| Evidence | bNumber | Class | Class description |
|----------|---------|-------|-------------------|
| SE       | b0805   | 4.1.3 | Structural elements > Cell envelop > Outer membrane constituents |
|          |         |       | Cell structure > Membrane |
|          |         |       | Location of gene products > Outer membrane |
| SE       | b1519   | 3.2.8 | Metabolism of small molecules > Biosynthesis of cofactors, carriers > Menaquinone, ubiquinone |
|          |         |       | Metabolism > Central intermediary metabolism > Unassigned reversible reactions |
| SE       | b1533   | 1.5.2 | Cell processes > Transportbinding proteins > ABC superfamily (membrane) |
|          |         |       | Transport > Electrochemical potential driven transporters > Porters (Uni-, Sym- and Antiporters) > The Major Facilitator Superfamily (MFS) |
|          |         |       | Cell structure > Membrane |
| SE       | b1981   | 1.5.21| Cell processes > Transportbinding proteins > MFS family |
|          |         |       | Transport > Electrochemical potential driven transporters > Porters (Uni-, Sym- and Antiporters) > The Major Facilitator Superfamily (MFS) |
| SE       | b2210   | 3.4.3 | Metabolism of small molecules > Degradation of small molecules > Carbon compounds |
|          |         |       | Metabolism > Energy metabolism (carbon) > Tricarboxylic acid cycle |
| SE       | b3839   | 1.5.2 | Cell processes > Transportbinding proteins > ABC superfamily (membrane) |
|          |         |       | Transport > Cell Substrate transported > Protein |
|          |         |       | Cell structure > Membrane |
| SE       | b3955   | 4.1.3 | Structural elements > Cell envelop > Outer membrane constituents |
|          |         |       | Cell structure > Membrane |
| SE       | b3222   | 3.4.3 | Metabolism of small molecules > Degradation of small molecules > Carbon compounds |
|          |         |       | Metabolism > Central intermediary metabolism > Amino sugar conversions |
| SE       | b3337   | 3.5.2 | Metabolism of small molecules > Energy metabolism, carbon > Anaerobic respiration |
|          |         |       | Cell processes > Adaptation to stress > Fe acquisition |
| SE       | b3569   | 3.4.3 | Metabolism of small molecules > Degradation of small molecules > Carbon compounds |
|          |         |       | Metabolism > Carbon compound utilization > Carbohydrate degradation |
| SE       | b3955   | 4.1.3 | Structural elements > Cell envelop > Outer membrane constituents |
|          |         |       | Cell structure > Membrane |
| SE       | b3222   | 3.4.3 | Metabolism of small molecules > Degradation of small molecules > Carbon compounds |
|          |         |       | Metabolism > Central intermediary metabolism > Amino sugar conversions |
| SE       | b0570   | 6.1.1 | Global functions > Global regulatory functions |
|          |         |       | Regulation > Type of regulation > Transcriptional level |
| SE       | b0619   | 6.1.1 | Global functions > Global regulatory functions |
|          |         |       | Regulation > Type of regulation > Transcriptional level |
| SE       | b2219   | 6.1.1 | Global functions > Global regulatory functions |
|          |         |       | Regulation > Type of regulation > Transcriptional level |
| SE       | b0505   | 3.3.15| Metabolism of small molecules > Central intermediary metabolism > Pool, multipurpose conversions of intermed. met.m |
|          |         |       | Metabolism > Central intermediary metabolism > Allantoin assimilation |
| SE       | b0508   | 3.4.3 | Metabolism of small molecules > Degradation of small molecules > Carbon compounds |
|          |         |       | Metabolism > Central intermediary metabolism |
| SE       | b0662   | 3.5.2 | Metabolism of small molecules > Energy metabolism, carbon > Anaerobic respiration |
|          |         |       | Metabolism > Energy metabolism (carbon) > Aerobic respiration |
| SE       | b0789   | 2.2.7 | Macromolecule metabolism > Macromolecule synthesis, modification > Phospholipids |
|          |         |       | Metabolism > Macromolecule (cellular constituent) biosynthesis > Phospholipid |
| SE       | b2924   | 4.1.2 | Structural elements > Cell envelop > Murein sacculus, peptidoglycan |
|          |         |       | Cell structure > Membrane |
| SE       | b2052   | 3.3.18| Metabolism of small molecules > Central intermediary metabolism > Sugar-nucleotide biosynthesis, conversions |
|          |         |       | Metabolism > Macromolecule (cellular constituent) biosynthesis > Colanic acid (M antigen) |
| SE       | b2889   | 2.2.3 | Macromolecule metabolism > Macromolecule synthesis, modification > DNA - replication, repair, restriction/modification |
|          |         |       | Metabolism > Building block biosynthesis > Cofactor, small molecule carrier biosynthesis > Isoprenoid |
| Evidence | bNumber | Class | Class description |
|----------|---------|-------|-------------------|
| NE | b2392  | 3.5.2 | Metabolism of small molecules > Energy metabolism, carbon > Anaerobic respiration  |
| NE |        |       | Transport > Substrate transported > Mn+/H  |
| NE | b0103  | 1.5.1 | Cell processes > Transport-binding proteins > ABC superfamily (atp_bind)  |
| NE |        |       | Metabolism > Building block biosynthesis > Cofactor, small molecule carrier biosynthesis > Coenzyme A  |
| NE | b2530  | 3.3.15 | Metabolism of small molecules > Central intermediary metabolism > Pool, multipurpose conversions of intermed. met_m  |
| NE |        |       | Information transfer > Protein related > Posttranslational modification  |
| NE | b0162  | 3.5.2 | Metabolism of small molecules > Energy metabolism, carbon > Anaerobic respiration  |
| NE |        |       | Regulation > Genetic unit regulated > Regulon  |
| NE | b0613  | 3.4.3 | Metabolism of small molecules > Degradation of small molecules > Carbon compounds  |
| NE |        |       | Information transfer --> Protein related  |
| NE | b2972  | 3.4.3 | Metabolism of small molecules > Degradation of small molecules > Carbon compounds  |
| NE |        |       | Information transfer > Protein related > Export, signal peptide cleavage  |
| NE | b0053  | 2.1.1 | Macromolecule metabolism > Macromolecule degradation > Degradation of DNA  |
| NE |        |       | Information transfer > Protein related > Chaperone, folding  |
| NE | b0441  | 1.7.1 | Cell processes > Cell division  |
| NE |        |       | Information transfer > Protein related > Chaperone, folding  |
| NE | b1199  | 1.5.23 | Cell processes > Transport-binding proteins > Mechanism not stated  |
| NE |        |       | Metabolism > Central intermediary metabolism > Unassigned reversible reactions  |
| NE | b3836  | 4.2.2 | Structural elements > Ribosome constituents > Ribosomal proteins - synthesis, modificationRiboso  |
| NE |        |       | Cell structure > Membrane  |
| NE |        |       | Location of gene products > Inner membrane  |
| NE | b3838  | 5.1.2 | Extrachromosomal > Laterally acquired elements > Phage-related functions and prophages  |
| NE |        |       | Cell structure > Membrane  |
| NE |        |       | Location of gene products > Inner membrane  |