

Protein Prevalence Heatmap Across Timepoints (Annotation+ProteinID) 3 /5

Functional Annotation

phnP; phosphoribosyl 1,2-cyclic phosphate phosphodiesterase [EC:3.1.4.55] (E100081120_L01_171_1.fq.gz_ctg13900_41)
cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10] (E100081120_L01_171_1.fq.gz_ctg13900_2)
DNMT3A; DNA (cytosine-5)-methyltransferase 3A [EC:2.1.1.37] (E100081120_L01_146_1.fq.gz_ctg54817_26)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_165_1.fq.gz_ctg176796_42)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081114_L01_225_1.fq.gz_ctg50627|provirus_843_40784_23)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081114_L01_225_1.fq.gz_ctg23047_34)
iscS, NFS1; cysteine desulfurase [EC:2.8.1.7] (DQML5200-240504-02B-1_1.fq.gz_ctg131147_44)
cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10] (DQML5200-240504-02B-1_1.fq.gz_ctg16481|provirus_25954_89774_48)
DNMT3A; DNA (cytosine-5)-methyltransferase 3A [EC:2.1.1.37] (E100081120_L01_168_1.fq.gz_ctg277994_29)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_235_1.fq.gz_ctg39664|provirus_30196_88200_2)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_148_1.fq.gz_ctg48202|provirus_54433_107980_57)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081114_L01_247_1.fq.gz_ctg67755|provirus_11825_56823_60)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081114_L01_247_1.fq.gz_ctg67755|provirus_11825_56823_58)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (DQML5200-240504-02B-1_1.fq.gz_ctg131147_98)
kdsD, kpsF; arabinose-5-phosphate isomerase [EC:5.3.1.13] (E100081114_L01_247_1.fq.gz_ctg22694)|full_336)
kdsC; 3-deoxy-D-manno-octulosonate 8-phosphate phosphatase (KDO 8-P phosphatase) [EC:3.1.3.45] (E100081114_L01_247_1.fq.gz_ctg22694)|full_3...
K13522, nadM; bifunctional NMN adenyllyltransferase/nudix hydrolase [EC:2.7.7.1 3.6.1.-] (E100081114_L01_247_1.fq.gz_ctg22694)|full_228)
AROA1, aroA; chorismate mutase [EC:5.4.99.5] (E100081114_L01_247_1.fq.gz_ctg22694)|full_317)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_164_1.fq.gz_ctg51619_8)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_140_1.fq.gz_ctg219952_13)
thiF; sulfur carrier protein ThiS adenyllyltransferase [EC:2.7.7.73] (E100081114_L01_202_1.fq.gz_ctg47211_44)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_240_1.fq.gz_ctg180198_15)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (DQML5800-240423-02B-1_1.fq.gz_ctg13810|provirus_13092_56190_18)
queC; 7-cyano-7-deazaguanine synthase [EC:6.3.4.20] (DQML5200-240522-03B-1_1.fq.gz_ctg151736_59)
GCH1, folE; GTP cyclohydrolase IA [EC:3.5.4.16] (DQML5200-240522-03B-1_1.fq.gz_ctg151736_67)
pncA; nicotinamidase/pyrazinamidase [EC:3.5.1.19 3.5.1.-] (DQML5800-240423-11B-1_1.fq.gz_ctg111993|provirus_114809_244618_102)
NAMPT; nicotinamide phosphoribosyltransferase [EC:2.4.2.12] (DQML5800-240423-11B-1_1.fq.gz_ctg111993|provirus_114809_244618_104)
nadE; NAD+ synthase [EC:6.3.1.5] (DQML6500-240426-09B-1_1.fq.gz_ctg223797_145)
nadE; NAD+ synthase [EC:6.3.1.5] (DQML5200-240504-02B-1_1.fq.gz_ctg24107_40)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081114_L01_247_1.fq.gz_ctg212666_35)
cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10] (DQML5800-240423-02B-1_1.fq.gz_ctg13810|provirus_13092_56190_57)
DNMT3A; DNA (cytosine-5)-methyltransferase 3A [EC:2.1.1.37] (E100081120_L01_146_1.fq.gz_ctg29429|provirus_6497_115209_61)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081114_L01_225_1.fq.gz_ctg76385_82)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081114_L01_215_1.fq.gz_ctg46688_62)
plc; 1-phosphatidylinositol phosphodiesterase [EC:4.6.1.13] (DQML5200-240504-02B-1_1.fq.gz_ctg26856)|0_partial_10)
cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10] (E100081114_L01_247_1.fq.gz_ctg160750_121)
cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10] (DQML5200-240504-02B-1_1.fq.gz_ctg131147_17)
cobT; cobaltochelatase CobT [EC:6.6.1.2] (DQML5200-240504-01B-1_1.fq.gz_ctg200113_62)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (DQML5800-240423-11B-1_1.fq.gz_ctg27177|provirus_410_50261_27)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (DQML5800-240423-11B-1_1.fq.gz_ctg111993|provirus_114809_244618_94)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (DQML5800-240423-11B-1_1.fq.gz_ctg111993|provirus_114809_244618_89)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (DQML5200-240504-02B-1_1.fq.gz_ctg26856)|0_partial_21)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (DQML5200-240504-02B-1_1.fq.gz_ctg26856)|0_partial_20)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (DQML5800-240423-11B-1_1.fq.gz_ctg82244_268)
