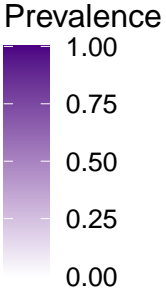


Protein Prevalence Heatmap Across Timepoints (Annotation+ProteinID) 5 /5

Functional Annotation

| | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|
| pncA; nicotinamidase/pyrazinamidase [EC:3.5.1.19 3.5.1.-] (E100081114_L01_140_1.fq.gz_ctg30884_144) | | | | | | | | | | |
| nadE; NAD+ synthase [EC:6.3.1.5] (E100081114_L01_140_1.fq.gz_ctg30884_113) | | | | | | | | | | |
| nadD; nicotinate--nucleotide adenyllyltransferase [EC:2.7.7.18] (E100081114_L01_140_1.fq.gz_ctg30884_130) | | | | | | | | | | |
| kdoH2; 3--deoxy--D--manno--octulosonic acid--hydrolase (E100081120_L01_144_1.fq.gz_ctg183874_52) | | | | | | | | | | |
| iscS, NFS1; cysteine desulfurase [EC:2.8.1.7] (E100081120_L01_168_1.fq.gz_ctg229372_178) | | | | | | | | | | |
| folD; methylenetetrahydrofolate dehydrogenase (NADP+) / methenyltetrahydrofolate cyclohydrolase [EC:1.5.1.5 3.5.4.9] (E100081120_L01_178_1....) | | | | | | | | | | |
| cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10] (E100081120_L01_161_1.fq.gz_ctg150885_17) | | | | | | | | | | |
| cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10] (E100081120_L01_153_1.fq.gz_ctg45866)provirus_50575_83723_46) | | | | | | | | | | |
| cd, ma, npIT; cyclomaltodextrinase / maltogenic alpha--amylase / neopullulanase [EC:3.2.1.54 3.2.1.133 3.2.1.135] (E100081120_L01_148_1.fq.g... | | | | | | | | | | |
| DNMT1, dcm; DNA (cytosine--5)--methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_148_1.fq.gz_ctg247312_20) | | | | | | | | | | |
| dxs; 1--deoxy--D--xylulose--5--phosphate synthase [EC:2.2.1.7] (FP400003218_L01_141_1.fq.gz_ctg101663_1) | | | | | | | | | | |
| phnP; phosphoribosyl 1,2--cyclic phosphate phosphodiesterase [EC:3.1.4.55] (E100081120_L01_146_1.fq.gz_ctg19497)provirus_77159_117654_17) | | | | | | | | | | |
| metK; S--adenosylmethionine synthetase [EC:2.5.1.6] (E100081120_L01_240_1.fq.gz_ctg74212_22) | | | | | | | | | | |
| mec; [CysO sulfur--carrier protein]--S--L--cysteine hydrolase [EC:3.13.1.6] (FP400003218_L01_200_1.fq.gz_ctg88372_33) | | | | | | | | | | |
| mec; [CysO sulfur--carrier protein]--S--L--cysteine hydrolase [EC:3.13.1.6] (E100081120_L01_246_1.fq.gz_ctg254792)provirus_258_40999_45) | | | | | | | | | | |
| folD; methylenetetrahydrofolate dehydrogenase (NADP+) / methenyltetrahydrofolate cyclohydrolase [EC:1.5.1.5 3.5.4.9] (E100081120_L01_139_1....) | | | | | | | | | | |
| folD; methylenetetrahydrofolate dehydrogenase (NADP+) / methenyltetrahydrofolate cyclohydrolase [EC:1.5.1.5 3.5.4.9] (E100081114_L01_228_1....) | | | | | | | | | | |
| cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10] (FP400003218_L01_162_1.fq.gz_ctg70393)provirus_50346_90970_35) | | | | | | | | | | |
| cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10] (E100081120_L01_246_1.fq.gz_ctg179300_41) | | | | | | | | | | |
| cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10] (E100081114_L01_228_1.fq.gz_ctg123785_89) | | | | | | | | | | |
| cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10] (E100081114_L01_228_1.fq.gz_ctg123785_86) | | | | | | | | | | |
| cooS, acsA; anaerobic carbon--monoxide dehydrogenase catalytic subunit [EC:1.2.7.4] (FP400003218_L01_179_1.fq.gz_ctg71365_1) | | | | | | | | | | |
| cobS; cobaltochelataase CobS [EC:6.6.1.2] (DQML5200--240522--03B--1_1.fq.gz_ctg153349_20) | | | | | | | | | | |
| DNMT3A; DNA (cytosine--5)--methyltransferase 3A [EC:2.1.1.37] (E100081120_L01_229_1.fq.gz_ctg72385_6) | | | | | | | | | | |
| DNMT3A; DNA (cytosine--5)--methyltransferase 3A [EC:2.1.1.37] (E100081120_L01_229_1.fq.gz_ctg72385_5) | | | | | | | | | | |
| DNMT3A; DNA (cytosine--5)--methyltransferase 3A [EC:2.1.1.37] (E100081114_L01_228_1.fq.gz_ctg17534_14) | | | | | | | | | | |
| DNMT1, dcm; DNA (cytosine--5)--methyltransferase 1 [EC:2.1.1.37] (FP400003218_L01_162_1.fq.gz_ctg5199)provirus_7625_58782_12) | | | | | | | | | | |
| DNMT1, dcm; DNA (cytosine--5)--methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_158_1.fq.gz_ctg42512)provirus_11083_72917_51) | | | | | | | | | | |
| DNMT1, dcm; DNA (cytosine--5)--methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_158_1.fq.gz_ctg42512)provirus_11083_72917_50) | | | | | | | | | | |
| DNMT1, dcm; DNA (cytosine--5)--methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_146_1.fq.gz_ctg168955)provirus_2_42182_56) | | | | | | | | | | |
| purA, ADSS; adenylosuccinate synthase [EC:6.3.4.4] (E100081120_L01_194_1.fq.gz_ctg295644_100) | | | | | | | | | | |
| pncA; nicotinamidase/pyrazinamidase [EC:3.5.1.19 3.5.1.-] (E100081120_L01_194_1.fq.gz_ctg295644_105) | | | | | | | | | | |
| nadE; NAD+ synthase [EC:6.3.1.5] (E100081120_L01_194_1.fq.gz_ctg295644_102) | | | | | | | | | | |
| mgsA; methylglyoxal synthase [EC:4.2.3.3] (E100081120_L01_194_1.fq.gz_ctg295644_81) | | | | | | | | | | |
| mec; [CysO sulfur--carrier protein]--S--L--cysteine hydrolase [EC:3.13.1.6] (E100081114_L01_142_1.fq.gz_ctg127461_18) | | | | | | | | | | |
| cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10] (E100081114_L01_199_1.fq.gz_ctg75735_19) | | | | | | | | | | |
| cobS; cobaltochelataase CobS [EC:6.6.1.2] (DQML3800--240416--07B--1_1.fq.gz_ctg190450_84) | | | | | | | | | | |
| NAMPT; nicotinamide phosphoribosyltransferase [EC:2.4.2.12] (E100081120_L01_194_1.fq.gz_ctg295644_104) | | | | | | | | | | |
| DNMT1, dcm; DNA (cytosine--5)--methyltransferase 1 [EC:2.1.1.37] (E100081114_L01_211_1.fq.gz_ctg188535_52) | | | | | | | | | | |
| phnP; phosphoribosyl 1,2--cyclic phosphate phosphodiesterase [EC:3.1.4.55] (E100081114_L01_143_1.fq.gz_ctg196266_67) | | | | | | | | | | |
| DNMT1, dcm; DNA (cytosine--5)--methyltransferase 1 [EC:2.1.1.37] (DQML6500--240426--09B--1_1.fq.gz_ctg101147_3) | | | | | | | | | | |
| purA, ADSS; adenylosuccinate synthase [EC:6.3.4.4] (E100081120_L01_168_1.fq.gz_ctg229372_144) | | | | | | | | | | |
