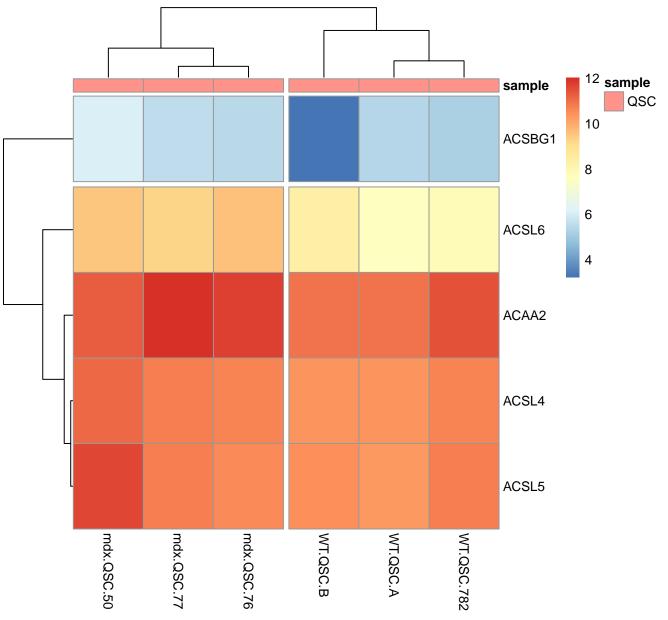
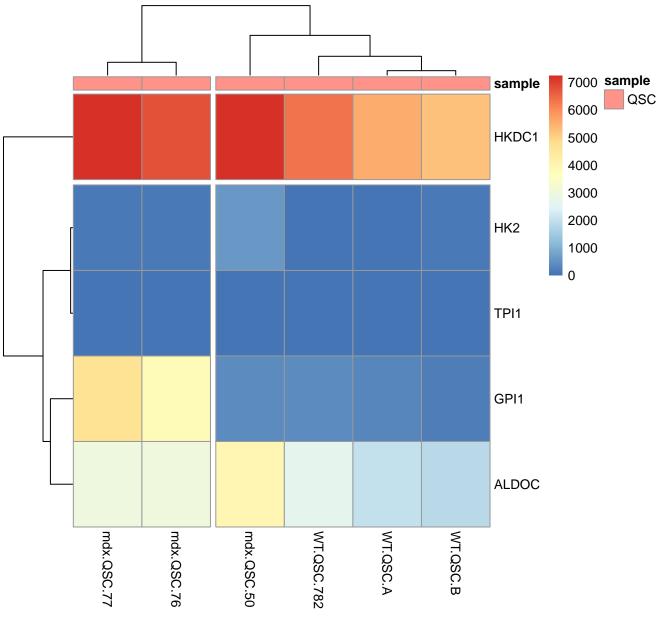
Expressed Matrix from Normalized for genes in MOUSECYC_MM_FAO-PWY_FATTY_ACID_BETA_OXIDATION_I $_{4000} \ \underline{\text{sample}}$ sample QSC 3000 ACSL6 2000 ACSBG1 1000 ACAA2 ACSL4 ACSL5 mdx.QSC.77 WT.QSC.782 mdx.QSC.50 WT.QSC.B

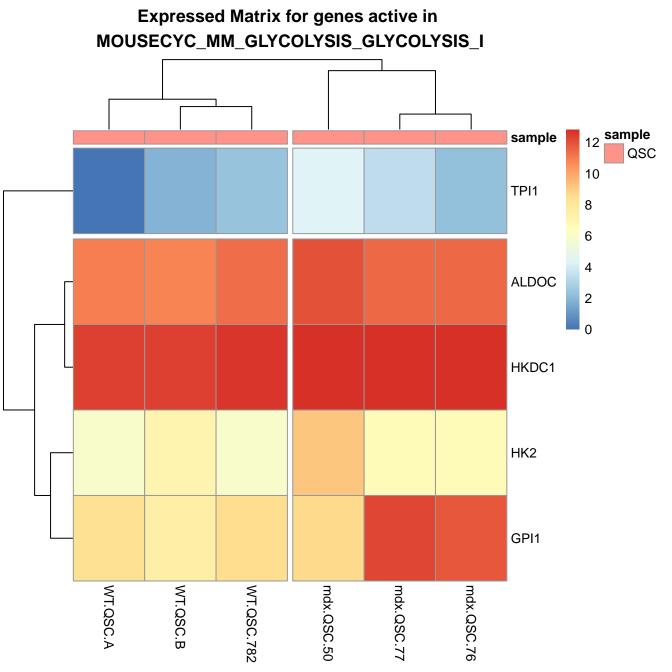
Expressed Matrix for genes active in MOUSECYC_MM_FAO-PWY_FATTY_ACID_BETA_OXIDATION_I



