

NCBI Genome ID NC011761	Gene (locus)	Forward primer (5'-3')	Reverse primer (5'-3')	Amplicon size
<i>rus</i> operon				
AFE 3151	<i>cup</i>	ATTGCGCATCAGTTCTCCAT	GGCACCACAAAAGTGAAGGT	200
AFE 3146	<i>rus</i>	GATGGCCGGTACTCTGGATA	ATCTCCAAGGTTCGGTTCTT	204
Cytochrome <i>c</i> oxidase complex biogenesis operon				
AFE 3141	<i>ctaR</i>	TATGCCCTGCGGAGTCTAAT	TATTTAGGGACTCGGCACCA	202
Sensor/regulator two component signal transduction system				
AFE 3137	<i>regA</i>	CGATTGAGGCCATAAAGCTC	CAGCCGATATGTTGCCATTA	195
<i>petI</i> operon				
AFE 3108	<i>sdrA1</i>	GTTTGGGTGCTGAAGTAGTG	GCAACAGTGGCAAACAGGC	318
AFE 3109	<i>petA1</i>	CCATTGAACCAGGTATGCAG	ATCCCCGACATACCATTTCAGG	202
AFE 3110	<i>petB1</i>	TTCCTTATTATTCTCGCAGCC	AAACCCCGCAACAATAAGC	472
AFE 3111	<i>petC1</i>	GCCTCCTCCAAACTTGAGTC	TTCCGGGAAAATTACTTGC	197
Sulfide-quinone reductase				
AFE 1792	<i>sqr</i>	AGACCGGTTATATGATCGAA	ATCATCTTGAACAGCACCTT	298
Thiosulfate-quinone oxidoreductase complex operon				
AFE 0043	<i>(doxD11)</i>	ATAGACAATCCGCAACTCAC	ATGATGGTCAGATCATTGGT	302
AFE 0045	<i>(doxD11)</i>	ATCAGAAACCCTTTCCCTAC	GTCGGACACATGAGGATAAC	298
AFE 0049	<i>(doxD11)</i>	CAAAGGTCTGGATTTACCA	ACCGTGCTGAACGTAATAGT	310
Cytochrome <i>bd</i> ubiquinol oxidase				
AFE 0955	<i>cydA</i>	AAGTTTGTGCATACCTCCAT	AGATTCTTCTGTTCGCTACG	307
Cytochrome <i>bo</i>₃ ubiquinol oxidase				
AFE 0632	<i>cyoB</i>	CAATTACATGGTCCACAACA	AGCGTATACACCACGATACC	300
Heterodisulfide reductase complex operon				
AFE 2553	<i>hdrA</i>	AGGAAATTTCTCCGAGTACC	GTGTTTTTCCAGACCGATAC	299
AFE 2555	<i>hdrC</i>	GAGATTGTGCAGTTGTTGTG	CTCCACCTTCTGGATATTG	307
AFE 2586	<i>hdrB</i>	GGAGAAGGTCAAGAAGATCC	TACCAGGTGGAGTAGTCGAT	303
Others				
AFE 0282	<i>fur</i>	TACGAGCGAATGATCGACG	CACCATATGATCGTGGTGG	294
AFE 0445	<i>galU</i>	ATGGCTGAAGTGCGAAGGC	ATGGTACTGACGTGGCTGGG	302
AFE 0539	<i>cysN3</i>	TCCGTGCTACAGGATATGC	GATATTCGGGCGGAAATTCG	337
AFE 1342	<i>epsS</i>	GCAACAACGTGGCGAACAC	AGGGGATCAGATGGCTCTC	306
AFE 1663	<i>glcF</i>	TTCCATCTGCTGGTACGAC	AGTTGTGCGCTTCGTTGTG	295
AFE 1677	<i>cbbO1a</i>	ACGGCATTGAGCTATACCG	TCCGGGTCTAGTAGTCAT	265

AFE 2157	<i>cbbOII</i>	TATCTGAACACGCTACGCG	ACAGGTCGAGTTTGCGTTC	295
AFE 2324	<i>pgm</i>	GATCATGCACAGCATTGCCGC	TCAGGTGATGACAGTGGGG	352
AFE 2599	-	GAGATTGTCCAGTCACAGAG	CCTGCTCAAAGATCTGGTAG	262
AFE 2602	-	AGATCAGGGAGCTACAAGCG	TATCCTGACCGATTTCTCCG	245
AFE 2836	<i>glbB</i>	CATTTCTCAGTTACGCGG	TATAAGTGCCCCAGTCGCT	340
AFE 2840	<i>malQ</i>	CGAAGATCTGCGTTATCGC	TCGTTTTCATCTCGCTGTAGG	297
AFE 2971	<i>cysN2</i>	CTACGGTCCAGCAGATATTC	GCGATATCGTTCATCTGTAGC	322
AFE 3054	<i>cbbOIIb</i>	CAGCGGTGACTTTGAAGATC	ATGAAAAGGCAGCCAGATGG	286
AFE 3116	-	CCGCCATATATTTGGCAGAG	CCTGCTCAAAGATCTGGTAG	262
AFE 3119	-	CGGAAAACATCCGAGCCTC	TATCCTGACCGATTTCTCCG	198
AFE 3124	<i>cysD</i>	CTAGCAATCACCATCTGGAC	CATTACGCGAATCGCTTGC	327