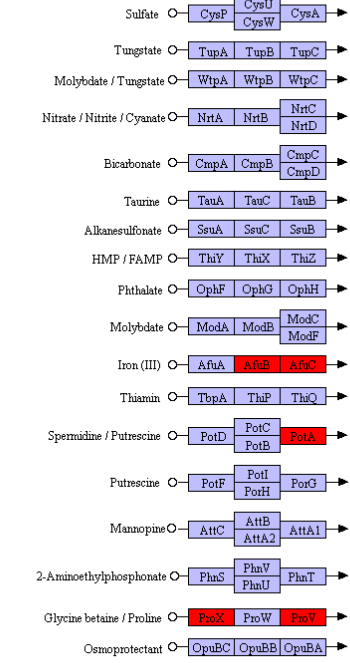


(a)

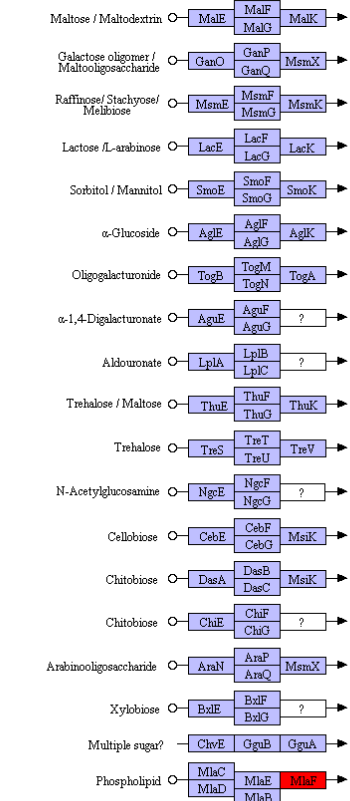
ABC TRANSPORTERS

Prokaryotic-type ABC transporters

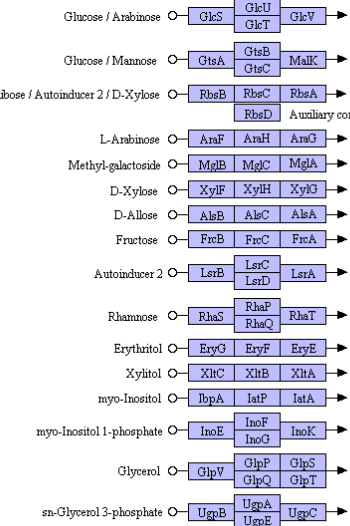
Mineral and organic ion transporters



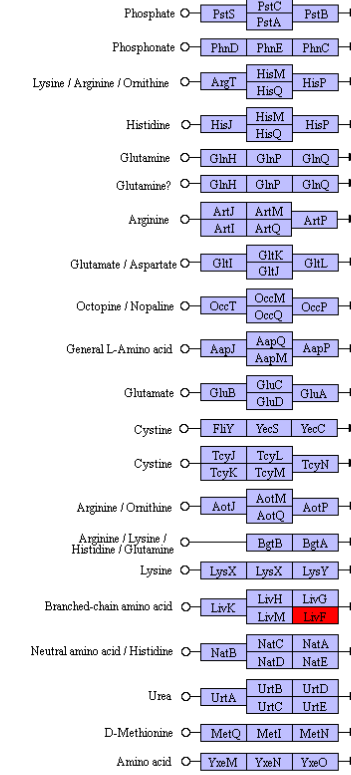
Oligosaccharide, polyol, and lipid transporters



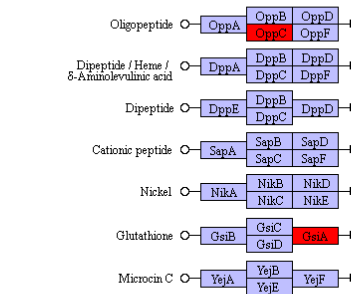
Monosaccharide transporters



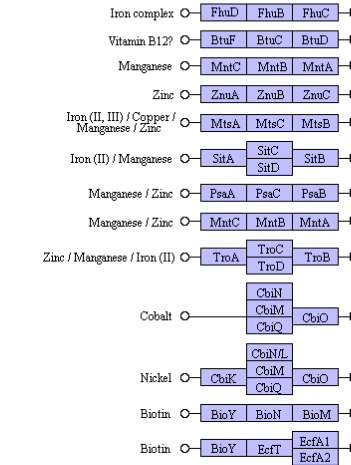
Phosphate and amino acid transporters



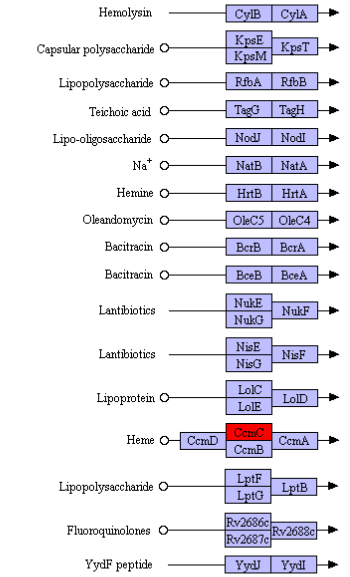
Peptide and nickel transporters



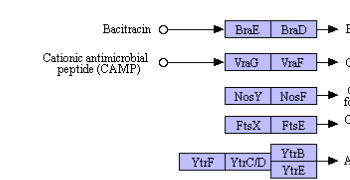
Metallic cation, iron-siderophore and vitamin B12 transporters



