



Function id	Function name	J07HQW1	J07HQW2	J07HGX50	J07HN4	J07HN6	J07HR59	J07HX64	J07HX5	J07HB67
	polymerase, beta' subunit/160 kD subunit									
COG0087	Ribosomal protein L3	+	+	+	+	+	-	+	-	+
COG0088	Ribosomal protein L4	+	+	+	+	+	+	+	-	+
COG0090	Ribosomal protein L2	+	+	+	+	+	+	+	-	+
COG0091	Ribosomal protein L22	+	+	+	+	+	+	+	-	+
COG0092	Ribosomal protein S3	+	+	+	+	+	+	+	-	+
COG0093	Ribosomal protein L14	+	+	+	+	+	+	+	-	+
COG0094	Ribosomal protein L5	+	+	-	+	+	-	-	-	+
COG0096	Ribosomal protein S8	+	+	+	+	+	-	+	-	+
COG0097	Ribosomal protein L6P/L9E	+	+	+	+	+	+	-	-	+
COG0098	Ribosomal protein S5	+	+	-	+	+	+	+	-	+
COG0099	Ribosomal protein S13	+	+	+	+	+	+	+	-	+
COG0100	Ribosomal protein S11	+	+	+	+	+	+	+	-	+
COG0102	Ribosomal protein L13	+	+	+	+	+	+	+	+	+
COG0103	Ribosomal protein S9	+	+	+	+	+	+	+	+	+
COG0124	Histidyl-tRNA synthetase	+	+	+	+	+	+	+	+	+
COG0130	Pseudouridine synthase	+	+	+	+	+	+	+	+	+
COG0143	Methionyl-tRNA synthetase	+	+	+	+	+	+	+	+	+
COG0164	Ribonuclease HII	+	+	+	+	+	+	+	-	+
COG0177	Predicted EndoIII-related endonuclease	+	+	+	+	+	+	+	+	+
COG0180	Tryptophanyl-tRNA synthetase	+	+	+	+	+	+	+	+	+
COG0185	Ribosomal protein S19	+	+	-	+	+	+	+	-	-
COG0186	Ribosomal protein S17	+	+	+	+	+	+	-	-	-
COG0197	Ribosomal protein L16/L10E	+	+	+	+	+	-	+	+	-

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COG0200	Ribosomal protein L15	+	+	+	+	+	+	+	-	+
COG0201	Preprotein translocase subunit SecY	+	+	+	+	+	+	+	-	+
COG0250	Transcription antiterminator	+	+	-	+	+	+	+	+	+
COG0256	Ribosomal protein L18	+	+	-	+	+	+	+	-	+
COG0361	Translation initiation factor 1 (IF-1)	+	+	+	+	+	+	+	+	+
COG0441	Threonyl-tRNA synthetase	+	+	+	+	+	+	+	+	+
COG0455	ATPases involved in chromosome partitioning	+	-	+	+	+	-	+	-	+
COG0459	Chaperonin GroEL (HSP60 family)	+	+	+	+	+	+	+	+	+
COG0468	RecA/RadA recombinase	+	+	+	+	+	+	+	+	+
COG0480	Translation elongation factors (GTPases)	+	+	+	+	+	+	+	-	+
COG0495	Leucyl-tRNA synthetase	+	+	+	+	+	+	+	+	+
COG0522	Ribosomal protein S4 and related proteins	+	+	+	+	+	+	+	-	+
COG0525	Valyl-tRNA synthetase	+	+	+	+	+	+	+	+	+
COG0532	Translation initiation factor 2 (IF-2; GTPase)	+	+	+	+	+	-	-	+	+