| lacZ; beta--galactosidase [EC:3.2.1.23] (E100081114_L01_215_1.fq.gz_ctg822)provirus_3_47886_12) | | | | | | | | | | |
| iscS, NFS1; cysteine desulfurase [EC:2.8.1.7] (E100081120_L01_168_1.fq.gz_ctg229372_179) | | | | | | | | | | |
| dxs; 1--deoxy--D--xylulose--5--phosphate synthase [EC:2.2.1.7] (E100081120_L01_200_1.fq.gz_ctg55996)provirus_9018_45078_46) | | | | | | | | | | |
| cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10] (E100081114_L01_247_1.fq.gz_ctg8164)full_12) | | | | | | | | | | |
| cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10] (E100081114_L01_247_1.fq.gz_ctg216564)provirus_20277_45118_1) | | | | | | | | | | |
| DNMT1, dcm; DNA (cytosine--5)--methyltransferase 1 [EC:2.1.1.37] (DQML5200--240511--03B--1_1.fq.gz_ctg155198_37) | | | | | | | | | | |
| queE; 7--carboxy--7--deazaguanine synthase [EC:4.3.99.3] (E100081120_L01_235_1.fq.gz_ctg157544_104) | | | | | | | | | | |
| queD, ptpS, PTS; 6--pyruvoyltetrahydropterin/6--carboxytetrahydropterin synthase [EC:4.2.3.12 4.1.2.50] (E100081120_L01_235_1.fq.gz_ctg157544... | | | | | | | | | | |
| phnP; phosphoribosyl 1,2--cyclic phosphate phosphodiesterase [EC:3.1.4.55] (DQML5200--240522--01B--1_1.fq.gz_ctg78160_16) | | | | | | | | | | |
| DNMT1, dcm; DNA (cytosine--5)--methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_158_1.fq.gz_ctg93110)provirus_49283_90664_26) | | | | | | | | | | |
| ACSL, fadD; long--chain acyl--CoA synthetase [EC:6.2.1.3] (E100081120_L01_146_1.fq.gz_ctg19497)provirus_77159_117654_1) | | | | | | | | | | |
| pncA; nicotinamidase/pyrazinamidase [EC:3.5.1.19 3.5.1.-] (E100081120_L01_201_1.fq.gz_ctg34074_81) | | | | | | | | | | |
| queE; 7--carboxy--7--deazaguanine synthase [EC:4.3.99.3] (E100081114_L01_209_1.fq.gz_ctg141259_23) | | | | | | | | | | |
| queD, ptpS, PTS; 6--pyruvoyltetrahydropterin/6--carboxytetrahydropterin synthase [EC:4.2.3.12 4.1.2.50] (E100081114_L01_209_1.fq.gz_ctg141259... | | | | | | | | | | |
| queC; 7--cyano--7--deazaguanine synthase [EC:6.3.4.20] (E100081114_L01_209_1.fq.gz_ctg141259_30) | | | | | | | | | | |
| pepD; dipeptidase D [EC:3.4.13.-] (E100081120_L01_194_1.fq.gz_ctg53596_148) | | | | | | | | | | |
| cobT; cobaltochelataase CobT [EC:6.6.1.2] (E100081114_L01_209_1.fq.gz_ctg141259_43) | | | | | | | | | | |
| cobS; cobaltochelataase CobS [EC:6.6.1.2] (DQML3800--240416--01B--1_1.fq.gz_ctg123353_45) | | | | | | | | | | |
| GCH1, folE; GTP cyclohydrolase IA [EC:3.5.4.16] (E100081114_L01_209_1.fq.gz_ctg141259_5) | | | | | | | | | | |
| DNMT1, dcm; DNA (cytosine--5)--methyltransferase 1 [EC:2.1.1.37] (DQML3800--240416--07B--1_1.fq.gz_ctg108065)provirus_32650_86961_4) | | | | | | | | | | |
| DNMT1, dcm; DNA (cytosine--5)--methyltransferase 1 [EC:2.1.1.37] (DQML3800--240416--07B--1_1.fq.gz_ctg108065)provirus_32650_86961_32) | | | | | | | | | | |