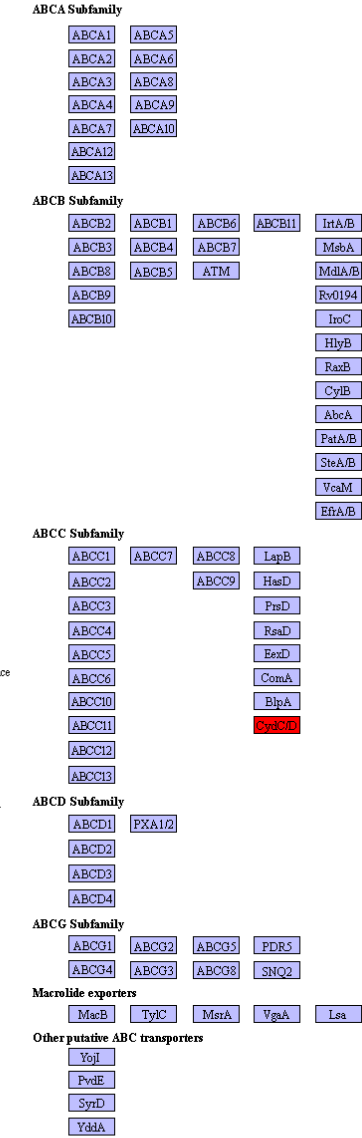
ABC-2 and other transporters



ABC-2 -type components without transporting function



Eukaryotic-type ABC transporters

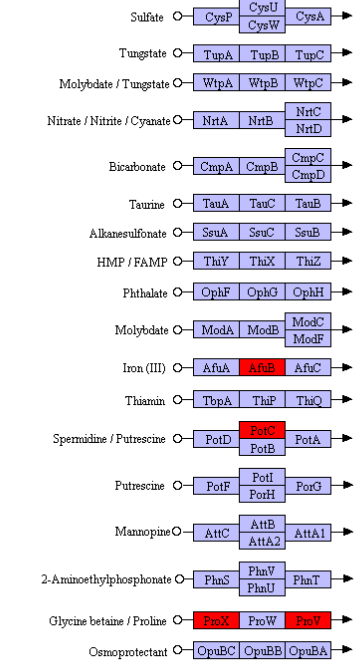


(b)

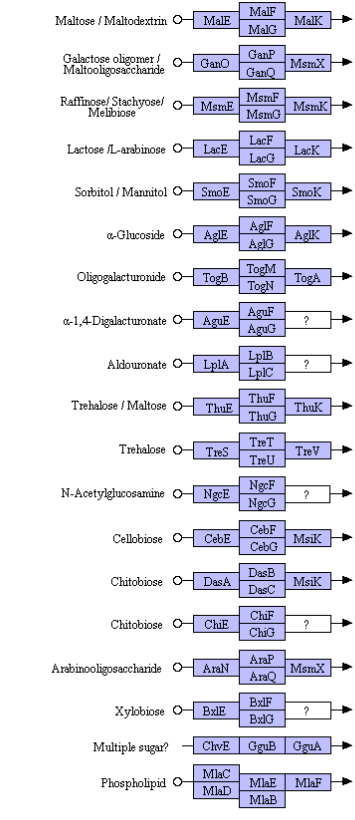
ABC TRANSPORTERS

Prokaryotic-type ABC transporters

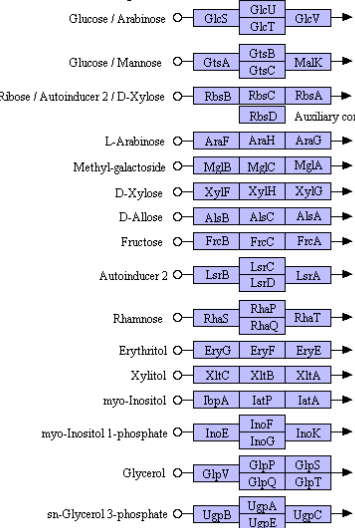
Mineral and organic ion transporters



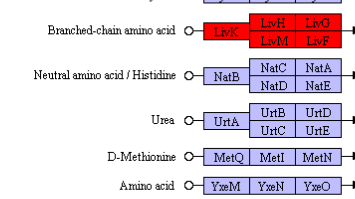
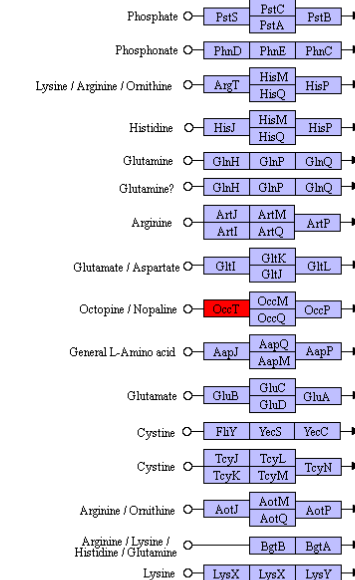
Oligosaccharide, polyol, and lipid transporters



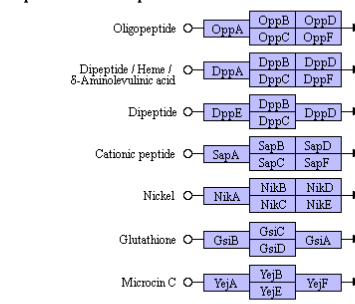
Monosaccharide transporters



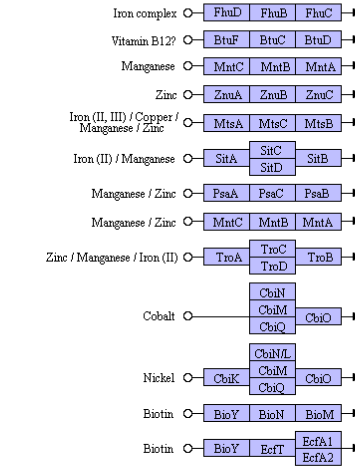
Phosphate and amino acid transporters



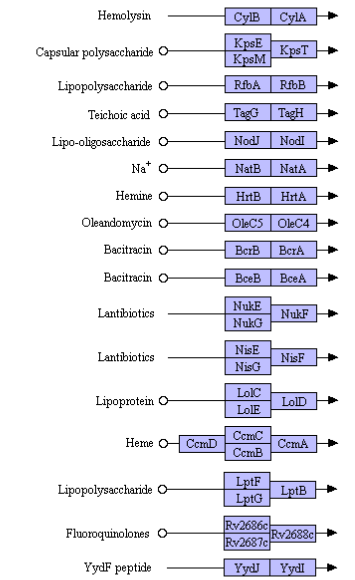
Peptide and nickel transporters



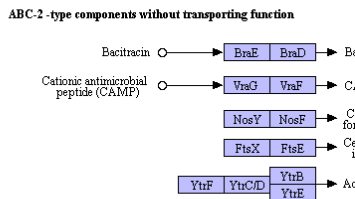
Metallic cation, iron-siderophore and vitamin B12 transporters



