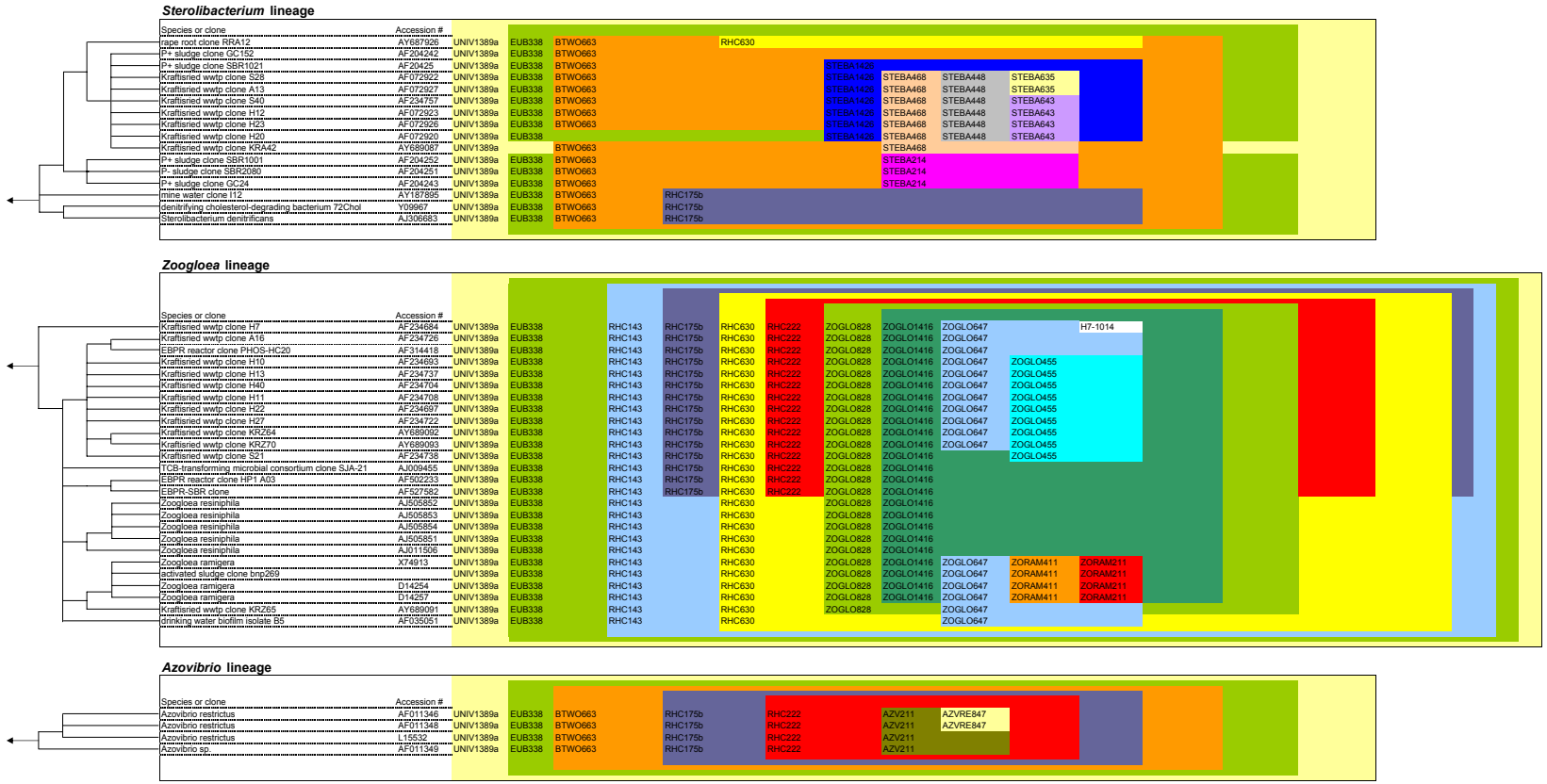
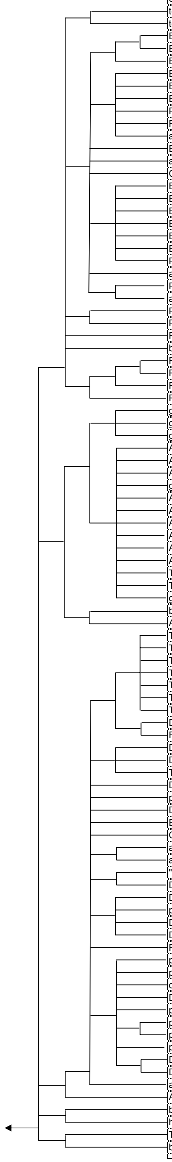
Supplementary web Figure 2. Schematic phylogenetic trees of the nine *"Rhodocyclales"* lineages illustrating the hierarchical and parallel specificities (perfectly matching target organisms) of RHC-PhyloChip probes (colored boxes). N.S. organism not sequenced at the probe target site.



