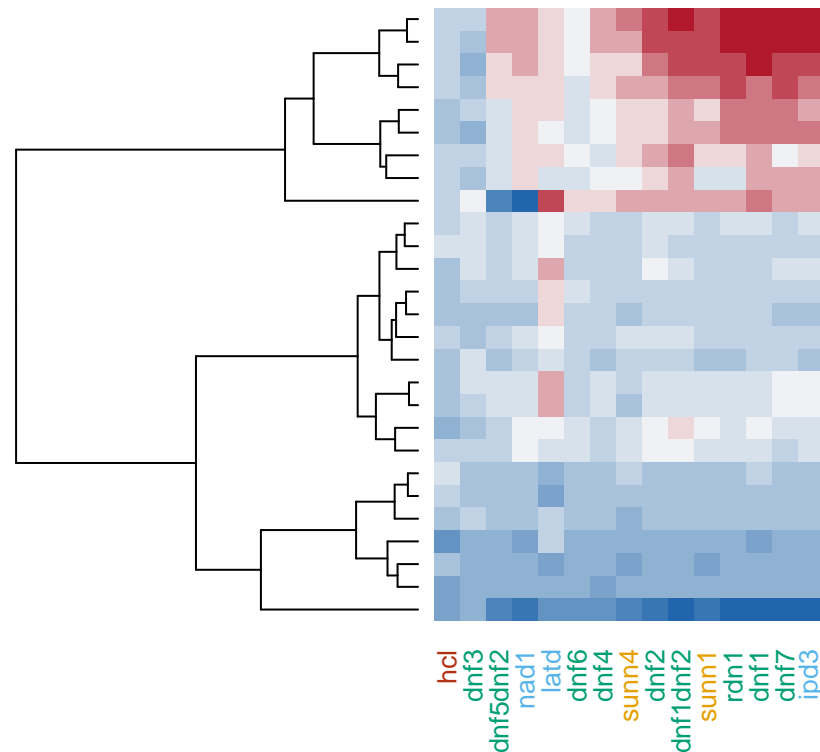
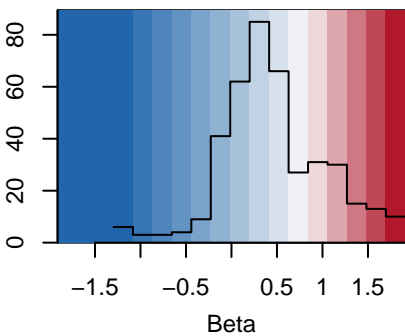


CD030\_RS15555:cobN, cobaltochelatase subunit CobN; protein\_id=WP\_010969478.1  
 CD030\_RS04135:MBL fold metallo-hydrolase; protein\_id=WP\_015445556  
 CD030\_RS16380:recA, recombinase RecA; protein\_id=WP\_010969478.1  
 CD030\_RS02085:pdx4, 4-hydroxythreonine-4-phosphate dehydrogenase  
 CD030\_RS17140:molybdopterin molybdotransferase MoeA; protein\_id=WP\_010969478.1  
 CD030\_RS16270:ABC transporter ATP-binding protein/permease; protein\_id=WP\_010969478.1  
 CD030\_RS16285:cytochrome c1; protein\_id=WP\_010969491.1  
 CD030\_RS05195:mscl, large conductance mechanosensitive channel protein  
 CD030\_RS03830:GGDEF domain-containing phosphodiesterase; protein\_id=WP\_010969478.1  
 CD030\_RS04545:flhA, flagellar biosynthesis protein FlhA; protein\_id=WP\_010969478.1  
 CD030\_RS02865:HAMP domain-containing histidine kinase; protein\_id=WP\_010969478.1  
 CD030\_RS05080:SDR family NAD(P)-dependent oxidoreductase (pseudogen)  
 CD030\_RS01435:NADH ubiquinone oxidoreductase; protein\_id=WP\_010969478.1  
 CD030\_RS05200:hybrid sensor histidine kinase/response regulator; protein\_id=WP\_010969478.1  
 CD030\_RS04360:PAS domain S-box protein; protein\_id=WP\_010968771.1  
 CD030\_RS16895:BCC1 family transporter; protein\_id=WP\_010969412.1  
 CD030\_RS16125:LTA synthase family protein; protein\_id=WP\_003534093  
 CD030\_RS16025:OmpA family protein; protein\_id=WP\_041170153.1  
 CD030\_RS10040:translocation/assembly module TamB; protein\_id=WP\_010968430.1  
 CD030\_RS06970:TonB-dependent receptor; protein\_id=WP\_010968430.1  
 CD030\_RS06860:MFS transporter; protein\_id=WP\_010968432.1  
 CD030\_RS16855:hypothetical protein; protein\_id=WP\_015445603.1  
 CD030\_RS12270:glutamine synthetase family protein; protein\_id=WP\_013445603.1  
 CD030\_RS07655:sarcosine oxidase subunit alpha; protein\_id=WP\_010968432.1  
 CD030\_RS08485:autoinducer binding domain-containing protein (pseudogen)  
 CD030\_RS05255:Rrf2 family transcriptional regulator; protein\_id=WP\_003534093  
 CD030\_RS00140:exbD, TonB system transport protein ExbD; protein\_id=WP\_010968432.1  
 CD030\_RS17535:winged helix-turn-helix domain-containing tetratricopeptide repeat domain-containing protein  
