

Culture by flight

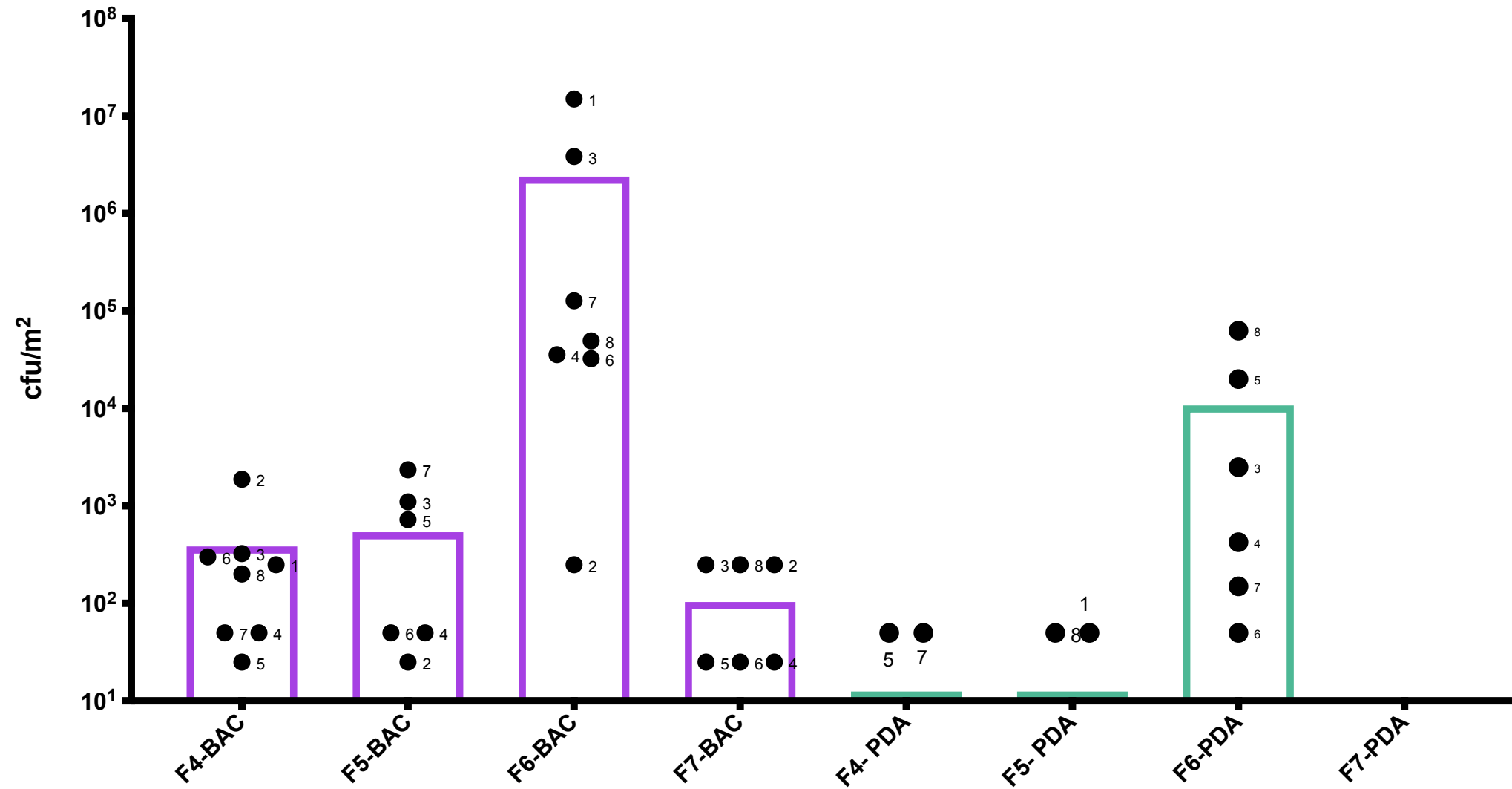