***Azoarcus-Thauera-Denitromonas* lineage**

Species or clone	Accession #																			
Azoarcus sp. T3	Y11041	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459		AZA645	AZA483	AZA1252							
Azoarcus sp. M3	Y11040	UNIV1389a	EUB338					RHC222	ATD1459	AZA1006	AZA645	AZA483	AZA1252							
Azoarcus sp. CIB	AF515816	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459	AZA1006	AZA645	AZA483	AZA1252							
Azoarcus sp. CC-11	AB033745	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459	AZA1006	AZA645	AZA483	AZA1252							
Azoarcus toluvorans	L33689	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459	AZA1006	AZA645	AZA483	AZA1252							
Azoarcus tolulyticus	L33688	UNIV1389a	EUB338	BTWO663					ATD1459	AZA1006	AZA645	AZA483	AZA1252							
Azoarcus sp. T	AF129465	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459	AZA1006	AZA645	AZA483	AZA1252							
Azoarcus toluvorans	L33692	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459	AZA1006	AZA645	AZA483	AZA1252							
Azoarcus sp.	U44853	UNIV1389a	EUB338	BTWO663				RHC222		AZA1006	AZA645	AZA483	AZA1252	AZA444						
Azoarcus evansii	X77679	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459	AZA1006	AZA645	AZA483	AZA1252	AZA444						
Azoarcus sp. TdN1	X83534	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459	AZA1006		AZA483	AZA1252	AZA444						
Azoarcus tolulyticus	L33690	UNIV1389a		BTWO663				RHC222	ATD1459	AZA1006	AZA645	AZA483	AZA1252	AZA444						
Azoarcus tolulyticus	L33693	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459	AZA1006	AZA645	AZA483		AZA444						
TCE-contaminated site clone	AY133068	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459	AZA1006	AZA645	AZA483								
TCE-contaminated site clone	AY133073	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459	AZA1006	AZA645	AZA483	AZA1252							
Azoarcus sp. HA	AF482683	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459	AZA1006	AZA645	AZA483	AZA1252							
Azoarcus tolulyticus	AF229851	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459	AZA1006	AZA645	AZA483	AZA1252	AZTOLY452						
Azoarcus tolulyticus	AF229876	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459	AZA1006	AZA645	AZA483	AZA1252	AZTOLY452						
Azoarcus tolulyticus	L33694	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459	AZA1006	AZA645	AZA483	AZA1252	AZTOLY452						
Azoarcus tolulyticus	L33687	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459	AZA1006	AZA645	AZA483	AZA1252	AZTOLY452						
Azoarcus tolulyticus	L33691	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459	AZA1006		AZA483	AZA1252	AZTOLY452						
Azoarcus tolulyticus strain BL11	AF123075	UNIV1389a	EUB338					RHC222	ATD1459	AZA1006		AZA483		AZTOLY452						
Azoarcus tolulyticus	AF229861	UNIV1389a	EUB338					RHC222		AZA1006	AZA645	AZA483	AZA1252	AZTOLY452						
Azoarcus toluclasticus	AF123076	UNIV1389a	EUB338					RHC222	ATD1459	AZA1006	AZA645	AZA483	AZA1252							
Azoarcus toluclasticus	AF123077	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459	AZA1006		AZA483	AZA1252							
