mRNA	Protein	
 Oxidative phosphorylation Pyruvate metabolism Citrate cycle (TCA cycle) Arginine and proline metabolism Protein export 		lowMg
 Ribosome ABC transporters Purine metabolism Glycine, serine and threonine metabolism Valine, leucine and isoleucine biosynthesis 	1. Flagellar assembly	highMg
Pyruvate metabolism Amino sugar and nucleotide sugar metabolism Glycolysis / Gluconeogenesis Citrate cycle (TCA cycle) Fructose and mannose metabolism	1. Ribosome 2. Alanine, aspartate and glutamate metabolism 3. Purine metabolism 4. Phenylalanine, tyrosine and tryptophan biosynthesis 5. Aminoacyl–tRNA biosynthesis	highNa
Arginine and proline metabolism ABC transporters Aminoacyl–tRNA biosynthesis Starch and sucrose metabolism	Biosynthesis of siderophore group nonribosomal peptides Arginine and proline metabolism	glycerol
	Pentose and glucuronate interconversions Pentose phosphate pathway ABC transporters	gluconate
Oxidative phosphorylation Ribosome Glycine, serine and threonine metabolism Valine, leucine and isoleucine biosynthesis Citrate cycle (TCA cycle)	1. Citrate cycle (TCA cycle) 2. Propanoate metabolism 3. ABC transporters 4. Butanoate metabolism 5. Oxidative phosphorylation	lactate