ABC-2 and other transporters

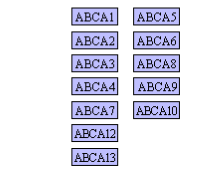


ABC-2 -type components without transporting function

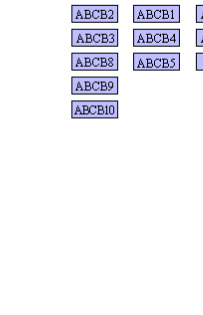


Eukaryotic-type ABC transporters

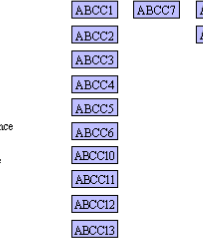
ABCA Subfamily



ABCB Subfamily



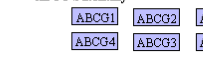
ABCC Subfamily



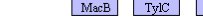
ABCD Subfamily



ABCG Subfamily



Macrolide exporters



Other putative ABC transporters

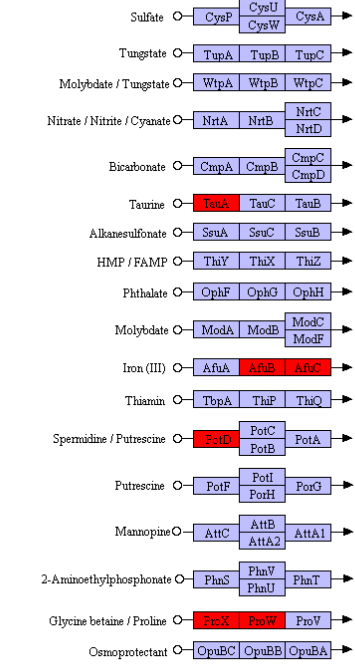


(c)

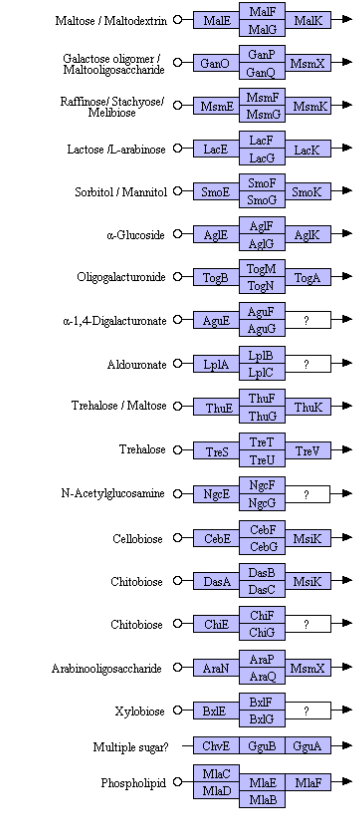
ABC TRANSPORTERS

Prokaryotic-type ABC transporters

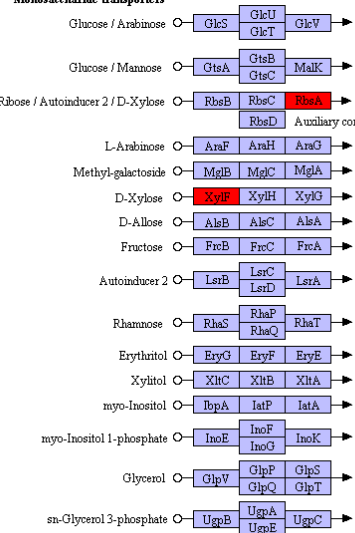
Mineral and organic ion transporters



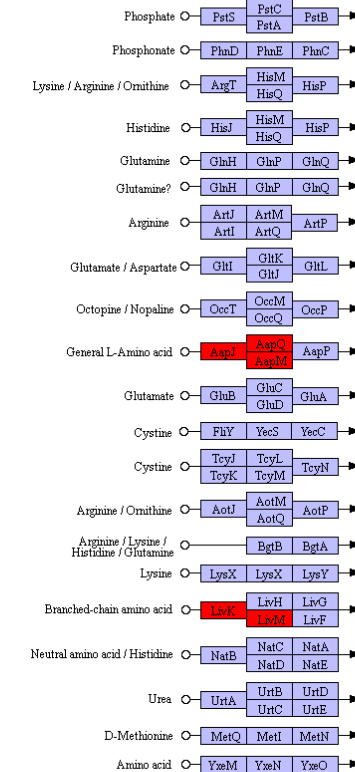
Oligosaccharide, polyol, and lipid transporters