 CD030\_RS17200:mfd, transcription-repair coupling factor; protein\_id=WP\_010968432.1  
 CD030\_RS07660:sarcosine oxidase subunit gamma; protein\_id=WP\_010968432.1  
 CD030\_RS07610:hypothetical protein; protein\_id=WP\_013844967.1  
 CD030\_RS16580:purU, formyltetrahydrofolate deformylase; protein\_id=WP\_010968432.1  
 CD028\_RS1640:hypothetical protein; protein\_id=WP\_088195496.1  
 CD030\_RS06705:GIY-YIG nuclease family protein; protein\_id=WP\_010968432.1  
 CD030\_RS04400:XRE family transcriptional regulator; protein\_id=WP\_010968432.1  
 CD030\_RS00270:ABC family ABC transporter permease; protein\_id=WP\_010968432.1  
 CD030\_RS07580:purU, formyltetrahydrofolate deformylase; protein\_id=WP\_010968432.1  
 CD030\_RS11905:electron transfer flavoprotein subunit beta/FixA family protein  
 CD030\_RS06075:sppA, signal peptide peptidase SppA; protein\_id=WP\_010968432.1  
 CD030\_RS02435:rkp, UDP-glucose 6-dehydrogenase; protein\_id=WP\_010968432.1  
 CD030\_RS01280:dprA, DNA-processing protein DprA; protein\_id=WP\_010968432.1  
 CD030\_RS02735:PAS-domain containing protein; protein\_id=WP\_013844967.1  
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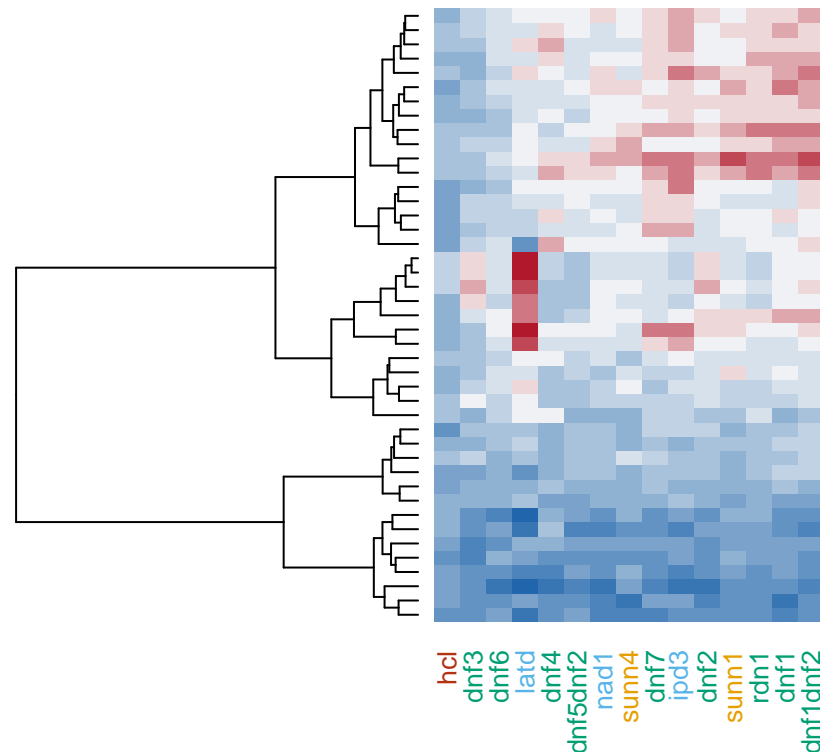
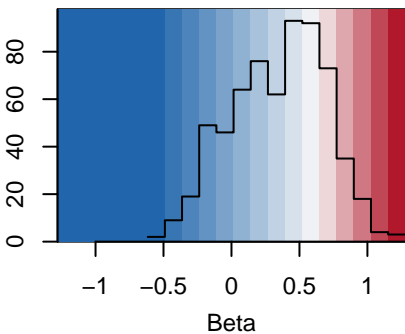
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CDO30\_RS23065:SGNH/GDSL hydrolase family protein; protein\_id=WP\_010968029.1  
 CDO30\_RS23155:MFS transporter; protein\_id=WP\_010968029.1  
 CDO30\_RS21460:malonyl-CoA synthase; protein\_id=WP\_010967081.1  
 CDO30\_RS23125:SDR family oxidoreductase (pseudogene)  
 CDO30\_RS18080:fixL, oxygen sensor histidine kinase FixL; protein\_id=WP\_010967081.1  
 CDO30\_RS21460:malonyl-CoA synthase; protein\_id=WP\_010967081.1  
 CDO30\_RS22325:hypothetical protein; protein\_id=WP\_041170015.1  
 CDO30\_RS19605:stc4, stachydrine N-demethylase reductase subunit Stc4

CDO30\_RS21375:PhzF family phenazine biosynthesis protein; protein\_id=WP\_010967097.1  
 CDO30\_RS21370:cold-shock protein; protein\_id=WP\_010967097.1  
 CDO30\_RS21490:S8 family serine peptidase; protein\_id=WP\_010967075.1  
 CDO30\_RS20205:type II toxin-antitoxin system ParD family antitoxin; protein\_id=WP\_010967075.1  
 CDO30\_RS20200:type II toxin-antitoxin system RelE/ParE family toxin; protein\_id=WP\_010967075.1  