Fig. S2

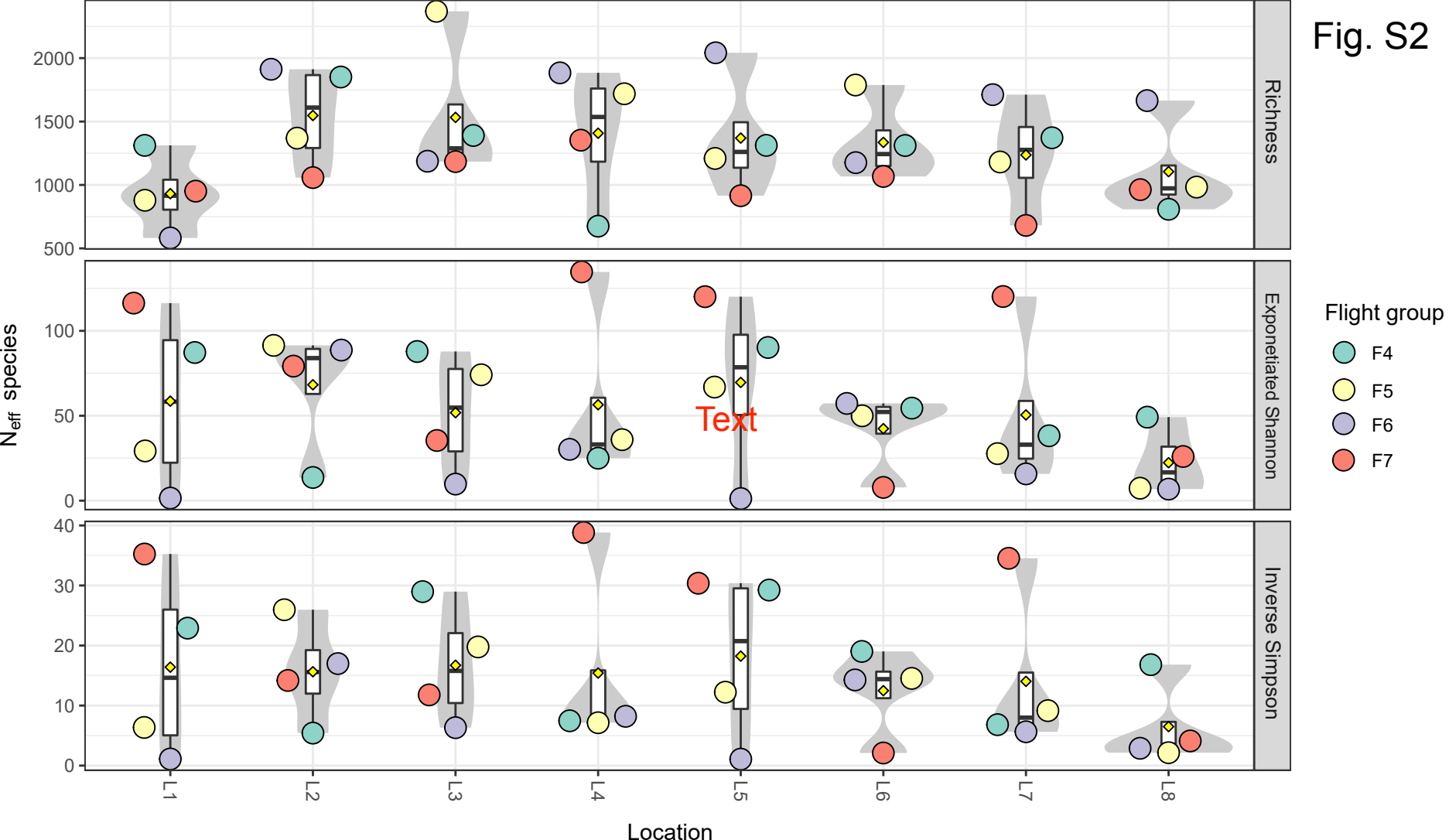