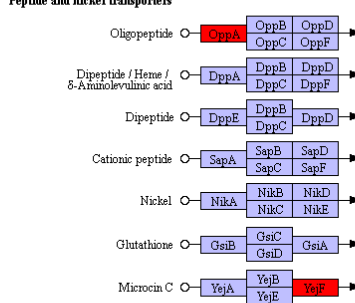
Monosaccharide transporters



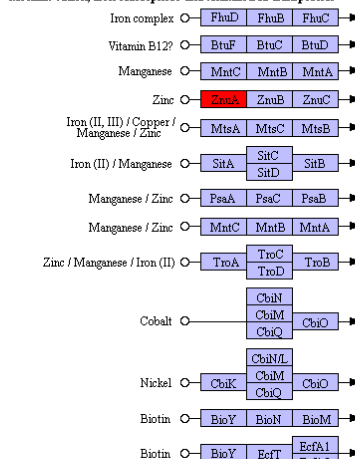
Phosphate and amino acid transporters



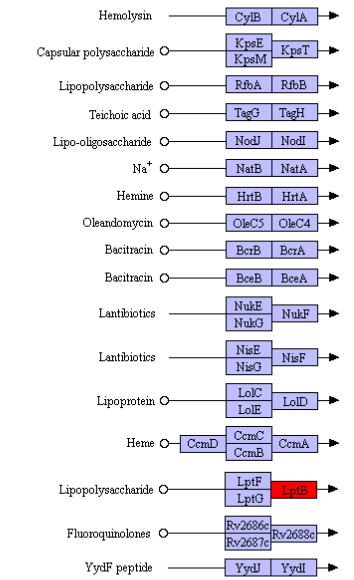
Peptide and nickel transporters



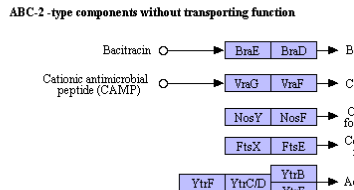
Metallic cation, iron-siderophore and vitamin B12 transporters



ABC-2 and other transporters

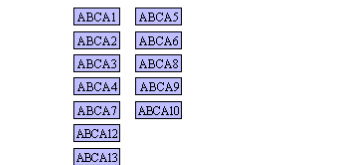


ABC-2 -type components without transporting function

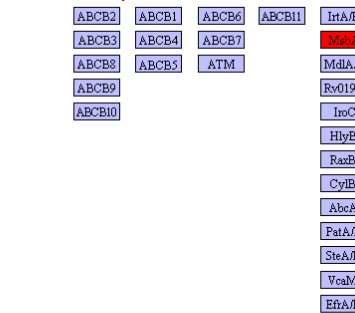


Eukaryotic-type ABC transporters

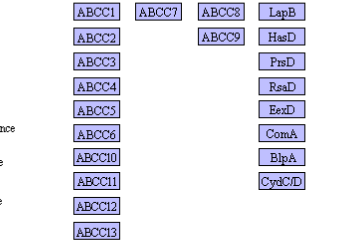
ABCA Subfamily



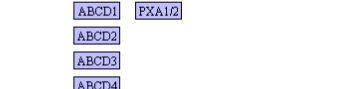
ABCB Subfamily



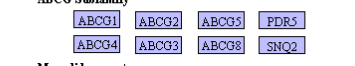
ABCC Subfamily



ABCD Subfamily



ABCG Subfamily



Macrolide exporters



Other putative ABC transporters

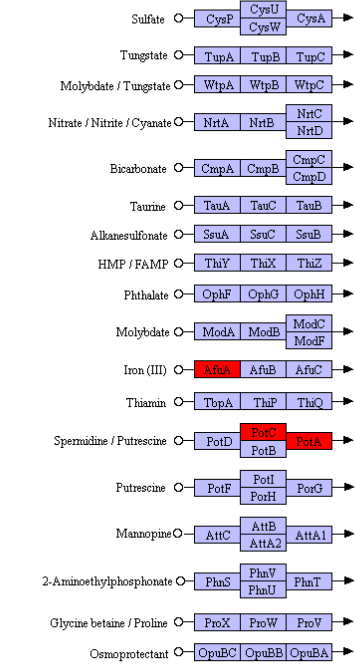


(d)

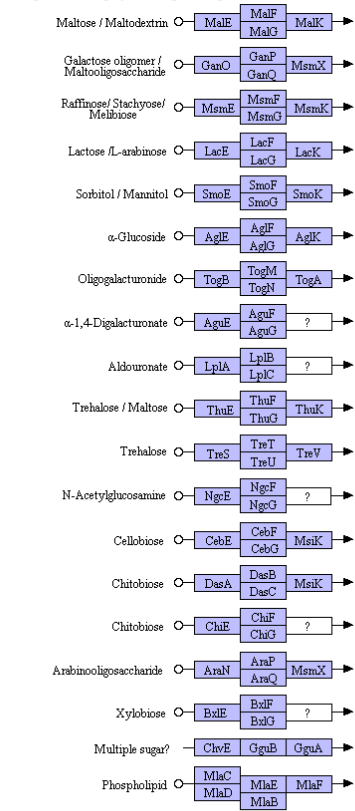
ABC TRANSPORTERS

Prokaryotic-type ABC transporters

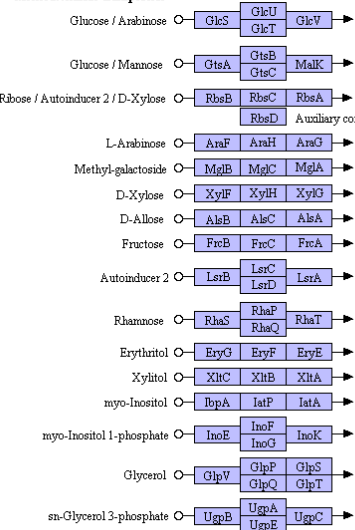
Mineral and organic ion transporters



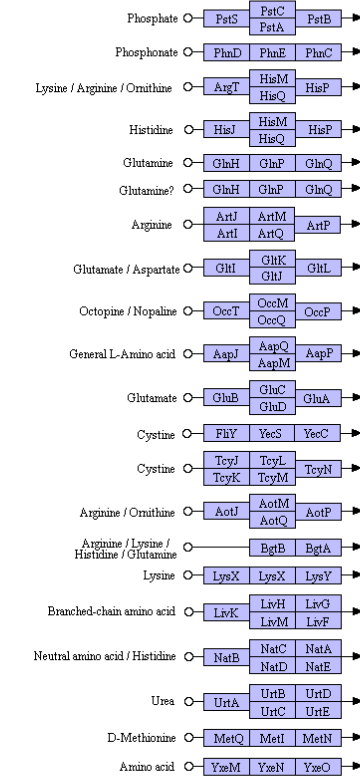
Oligosaccharide, polyol, and lipid transporters