 CDO30\_RS22335:site-specific integrase; protein\_id=WP\_010968163.1  
 CDO30\_RS21175:TRAP transporter small permease; protein\_id=WP\_010968163.1  
 CDO30\_RS21085:class I SAM-dependent methyltransferase; protein\_id=WP\_010968163.1  
 CDO30\_RS21100:DUF2200 domain-containing protein; protein\_id=WP\_010968163.1  
 CDO30\_RS19190:nodQ, bifunctional sulfate adenylyltransferase/adenylyl-sulfate lyase; protein\_id=WP\_010968222.1  
 CDO30\_RS22005:amidase; protein\_id=WP\_010968222.1  
 CDO30\_RS24215:CopG family transcriptional regulator (pseudogene)  
 CDO30\_RS24970:type II toxin-antitoxin system RelE/ParE family toxin; protein\_id=WP\_010968188.1  
 CDO30\_RS18965:traA, Ti-type conjugative transfer relaxase TraA; protein\_id=WP\_010968188.1  
 CDO30\_RS19555:ccoN, cytochrome-c oxidase%2C cbb3-type subunit I; protein\_id=WP\_010968188.1  
 CDO30\_RS19120:glmS, glutamine--fructose-6-phosphate transaminase (glutamine-6-phosphate transaminase); protein\_id=WP\_010968188.1  
 CDO30\_RS22190:aldo/keto reductase; protein\_id=WP\_010968188.1  
 CDO30\_RS22055:class I SAM-dependent methyltransferase; protein\_id=WP\_010968188.1

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CDO30\_RS27930:LysR family transcriptional regulator; protein\_id=WP\_010975483.1  
 CDO30\_RS25485:pyridoxamine 5'-phosphate oxidase family protein; protein\_id=WP\_010975483.1  
 CDO30\_RS28760:ligD, DNA ligase D; protein\_id=WP\_041170090.1  
 CDO30\_RS32910:LysR family transcriptional regulator; protein\_id=WP\_010975483.1  
 CDO30\_RS28675:hypothetical protein; protein\_id=WP\_010975483.1  
 CDO30\_RS31870:hypothetical protein (pseudogene)  
 CDO30\_RS28530:ABC transporter ATP-binding protein; protein\_id=WP\_010975483.1  
 CDO30\_RS27355:aspartate aminotransferase family protein; protein\_id=WP\_010975483.1  
 CDO30\_RS31555:MASE1 domain-containing protein; protein\_id=WP\_010975483.1  
 CDO30\_RS31425:xdhA, xanthine dehydrogenase small subunit; protein\_id=WP\_010975483.1  
 CDO30\_RS28530:ABC transporter ATP-binding protein; protein\_id=WP\_010975483.1  
 CDO30\_RS32685:four-carbon acid sugar kinase family protein; protein\_id=WP\_010975483.1  
 CDO30\_RS27310:ABC transporter ATP-binding protein; protein\_id=WP\_010975483.1  
 CDO30\_RS32445:hypothetical protein; protein\_id=WP\_088239368.1  