Scalling expressed matrix for genes active in MOUSECYC_MM_FAO-PWY_FATTY_ACID_BETA_OXIDATION_I sample sample QSC 1.5 1 ACAA2 0.5 0 -0.5ACSL6 -1 -1.5 ACSBG1 ACSL4 ACSL5 WT.QSC.B mdx.QSC.50 WT.QSC.A WT.QSC.782 mdx.QSC.77 mdx.QSC.76

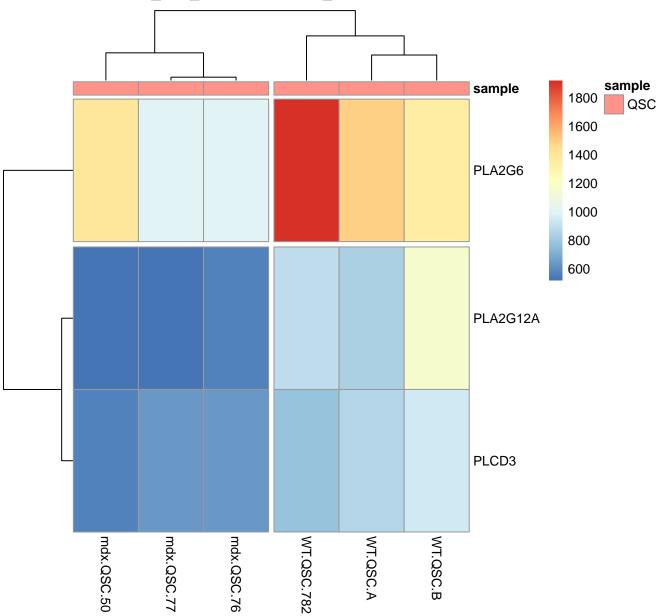
Expressed Matrix from Normalized for genes in MOUSECYC_MM_GLYCOLYSIS_GLYCOLYSIS_I





Scalling expressed matrix for genes active in MOUSECYC_MM_GLYCOLYSIS_GLYCOLYSIS_I 2 sample sample QSC 1.5 GPI1 1 0.5 0 -0.5 ALDOC -1 HKDC1 HK2 TPI1 mdx.QSC.50 mdx.QSC.77 mdx.QSC.76 WT.QSC.A WT.QSC.B WT.QSC.782

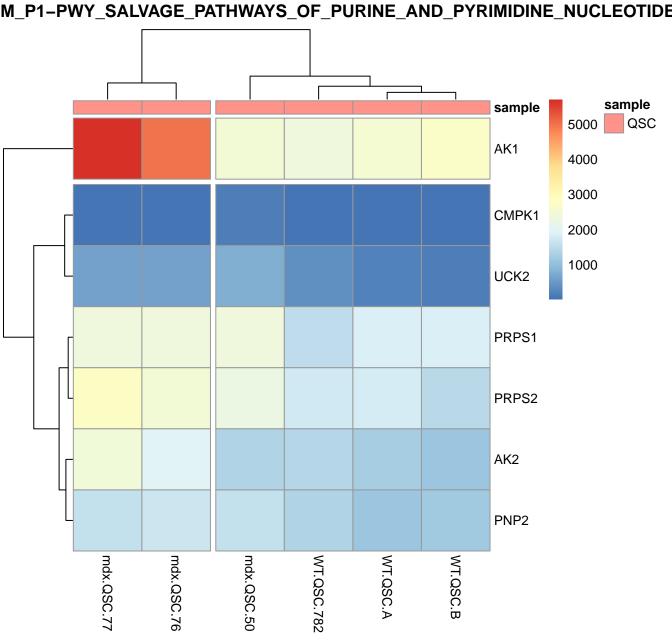
Expressed Matrix from Normalized for genes in MOUSECYC_MM_LIPASYN-PWY_PHOSPHOLIPASES