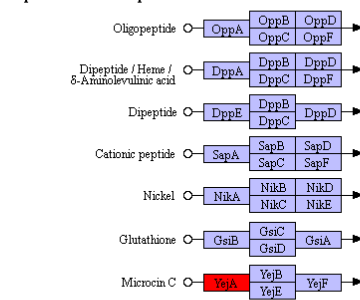
Monosaccharide transporters



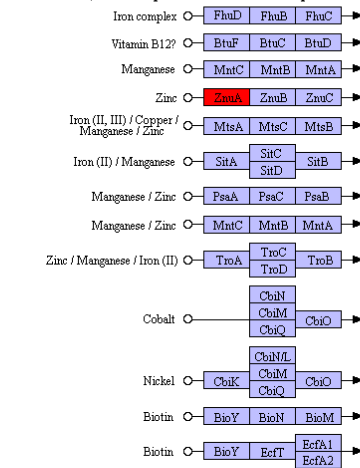
Phosphate and amino acid transporters



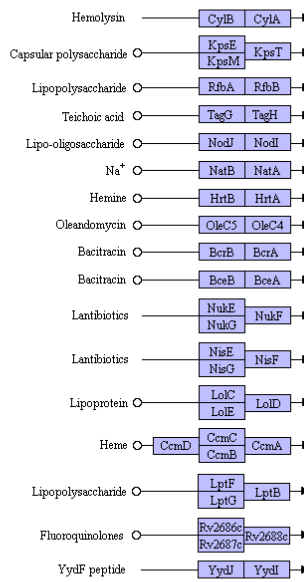
Peptide and nickel transporters



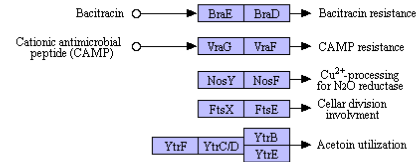
Metallic cation, iron-siderophore and vitamin B12 transporters



ABC-2 and other transporters

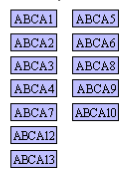


ABC-2 -type components without transporting function

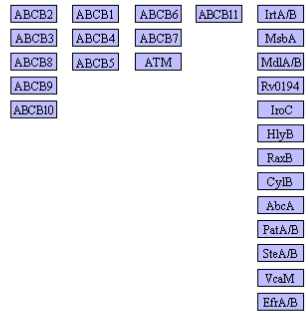


Eukaryotic-type ABC transporters

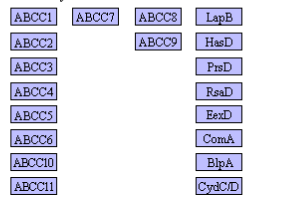
ABCA Subfamily



ABCB Subfamily



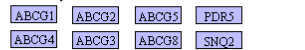
ABCC Subfamily



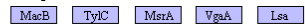
ABCD Subfamily



ABCG Subfamily



Macrolide exporters



Other putative ABC transporters

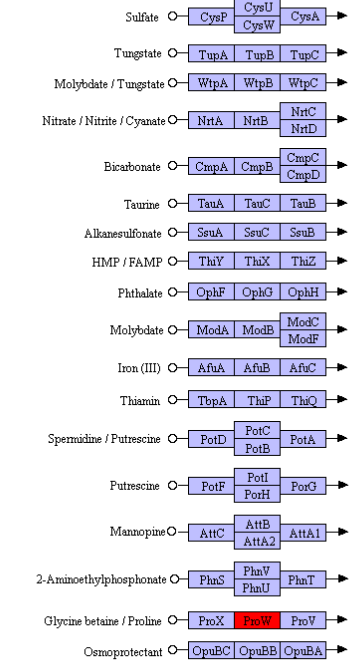


(e)

