

OTU	Taxonomy			Groundwater microcosms		Soil microcosms	
	Phylum	Class	Highest level	(hemi) cellulose	starch	(hemi) cellulose	starch
Otu00204	Acidobacteria	-	Paludibaculum		***		
Otu00109	Acidobacteria	-	Subgroup 2			***	***
Otu00130	Acidobacteria	-	Subgroup 2				***
Otu00172	Acidobacteria	-	Subgroup 2				***
Otu00239	Actinobacteria	-	Mycobacterium			**	
Otu00112	Actinobacteria	-	Cellulomonas		**		
Otu00018	Actinobacteria	-	Microbacterium		***		
Otu00007	Actinobacteria	-	Propioniceella	**	***		
Otu00088	Actinobacteria	-	Propioniceella		***		
Otu00001	Bacteroidetes	Bacteroidia	Paludibacter	***			
Otu00057	Bacteroidetes	Cytophagia	Emticia		***		
Otu00024	Bacteroidetes	Cytophagia	Leadbetterella		***		
Otu00056	Bacteroidetes	Flavobacteriia	Flavobacterium		*		
Otu00327	Bacteroidetes	Flavobacteriia	Flavobacterium		*		
Otu00011	Bacteroidetes	Flavobacteriia	Flavobacterium	*			
Otu00019	Bacteroidetes	Sphingobacteriia	Sediminibacterium			***	
Otu00220	Bacteroidetes	Sphingobacteriia	Chitinophagaceae				*
Otu00066	Bacteroidetes	Sphingobacteriia	env.OPS 17				***
Otu00229	Bacteroidetes	Sphingobacteriia	NS11-12 marine group		**		
Otu00026	Bacteroidetes	Sphingobacteriia	Mucilaginibacter				***
Otu00068	Bacteroidetes	Sphingobacteriia	Mucilaginibacter				***
Otu00063	Bacteroidetes	Sphingobacteriia	Mucilaginibacter			***	
Otu00031	Bacteroidetes	Sphingobacteriia	Mucilaginibacter			*	
Otu00110	Bacteroidetes	Sphingobacteriia	Pedobacter	*			
Otu00864	Bacteroidetes	Sphingobacteriia	Sphingobacteriales		*		
Otu00107	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	*			
Otu00044	Bacteroidetes	Sphingobacteriia	Sphingobacteriales			***	***
Otu00203	Bacteroidetes	Sphingobacteriia	Sphingobacteriales			***	
Otu00386	Bacteroidetes	-	WCHB1-32		***		
Otu00081	Chlamydiae	-	cvE6		*		
Otu00228	Chlamydiae	-	Simkaniaceae				***
Otu00016	Firmicutes	Clostridia	Clostridiaceae			***	***
Otu00023	Firmicutes	Clostridia	Clostridiaceae			***	***
Otu00075	Firmicutes	Clostridia	Clostridiaceae				***
Otu00086	Firmicutes	Clostridia	Clostridiaceae				***
Otu00197	Firmicutes	Clostridia	Clostridiaceae				**
Otu00010	Firmicutes	Clostridia	Clostridiaceae				***
Otu00159	Firmicutes	Clostridia	Clostridiaceae				***
Otu00097	Firmicutes	Clostridia	Clostridium				***
Otu00076	Firmicutes	Clostridia	Clostridium			***	
Otu00002	Firmicutes	Clostridia	Clostridium			***	***
Otu00036	Firmicutes	Clostridia	Fonticella			***	
Otu00045	Firmicutes	Clostridia	Fonticella			***	
Otu00083	Firmicutes	Clostridia	Clostridiales vadinBB60 group			***	
Otu00236	Firmicutes	Clostridia	Ruminiclostridium			**	
Otu00366	Firmicutes	Clostridia	Ruminiclostridium			*	
Otu00186	Firmicutes	Clostridia	Ruminiclostridium			***	
Otu00282	Firmicutes	Clostridia	Ruminococcaceae			***	
Otu00275	Firmicutes	Clostridia	Ruminococcaceae			*	
Otu00426	Firmicutes	Clostridia	Ruminococcaceae			*	
Otu00072	Firmicutes	Clostridia	ODP1230B8.23			***	*
Otu00073	Firmicutes	Clostridia	ODP1230B8.23			***	***
Otu00125	Firmicutes	Negativicutes	Veillonellaceae	*			
Otu00136	Firmicutes	Clostridia	Clostridia			*	*
Otu00027	Parcubacteria	-	Parcubacteria	***			
Otu00139	Planctomycetes	Planctomycetacia	Isosphaera			***	
Otu00141	Planctomycetes	Planctomycetacia	Planctomyces			***	
Otu00042	Proteobacteria	Alphaproteobacteria	Caulobacter		***		
Otu00060	Proteobacteria	Alphaproteobacteria	Bradyrhizobiaceae				***
Otu00334	Proteobacteria	Alphaproteobacteria	Ancalomicrobium		***		
Otu00051	Proteobacteria	Alphaproteobacteria	Pleomorphomonas		***		
Otu00251	Proteobacteria	Alphaproteobacteria	Roseiarcus			***	
Otu00062	Proteobacteria	Alphaproteobacteria	Variibacter			***	*
Otu00093	Proteobacteria	Alphaproteobacteria	DA111			***	
Otu01177	Proteobacteria	Gammaproteobacteria	CHAB-XI-27		***		
Otu00013	Saccharibacteria	-	Saccharibacteria	***	***		
Otu00005	Saccharibacteria	-	Saccharibacteria		**		
Otu00205	Saccharibacteria	-	Saccharibacteria	***			
Otu00318	Verrucomicrobia	Opitutae	Opitutus		***		
Otu00038	Verrucomicrobia	Spartobacteria	Terrimicrobium		***		
Otu00176	Verrucomicrobia	Spartobacteria	DA101 soil group			*	