

Supplementary Materials

Potential of Biosurfactants' Production on Degrading Heavy Oil by Bacterial Consortia Abtained from Tsunami-Induced, Oil-Spilled Beach Areas in Miyagi, Japan

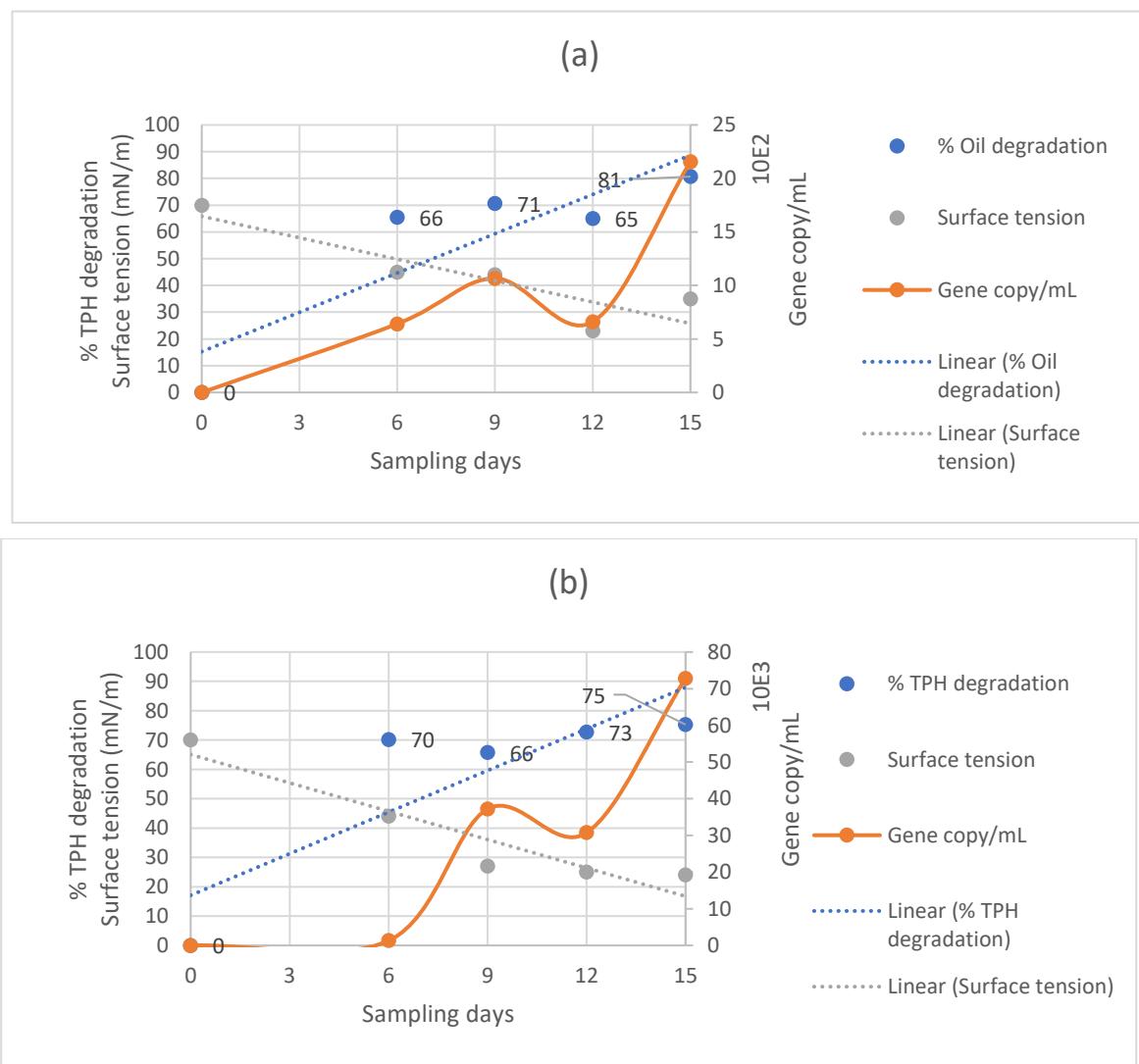
