Genus heatmap –
selection of MnOB from BODAC biofilm inocula with MnCO3 as energy source

Genera with abundance >1% in at least one sample

	September			January			Trend
	IB	B1	B2	IB	B1	B2	
Genus of Comamonadaceae	2	8	9	2	9	7	increasing
Pseudomonas		2	2		8	8	increasing
Hyphomicrobium	2	4	5	1	5	6	increasing
A0839		3	2	1	4	4	increasing
Nevskia					4		increasing
Ellin6067		4	3		4	4	increasing
Pir4_lineage	1	3	2	1	3	3	increasing
Amb−16S−1323		2	1		2	2	increasing
Genus of Pirellulaceae		1	1		2	2	increasing
Genus of Xanthobacteraceae		1			2	2	increasing
Rhodococcus		3	4		1	2	increasing
Pseudolabrys					1	1	increasing
Genus of Rhizobiales_Incertae_Sedis			1		1	1	increasing
Rhizobacter		2	4			2	increasing
Candidatus_Adlerbacteria							increasing
Rhodobacter							increasing
Vicinamibacteraceae							increasing
Afipia		1					increasing
MND1						1	increasing
Gemmata		1					increasing
Hydrogenophaga		4	5				increasing
Hoeflea			1				increasing
Amphiplicatus							increasing
Terrimonas	5	2	3	11	10	5	decreasing
Stenotrophobacter	3	2	2	3	2	1	decreasing
Nitrospira	5	3	2	6	2	1	decreasing
Ferruginibacter	2			7			decreasing
Bryobacter							decreasing
Sphingopyxis	3			1			decreasing
Pirellula				1			decreasing
Reyranella	2	1		1			decreasing
Nitrosomonas	3			5			decreasing
Sphingorhabdus				1			decreasing
Genus of Sphingomonadaceae	1	1		1			decreasing
Novosphingobium	1						decreasing
SH−PL14	1						decreasing
Genus of Saprospiraceae	8			3			decreasing
Genus of Chitinophagaceae	1			2			decreasing
Genus of Rubinisphaeraceae				1			decreasing
Flavobacterium	5			5			decreasing
Phenylobacterium	1						decreasing
Fimbriimonadaceae	1						decreasing
NS9_marine_group				1			decreasing
Genus of Sphingobacteriaceae	1						decreasing
Genus of Vicinamibacterales	2	2	2	2	2	2	stable
Genus of Gemmataceae	2	2	2	1	2	2	stable
Pedomicrobium	1		1		1	2	stable
SWB02		2	1	1	1	1	stable
Genus of Planctomycetales	2	2	2	2			stable
Genus of Blastocatellaceae	2		1				stable
Pseudorhodoplanes							stable
Luteimonas				1			stable
Planctopirus	1	1					stable
Mycobacterium							stable
Hirschia				1			stable
Bacillus			1				stable
Brevibacillus							stable
Genus of Microscillaceae		2		1			stable
env.OPS_17				1			stable
Arenimonas							stable
Genus of Oxalobacteraceae	1	2	1				stable
Undibacterium							stable
Candidatus_Accumulibacter		1					stable
Sediminibacterium	2						stable
Chryseobacterium	1						stable

Relative Abundance (%)

9
6
3
0