Fig. S3A

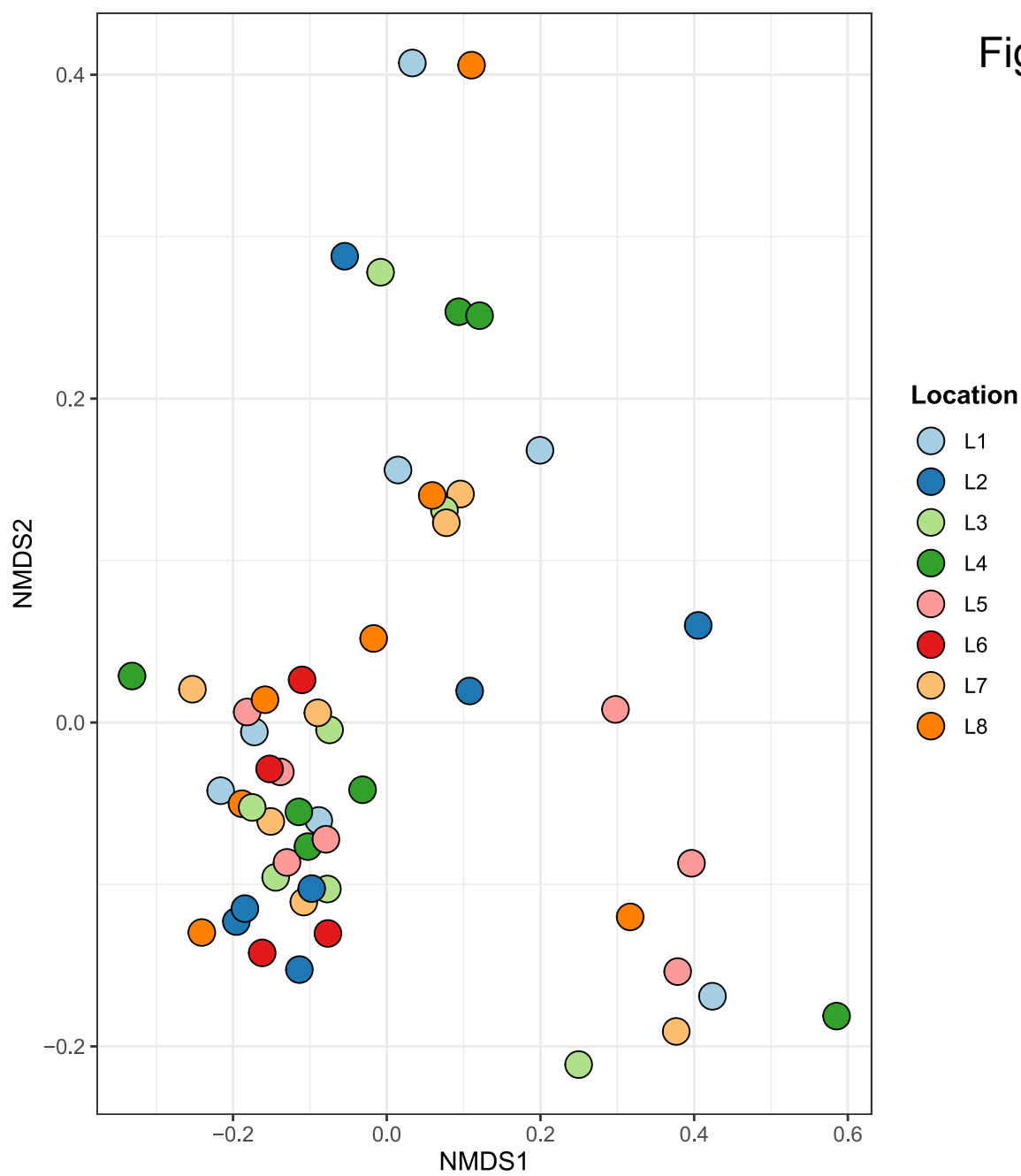