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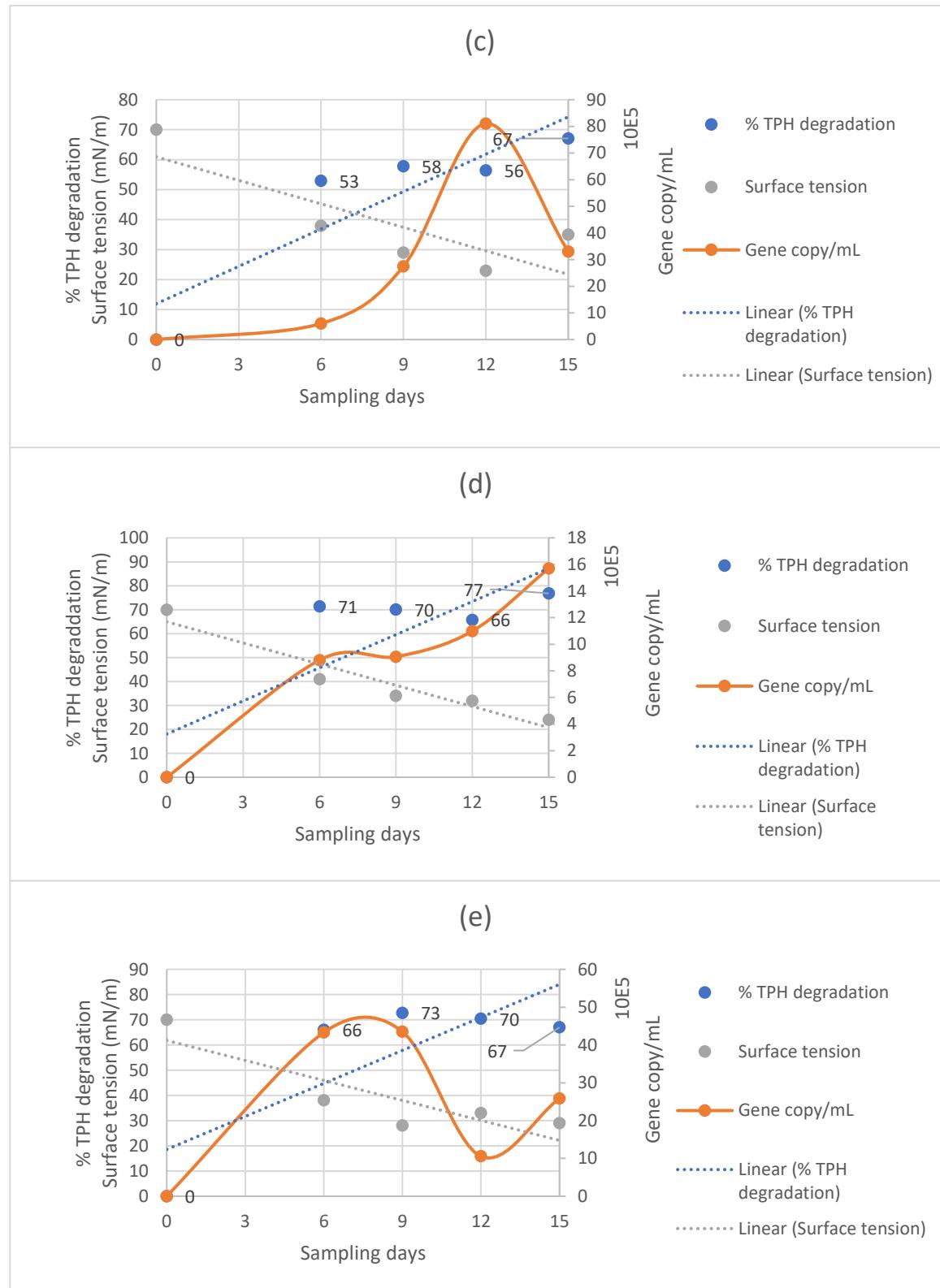
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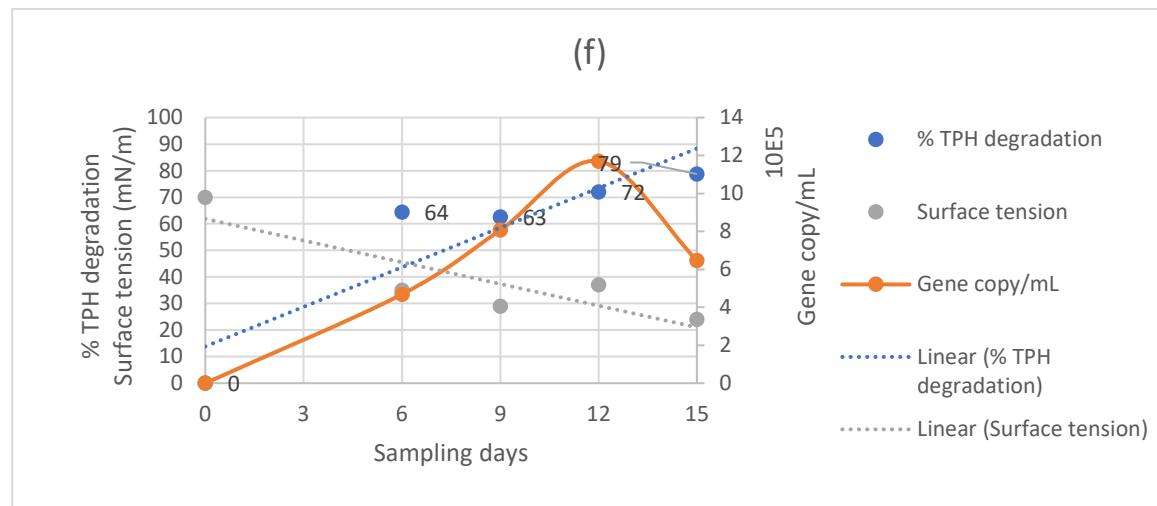