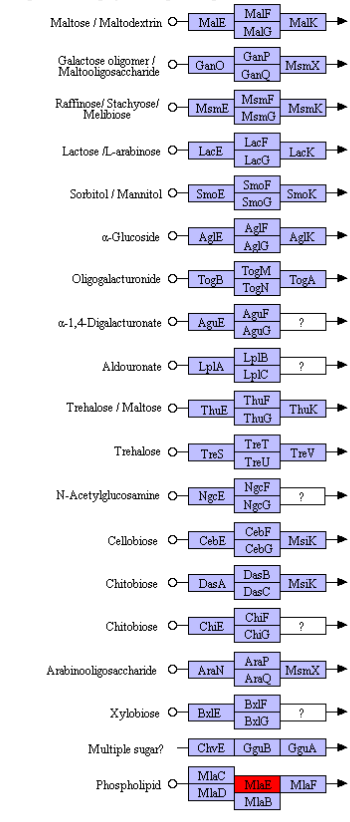
ABC TRANSPORTERS

Prokaryotic-type ABC transporters

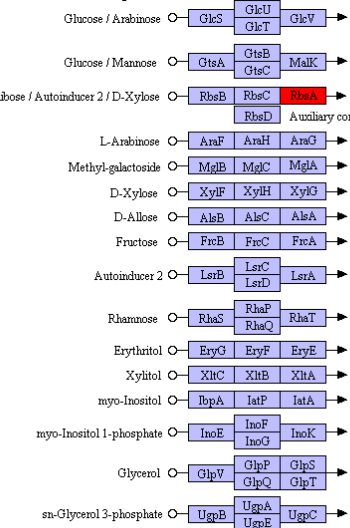
Mineral and organic ion transporters



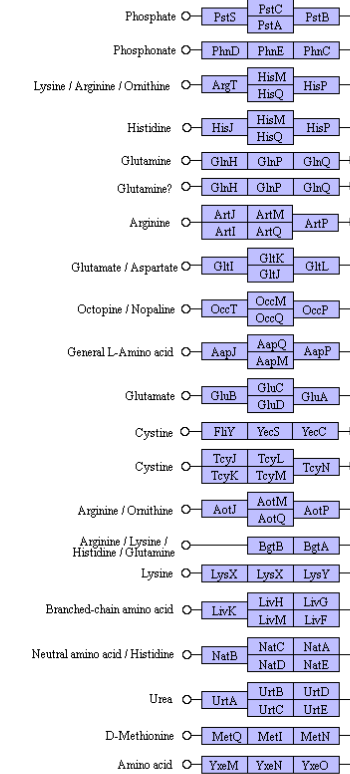
Oligosaccharide, polyol, and lipid transporters



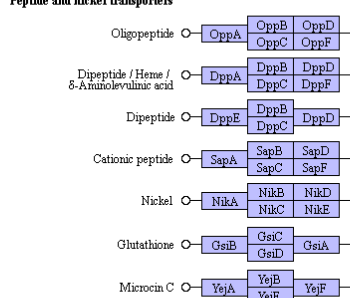
Monosaccharide transporters



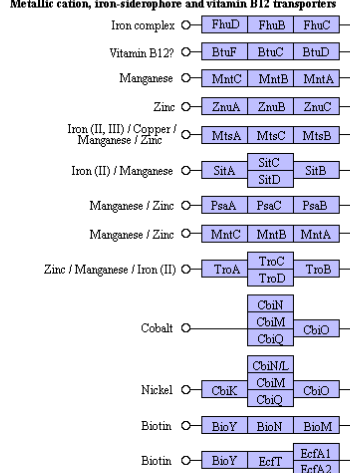
Phosphate and amino acid transporters



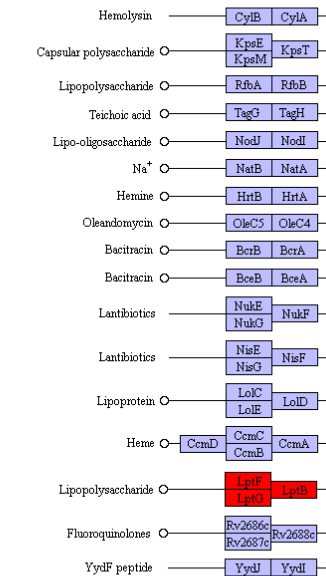
Peptide and nickel transporters



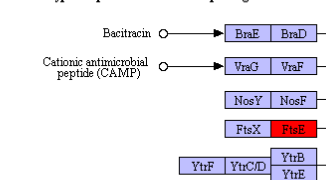
Metallic cation, iron-siderophore and vitamin B12 transporters



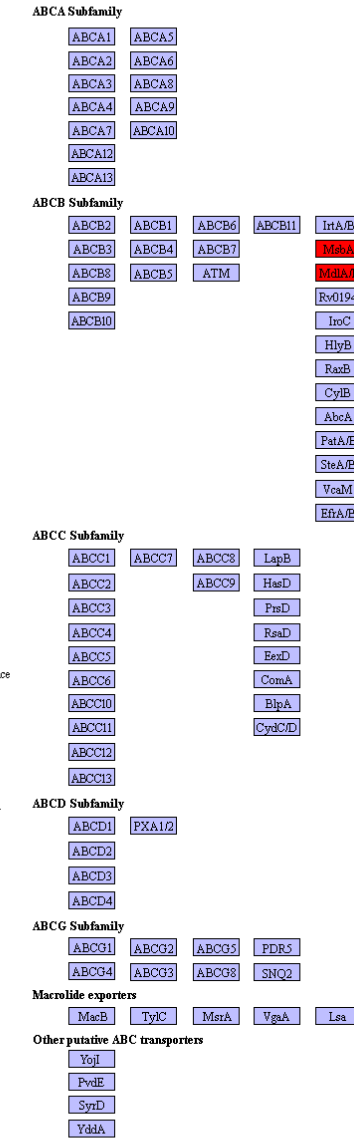
ABC-2 and other transporters



ABC-2 -type components without transporting function



Eukaryotic-type ABC transporters

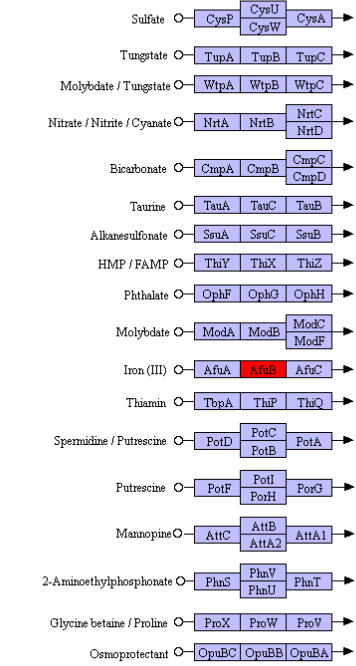


(f)

