

Table S10 Potential Fur-regulatory sequences

3' - Proximal gene		Fur-box sequence	Identities
Locus Tag	Product		
409-05			
HMPREF0421_0142 ³	ATP synthase F0, subunit A	CGTAATCGTTATGATTATT	12/19
HMPREF0424_1188	Phosphotransferase-family protein	ACTAATAATAATTATTTT	13/19
HMPREF0424_1233	D-ala D-ala ligase-like protein	AATAATTAGAATAATTCAA	12/19
HMPREF0424_1241	Actinobacterial surface-anchored protein	ATTAATGAGAATCATTATT	15/19
Unclear ¹	Unclear	AATTATGAGAATAATTTTC	13/19
Unclear ¹	Unclear	CCTAATGGGAATAATTGCC	12/19
Unclear ¹	Unclear	CGTAATCGTTATTATTTGA	10/19
Unclear ¹	Unclear	GTTAATGAGAATCATTATC	17/19
Unclear ¹	Unclear	TTTTATTAGAATAATTACT	11/19
Unclear ^{1,4}	Unclear	AATAATAATAATGATTCTC	15/19
317			
HMPREF0421_20009 ³	ATP synthase F0, subunit A	CGTAATCGTTATGATTATT	12/19
HMPREF0421_20303	Actinobacterial surface-anchored protein	ATTAATGAGAATCATTATT	15/19
HMPREF0421_20307	Hypothetical protein	GTTTATGAGAATGATTCTC	14/19
HMPREF0421_20603 ³	Kinase	TTTAATAAGAATGATTTAA	11/19
HMPREF0421_20711 ³	ABC transporter, permease protein	AGTAATAGTAATGATTTTT	12/19
HMPREF0421_20763 ³	Conserved hypothetical protein	AATTATAAGAATAATTGCA	11/19
HMPREF0421_20840	Peroxiredoxin	CTTAATGATAATAATTATC	16/19
HMPREF0421_20841	Alcohol dehydrogenase	GATAATTATTATCATTAAG	15/19
HMPREF0421_20864 ³	Glutamate-5-semialdehyde dehydrogenase	CGTAATGGGAATTATTAC	12/19
HMPREF0421_20879	Conserved hypothetical protein	TTTTATCATTATAATTGAT	10/19
HMPREF0421_21091	Conserved hypothetical protein	GATTATAAGAATGATTGCA	12/19
HMPREF0421_21130 ³	Site-specific tyrosine recombinase, <i>xerC</i>	CGTAATAATAATGATTTAT	12/19
HMPREF0421_21326	Glucose-6-phosphate dehydrogenase	CGTAATAGTTATTATTGCA	10/19
HMPREF0421_21337	ATPase	TATTATAATTATGATTATA	13/19
Unclear ¹	Unclear	CCTAATGGGAATAATTGCC	12/19
Unclear ¹	Unclear	ACTAATTATAATAATTTCT	12/19
Unclear ^{1,2}	Unclear	CATTATTAGAATAATTTGC	12/19
Unclear ^{1,2}	Unclear	AATAATCGTAATTATTTAA	12/19
Unclear ¹	Unclear	AGTTATAAGAATTATTACG	11/19
Unclear ¹	Unclear	TTTTATAAGAATAATTTAA	11/19
Unclear ¹	Unclear	TGTAATCATTATGATTTAC	12/19
Unclear ¹	Unclear	AGTAATTATAATTATTTAA	12/19
594			
55	Methionine aminopeptidase	TATTATTATTATCATTGTT	13/19
127 ³	Ftsk/SpoIIIE-family protein	TGTAATGATTATTATTGCT	12/19
134 ³	Arylsulfatase	AATAATGGTTATGATTGTG	13/19
544 ³	Glutamate-5-semialdehyde dehydrogenase	CGTAATGGGAATTATTAC	12/19
566	Alcohol dehydrogenase	GATAATTATTATCATTAAG	15/19
567	Peroxiredoxin	CTTAATGATAATAATTATC	16/19
733 ³	Site-specific tyrosine recombinase, <i>xerC</i>	CGTAATAATAATGATTTAT	12/19
772	Conserved hypothetical protein	GATTATAAGAATGATTGCA	12/19
939 ³	ATP synthase F0, subunit A	CGTAATCGTTATGATTATT	12/19
1057 ³	Kinase	TTTAATAAGAATGATTTAA	11/19
1222	Actinobacterial surface-anchored protein	ATTAATGAGAATCATTATT	15/19
1259 ³	ABC transporter, permease protein	AGTAATAGTAATGATTTTT	12/19
1276	ATPase	TATTATAATTATGATTATA	13/19
Unclear ^{1,4}	Unclear	AATAATAATAATGATTCTC	15/19
Unclear ¹	Unclear	AGTAATTATAATTATTTAA	12/19
Unclear ¹	Unclear	TTTTATAAGAATAATTTAA	11/19
Unclear ¹	Unclear	TGTAATCATTATGATTTAC	12/19
Unclear ¹	Unclear	CATTATTAGAATAATTTGC	12/19
Consensus sequence		GATAATGATAATCATTATC	

¹ Fur-box located in region devoid of proximal gene candidates (within 1 kb) on same DNA strand. ² A potential uncalled hypothetical gene is found downstream of Fur-box but overlaps larger ORF with functional assignment ³ Fur box located within gene sequence ⁴ Downstream of isochorismatase