Expressed Matrix for genes active in MOUSECYC_MM_LIPASYN-PWY_PHOSPHOLIPASES sample sample QSC 10.5 PLA2G6 10 9.5 PLA2G12A PLCD3 mdx.QSC.50 WT.QSC.782 mdx.QSC.77 mdx.QSC.76 WT.QSC.B WT.QSC.A

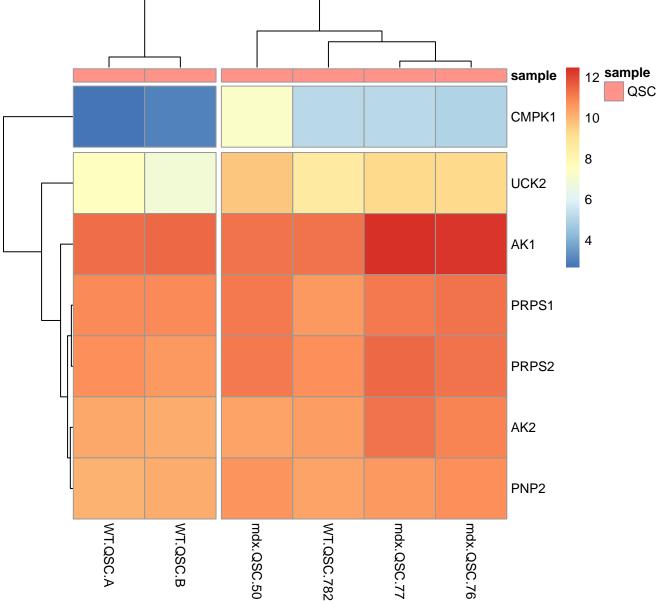
Scalling expressed matrix for genes active in MOUSECYC_MM_LIPASYN-PWY_PHOSPHOLIPASES sample sample 1.5 QSC 1 0.5 PLA2G6 0 -0.5PLA2G12A PLCD3 mdx.QSC.50 WT.QSC.B WT.QSC.A mdx.QSC.77 mdx.QSC.76 WT.QSC.782

