia: Rhodopirellula\_sq3053  
 Acidimicrobiia: OM1 clade\_sq1320  
 Flavobacteriia: Ulvibacter\_sq1449  
 Gammaproteobacteria: BD7-8 marine group\_sq1971  
 Gammaproteobacteria: KI89A clade\_sq1746  
 Gammaproteobacteria: Xanthomonadales\_sq2207  
 Deltaproteobacteria: Desulfococcus\_sq1103  
 Proteobacteria Incertae Sedis: Candidatus Thiobios\_sq1161  
 Gammaproteobacteria: BD7-8 marine group\_sq1046  
 Aminicenantes\_unclassified: Aminicenantes\_sq1782  
 Flavobacteriia: Actibacter\_sq278  
 Flavobacteriia: Robiginitalea\_sq137  
 Flavobacteriia: Robiginitalea\_sq155  
 Acidimicrobiia: OM1 clade\_sq530  
 Flavobacteriia: Winogradskyella\_sq913  
 Flavobacteriia: Robiginitalea\_sq444  
 Deltaproteobacteria: Sva0081 sediment group\_sq447  
 Deltaproteobacteria: Desulfobulbaceae\_sq732  
 Ardentiacatenia: Ardentiacatenia\_sq1266  
 Deltaproteobacteria: Desulfosarcina\_sq1023  
 Deltaproteobacteria: Desulfobulbaceae\_sq480  
 Planctomycetacia: Pirellula\_sq1077  
 Alphaproteobacteria: Dinoroseobacter\_sq1078  
 Gammaproteobacteria: JTB255 marine benthic group\_sq1064  
 Acidimicrobiia: OM1 clade\_sq836

Uninhabited\_North\_25m  
 Uninhabited\_North\_75m  
 Uninhabited\_North\_150m  
 Uninhabited\_North\_300m  
 Uninhabited\_South\_25m  
 Uninhabited\_South\_75m  
 Uninhabited\_South\_150m  
 Uninhabited\_South\_300m  
 Inhabited\_North\_25m  
 Inhabited\_North\_75m  
 Inhabited\_North\_150m  
 Inhabited\_North\_300m  
 Inhabited\_South\_25m  
 Inhabited\_South\_75m  
 Inhabited\_South\_150m  
 Inhabited\_South\_300m