 CDO30\_RS25985:NAD(P)/FAD-dependent oxidoreductase; protein\_id=WP\_010975483.1  
 CDO30\_RS26680:zinc-binding dehydrogenase; protein\_id=WP\_010975483.1  
 CDO30\_RS30150:glycosyltransferase; protein\_id=WP\_010975739.1  
 CDO30\_RS27440:xanthine dehydrogenase family protein mylobdopterin-bi  
 CDO30\_RS27435:four-carbon acid sugar kinase family protein; protein\_id=WP\_010975483.1  
 CDO30\_RS27440:xanthine dehydrogenase family protein mylobdopterin-bi  
 CDO30\_RS27435:four-carbon acid sugar kinase family protein; protein\_id=WP\_010975483.1  
 CDO30\_RS27255:hypothetical protein; protein\_id=WP\_010975237.1  
 CDO30\_RS28740:pepT, peptidase T; protein\_id=WP\_041170089.1  
 CDO30\_RS28760:ligD, DNA ligase D; protein\_id=WP\_041170090.1  
 CDO30\_RS32015:sugar ABC transporter substrate-binding protein; protein\_id=WP\_010975382.1  
 CDO30\_RS28095:flavodoxin family protein; protein\_id=WP\_010975382.1  
 CDO30\_RS27095:sulfatase (pseudogene)  
 CDO30\_RS27440:xanthine dehydrogenase family protein mylobdopterin-bi  
 CDO30\_RS27210:sugar ABC transporter ATP-binding protein; protein\_id=WP\_010975382.1  
 CDO30\_RS26745:dihydridipicolinate synthase family protein; protein\_id=WP\_010975382.1  
 CDO30\_RS29535:ABC transporter substrate-binding protein; protein\_id=WP\_010975382.1  
 CDO30\_RS31845:glycoside hydrolase family 19 protein (pseudogene)  
 CDO30\_RS28095:flavodoxin family protein; protein\_id=WP\_010975382.1  
 CDO30\_RS32205:sugar ABC transporter permease; protein\_id=WP\_010975382.1  
 CDO30\_RS27870:LacI family DNA-binding transcriptional regulator; protein\_id=WP\_010975382.1  
 CDO30\_RS29490:mechanosensitive ion channel family protein; protein\_id=WP\_010975382.1  
 CDO30\_RS32445:hypothetical protein; protein\_id=WP\_088239368.1  
 CDO30\_RS29490:mechanosensitive ion channel family protein; protein\_id=WP\_010975382.1  
 CDO30\_RS27015:ABC transporter permease; protein\_id=WP\_010975382.1  
 CDO30\_RS29305:amino acid ABC transporter ATP-binding protein; protein\_id=WP\_010975382.1  
 CDO30\_RS34595:helix-turn-helix transcriptional regulator (pseudogene)  
 CDO30\_RS28005:araG, L-arabinose ABC transporter ATP-binding protein; protein\_id=WP\_010975382.1  
 CDO30\_RS26675:NAD-dependent epimerase/dehydratase family protein; protein\_id=WP\_010975382.1