type type 3 Glucose–1–phosphate adenylyltransferase (EC 2.7.7.27) Aldose 1–epimerase (EC 5.1.3.3) non-responder untreated TonB-dependent receptor Thioredoxin reductase (EC 1.8.1.9) Flagellar hook–length control protein Flik Cysteine synthase (EC 2.5.1.47) 2 Methionine ABC transporter ATP-binding protein Glutamine synthetase type III, GlnN (EC 6.3.1.2) Flagellar basal-body rod protein FlgG Multiple sugar ABC transporter, substrate-binding protein Flagellar M-ring protein FliF CTP synthase (EC 6.3.4.2) 1 IMP cýclohydrolase (EC 3.5.4.10) Phosphoribosylaminoimidazolecarboxamide formyltransferase (EC 2.1.2.3) Flagellar motor switch protein FliM Flagellar motor switch protein FliN Formate efflux transporter (TC 2.A.44 family)
Flagellar hook–basal body complex protein FliE
ATP synthase B chain (EC 3.6.3.14) Flagellar synthesis regulator FleN
PTS system, N-acetylglucosamine-specific IIB component (EC 2.7.1.69)
PTS system, N-acetylglucosamine-specific IIC component (EC 2.7.1.69) Tellurium resistance protein TerD

Multiple sugar ABC transporter, membrane–spanning permease protein MsmF -arabinose transport ATP-binding protein AraG (TC 3.A.1.2.2) Flagellar biosynthesis protein FliP Sucrose phosphorylase (EC 2.4.1.7) Flagellar basal-body rod protein FlgF
Alpha-L-arabinofuranosidase II precursor (EC 3.2.1.55)
Bis(5'-nucleosyl)-tetraphosphatase (asymmetrical) (EC 3.6.1.17) Arginine/ornithine antiporter ArcD
FKBP-type peptidyl-prolyl cis-trans isomerase SlyD (EC 5.2.1.8)
FIG004453: protein YceG like Uridine kinase (EC 2.7.1.48) [C1] Chitinase (EC 3.2.1.14) Hydrolase (HAD superfamily) Alpha-1,2-mannosidase S-adenosylhomocysteine deaminase (EC 3.5.4.28) Anaerobic C4-dicarboxylate transporter DcuB Outer membrane protein A precursor Succinate dehydrogenase flavoprotein subunit (EC 1.3.99.1) RND efflux system, inner membrane transporter CmeB LemA family protein Aconitate hydratase (EC 4.2.1.3)
Cytochrome c oxidase polypeptide I (EC 1.9.3.1)
Glycerate kinase (EC 2.7.1.31) Uracil permease Large-conductance mechanosensitive channel Ferric siderophore transport system, periplasmic binding protein TonB Kef-type K+ transport systems (NAD-binding component fused to domain related ... Putative amidotransferase similar to cobyric acid synthase կ Vitamin B12 ABC transporter, permease component BtuC Zinc ABC transporter, periplasmic-binding protein ZnuA 4-hydroxythreonine-4-phosphate dehydrogenase (EC 1.1.1.262) Outer membrane receptor for ferrienterochelin and colicins Cytoplasmic alpha-amylase (EC 3.2.1.1)
NADH-ubiquinone oxidoreductase chain L (EC 1.6.5.3) Periplasmic beta-glucosidase (EC 3.2.1.21) Formate hydrogenlyase subunit 3 Na+/H+ antiporter NhaA type Cytochrome d ubiquinol oxidase subunit I (EC 1.10.3.-) Probable low-affinity inorganic phosphate transporter Hexuronate transporter Kup system potassium uptake protein putative periplasmic protein kinase ArgK and related GTPases of G3E family NADH-ubiquinone oxidoreductase chain M (EC 1.6.5.3) Alkanesulfonates-binding protein Sulfate and thiosulfate binding protein CysP Organic solvent tolerance protein precursor NADH-ubiquinone oxidoreductase chain H (EC 1.6.5.3) Arabinose operon protein AraM Phosphoenolpyruvate synthase (EC 2.7.9.2) Probable sulfate exporter tauZ Manganese transport protein MntH Glutathione-regulated potassium-efflux system ATP-binding protein Quinone-reactive Ni/Fe-hydrogenase large chain (EC 1.12.5.1) NrfC protein NrfD protein Predicted sialic acid transporter NADH-ubiquinone oxidoreductase chain J (EC 1.6.5.3) Integral membrane protein TerC Cyclic di–GMP binding protein precursor N–acetyl glucosamine transporter, NagP ATP phosphoribosyltransferase (EC 2.4.2.17) Aquaporin Z Potassium voltage-gated channel subfamily KQT Succinate-semialdehyde dehydrogenase, CoA-dependent Alpha-1,6-glucosidases, pullulanase-type NADH-ubiquinone oxidoreductase chain N (EC 1.6.5.3) Alkanesulfonates ABC transporter ATP-binding protein NADH-ubiquinone oxidoreductase chain D (EC 1.6.5.3) NADH-ubiquinone oxidoreductase chain C (EC 1.6.5.3) Predicted sodium-dependent galactose transporter Hypothetical NagD-like phosphatase, Actinobacterial subfamily Strepotococcal cysteine protease (Streptopain) (EC 3.4.22.10)
Cytochrome c–type biogenesis protein DsbD, protein–disulfide reductase (EC 1....
Respiratory nitrate reductase delta chain (EC 1.7.99.4) Outer membrane vitamin B12 receptor BtuB Biopolymer transport protein ExbD/ToIR Sulfonate ABC transporter, ATP-binding subunit SsuB Succinyl-CoA:coenzyme A transferase (EC 2.8.3.-)
Alkanesulfonates transport system permease protein Periplasmic nitrate reductase precursor (EC 1.7.99.4) Respiratory nitrate reductase alpha chain (EC 1.7.99.4)
Ni,Fe-hydrogenase I cytochrome b subunit Uptake hydrogenase large subunit (EC 1.12.99.6) Uptake hydrogenase small subunit precursor (EC 1.12.99.6)