| phnP; phosphoribosyl 1,2--cyclic phosphate phosphodiesterase [EC:3.1.4.55] (DQML5200--240522--03B--1_1.fq.gz_ctg2724_18) | | | | | | | | | | |
| moeB; molybdopterin--synthase adenyltyltransferase [EC:2.7.7.80] (E100081120_L01_146_1.fq.gz_ctg88569)provirus_155811_220681_6) | | | | | | | | | | |
| metK; S--adenosylmethionine synthetase [EC:2.5.1.6] (E100081120_L01_146_1.fq.gz_ctg88569)provirus_155811_220681_37) | | | | | | | | | | |
| cobS; cobaltochelataase CobS [EC:6.6.1.2] (E100081120_L01_146_1.fq.gz_ctg65146_82) | | | | | | | | | | |
| DNMT3A; DNA (cytosine--5)--methyltransferase 3A [EC:2.1.1.37] (DQML5200--240522--03B--1_1.fq.gz_ctg2724_99) | | | | | | | | | | |
| DNMT1, dcm; DNA (cytosine--5)--methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_146_1.fq.gz_ctg88569)provirus_155811_220681_39) | | | | | | | | | | |
| purA, ADSS; adenylosuccinate synthase [EC:6.3.4.4] (DQML3800--240416--01B--1_1.fq.gz_ctg307923_92) | | | | | | | | | | |
| cobS; cobaltochelataase CobS [EC:6.6.1.2] (DQML3800--240416--01B--1_1.fq.gz_ctg307923_94) | | | | | | | | | | |
| DNMT1, dcm; DNA (cytosine--5)--methyltransferase 1 [EC:2.1.1.37] (FP400003218_L01_140_1.fq.gz_ctg193148_2) | | | | | | | | | | |
| DNMT1, dcm; DNA (cytosine--5)--methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_192_1.fq.gz_ctg70876)provirus_2_36195_39) | | | | | | | | | | |
| mec; [CysO sulfur--carrier protein]--S--L--cysteine hydrolase [EC:3.13.1.6] (E100081114_L01_141_1.fq.gz_ctg130101_58) | | | | | | | | | | |
| DNMT1, dcm; DNA (cytosine--5)--methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_227_1.fq.gz_ctg283712)0_partial_16) | | | | | | | | | | |
| DNMT1, dcm; DNA (cytosine--5)--methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_233_1.fq.gz_ctg105837_89) | | | | | | | | | | |
| DNMT1, dcm; DNA (cytosine--5)--methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_233_1.fq.gz_ctg105837_87) | | | | | | | | | | |
| phnP; phosphoribosyl 1,2--cyclic phosphate phosphodiesterase [EC:3.1.4.55] (DQML0000--240606--04B--1_1.fq.gz_ctg162807)provirus_346_54123_57) | | | | | | | | | | |
| queC; 7--cyano--7--deazaguanine synthase [EC:6.3.4.20] (E100081114_L01_225_1.fq.gz_ctg55036_24) | | | | | | | | | | |
| cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10] (DQML6500--240426--03B--1_1.fq.gz_ctg160747_47) | | | | | | | | | | |
| phnP; phosphoribosyl 1,2--cyclic phosphate phosphodiesterase [EC:3.1.4.55] (E100081114_L01_247_1.fq.gz_ctg178878_20) | | | | | | | | | | |
| cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10] (E100081114_L01_247_1.fq.gz_ctg178878_1) | | | | | | | | | | |
| DNMT1, dcm; DNA (cytosine--5)--methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_201_1.fq.gz_ctg216091_44) | | | | | | | | | | |
| ispD; 2--C--methyl--D--erythritol 4--phosphate cytidyllyltransferase [EC:2.7.7.60] (E100081114_L01_225_1.fq.gz_ctg55036_7) | | | | | | | | | | |



T1T2T3T4T5T6T7T8T9T10

Timepoint