

mRNA	Protein	
1. structural constituent of ribosome 2. structural molecule activity 3. rRNA binding 4. RNA binding 5. aminoacyl–tRNA ligase activity		lowMg Exp
1. structural constituent of ribosome 2. structural molecule activity 3. rRNA binding 4. RNA binding 5. tRNA binding	1. metal ion binding 2. ion binding 3. transition metal ion binding 4. cation binding 5. iron ion binding	highMg Exp
1. motor activity 2. structural molecule activity 3. glycine betaine/proline porter activity 4. inorganic cation transmembrane transporter activity	1. cation binding 2. ion binding 3. metal ion binding 4. structural constituent of ribosome 5. structural molecule activity	highNa Exp
1. structural constituent of ribosome 2. rRNA binding 3. structural molecule activity 4. RNA binding 5. tRNA binding	1. RNA binding 2. metal ion binding 3. ion binding 4. cation binding 5. transition metal ion binding	glycerol Exp
	1. structural constituent of ribosome 2. structural molecule activity 3. rRNA binding 4. RNA binding	gluconate Exp
1. phosphoglycerate mutase activity 2. intramolecular transferase activity, phosphotransferases 3. intramolecular transferase activity	1. structural constituent of ribosome 2. phosphate transmembrane–transporting ATPase activity 3. structural molecule activity 4. rRNA binding 5. inorganic phosphate transmembrane transporter activity	lactate Exp
1. metal ion binding 2. cation binding 3. ion binding 4. magnesium ion binding 5. transferase activity, transferring alkyl or aryl (other than methyl) gro		lowMg Sta
1. structural constituent of ribosome 2. rRNA binding 3. structural molecule activity 4. RNA binding 5. ATP binding		highMg Sta
1. metal ion binding 2. cation binding 3. ion binding 4. transition metal ion binding 5. zinc ion binding	1. structural constituent of ribosome 2. structural molecule activity 3. rRNA binding 4. metal ion binding 5. cation binding	highNa Sta
1. metal ion binding 2. cation binding 3. ion binding 4. alkali metal ion binding	1. iron ion binding 2. metal ion binding 3. transition metal ion binding 4. cation binding 5. ion binding	glycerol Sta
	1. gluconokinase activity 2. shikimate kinase activity	gluconate Sta
1. structural constituent of ribosome 2. structural molecule activity 3. hydrogen ion transporting ATP synthase activity, rotational mechan 4. rRNA binding 5. phenylalanine–tRNA ligase activity	1. structural constituent of ribosome 2. rRNA binding 3. structural molecule activity 4. glycerol–3–phosphate dehydrogenase activity 5. cofactor binding	lactate Sta