

Table S1. Mean, variability (SD = standard deviation; 95% CI = 95% confidence intervals) and number of replicates (N) for each bacterial strain and growth parameter in all microcosm types.

Microcosm	Growth Parameter	N	Mean	SD	95% CI
SEDIMENT + POREWATER					
<i>Roseivivax</i>					
Log _e Growth Rate (gene copies h ⁻¹)					
Monoculture		3	19.104	5.227	± 12.984
+ <i>Vibrio</i> (V)		3	9.423	3.513	± 8.727
+ <i>Pseudoalteromonas</i> (P)		3	19.997	2.694	± 6.692
+ <i>Bacillus</i> (B) + V		3	13.191	8.273	± 20.543
+ B + P		3	10.493	2.990	± 7.428
+ V + P		3	3.886	1.470	± 3.652
Log _e Density (gene copies ml ⁻¹)					
Monoculture		3	2.261	0.591	± 1.468
+ <i>Vibrio</i> (V)		3	0.787	0.183	± 0.455
+ <i>Pseudoalteromonas</i> (P)		3	1.088	0.345	± 0.857
+ B + V		3	0.872	0.570	± 1.416
+ B + P		3	0.851	0.137	± 0.340
+ V + P		3	1.531	0.225	± 0.559
Lag Time (h)					
Monoculture		3	12.698	4.903	± 12.179
+ <i>Vibrio</i> (V)		3	8.801	5.321	± 13.218
+ <i>Pseudoalteromonas</i> (P)		3	14.991	0.688	± 1.709
+ B + V		3	10.780	4.221	± 10.485
+ B + P		3	4.821	6.247	± 15.518
+ V + P		3	6.839	2.857	± 7.097
<i>Bacillus</i>					
Log _e Growth Rate (gene copies h ⁻¹)					
Monoculture		3	15.104	2.285	± 5.676
+ <i>Vibrio</i> (V)		3	6.195	0.139	± 0.345
+ <i>Pseudoalteromonas</i> (P)		3	7.160	1.390	± 3.453
+ R + V		3	13.264	3.776	± 9.380
+ R + P		3	4.574	2.114	± 5.251
+ V + P		3	5.326	0.497	± 1.235
Log _e Density (gene copies ml ⁻¹)					
Monoculture		3	2.164	0.250	± 0.621
+ <i>Vibrio</i> (V)		3	0.953	0.246	± 0.611

+ <i>Pseudoalteromonas</i> (P)	3	0.846	0.190	± 0.472
+ R + V	3	2.302	0.076	± 0.189
+ R + P	3	1.114	0.111	± 0.276
+ V + P	3	1.069	0.208	± 0.517
Lag Time (h)				
Monoculture	3	8.896	4.054	± 10.070
+ <i>Vibrio</i> (V)	3	0.261	0.360	± 0.894
+ <i>Pseudoalteromonas</i> (P)	3	3.136	1.132	± 2.812
+ R + V	3	12.111	7.933	± 19.701
+ R + P	3	3.553	1.681	± 4.176
+ V + P	3	1.765	2.066	± 5.132

Vibrio

Log_e Growth Rate (gene copies h⁻¹)

Monoculture	3	2.903	0.680	± 1.689
+ <i>Bacillus</i> (B)	3	5.477	0.371	± 0.922
+ <i>Roseivivax</i> (R)	3	5.400	0.051	± 0.127
+ B + R	3	4.495	1.106	± 2.747
+ B + P	3	3.325	0.676	± 1.679
+ R + P	3	3.733	1.241	± 3.082

Log_e Density (gene copies ml⁻¹)

Monoculture	3	2.661	0.328	± 0.815
+ <i>Bacillus</i> (B)	3	2.614	0.261	± 0.648
+ <i>Roseivivax</i> (R)	3	2.751	0.250	± 0.621
+ B + R	3	2.500	0.161	± 0.400
+ B + P	3	2.857	0.175	± 0.435
+ R + P	3	3.025	0.335	± 0.832

Lag Time (h)

Monoculture	3	1.917	0.733	± 1.821
+ <i>Bacillus</i> (B)	3	0.295	0.023	± 0.057
+ <i>Roseivivax</i> (R)	3	0.314	0.036	± 0.089
+ B + R	3	3.610	1.134	± 2.817
+ B + P	3	2.143	0.382	± 0.949
+ R + P	3	2.555	1.646	± 4.088

Pseudoalteromonas

Log_e Growth Rate (gene copies h⁻¹)

Monoculture	3	10.246	2.255	± 5.601
+ <i>Bacillus</i> (B)	3	11.0160	1.093	± 2.715
+ <i>Roseivivax</i> (R)	3	8.597	0.574	± 1.426
+ B + R	3	12.007	2.354	± 5.847
+ B + V	3	13.791	2.606	± 6.473

+ R + V	3	7.860	1.496	± 3.716
Log _e Density (gene copies ml ⁻¹)				
Monoculture	3	3.735	0.665	± 1.652
+ <i>Bacillus</i> (B)	3	4.177	0.077	± 0.191
+ <i>Roseivivax</i> (R)	3	3.797	0.157	± 0.390
+ B + R	3	3.853	0.483	± 1.200
+ B + V	3	3.835	0.425	± 1.056
+ R + V	3	3.743	0.407	± 1.011
Lag Time (h)				
Monoculture	3	4.007	3.566	± 8.858
+ <i>Bacillus</i> (B)	3	1.709	2.067	± 5.134
+ <i>Roseivivax</i> (R)	3	4.794	2.207	± 5.482
+ B + R	3	4.157	3.446	± 8.560
+ B + V	3	10.456	3.111	± 7.728
+ R + V	3	8.766	2.984	± 7.412

