

Table S3. Dissolved oxygen (DO) levels (mg/L) in the R2A-NA culture medium during the growth of soil strains PS2-9, PS3-12, and PS3-36 incubated under aerobic conditions at 28°C on an orbital shaker set to 100 rpm

Incubation time (h)	PS2-9		PS3-12		PS3-36	
	OD ₆₀₀	DO	OD ₆₀₀	DO	OD ₆₀₀	DO
0	0.06 ±	8.45 ±	0.05 ±	8.45 ±	0.05 ±	8.45 ±
	0.02	0.13	0.01	0.13	0.00	0.13
10	0.12 ±	4.78 ±	0.21 ±	4.22 ±	0.22 ±	4.02 ±
	0.08	1.33	0.13	2.01	0.18	1.87
20	1.07 ±	1.89 ±	1.14 ±	2.96 ±	1.09 ±	2.54 ±
	0.03	0.62	0.06	0.64	0.10	0.42
25	1.11 ±	2.32 ±	1.11 ±	2.51 ±	1.03 ±	2.97 ±
	0.03	0.42	0.01	0.72	0.08	0.28