Azoarcus sp. FL05	AF011330	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459	AZA1006	AZA645	AZA483	AZA1252							
Azoarcus sp. 22LIN	Y13222	UNIV1389a	EUB338	BTWO663					ATD1459	AZA1006	AZA645	AZA483	AZANBU228							
Azoarcus anaerobius	Y14701	UNIV1389a	EUB338	BTWO663					ATD1459		AZA645	AZA483	AZANBU228	AZAN465	AZAN130					
Azoarcus sp. PbN1	X83532	UNIV1389a	EUB338	BTWO663					ATD1459		AZA645	AZA483	AZANBU228	AZA463	AZA835					
Azoarcus sp. HxN1	AF331975	UNIV1389a	EUB338	BTWO663					ATD1459		AZA645	AZA483	AZANBU228	AZA463						
"Azoarcus buckelii"	AJ315676	UNIV1389a	EUB338	BTWO663					ATD1459		AZA645	AZA483	AZANBU228							
Betaproteobacterium pCyN1	Y17284	UNIV1389a	EUB338	BTWO663					ATD1459			AZA483	AZANBU228	AZA234						
Azoarcus sp. EbN1	X83531	UNIV1389a	EUB338	BTWO663					ATD1459			AZA483	AZANBU228	AZA234						
acetate-enrichment clone	AF395431	UNIV1389a	EUB338	BTWO663						AZA1006		AZA483	AZANBU228	AZA844	AZA452					
Azoarcus sp. CR23	AF011328	UNIV1389a	EUB338	BTWO663						AZA1006		AZA483	AZANBU228	AZA844	AZA452					
Azoarcus sp. PH002	AF011329	UNIV1389a	EUB338	BTWO663						AZA1006		AZA483	AZANBU228	AZA844	AZA452					
Kraftisried wwtp clone H30	AF072924	UNIV1389a	EUB338	BTWO663	RHC143				ATD1459	AZA1006		ATDe132	ATDe442	ATDe830	ATDe467					
Kraftisried wwtp clone S23	AF072921	UNIV1389a	EUB338	BTWO663	RHC143				ATD1459	AZA1006		ATDe132	ATDe442	ATDe830	ATDe467					
Kraftisried wwtp clone A33	AF072925	UNIV1389a	EUB338	BTWO663	RHC143				ATD1459	AZA1006		ATDe132	ATDe442	ATDe830	ATDe467	A33-587				
Kraftisried wwtp clone S3	AF072918	UNIV1389a	EUB338	BTWO663	RHC143				ATD1459	AZA1006		ATDe132	ATDe442	ATDe830	ATDe467	S3-486				
Kraftisried wwtp clone H35	AF234732	UNIV1389a	EUB338	BTWO663	RHC143				ATD1459	AZA1006		ATDe132	ATDe442	ATDe830	ATDe467					
Kraftisried wwtp clone H25	AF072919	UNIV1389a	EUB338	BTWO663	RHC143				ATD1459	AZA1006		ATDe132	ATDe442	ATDe830	ATDe467					
Kraftisried wwtp clone S10	AF234762	UNIV1389a	EUB338	BTWO663	RHC143				ATD1459	AZA1006	ZOGLO647	ATDe132	ATDe442	ATDe830	ATDe467					
Ikaite tufa column clone	AJ431352	N.S.	EUB338	BTWO663						AZA1006	AZA645		AZANBU228							
hot spring microbial mat isolate OS-sc-16	U46748	UNIV1389a	EUB338	BTWO663					ATD1459											
Denitromonas aromaticus	AB049763	UNIV1389a	EUB338	BTWO663					ATD1459		AZA645		AZANBU228	DENAR845	DENAR453	DENAR176				
Azoarcus sp. LU1	AJ007007	UNIV1389a	EUB338	BTWO663							AZA645									
Azoarcus communis	AF011343	N.S.	EUB338	BTWO663				RHC222								AZCOM447				
betaproteobacterial clone	AY098637	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459											
P+ sludge clone SBR1011	AF204253	UNIV1389a	EUB338	BTWO663			RHC630	RHC222	ATD1459	THAU832		THAU443								
soil clone AX39	X64373	N.S.	EUB338	BTWO663	RHC143	RHC175b	RHC630	RHC222		THAU832		THAU443			THAU580					
Thauera selenatis	X68491	N.S.	EUB338	BTWO663	RHC143	RHC175b	RHC630	RHC222		THAU832		THAU443			THAU580					
Thauera selenatis	Y17591	UNIV1389a	EUB338	BTWO663	RHC143	RHC175b	RHC630	RHC222	ATD1459	THAU832		THAU443								
P+ sludge clone SBR1022	AF204254	UNIV1389a	EUB338	BTWO663	RHC143	RHC175b		RHC222	ATD1459	THAU832		THAU443								
