

Supplementary Figures

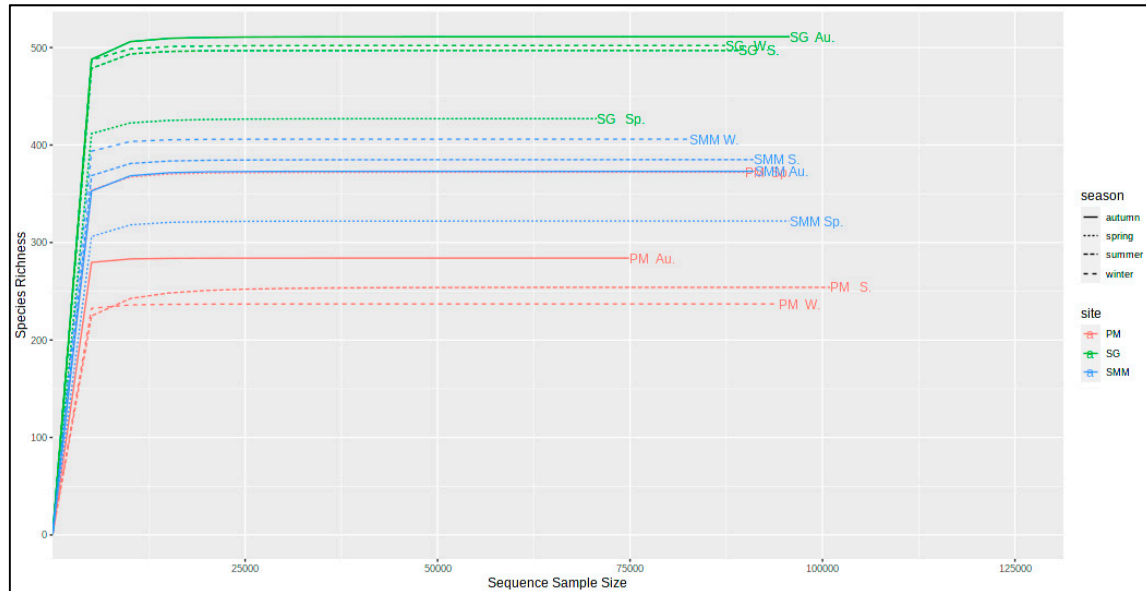


Figure S1. Rarefaction curves show the observed species richness with increasing sequences depth of SAMCs. Different colors and lines represent distinct sampling sites and seasons. SMM: Santa Maria del Mare (blue), PM: Porto Marghera (red), SG: San Giuliano (green). The curves generated by MicrobiomeAnalyst tool using 20 subsample steps and exploring all sequence reads. (W.: Winter, Sp.: Spring, S.: Summer, Au.: Autumn).

