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