

Supplementary

S1: Hits for full length sequence blasting in megablast

Circular element	Hits	E-value	Query cover
RNODE_1224 (1,676 bp)	Transposase for IS481 element from <i>Pseudomonas fluorescens</i> F113	0.0	84%
RNODE_961 (3,425 bp)	Plasmid pSFKW33 form <i>Shewanella</i> sp. 33B	6e-133	12%
RNODE_1264 (6,343 bp)	<i>Escherichia coli</i> strain ECONIH4 plasmid pKPC-b33e	1e-172	14%
RNODE_1311 (7,919 bp)	<i>Polaromonas</i> sp. H8N plasmid pH8NP1	5e-19	1%
pWWmer (12,145 bp)	<i>Pseudomonas citronellolis</i> strain SJTE-3 (genome)	0.004	1%
pWWvir (12,273 bp)	<i>Pseudomonas</i> sp. strain ANT_H54B plasmid pA54BH1	1e-168	14%
Temperate phage e14 (15,204 bp)	<i>Escherichia coli</i> strain K-12 MG1655	0.0	100%
pWWtox (17,568 bp)	<i>Acidiphilium cryptum</i> JF-5 plasmid pACRY04	7e-167	14%
RNODE_1158 (21,098 bp)	<i>Sphingobium chlorophenolicum</i> L-1 plasmid pSPHCH01	0.0	24%
pWWcol (23,316 bp)	<i>Bacillus cereus</i> strain AR156 (genome)	5e-31	1%