Fig. S3B

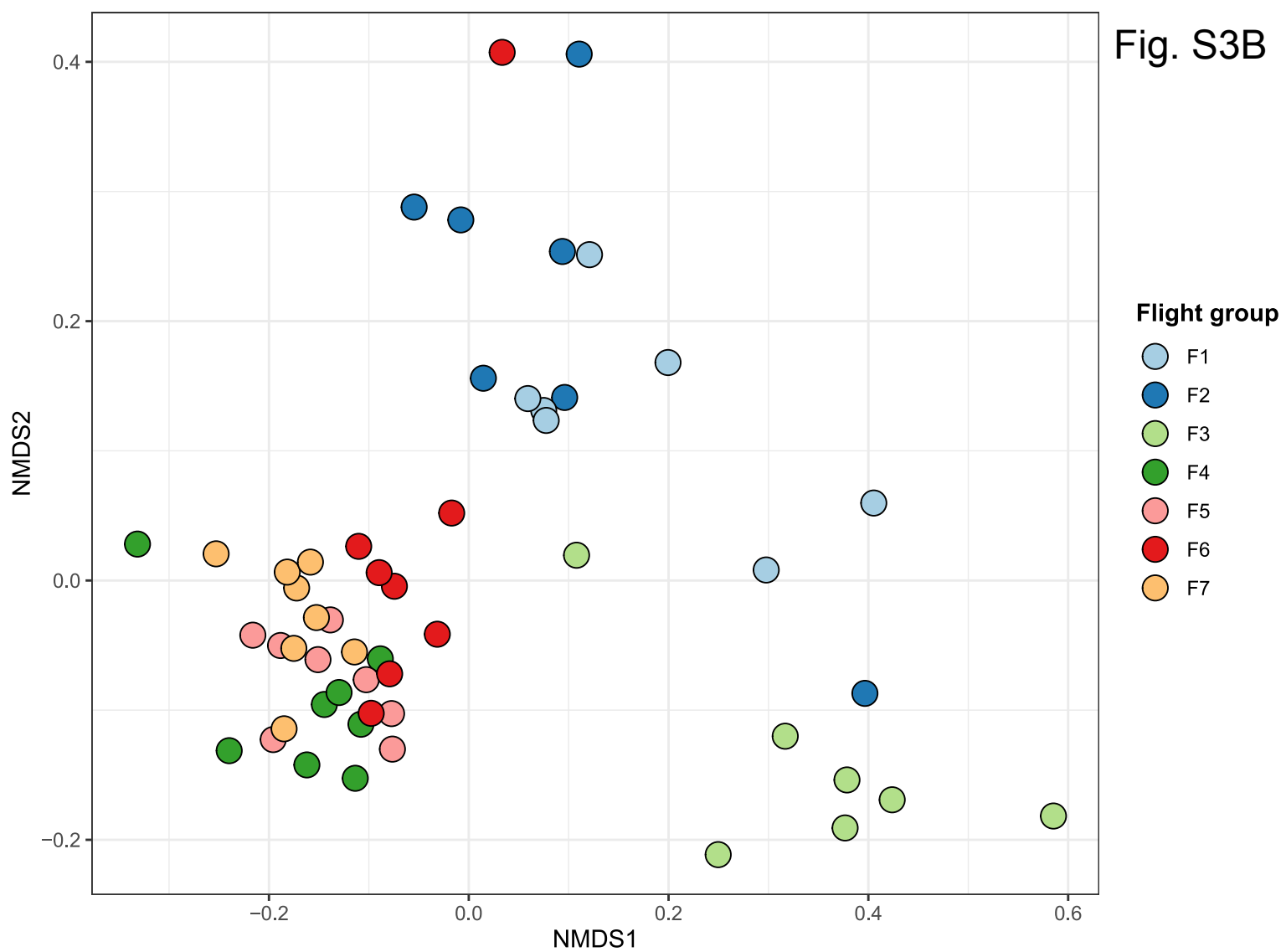
