		ribA, RIB1; GTP cyclohydrolase II [EC:3.5.4.25]
		rpiA; ribose 5–phosphate isomerase A [EC:5.3.1.6] plsC; 1–acyl–sn–glycerol–3–phosphate acyltransferase [EC:2.3.1.51]
		aroB; 3-dehydroquinate synthase [EC:4.2.3.4]
		foID; methylenetetrahydrofolate dehydrogenase (NADP+) / methenyltetrahydrofolate cyclohydrolase [EC:1.5.1.5 3.5.4.9]  DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]
		DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]
		cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10] adh2; alcohol dehydrogenase [EC:1.1.1]
		mrcA; penicillin–binding protein 1A [EC:2.4.1.129 3.4.16.4]
		ddl; D-alanine-D-alanine ligase [EC:6.3.2.4] phnP; phosphoribosyl 1,2-cyclic phosphate phosphodiesterase [EC:3.1.4.55]
		phnP; phosphoribosyl 1,2–cyclic phosphate phosphodiesterase [EC:3.1.4.55]  phnP; phosphoribosyl 1,2–cyclic phosphate phosphodiesterase [EC:3.1.4.55]
		bacC; dihydroanticapsin dehydrogenase [EC:1.1.1.385]  metK: S-adenosylmethionine synthetase [EC:2.5.1.6]
		metK; S-adenosylmethionine synthetase [EC:2.5.1.6]  DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37]
		hspA; 6-hydroxy-3-succinoylpyridine 3-monooxygenase [EC:1.14.13.163]
		cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10]  DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]
		cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10]  folD: methylenetetrahydrofolate dehydrogenase (NADP+) / methenyltetrahydrofolate cyclohydrolase [EC:1.5.1.5.3.5.4.9]
		foID; methylenetetrahydrofolate dehydrogenase (NADP+) / methenyltetrahydrofolate cyclohydrolase [EC:1.5.1.5 3.5.4.9]  DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]
		DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]  cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10]
		cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10]  E2.4.1.5; dextransucrase [EC:2.4.1.5]
		murA; UDP-N-acetylglucosamine 1-carboxyvinyltransferase [EC:2.5.1.7]
		PYG, glgP; glycogen phosphorylase [EC:2.4.1.1]  IpxA; UDP–N–acetylglucosamine acyltransferase [EC:2.3.1.129]
		ribBA; 3,4–dihydroxy 2–butanone 4–phosphate synthase / GTP cyclohydrolase II [EC:4.1.99.12
		mnmA, trmU; tRNA-uridine 2-sulfurtransferase [EC:2.8.1.13]  IpxL, htrB; Kdo2-lipid IVA lauroyltransferase/acyltransferase [EC:2.3.1.241 2.3.1]
		dapE; succinyl–diaminopimelate desuccinylase [EC:3.5.1.18]
		E2.5.1.54, aroF, aroG, aroH; 3-deoxy-7-phosphoheptulonate synthase [EC:2.5.1.54]  DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37]
		mrcA; penicillin-binding protein 1A [EC:2.4.1.129 3.4.16.4]
		DHFR, folA; dihydrofolate reductase [EC:1.5.1.3]  DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]
		E2.7.7.24, rfbA, rffH; glucose–1–phosphate thymidylyltransferase [EC:2.7.7.24]
		rfbC, rmlC; dTDP-4-dehydrorhamnose 3,5-epimerase [EC:5.1.3.13] murM; serine/alanine adding enzyme [EC:2.3.2.10]
		foID; methylenetetrahydrofolate dehydrogenase (NADP+) / methenyltetrahydrofolate cyclohydrolase [EC:1.5.1.5 3.5.4.9]
		DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]  DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]
		phnP; phosphoribosyl 1,2–cyclic phosphate phosphodiesterase [EC:3.1.4.55]
		DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]  queD, ptpS, PTS; 6–pyruvoyltetrahydropterin/6–carboxytetrahydropterin synthase [EC:4.2.3.12 4.1.2.50]
		metK; S-adenosylmethionine synthetase [EC:2.5.1.6]
		HEXA_B; hexosaminidase [EC:3.2.1.52]  queC; 7-cyano-7-deazaguanine synthase [EC:6.3.4.20]
		DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]
		ubiE; demethylmenaquinone methyltransferase / 2-methoxy-6-polyprenyl-1,4-benzoquinol methylase [EC:2.1.1.163 2.1.1.201]  DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37]
		DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]
		DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]  DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]
		cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10]
		mec; [CysO sulfur-carrier protein]–S–L-cysteine hydrolase [EC:3.13.1.6] cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10]
		cysH; phosphoadenosine phosphosuitate reductase [EC:1.8.4.8 1.8.4.10]  GCH1, folE; GTP cyclohydrolase IA [EC:3.5.4.16]
		pgl; 6–phosphogluconolactonase [EC:3.1.1.31]  DHFR, folA; dihydrofolate reductase [EC:1.5.1.3]
		pycA; pyruvate carboxylase subunit A [EC:6.4.1.1]
		DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37] vanY; zinc D–Ala carboxypeptidase [EC:3.4.17.14]
		DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]
		metK; S-adenosylmethionine synthetase [EC:2.5.1.6] phnP; phosphoribosyl 1,2-cyclic phosphate phosphodiesterase [EC:3.1.4.55]
		pnnP; pnospnoribosyl 1,2-cyclic pnospnate pnospnodiesterase [EC:3.1.4.55]  K23144; UDP-N-acetylglucosamine diphosphorylase / glucose-1-phosphate thymidylyltransferase / UDP-N-acetylgalactosamine diphosphorylase /
		queD, ptpS, PTS; 6–pyruvoyltetrahydropterin/6–carboxytetrahydropterin synthase [EC:4.2.3.12 4.1.2.50]
		argD; acetylornithine/N–succinyldiaminopimelate aminotransferase [EC:2.6.1.11 2.6.1.17]  DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]
		dcyD; D-cysteine desulfhydrase [EC:4.4.1.15]
		folD; methylenetetrahydrofolate dehydrogenase (NADP+) / methenyltetrahydrofolate cyclohydrolase [EC:1.5.1.5 3.5.4.9]  DNMT1, dcm; DNA (cytosine–5)—methyltransferase 1 [EC:2.1.1.37]
		phnP; phosphoribosyl 1,2–cyclic phosphate phosphodiesterase [EC:3.1.4.55]
		moeB; molybdopterin-synthase adenylyltransferase [EC:2.7.7.80] moeB; molybdopterin-synthase adenylyltransferase [EC:2.7.7.80]
		queD, ptpS, PTS; 6-pyruvoyltetrahydropterin/6-carboxytetrahydropterin synthase [EC:4.2.3.12 4.1.2.50]
		DHFR, folA; dihydrofolate reductase [EC:1.5.1.3] GCH1, folE; GTP cyclohydrolase IA [EC:3.5.4.16]
		DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]
		folE2; GTP cyclohydrolase IB [EC:3.5.4.16] ahbD; heme synthase
		DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]
		E1.1.1.65; pyridoxine 4–dehydrogenase [EC:1.1.1.65]
		moaA, CNX2; GTP 3',8–cyclase [EC:4.1.99.22]  phnP; phosphoribosyl 1,2–cyclic phosphate phosphodiesterase [EC:3.1.4.55]
		DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]
		nadE; NAD+ synthase [EC:6.3.1.5]  murA; UDP-N-acetylglucosamine 1-carboxyvinyltransferase [EC:2.5.1.7]
		nicF; maleamate amidohydrolase [EC:3.5.1.107]
		K23144; UDP-N-acetylglucosamine diphosphorylase / glucose-1-phosphate thymidylyltransferase / UDP-N-acetylgalactosamine diphosphorylase / metK; S-adenosylmethionine synthetase [EC:2.5.1.6]
		DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]
		DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]  DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37]
		nadE; NAD+ synthase [EC:6.3.1.5]
		pncB, NAPRT1; nicotinate phosphoribosyltransferase [EC:6.3.4.21] plsC; 1-acyl-sn-glycerol-3-phosphate acyltransferase [EC:2.3.1.51]
		pncA; nicotinamidase/pyrazinamidase [EC:3.5.1.19 3.5.1.–]
		DNMT1, dcm; DNA (cytosine–5)–methyltransferase 1 [EC:2.1.1.37] pncA; nicotinamidase/pyrazinamidase [EC:3.5.1.19 3.5.1.–]
		nadD; nicotinate–nucleotide adenylyltransferase [EC:2.7.7.18]
		DHFR, folA; dihydrofolate reductase [EC:1.5.1.3]
		glmS, GFPT; glutamine——fructose–6–phosphate transaminase (isomerizing) [EC:2.6.1.16]  cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10]
		cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10]
		cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10]  cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10]
Rest	Climbing	Bacc