Table S1. Transcripts detected by de novo assembly RNA-Seq data

Table S1. Transcripts detected by <i>de novo</i> assembly RNA-Seq data							
ID	Non- redundant	Description	Organism	Non- redundant length	Fraction of nr covered by alignment	Alignment % identity	
8	319794846	hypothetical protein Varpa_4205	Variovorax paradoxus EPS Methylocystis sp. ATCC	90	0.89	63	1.00E-23
48	323139488	SEC-C motif domain protein	49242 Methylocystis sp. ATCC	169	0.20	55	0.0004
48	323139488	SEC-C motif domain protein hypothetical protein	49242	169	0.41	63	4.00E-18
90	307110660	CHLNCDRAFT_50435 hypothetical protein	Chlorella variabilis	1535	0.05	24	4.5
90	307110660	71 1	Chlorella variabilis Caenorhabditis briggsae	1535	0.05	24	4.6
120	309365749	hypothetical protein CBG_01089	AF16 Stigmatella aurantiaca	812	0.12	32	0.7
121	310821854	hypothetical protein STAUR_4605	DW4/3-1 Phenylobacterium	728	0.08	38	3.5
125	197103309	hypothetical protein PHZ p0169	zucineum HLK1	223	0.55	60	8.00E-34
142	78213547	glycosyltransferase	Synechococcus sp. CC9605	1003	0.31	31	5.00E-14
142	325116388	tRNA uridine 5- carboxymethylaminomethyl modification enzyme GidA, related hypothetical protein	Methylocystis sp. ATCC	819		31	0.088
171	323136696	Met49242DRAFT_1164	49242	92			6.00E-06
266 300	338532669 323136327	chloride channel	Myxococcus fulvus HW-1 Methylocystis sp. ATCC 49242	628 284		60	3.00E-138 3.00E-38
300	323130327	1 atatiii	Sinorhizobium fredii	204	0.44	00	3.00L-36
303	227819692	transposase Y4ZB hypothetical protein	NGR234 Aureococcus	493	0.35	42	8.00E-24
308	323449050	AURANDRAFT_66784	anophagefferens Citromicrobium sp.	1445	0.48	25	3.00E-33
314	341615616	two-component response regulator	JLT1363	257	0.15	59	0.32
339	149918868	site-specific recombinase, phage integrase family protein	Plesiocystis pacifica SIR-1	120	0.53	36	7.9
360	46153	endo-glucanase	Ruminococcus flavefaciens	680	0.09	38	4.6
370	167901659	hypothetical protein BpseN_05228	Burkholderia pseudomallei NCTC 13177	474	0.32	29	4.9
381	203288753	BdrQ-like protein	Borrelia duttonii Ly	239	0.67	30	4.00E-05
401	323457221	hypothetical protein AURANDRAFT_70536	Aureococcus anophagefferens	1999	0.06	33	2.1
431	221486147	conserved hypothetical protein	Toxoplasma gondii GT1	702	0.16	30	5.9
469	16519794	transposase number 3 of uncharacterized insertion sequence 2-oxoglutarate dehydrogenase, E2	Sinorhizobium fredii NGR234	511	0.31	62	7.00E-51
518	323135994	subunit, dihydrolipoamide succinyltransferase	Methylocystis sp. ATCC 49242	410	0.10	68	0.0002