

Table S1. Accession numbers for genes onto which the transcription data were mapped

Hydrogenase	Predicted gene product	Direction	Contig #	Location on contig	protein accession #	
1e	HypD hydrogenase expression/ formation protein	r	NZ_AFOC01000025.1	17,632..18,728	WP_006475468.1	
	HypB hydrognease nickel incorporation protein	r	NZ_AFOC01000025.1	18,785..19,602	WP_006475469.1	
	HypA/F hydrogenase expression/formation protein	r	NZ_AFOC01000025.1	19,678..20,034	WP_005960734.1	
	HypC hydrogenase expression/formation protein	r	NZ_AFOC01000025.1	20,027..20,263	WP_005960735.1	
	hydrogenase maturation protease	f	NZ_AFOC01000025.1	20,346..20,861	WP_005960736.1	
	HyaF hydrogenase -1 operon protein	f	NZ_AFOC01000025.1	20,948..21,388	WP_005960737.1	
	[NiFe]hydrogenase small subunit	f	NZ_AFOC01000025.1	21,405..22,496	WP_006475471.1	
	cytochrome b isp1 protein	f	NZ_AFOC01000025.1	22,493..23,155	WP_005960739.1	
	FeS isp2 protein	f	NZ_AFOC01000025.1	23,152..24,417	WP_006475472.1	
	group 1e [NiFe] hydrogenase large subunit	f	NZ_AFOC01000025.1	24,473..26,194	WP_039959813.1	
	3b	4Fe-FS dicluster domain-containing protein	f	NZ_AFOC01000106.1	7,748..8,886	none
		NAD(P)H-Flavin reductase (diaphorase?)	f	NZ_AFOC01000106.1	6,922..7,755	WP_006475507.1
		[NiFe] hydrogenase small subunit	f	NZ_AFOC01000106.1	6,125..6,922	WP_039960563.1
group 3b [NiFe] hydrogenase large subunit		f	NZ_AFOC01000106.1	4,822..6,119	none	
hydrogenase maturation protease		f	NZ_AFOC01000106.1	4,391..4,822	WP_005965887.1	
serine/threonine protein kinase		f	NZ_AFOC01000106.1	3,284..4,231	WP_005965885.1	