"Thauera phenylacetica"	AJ315678	UNIV1389a	EUB338	BTWO663	RHC143		RHC630	RHC222	ATD1459	THAU832		THAU443								
Thauera sp. DNT-1	AB066262	UNIV1389a	EUB338	BTWO663	RHC143		RHC630	RHC222	ATD1459	THAU832										
Thauera sp. mz1t	AF110005	UNIV1389a		BTWO663	RHC143		RHC630	RHC222	ATD1459	THAU832										
"Thauera aminoaromatica"	AJ315677	UNIV1389a	EUB338	BTWO663	RHC143		RHC630	RHC222	ATD1459	THAU832										
Thauera aromatica	AF229862	UNIV1389a	EUB338	BTWO663		RHC175b	RHC630	RHC222		THAU832										
Thauera aromatica	AF229868	UNIV1389a	EUB338			RHC175b	RHC630	RHC222		THAU832										
Thauera aromatica	AF229867	UNIV1389a	EUB338			RHC175b	RHC630	RHC222		THAU832										
Thauera aromatica	AF229887	UNIV1389a	EUB338	BTWO663		RHC175b	RHC630	RHC222	ATD1459	THAU832										
Thauera chlorobenzoica	AF123264	UNIV1389a	EUB338	BTWO663		RHC175b	RHC630	RHC222	ATD1459	THAU832		THAU455								
TCB-transforming microbial consortium clone SJA-186	AJ009507	UNIV1389a	EUB338	BTWO663			RHC630		ATD1459	THAU832		THAU455			THAU468					
Thauera sp. PIV-1	AJ505850	UNIV1389a	EUB338	BTWO663			RHC630		ATD1459	THAU832		THAU455			THAU468					
Thauera mechernichensis	Y17590	UNIV1389a	EUB338	BTWO663		RHC175b	RHC630	RHC222	ATD1459	THAU832		THAU455								
Thauera aromatica	AJ315679	UNIV1389a	EUB338	BTWO663		RHC175b	RHC630	RHC222	ATD1459	THAU832										
Thauera aromatica	AJ315680	UNIV1389a	EUB338	BTWO663		RHC175b	RHC630	RHC222	ATD1459	THAU832										
Azoarcus sp. mXyN1	X83533	UNIV1389a	EUB338	BTWO663		RHC175b	RHC630	RHC222	ATD1459	THAU832										
Thauera sp. T1	U95176	UNIV1389a		BTWO663		RHC175b	RHC630	RHC222	ATD1459	THAU832										
Thauera aromatica	AJ315681	UNIV1389a	EUB338	BTWO663		RHC175b	RHC630	RHC222	ATD1459	THAU832										
Thauera aromatica	X77118	UNIV1389a	EUB338	BTWO663		RHC175b	RHC630	RHC222	ATD1459	THAU832										
Thauera aromatica	AF229861	UNIV1389a	EUB338	BTWO663		RHC175b	RHC630	RHC222	ATD1459	THAU832										
"Pseudomonas butanovora"	AB021377	UNIV1389a	EUB338	BTWO663		RHC175b		RHC222	ATD1459	THAU832										
Thauera linaloolentis	AJ005816	UNIV1389a	EUB338	BTWO663		RHC175b		RHC222	ATD1459	THAU832										
Betaproteobacterium pCyN2	Y17285	UNIV1389a	EUB338	BTWO663			RHC630		ATD1459	THAU832		THATE461								
Thauera terpenica	AJ005818	UNIV1389a	EUB338	BTWO663			RHC630		ATD1459	THAU832		THATE461								
Thauera terpenica	AJ005817	UNIV1389a	EUB338	BTWO663			RHC630		ATD1459	THAU832		THATE461								
Azoarcus sp. BH72	AF011344	UNIV1389a	EUB338	BTWO663				RHC222	ATD1459				AZIND1023		AZIND433	AZIND449				
Azoarcus indigens	AF011345	UNIV1389a	EUB338	BTWO663		RHC175b		RHC222	ATD1459				AZIND1023		AZIND433	AZIND455				

***Rhodocyclus-Propionivibrio-Accumulibacter* lineage/ *Azospira* lineage/ *Dechloromonas-Ferribacterium-Quadricoccus-Azonexus* lineage/ anaerobic consortium clone SJA-109 lineage/ oral strain A08KA lineage**



Species or clone	Accession #												
termite gut clone	AB062831	UNIV1389a	EUB338		RHC143								
termite gut clone Rs-K54	AB089103	N.S.	EUB338		RHC143								