MotA/TolQ/ExbB proton channel family protein

Survival protein SurA precursor (Peptidyl–prolyl cis–trans isomerase SurA) (E...

N–acetylglucosamine related transporter, NagX

RND efflux system, membrane fusion protein CmeA

Entradeving type protein NagC (periplagmin pitrote radiustose) Ferredoxin-type protein NapG (periplasmic nitrate reductase) P60 extracellular protein, invasion associated protein lap Phage lysin Pectin degradation protein KdgF Tellurium resistance protein Kugr
Tellurium resistance protein TerA
Tagatose–6-phosphate kinase AgaZ (EC 2.7.1.144)
PTS system, mannitol–specific IIB component (EC 2.7.1.69)
PTS system, mannitol–specific IIC component (EC 2.7.1.69)
Succinate–semialdehyde dehydrogenase [NAD] (EC 1.2.1.24)
D–allose ABC transporter, substrate–binding component Maltogenic alpha–amylase (EC 3.2.1.133) Aliphatic amidase amiE (EC 3.5.1.4) TRAP-type C4-dicarboxylate transport system, small permease component Formate/nitrite family of transporters Cys regulon transcriptional activator CysB Predicted cell-wall-anchored protein SasA (LPXTG motif) PTS system, cellobiose–specific IIA component (EC 2.7.1.69) Proline/sodium symporter PutP (TC 2.A.21.2.1) Propionate/sodium symporter PTS system, cellobiose–specific IIC component (EC 2.7.1.69) Arabinan endo–1,5–alpha–L–arabinosidase (EC 3.2.1.99) L-arabinose transport system permease protein (TC 3.A.1.2.2) Xylulose–5–phosphate phosphoketolase (EC 4.1.2.9) Sulfate adenylyltransferase subunit 1 (EC 2.7.7.4) Hypothetical glycoside hydrolase, family 43, similar to arabinosidase Glutamine transport system permease protein glnP (TC 3.A.1.3.2) Sulfate adenylyltransferase subunit 2 (EC 2.7.7.4) PTS system, sucrose-specific IIB component (EĆ 2.7.1.69) PTS system, sucrose–specific IIC component (EC 2.7.1.69) Toxic anion resistance protein TelA N-acetylmannosamine-6-phosphate 2-epimerase (EC 5.1.3.9) Flagellar assembly protein FliH amino acid ABC transporter, amino acid-binding protein N-acetylmannosamine kinase (EC 2.7.1.60) Glutamate ABC transporter, periplasmic glutamine-binding protein Arsenical pump membrane protein predicted 4-deoxy-L-threo-5-hexosulose-uronate ketol-isomerase (EC 5.3.1.17) Flagellar biosynthesis protein FlhF D1D29 B2D29 B1D29 D2D29 C6D29 A5D29 C7D29