Figure S1. Percentage of TPH degradation, 16s rRNA gene copy/mL of culture, and surface tension reduction by consortia (a) C1, (b) C2, (c) C3, (d) C4, (e) C5, and (f) C6; of the 15th generation.

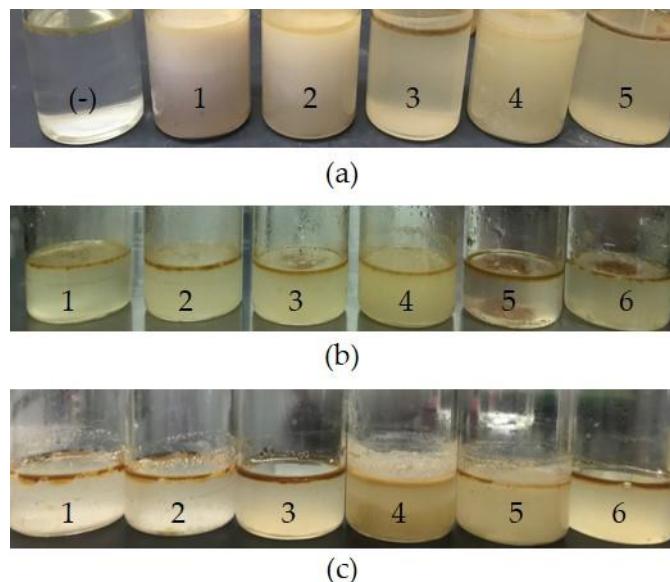


Figure S2 The turbidity of culture among consortia C1, C2, C3, C4, C5, and C6; at the (a) 5th, (b) 10th, and (c) 15th generation.

Table S1. Statistical summary of principal component analysis (PCA) biplot of Figure 6.

Component	Standard deviation	Proportion of Variance	Cumulative Proportion
PC1	1.62340549987244	0.52709	0.52709
PC2	1.11331152914035	0.24789	0.77498
PC3	0.824527004050215	0.13597	0.91095
PC4	0.544626688831324	0.05932	0.97027
PC5	0.385524333177157	0.02973	1