POREWATER ONLY

Roseivivax

Log _e Growth Rate (gene copies h ⁻¹)				
Monoculture	3	13.726	4.503	± 11.186
+ <i>Vibrio</i> (V)	3	7.565	4.163	± 10.341
+ <i>Pseudoalteromonas</i> (P)	3	9.866	2.092	± 5.196
+ <i>Bacillus</i> (B) + V	3	6.969	0.197	± 0.489
+ B + P	3	5.321	0.894	± 2.221
+ V + P	3	8.792	0.518	± 1.287
Log _e Density (gene copies ml ⁻¹)				
Monoculture	3	1.213	0.260	± 0.646
+ <i>Vibrio</i> (V)	3	0.705	0.120	± 0.298
+ <i>Pseudoalteromonas</i> (P)	3	0.753	0.142	± 0.353
+ B + V	3	0.812	0.320	± 0.794
+ B + P	3	0.589	0.286	± 0.710
+ V + P	3	1.173	0.159	± 0.395
Lag Time (h)				
Monoculture	3	6.747	2.937	± 7.295
+ <i>Vibrio</i> (V)	3	5.772	1.128	± 2.802
+ <i>Pseudoalteromonas</i> (P)	3	3.028	2.535	± 6.297
+ B + V	3	5.126	1.226	± 3.045
+ B + P	3	5.276	4.541	± 11.280
+ V + P	3	6.839	1.694	± 4.208

Bacillus

Log _e Growth Rate (gene copies h ⁻¹)				
Monoculture	3	5.913	0.123	± 0.356
+ <i>Vibrio</i> (V)	3	4.429	1.261	± 3.132
+ <i>Pseudoalteromonas</i> (P)	3	4.750	1.568	± 3.895
+ R + V	3	3.941	1.227	± 3.048
+ R + P	3	4.238	1.357	± 3.371
+ V + P	3	3.681	1.244	± 3.090
Log _e Density (gene copies ml ⁻¹)				
Monoculture	3	1.509	0.161	± 0.400
+ <i>Vibrio</i> (V)	3	2.056	0.057	± 0.142
+ <i>Pseudoalteromonas</i> (P)	3	1.723	0.169	± 0.420
+ R + V	3	2.242	0.464	± 1.153
+ R + P	3	1.872	0.429	± 1.066
+ V + P	3	1.901	0.187	± 0.465
Lag Time (h)				
Monoculture	3	0.251	0.037	± 0.092
+ <i>Vibrio</i> (V)	3	1.411	1.127	± 2.790
+ <i>Pseudoalteromonas</i> (P)	3	0.876	1.034	± 2.568
+ R + V	3	3.120	2.051	± 5.095
+ R + P	3	2.130	2.041	± 5.070
+ V + P	3	1.335	0.893	± 2.218

Vibrio

Log _e Growth Rate (gene copies h ⁻¹)				
Monoculture	3	7.783	2.392	± 5.942
+ <i>Bacillus</i> (B)	3	5.311	0.086	± 0.214
+ <i>Roseivivax</i> (R)	3	5.845	0.596	± 1.480
+ B + R	3	5.820	0.983	± 2.441
+ B + P	3	4.942	0.551	± 1.368
+ R + P	3	5.321	0.462	± 1.148
Log _e Density (gene copies ml ⁻¹)				
Monoculture	3	2.493	0.242	± 0.601
+ <i>Bacillus</i> (B)	3	3.031	0.270	± 0.671
+ <i>Roseivivax</i> (R)	3	2.802	0.706	± 1.754
+ B + R	3	2.411	0.381	± 0.946
+ B + P	3	2.340	0.194	± 0.482
+ R + P	3	2.499	0.243	± 0.604
Lag Time (h)				
Monoculture	3	5.317	2.015	± 5.005
+ <i>Bacillus</i> (B)	3	2.695	0.700	± 1.738
+ <i>Roseivivax</i> (R)	3	4.353	0.274	± 0.681
+ B + R	3	2.968	1.846	± 4.585

+ B + P	3	2.708	1.981	± 4.921
+ R + P	3	2.148	1.735	± 4.309

Pseudoalteromonas

Log_e Growth Rate (gene copies h⁻¹)

Monoculture	3	9.603	1.175	± 2.919
+ <i>Bacillus</i> (B)	3	10.975	0.872	± 2.166
+ <i>Roseivivax</i> (R)	3	10.717	2.600	± 6.458
+ B + R	3	7.462	0.596	± 1.481
+ B + V	3	8.965	0.806	± 2.002
+ R + V	3	9.992	0.684	± 1.700

Log_e Density (gene copies ml⁻¹)

Monoculture	3	2.517	0.160	± 0.397
+ <i>Bacillus</i> (B)	3	2.463	0.279	± 0.693
+ <i>Roseivivax</i> (R)	3	2.479	0.042	± 0.104
+ B + R	3	2.240	0.363	± 0.902
+ B + V	3	1.572	0.349	± 0.867
+ R + V	3	1.556	0.280	± 0.696

Lag Time (h)

Monoculture	3	7.793	1.818	± 4.516
+ <i>Bacillus</i> (B)	3	3.959	3.036	± 7.541
+ <i>Roseivivax</i> (R)	3	5.947	1.752	± 4.352
+ B + R	3	4.873	2.000	± 4.968
+ B + V	3	5.135	2.193	± 5.447
+ R + V	3	6.487	1.321	± 3.281