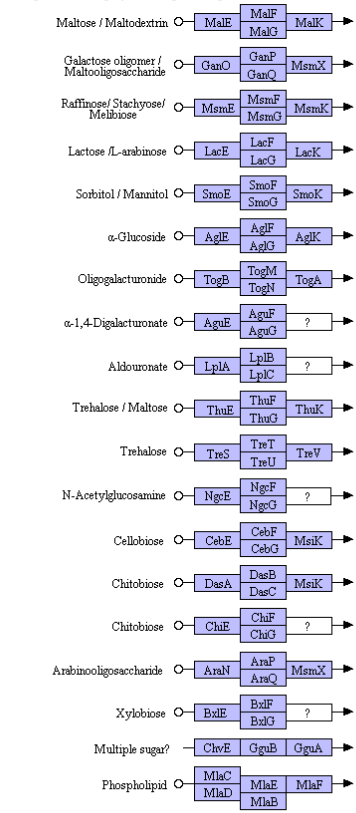
ABC TRANSPORTERS

Prokaryotic-type ABC transporters

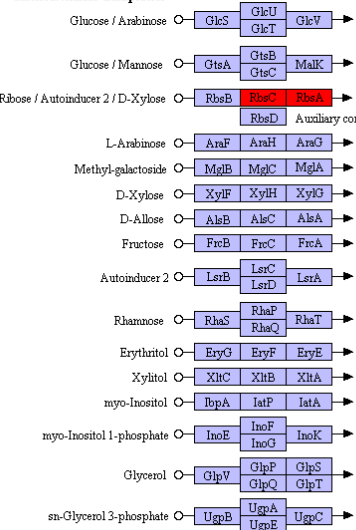
Mineral and organic ion transporters



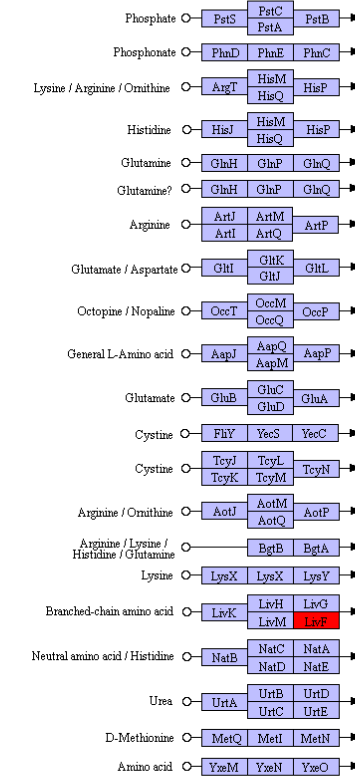
Oligosaccharide, polyol, and lipid transporters



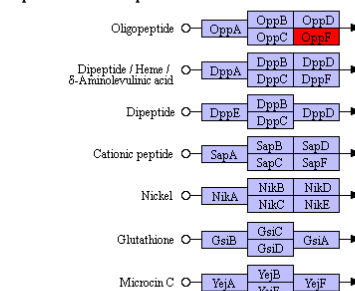
Monosaccharide transporters



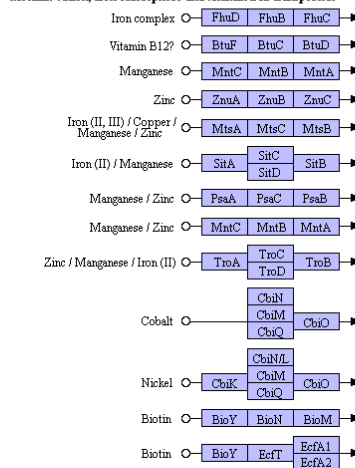
Phosphate and amino acid transporters



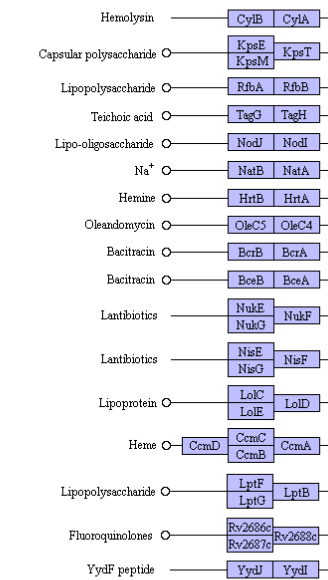
Peptide and nickel transporters



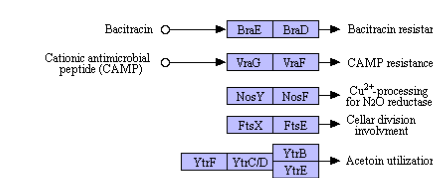
Metallic cation, iron-siderophore and vitamin B12 transporters



ABC-2 and other transporters

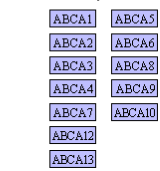


ABC-2-type components without transporting function

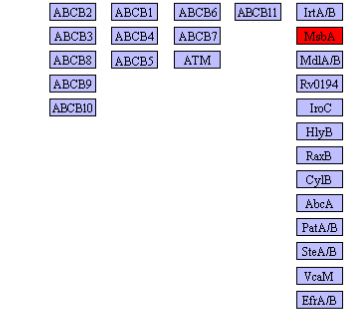


Eukaryotic-type ABC transporters

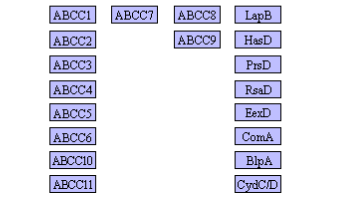
ABCA Subfamily



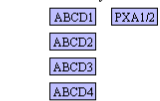
ABCB Subfamily



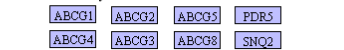
ABCC Subfamily



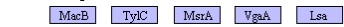
ABCD Subfamily



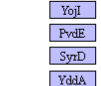
ABCG Subfamily



Macrolide exporters



Other putative ABC transporters

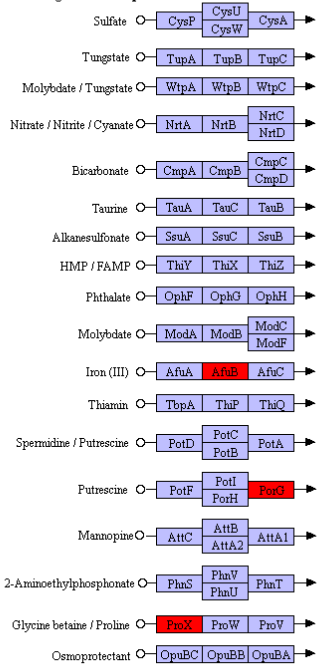


(g)