DNMT3A; DNA (cytosine-5)-methyltransferase 3A [EC:2.1.1.37] (E100081120_L01_140_1.fq.gz_ctg43816|provirus_3_35324_10)
glyA, SHMT; glycine hydroxymethyltransferase [EC:2.1.2.1] (E100081120_L01_194_1.fq.gz_ctg109127_14)
serC, PSAT1; phosphoserine aminotransferase [EC:2.6.1.52] (DQML3650-240411-06B-1_1.fq.gz_ctg144929_46)
phnP; phosphoribosyl 1,2-cyclic phosphate phosphodiesterase [EC:3.1.4.55] (DQML3800-240416-01B-1_1.fq.gz_ctg73872|provirus_95340_145502_77)
cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10] (DQML5200-240504-01B-1_1.fq.gz_ctg60130_19)
cobS; cobaltochelatase CobS [EC:6.6.1.2] (DQML5200-240504-01B-1_1.fq.gz_ctg200113_61)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_235_1.fq.gz_ctg15208_13)
DHFR, folA; dihydrofolate reductase [EC:1.5.1.3] (DQML5200-240504-01B-1_1.fq.gz_ctg200113_30)
ubiG; 2-polyprenyl-6-hydroxyphenyl methylase / 3-demethylubiquinone-9 3-methyltransferase [EC:2.1.1.222 2.1.1.64] (DQML3800-240416-07B-1_1_1....
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_242_1.fq.gz_ctg53179|provirus_1_30906_7)
phnP; phosphoribosyl 1,2-cyclic phosphate phosphodiesterase [EC:3.1.4.55] (E100081114_L01_211_1.fq.gz_ctg44094_71)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081114_L01_211_1.fq.gz_ctg44094_90)
metK; S-adenosylmethionine synthetase [EC:2.5.1.6] (E100081120_L01_225_1.fq.gz_ctg33616|provirus_2_25616_13)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_225_1.fq.gz_ctg33616|provirus_2_25616_11)
DNMT3A; DNA (cytosine-5)-methyltransferase 3A [EC:2.1.1.37] (E100081120_L01_146_1.fq.gz_ctg54817_25)
GCH1, folE; GTP cyclohydrolase IA [EC:3.5.4.16] (FP400003218_L01_204_1.fq.gz_ctg199116|provirus_4302_41268_52)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (DQML5800-240423-11B-1_1.fq.gz_ctg111993|provirus_114809_244618_90)
GCH1, folE; GTP cyclohydrolase IA [EC:3.5.4.16] (E100081120_L01_181_1.fq.gz_ctg158665_85)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_200_1.fq.gz_ctg66221|provirus_1_28012_18)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (DQML3650-240411-06B-1_1.fq.gz_ctg88193|provirus_1_109276_120)
phnP; phosphoribosyl 1,2-cyclic phosphate phosphodiesterase [EC:3.1.4.55] (DQML3800-240416-01B-1_1.fq.gz_ctg8925|provirus_116015_165290_47)
DNMT3A; DNA (cytosine-5)-methyltransferase 3A [EC:2.1.1.37] (E100081120_L01_181_1.fq.gz_ctg82244_17)
DNMT3A; DNA (cytosine-5)-methyltransferase 3A [EC:2.1.1.37] (DQML3800-240416-01B-1_1.fq.gz_ctg8925|provirus_116015_165290_40)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (DQML5200-240504-01B-1_1.fq.gz_ctg60130_10)
glyA, SHMT; glycine hydroxymethyltransferase [EC:2.1.2.1] (DQML5800-240428-04B-1_1.fq.gz_ctg189383|provirus_514_69956_10)
queE; 7-carboxy-7-deazaguanine synthase [EC:4.3.99.3] (E100081120_L01_181_1.fq.gz_ctg158665_84)
queD, ptpS, PTS; 6-pyruvoyltetrahydropterin/6-carboxytetrahydropterin synthase [EC:4.2.3.12 4.1.2.50] (E100081120_L01_181_1.fq.gz_ctg158665...
queC; 7-cyano-7-deazaguanine synthase [EC:6.3.4.20] (E100081120_L01_181_1.fq.gz_ctg158665_65)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081114_L01_247_1.fq.gz_ctg150168_15)
susB; glucan 1,4-alpha-glucosidase [EC:3.2.1.3] (E100081120_L01_158_1.fq.gz_ctg132637)|full_3)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_233_1.fq.gz_ctg20104|provirus_26757_62029_15)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (DQML5200-240522-02B-1_1.fq.gz_ctg1467_36)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081120_L01_226_1.fq.gz_ctg14459)|full_22)
pncA; nicotinamidase/pyrazinamidase [EC:3.5.1.19 3.5.1.-] (E100081114_L01_207_1.fq.gz_ctg124469_28)
nadE; NAD+ synthase [EC:6.3.1.5] (E100081114_L01_207_1.fq.gz_ctg124469_26)
cobT; cobaltochelatase CobT [EC:6.6.1.2] (E100081114_L01_207_1.fq.gz_ctg124469_173)
DNMT1, dcm; DNA (cytosine-5)-methyltransferase 1 [EC:2.1.1.37] (E100081114_L01_215_1.fq.gz_ctg144658)|full_181)
mec; [CysO sulfur-carrier protein]-S-L-cysteine hydrolase [EC:3.13.1.6] (DQML3650-240411-06B-1_1.fq.gz_ctg15466|provirus_55805_107583_12)
cysH; phosphoadenosine phosphosulfate reductase [EC:1.8.4.8 1.8.4.10] (E100081114_L01_231_1.fq.gz_ctg38839_16)

