

# Supplementary Information

## Improved Extraction Method to Evaluate the Degradation of Selected PAHs by Marine Fungi Grown in Fermentative Medium

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**Table S1.** Degradation rates of the filamentous fungi

Filamentous fungi	GC-MS analysis ( $\mu\text{g mL}^{-1}$ )		Detected amount (mg)		Consumed amount (mg)		Degradation rate (%)	
	Py	BaP	Py	BaP	Py	BaP	Py	BaP
<i>M. racemosus</i>	14.8	5.6	1.48	0.56	0.52	0.44	26	44
<i>A. japonicus</i>	14.2	7.7	1.42	0.77	0.58	0.23	29	23
<i>Cladosporium</i> sp.	16.2	8.3	1.62	0.83	0.38	0.17	19	17
<i>A. sclerotiorum</i>	3.0	4.0	0.30	0.40	1.71	0.61	85	61
<i>K. oryzae</i>	16.0	8.5	1.60	0.85	0.40	0.15	20	15
<i>Penicillium</i> sp.	17.3	9.6	1.73	0.96	0.28	0.04	14	4
<i>Trichoderma</i> sp.	16.8	9.0	1.68	0.90	0.32	0.10	16	10
<i>P. citrinum</i>	15.8	8.7	1.58	0.87	0.42	0.13	21	13
<i>F. oxysporum</i>	16.4	8.1	1.64	0.81	0.36	0.19	18	19
<i>Phoma</i> sp.	14.2	8.9	1.42	0.89	0.58	0.11	29	11
<i>Paraphaeosphaeria</i> sp.	11.4	7.1	1.14	0.71	0.86	0.29	43	29
<i>C. cladosporioides</i>	14.2	7.0	1.42	0.70	0.58	0.30	29	30
<i>Eutypella</i> sp.	12.8	8.6	1.28	0.86	0.72	0.14	36	14

(Py: pyrene): 2.01 mg added for fermentation. (BaP: benzo[a]pyrene): 1.01 mg added for fermentation.

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