Expressed Matrix from Normalized for genes in

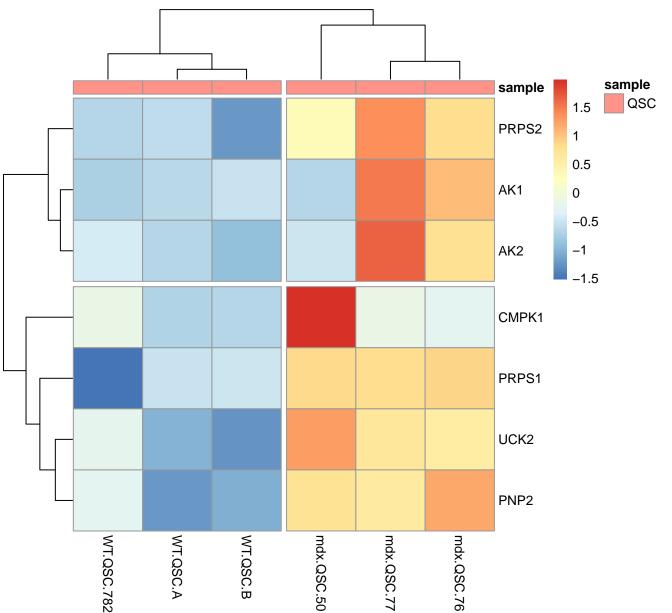


MM_P1-PWY_SALVAGE_PATHWAYS_OF_PURINE_AND_PYRIMIDINE_NUCLEOTID

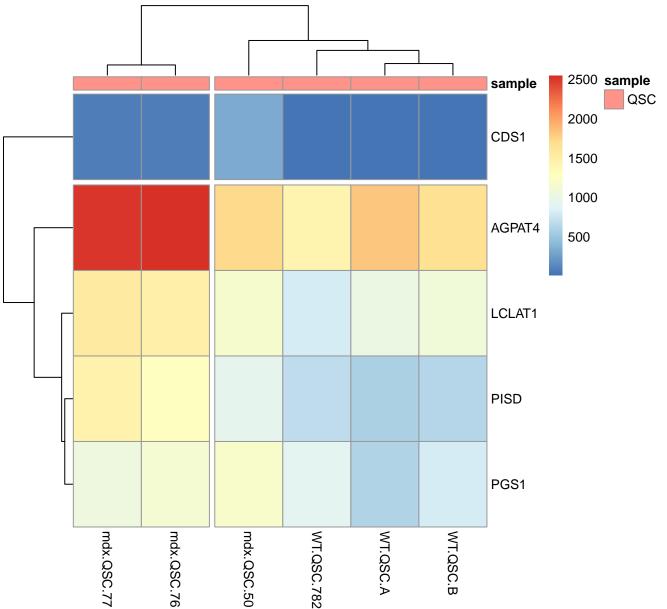
Expressed Matrix for genes active in



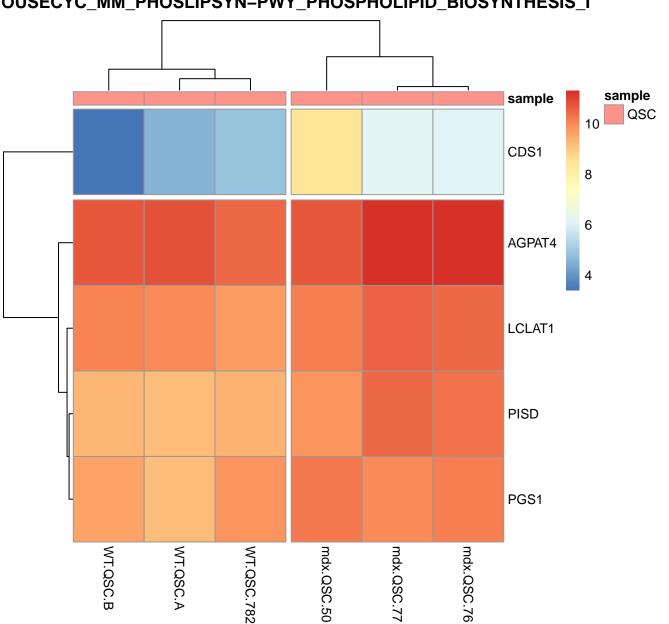
Scalling expressed matrix for genes active in IM_P1-PWY_SALVAGE_PATHWAYS_OF_PURINE_AND_PYRIMIDINE_NUCLEOTIDE



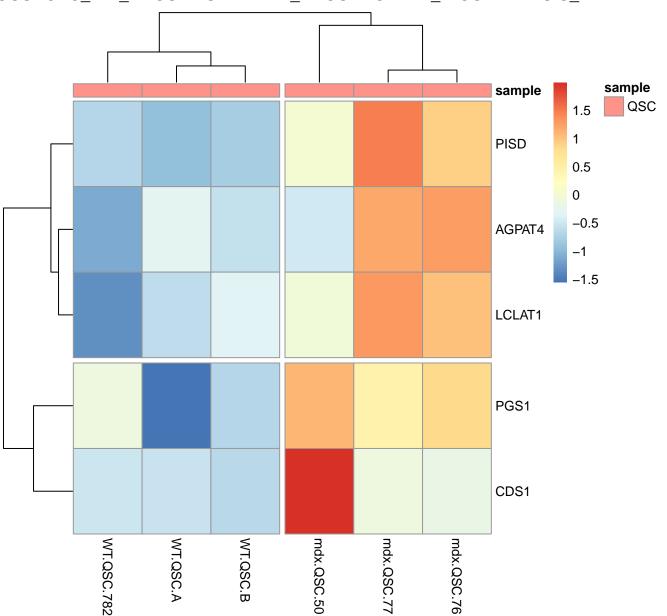
Expressed Matrix from Normalized for genes in DUSECYC_MM_PHOSLIPSYN-PWY_PHOSPHOLIPID_BIOSYNTHESIS_I



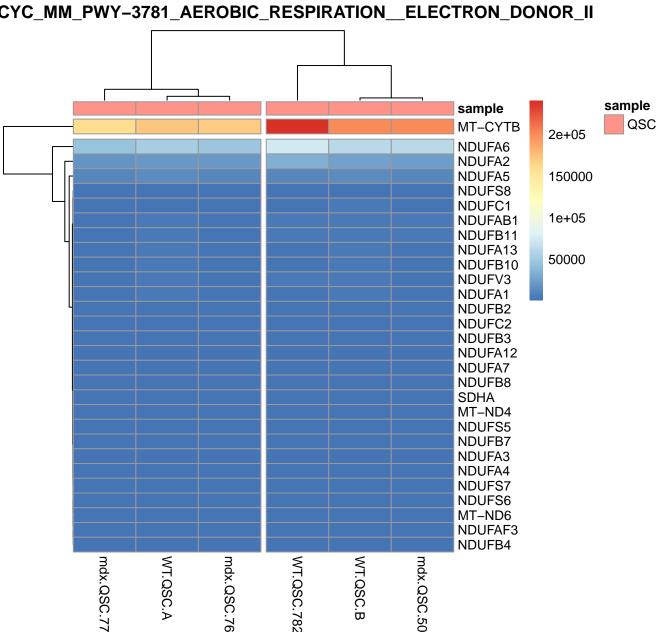
Expressed Matrix for genes active in OUSECYC_MM_PHOSLIPSYN-PWY_PHOSPHOLIPID_BIOSYNTHESIS_I