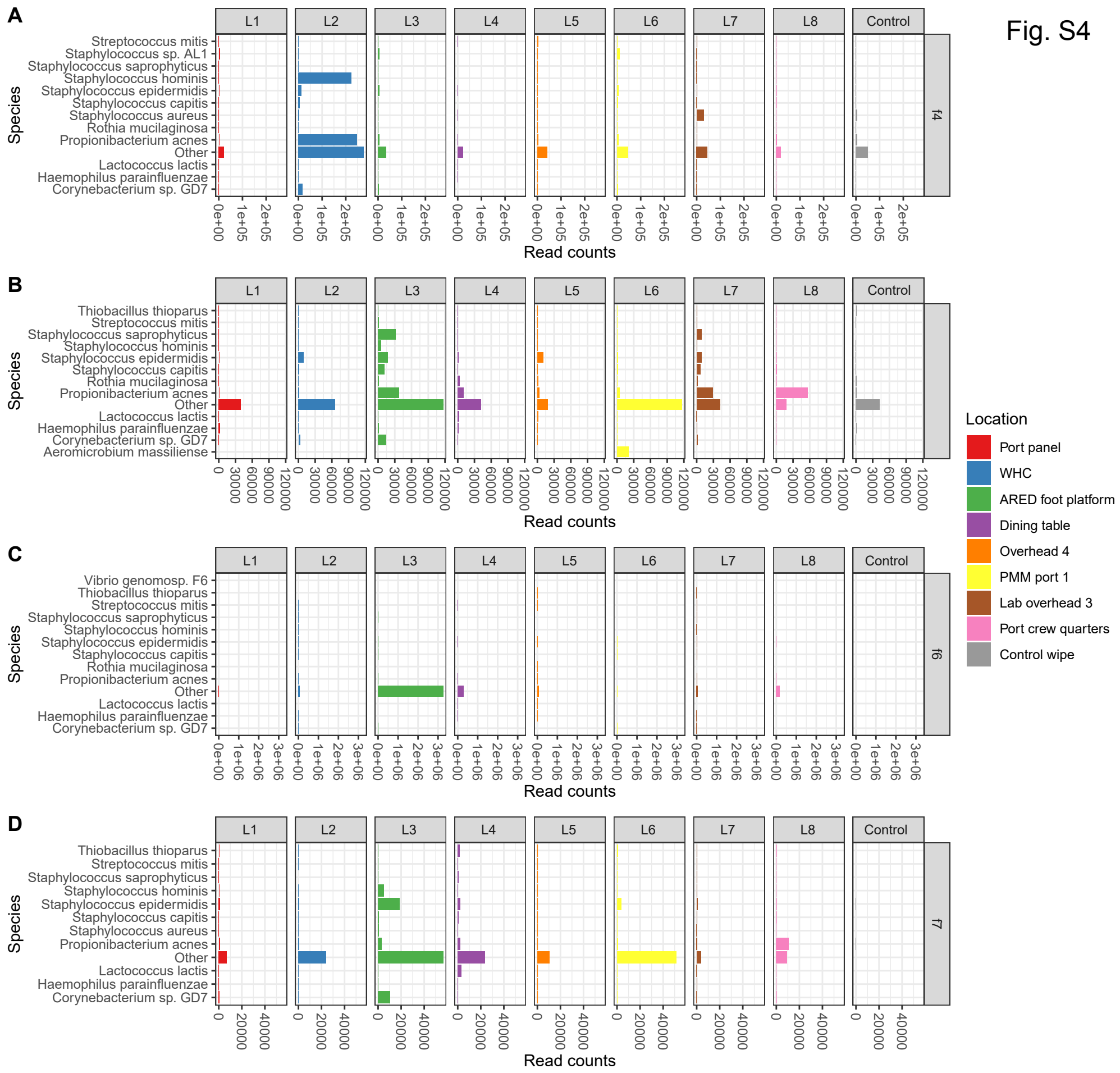