EBPR activated sludge clone SA34	AF245349	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a				ACCBA846			
EBPR reactor clone Ebpr16	AF255631	UNIV1389a	EUB338		RHC143	RHC175a			RHAC855	ACCBA846			
EBPR reactor clone Ebpr15	AF255641	UNIV1389a	EUB338		RHC143			RHC439	RHAC855	ACCBA846		ACCBA443	ACCBA455
EBPR reactor clone HP1 A13	AF502224	UNIV1389a	EUB338	BTWO663		RHC175a		RHC439	RHAC855	ACCBA846		ACCBA443	ACCBA455
EBPR reactor clone HP1 B54	AF502232	UNIV1389a	EUB338	BTWO663		RHC175a		RHC439	RHAC855	ACCBA846	ACCBA651	ACCBA443	ACCBA455
EBPR reactor clone HP1 B23	AF502225	UNIV1389a	EUB338	BTWO663		RHC175a		RHC439	RHAC855	ACCBA846	ACCBA651	ACCBA443	ACCBA455
P+++ sludge clone SBRA220	AF204244	UNIV1389a	EUB338	BTWO663		RHC175a		RHC439	RHAC855	ACCBA846	ACCBA651	ACCBA443	ACCBA455
P+++ sludge clone SBRA245A	AF204245	N.S.	EUB338	BTWO663		RHC175a		RHC439	RHAC855	ACCBA846	ACCBA651	ACCBA443	ACCBA455
activated sludge clone UCT N173	AY064179	UNIV1389a	EUB338	BTWO663		RHC175a		RHC439	RHAC855		ACCBA651	ACCBA443	ACCBA455
EBPR reactor clone PHOS-HC05	AF314417	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a		RHC439			ACCBA651	ACCBA443	ACCBA455
activated sludge clone UCT N161	AY064178	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a			RHAC855		ACCBA651	ACCBA443	ACCBA455
Candidatus "Accumulibacter phosphatis"	AJ224937	UNIV1389a	EUB338	BTWO663		RHC175a		RHC439	RHAC855	ACCBA846	ACCBA651	ACCBA443	ACCBA455
EBPR reactor clone HP1 A50	AF502226	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a		RHC439	RHAC855	ACCBA846	ACCBA651		
EBPR reactor clone HP1 B75	AF502227	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a		RHC439	RHAC855	ACCBA846	ACCBA651		
EBPR reactor clone HP1 A21	AF502228	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a		RHC439	RHAC855	ACCBA846	ACCBA651		
EBPR reactor clone HP1 A49	AF502229	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a		RHC439	RHAC855	ACCBA846	ACCBA651		
EBPR reactor clone HP1 A26	AF502231	N.S.	EUB338			RHC175a		RHC439	RHAC855	ACCBA846	ACCBA651		
EBPR reactor clone HP1 A31	AF502230	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a		RHC439	RHAC855	ACCBA846	ACCBA651		
P+++ sludge clone SBRB34	AF204247	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a			RHAC855	ACCBA846	ACCBA651		
activated sludge clone UCT N112	AY064176	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a			RHAC855	ACCBA846	ACCBA651		
P++ sludge clone SBRP112	AF204248	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a			RHAC855	ACCBA846	ACCBA651		
activated sludge clone UCT N032	AY062125	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a			RHAC855	ACCBA846	ACCBA651		
Propionivibrio pelophilus	AF016690	UNIV1389a	EUB338		RHC143	RHC175a							
Propionivibrio dicarboxylicus	Y17601	UNIV1389a	EUB338		RHC143	RHC175a							
Propionivibrio limicola	AJ307983	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a							
benzene-contaminated groundwater clone ZZ15C5	AY214205	UNIV1389a	EUB338	BTWO663		RHC175a		RHC439	RHAC855				
Rhodocyclus tenuis	D16208	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a	RHC630	RHC439	RHAC855	RHO828	RHO842	RHOTE1280	