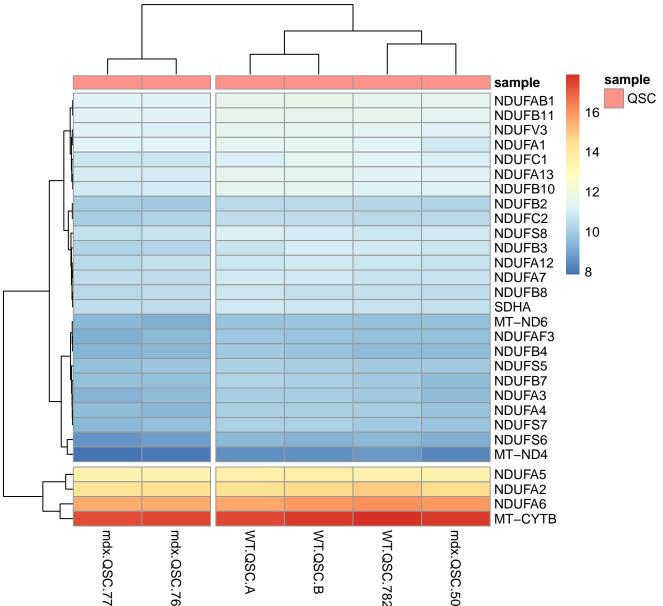
Scalling expressed matrix for genes active in DUSECYC_MM_PHOSLIPSYN-PWY_PHOSPHOLIPID_BIOSYNTHESIS_I



Expressed Matrix from Normalized for genes in

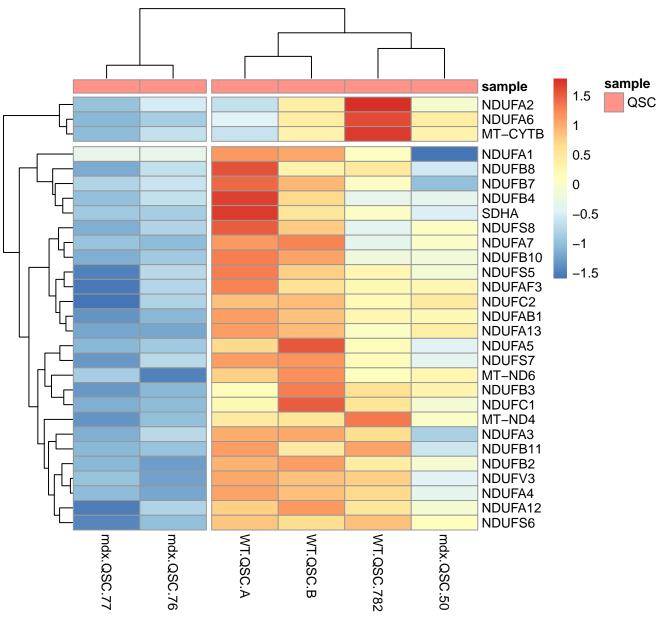


Expressed Matrix for genes active in SECYC_MM_PWY-3781_AEROBIC_RESPIRATION__ELECTRON_DONOR_II