Fig. S4



Species Association Profile

Fig. S6

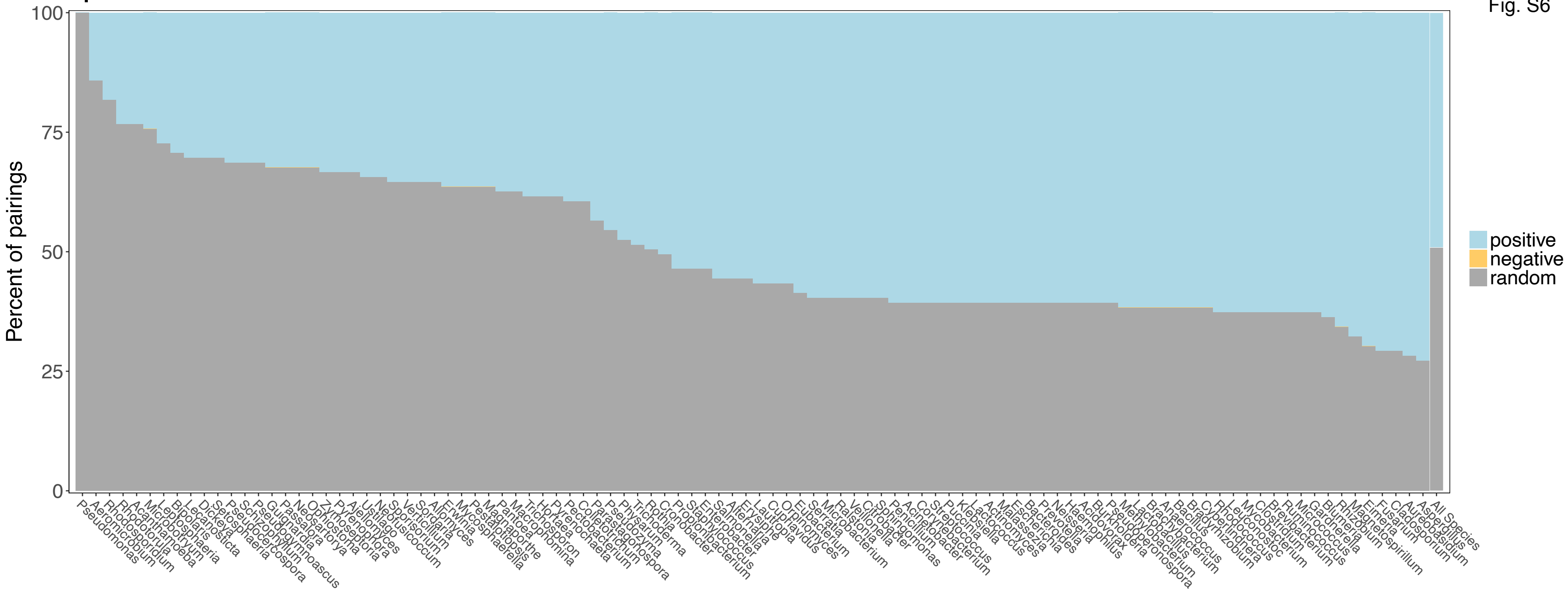