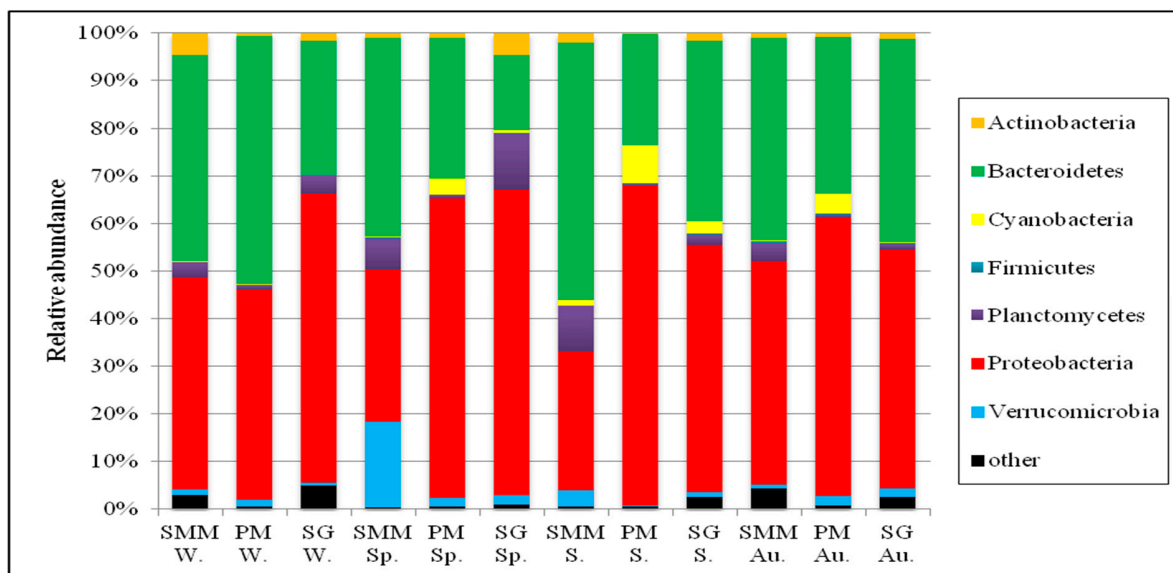


Figure S2. SAMCs at the phyla level. (W.: Winter, Sp.: Spring, S.: Summer, Au.: Autumn) across LV sampling sites. The phyla with relative abundance lower than 1.0% were grouped together. SMM: Santa Maria del Mare, PM: Porto Marghera, SG: San Giuliano.

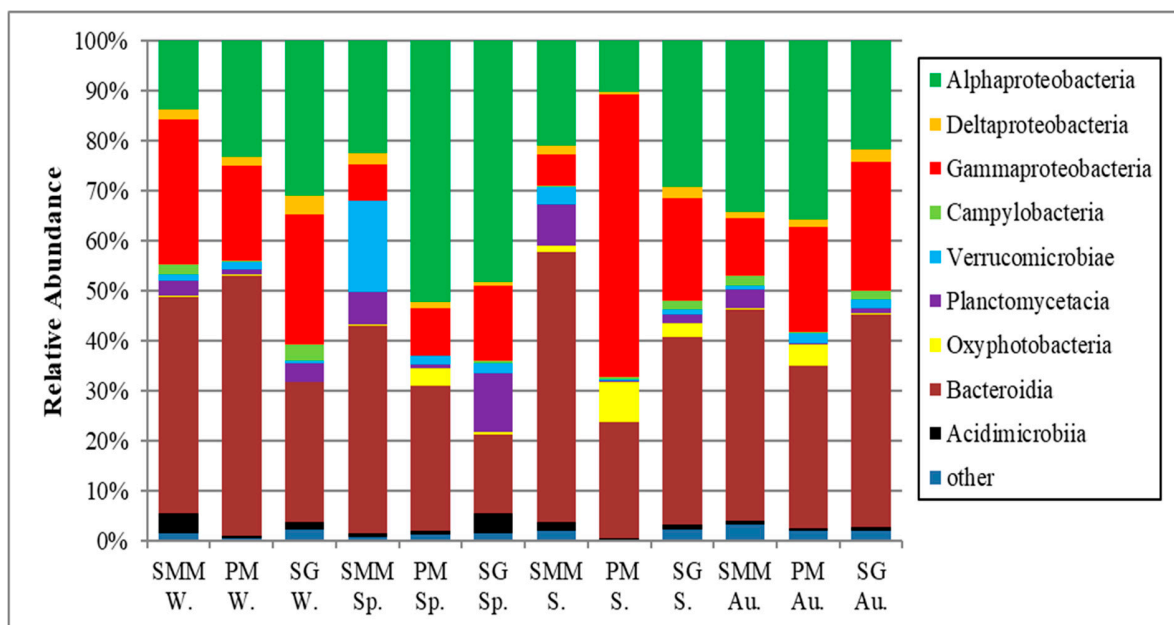


Figure S3. SAMCs at the class level. (W.: Winter, Sp.: Spring, S.: Summer, Au.: Autumn) across LV sampling sites. The classes with relative abundance lower than 1.0% were grouped together. SMM: Santa Maria del Mare, PM: Porto Marghera, SG: San Giuliano.