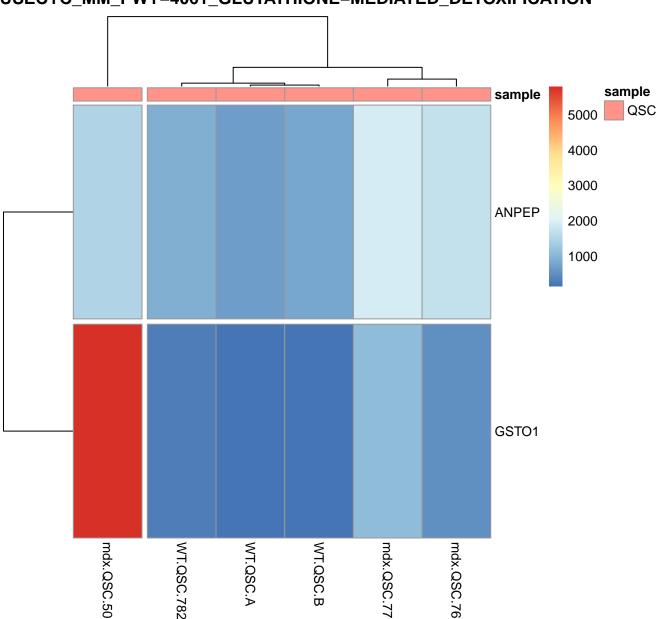


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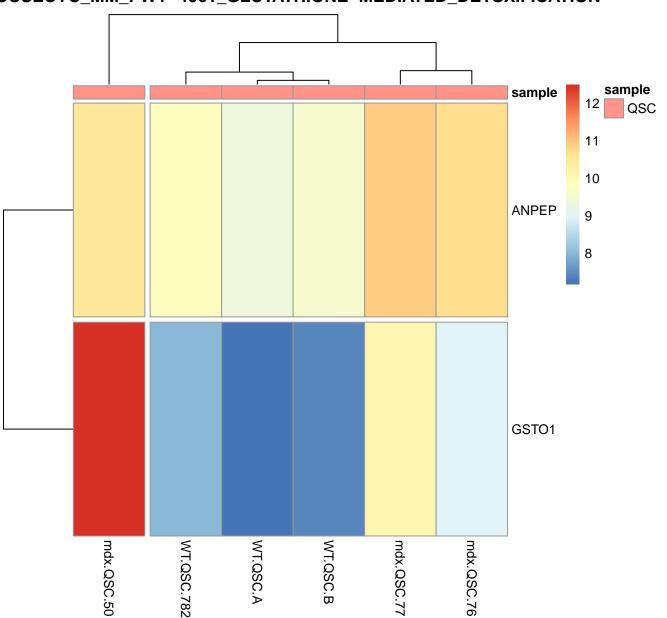
ECYC_MM_PWY-3781_AEROBIC_RESPIRATION__ELECTRON_DONOR_II



Expressed Matrix from Normalized for genes in USECYC_MM_PWY-4061_GLUTATHIONE-MEDIATED_DETOXIFICATION

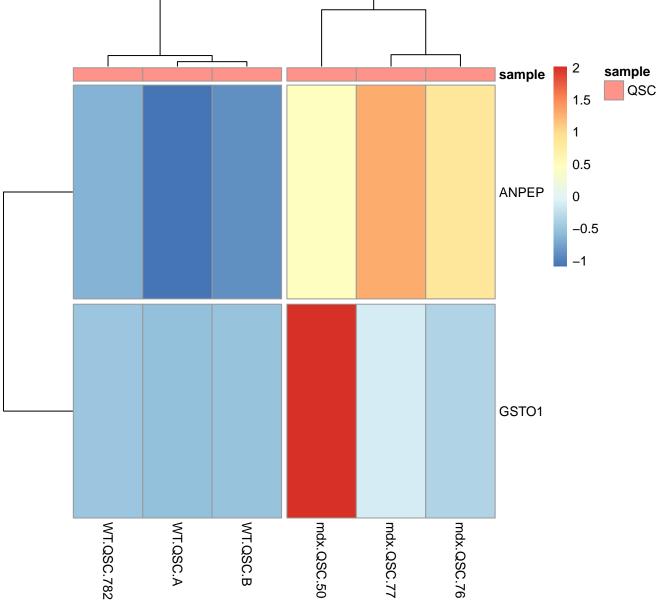


Expressed Matrix for genes active in DUSECYC_MM_PWY-4061_GLUTATHIONE-MEDIATED_DETOXIFICATION