Rhodocyclus tenuis	D16210	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a	RHC630	RHC439	RHAC855	RHO828	RHO842	RHOTE1280	
Rhodocyclus purpureus	M34132	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a	RHC630	RHC439	RHAC855	RHO828	RHO842		
Rhodocyclus tenuis	D16209	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a	RHC630	RHC439	RHAC855	RHO828	RHO842		
groundwater clone S15A-MN28	AJ534661	UNIV1389a	EUB338		RHC143	RHC175a		RHC439		AZP456			
groundwater clone S15A-MN93	AJ534665	UNIV1389a	EUB338		RHC143	RHC175a		RHC439	AZP471	AZP456			
groundwater clone S15A-MN2	AJ534664	UNIV1389a	EUB338		RHC143	RHC175a		RHC439	AZP471	AZP456	AZP737		
Azospira oryzae	AF011347	UNIV1389a	EUB338		RHC143	RHC175a		RHC439	AZP471	AZP456	AZP737		
Azospira sp.	AF011351	UNIV1389a	EUB338		RHC143	RHC175a		RHC439	AZP471	AZP456	AZP737		
Azospira (Dechlorosoma) sp. PDX	AF323490	UNIV1389a	EUB338		RHC143	RHC175a		RHC439	AZP471	AZP456	AZP737		
groundwater clone S15A-MN6	AJ534663	UNIV1389a	EUB338		RHC143	RHC175a		RHC439	AZP471	AZP456	AZP737		
Azospira (Dechlorosoma) sp. PCC	AY126453	UNIV1389a	EUB338		RHC143	RHC175a		RHC439	AZP471	AZP456	AZP737		
Azospira (Dechlorosoma) sp. Iso1	AF170350	UNIV1389a	EUB338		RHC143	RHC175a		RHC439	AZP471	AZP456	AZP737		
Azospira sp. (Dechlorosoma suillum)	AF170348	UNIV1389a	EUB338		RHC143	RHC175a		RHC439	AZP471	AZP456	AZP737		
Azospira (Dechlorosoma) sp. SDGM	AF170349	UNIV1389a	EUB338		RHC143	RHC175a		RHC439	AZP471	AZP456	AZP737		
Azospira (Dechlorosoma) sp. KJ	AF323491	UNIV1389a	EUB338		RHC143	RHC175a		RHC439	AZP471	AZP456	AZP737		
Azospira (Dechlorosoma) sp. Iso2	AF170351	UNIV1389a	EUB338		RHC143	RHC175a		RHC439	AZP471		AZP737		
TCE-contaminated site clone	AY133096	UNIV1389a	EUB338		RHC143	RHC175a			AZP471	AZP456	AZP737		
TCB-transforming microbial consortium clone SJA-52	AJ009466	UNIV1389a	EUB338		RHC143	RHC175a			AZP471	AZP456	AZP737		
groundwater clone S15A-MN34	AJ534659	UNIV1389a	EUB338		RHC143	RHC175a		RHC439	AZP471	AZP456			
beta proteobacterium TW2	AF503539	UNIV1389a	EUB338	BTWO663	RHC143								
Azospira (Dechlorosoma) sp. AH	AY171616	UNIV1389a	EUB338	BTWO663	RHC143								
TCE-contaminated site clone ccs2105	AY133067	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a							
TCE-contaminated site clone	AY133076	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a							
TCE-contaminated site clone	AY133087	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a							
TCE-contaminated site clone	AY133075	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a							
TCE-contaminated site clone AC1	AF529359	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a							
TCE-contaminated site clone	AF529131	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a							
TCE-contaminated site clone	AY133066	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a							
Dechloromonas sp. RCB	AY032610	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a					DEMFE455		
Ferribacterium limneticum	Y17060	UNIV1389a	EUB338	BTWO663	RHC143					DAF1030	DEMFE455		
Dechloromonas sp. SIUL	AJ318917	UNIV1389a	EUB338	BTWO663	RHC143					DAF1030	DEMFE455		