Fig. S7

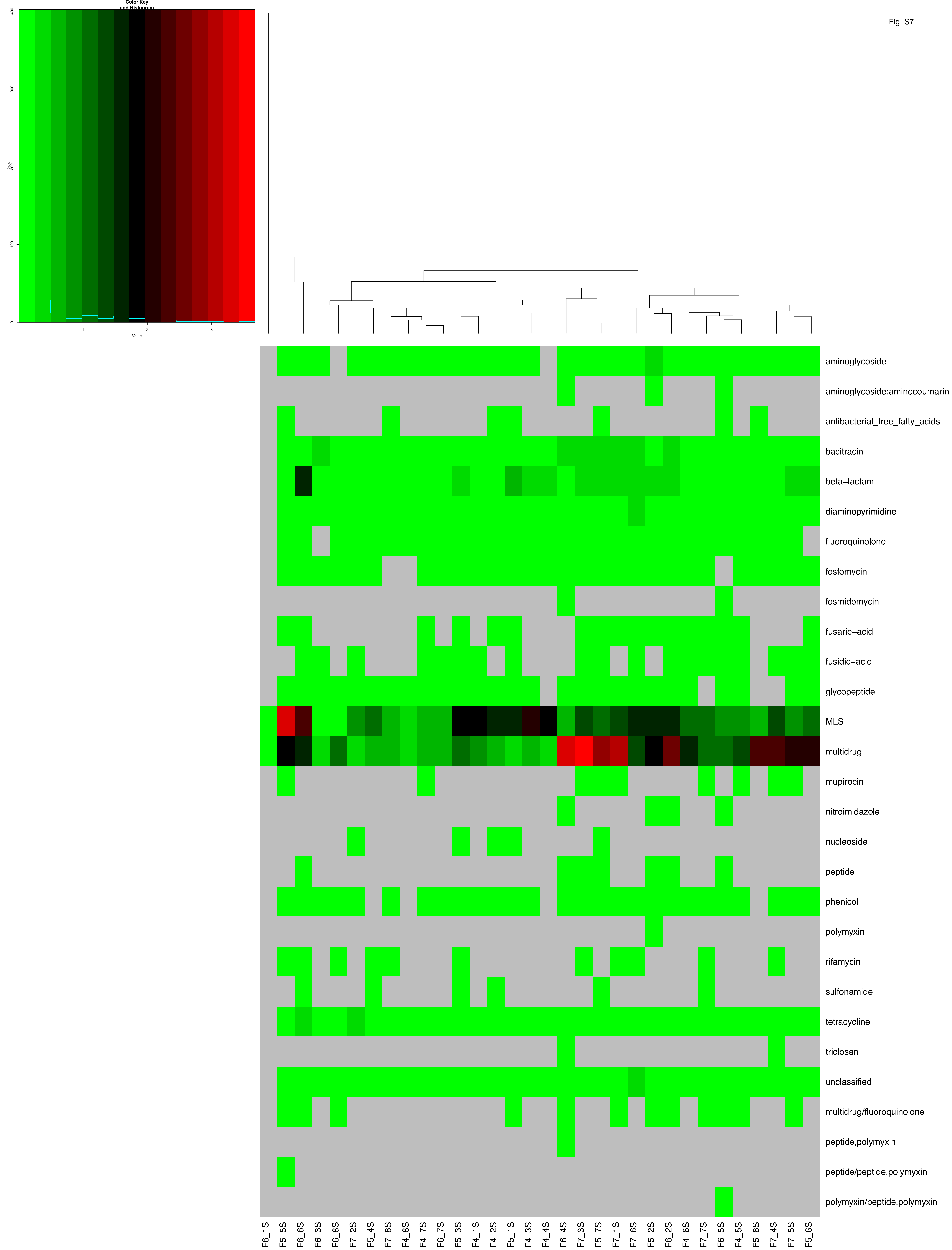
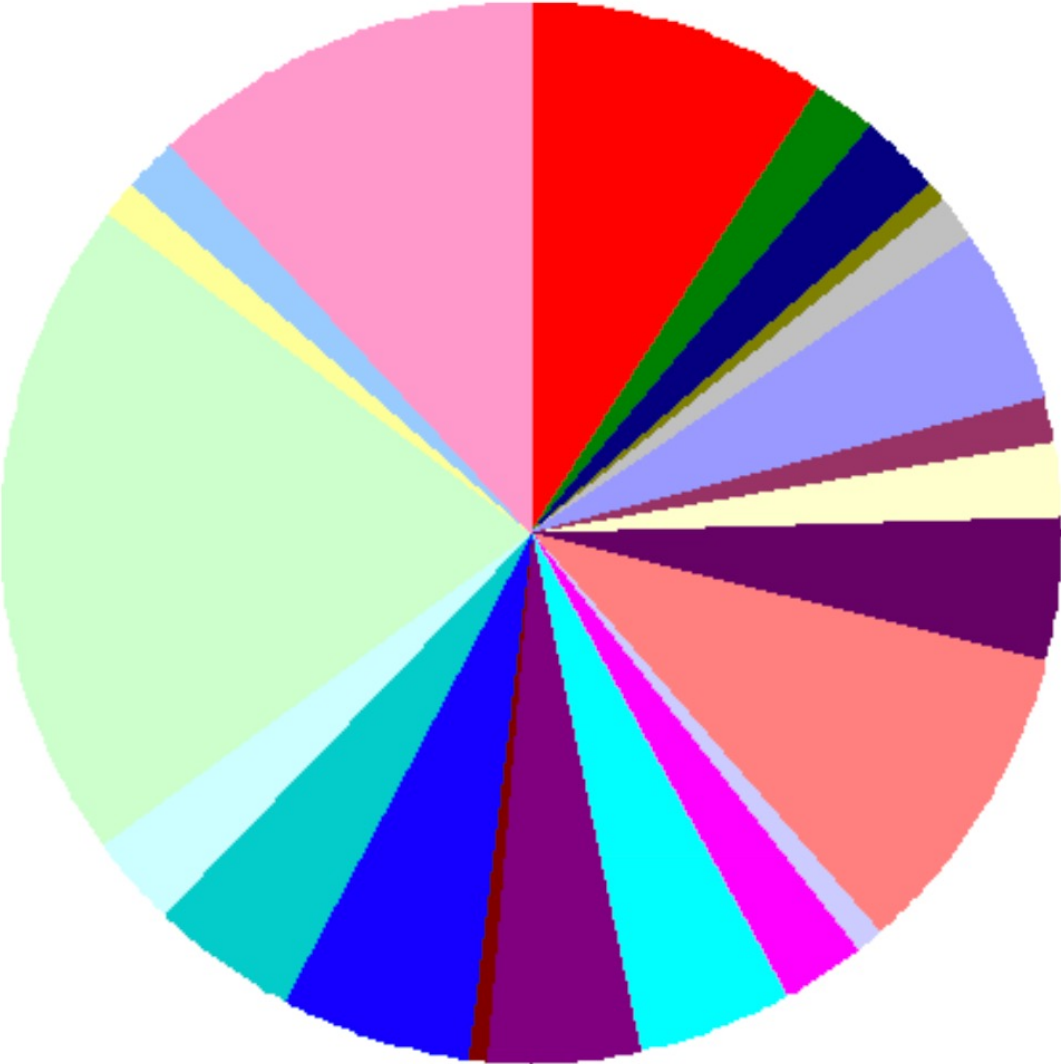