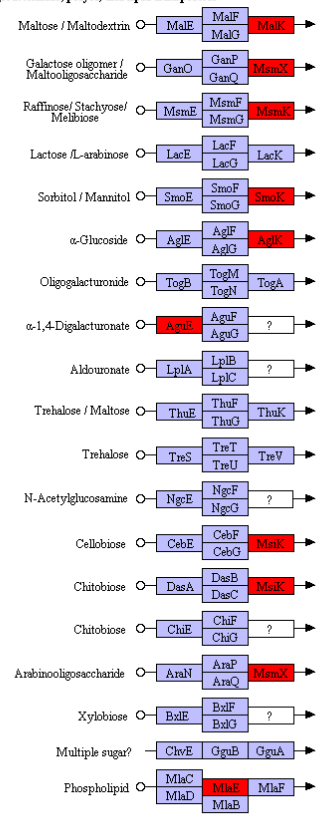
ABC TRANSPORTERS

Prokaryotic-type ABC transporters

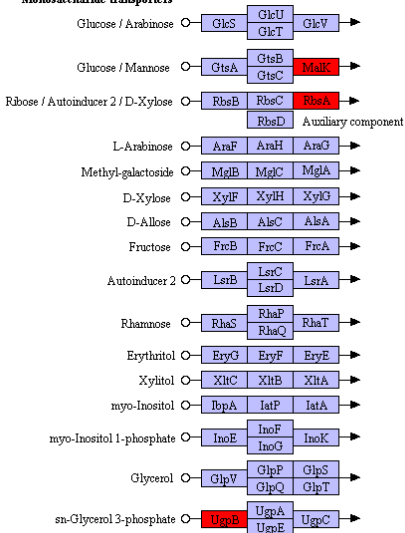
Mineral and organic ion transporters



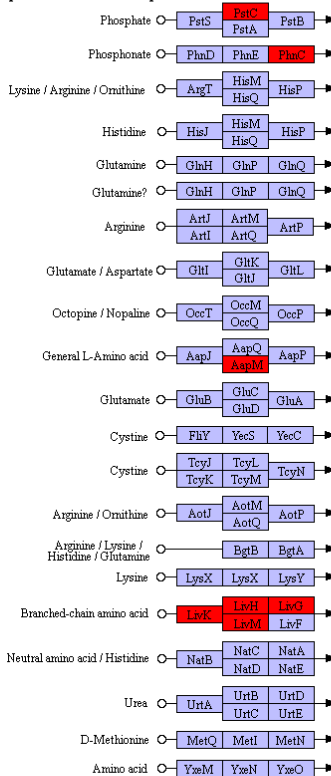
Oligosaccharide, polyol, and lipid transporters



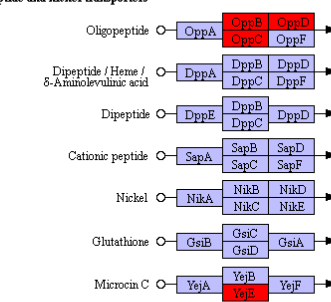
Monosaccharide transporters



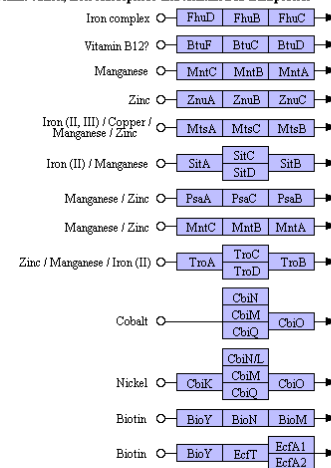
Phosphate and amino acid transporters



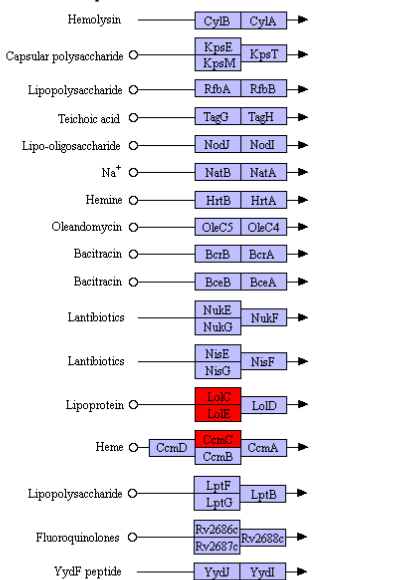
Peptide and nickel transporters



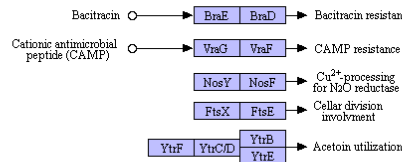
Metallic cation, iron-siderophore and vitamin B12 transporters



ABC-2 and other transporters

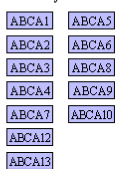


ABC-2-type components without transporting function

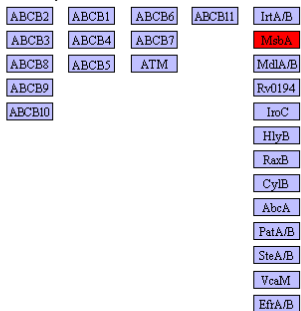


Eukaryotic-type ABC transporters

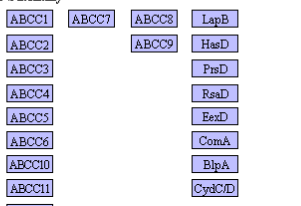
ABCA Subfamily



ABCB Subfamily



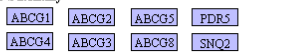
ABCC Subfamily



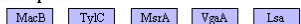
ABCD Subfamily



ABCG Subfamily



Macrolide exporters



Other putative ABC transporters