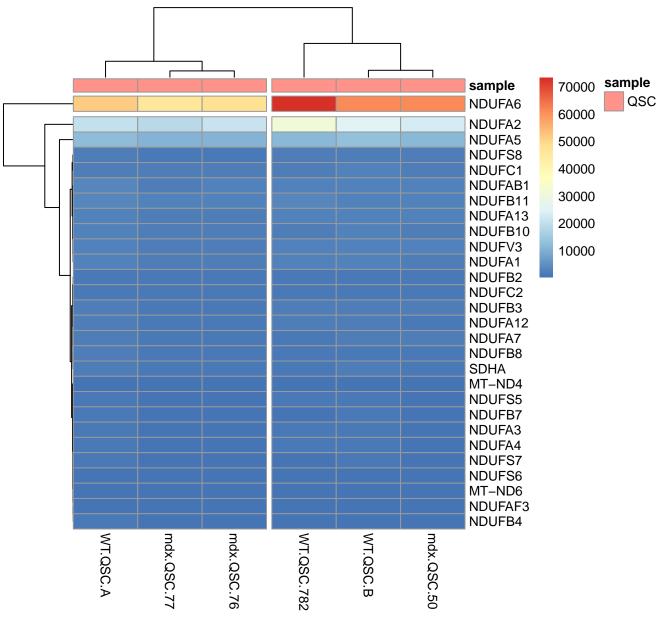
USECYC_MM_PWY-4061_GLUTATHIONE-MEDIATED_DETOXIFICATION

Scalling expressed matrix for genes active in

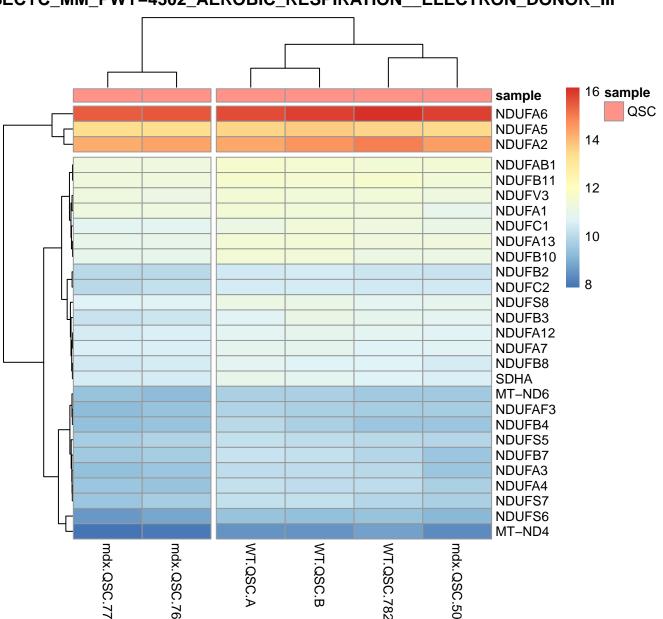


Expressed Matrix from Normalized for genes in

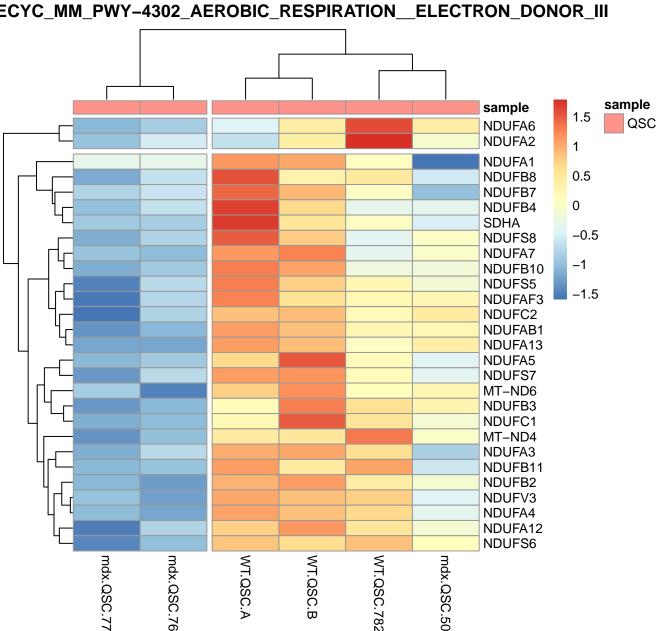
CYC_MM_PWY-4302_AEROBIC_RESPIRATION__ELECTRON_DONOR_III



Expressed Matrix for genes active in SECYC_MM_PWY-4302_AEROBIC_RESPIRATION__ELECTRON_DONOR_III