Fig. S8

Subsystem Coverage



Subsystem Category Distribution



Subsystem Feature Counts

- ⊕ Cofactors, Vitamins, Prosthetic Groups, Pigments (197)
- ⊕ Cell Wall and Capsule (42)
- ⊕ Virulence, Disease and Defense (54)
- ⊕ Potassium metabolism (11)
- ⊕ Photosynthesis (0)
- ⊕ Miscellaneous (29)
- ⊕ Phages, Prophages, Transposable elements, Plasmids (1)
- ⊕ Membrane Transport (116)
- ⊕ Iron acquisition and metabolism (26)
- ⊕ RNA Metabolism (50)
- ⊕ Nucleosides and Nucleotides (94)
- ⊕ Protein Metabolism (204)
- ⊕ Cell Division and Cell Cycle (0)
- ⊕ Motility and Chemotaxis (21)
- ⊕ Regulation and Cell signaling (54)
- ⊕ Secondary Metabolism (4)
- ⊕ DNA Metabolism (97)
- ⊕ Fatty Acids, Lipids, and Isoprenoids (101)
- ⊕ Nitrogen Metabolism (13)
- ⊕ Dormancy and Sporulation (2)
- ⊕ Respiration (122)
- ⊕ Stress Response (95)
- ⊕ Metabolism of Aromatic Compounds (61)
- ⊕ Amino Acids and Derivatives (427)
- ⊕ Sulfur Metabolism (27)
- ⊕ Phosphorus Metabolism (35)
- ⊕ Carbohydrates (244)

species