Dechloromonas sp. SIUL	AF170356	UNIV1389a	EUB338	BTWO663	RHC143					DAF1030	DEMFE455		
TCE-contaminated site clone	AF529339	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a				DAF1030	DEMFE455		
Dechloromonas sp. JJ	AY032611	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a				DAF1030	DEMFE455		
polluted river biofilm clone Spb272	AJ422172	UNIV1389a	EUB338	BTWO663							DEMFE455		
Dechloromonas sp. MissR	AF170357	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a					DEMFE455		
EBPR reactor clone PHOS-HE23	AF314420	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a	RHC630				DEMFE455	QUACO135	
Quadricoccus australiensis	AY007722	UNIV1389b	EUB338	BTWO663	RHC143							QUACO135	
activated sludge clone UCT N141	AY062126	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a	RHC630						
activated sludge clone UCT N123	AY064177	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a	RHC630						
"Thiobacillus" Q sp. LMD 81.11	AJ289884	UNIV1389a											
Dechloromonas sp. LT-1	AY124797	UNIV1389a	EUB338	BTWO663									
Dechloromonas agitata	AF047462	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a						DCMAG455	
perchlorate-reducing bacterium EAB1	AY265877	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a						DCMAG455	
Dechloromonas sp. CL	AF170354	UNIV1389a	EUB338	BTWO663		RHC175a						DCMAG455	
Dechloromonas sp. NM	AF170355	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a						DCMAG455	
P+ sludge clone SBRH147	AF204246	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a					AZA645		
perchlorate-reducing bacterium PMC	AY265878	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a							
perchlorate-reducing bacterium EAB2	AY265879	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a				DAF1030			
drinking water biofim isolate B2	AF035048	UNIV1389a	EUB338	BTWO663	RHC143					DAF1030			
Dechloromonas sp. PC1	AY126452	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a				DAF1030			
perchlorate-reducing bacterium RC1	AY265876	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a				DAF1030			
perchlorate-reducing bacterium Rick74	AF444789	UNIV1389a	EUB338		RHC143	RHC175a				DAF1030			
perchlorate-reducing bacterium Elsa1	AF444790	UNIV1389a	EUB338		RHC143	RHC175a				DAF1030			
perchlorate-reducing bacterium MLC33	AF444791	UNIV1389a	EUB338	BTWO663		RHC175a				DAF1030			
Dechloromonas sp. JM	AF323489	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a				DAF1030			
Dechloromonas sp. HZ	AF479766	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a				DAF1030			
alkane-degrading denitrifying bacterium OcN1	AF331976	UNIV1389a	EUB338	BTWO663	RHC143	RHC175a				DAF1030			
Azonexus fungiphilus	AF011350	UNIV1389a	EUB338	BTWO663						DAF1030			
betaproteobacterial strain 51885	AF227840	UNIV1389a	EUB338	BTWO663	RHC143		RHC630				AZA645		A08KA458
human subgingival plaque strain A08KA	AY005031	UNIV1389a	EUB338	BTWO663	RHC143		RHC630				AZA645		A08KA458
TCB-transforming microbial consortium clone SJA-109	AJ009484	UNIV1389a	EUB338		RHC143								
betaproteobacterial clone KD2-110	AY188298	UNIV1389a	EUB338										