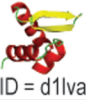
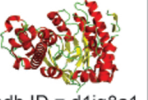
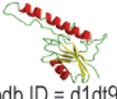
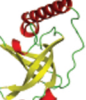
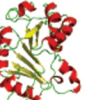
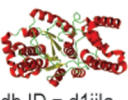


FOLD	Example structure	Regulatory factor occurrence	tRNA-related protein occurrence	Ribosomal protein occurrence
P-loop containing hydrolase Ancestry value = 0.000	 pdb ID = d1f60a3	Elongation factor SelB Elongation factor Tu Elongation factor G Elongation factor eEF-1alpha Elongation factor 2 Initiation factor IF2/eIF5b Initiation factor eIF2 Initiation factor 4a Sulfate adenylate transferase subunit cysN/C	MnmE GTPase	
DNA/RNA-binding 3-helical bundle Ancestry value = 0.006	 pdb ID = d1lvaa1	Elongation factor SelB Initiation factor 3 - eIF3k		Ribosomal protein S18 Ribosomal protein L11 Ribosomal protein S17e
Ferredoxin-like fold Ancestry value = 0.013	 pdb ID = d1gh8a_	Elongation factor aEF-1beta Elongation factor eEF-1alpha Elongation factor G	Phenylalanine-tRNA synthetase tRNA nucleotidyltransferase Glutamyl tRNA-reductase	Ribosomal protein S10 Ribosomal protein S6
TIM beta/alpha barrel Ancestry value = 0.019	 pdb ID = d1iq8a1		Queosine tRNA-guanine transglycosylase Archaeosine tRNA-guanine transglycosylase Putative flavin oxidoreductase	
Flavodoxin-like fold Ancestry value = 0.031	 pdb ID = d1vi6a_			Ribosomal protein S2
Ribonuclease H-like motif Ancestry value = 0.038	 pdb ID = d1dt9a1		Ribonuclease D	Ribosomal protein L18 Ribosomal protein S11
oligonucleotide/ oligosaccharide binding fold Ancestry value = 0.044	 pdb ID = d1e1oa1	Initiation translation factor 5a eIF5a homologue (Hex1) Elongation factor P Initiation factor 1 Initiation factor 1a - aIF1a/eIFa Initiation factor 2alpha	Aspartyl-tRNA synthetase Phenylalanine-tRNA synthetase B tRNA-binding protein TRBP111 Lysyl-tRNA synthetase	Ribosomal protein S12 Ribosomal protein S17 Ribosomal protein L2 Ribosomal protein S28e rRNA (Uracil-5-)-methyltransferaseRumA
S-adenosyl-L-methionine-dependent methyltransferases Ancestry value = 0.050	 pdb ID = d1yzha1		Probable methyltransferase Rv2118c Fibrillarin homologue tRNA (guanine-N(7)-)-methyltransferase TrmB	
Adenine nucleotide alpha hydrolase-like fold Ancestry value = 0.057	 pdb ID = d1jila_		Lysyl-tRNA synthetase Glutamyl-tRNA synthetase Cysteinyl-tRNA synthetase Isoleucyl-tRNA synthetase Arginyl-tRNA synthetase Valyl-tRNA synthetase Leucyl-tRNA synthetase Tyrosyl-tRNA synthetase tRNA-Ile-lysine synthetase TlIS-like protein Aq_1887 Tryptophanyl-tRNA synthetase Glutamyl-tRNA synthetase Glutamyl-Q tRNA-Asp synthetase Methionyl-tRNA synthetase	