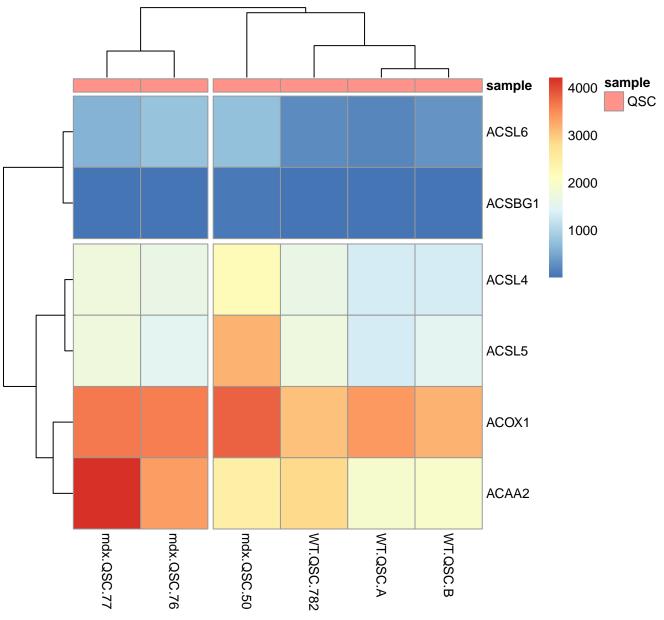


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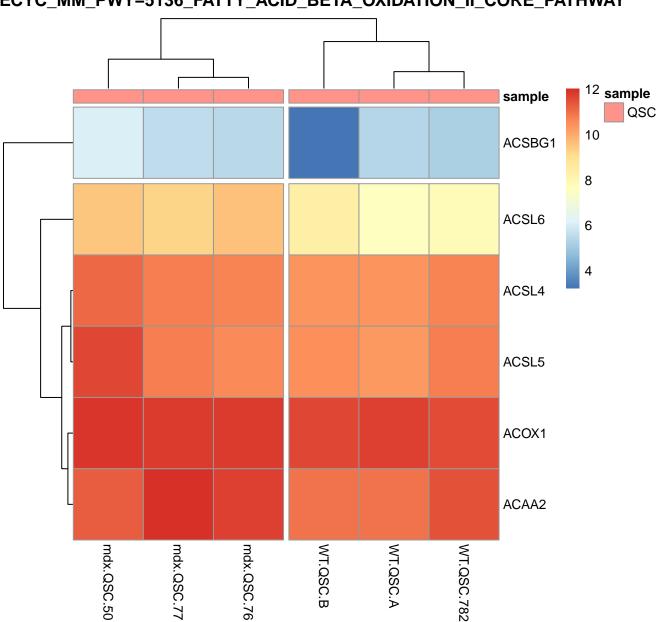


CYC_MM_PWY-5136_FATTY_ACID_BETA_OXIDATION_II_CORE_PATHWAY

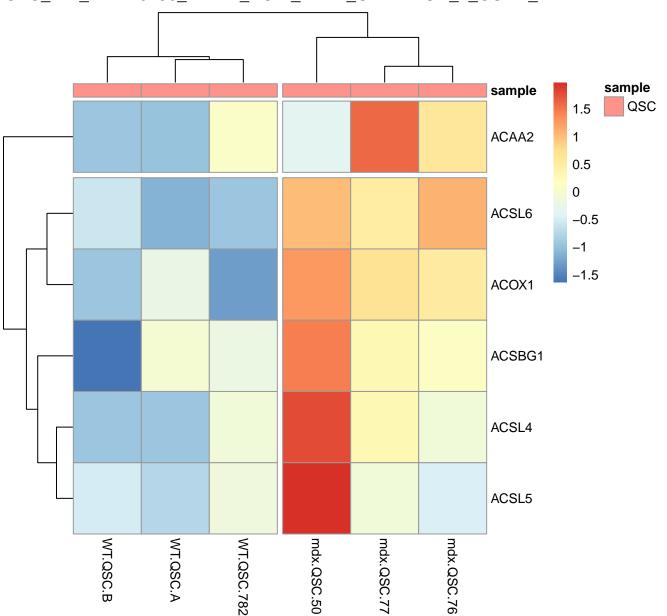
Expressed Matrix from Normalized for genes in



Expressed Matrix for genes active in ECYC_MM_PWY-5136_FATTY_ACID_BETA_OXIDATION_II_CORE_PATHWAY

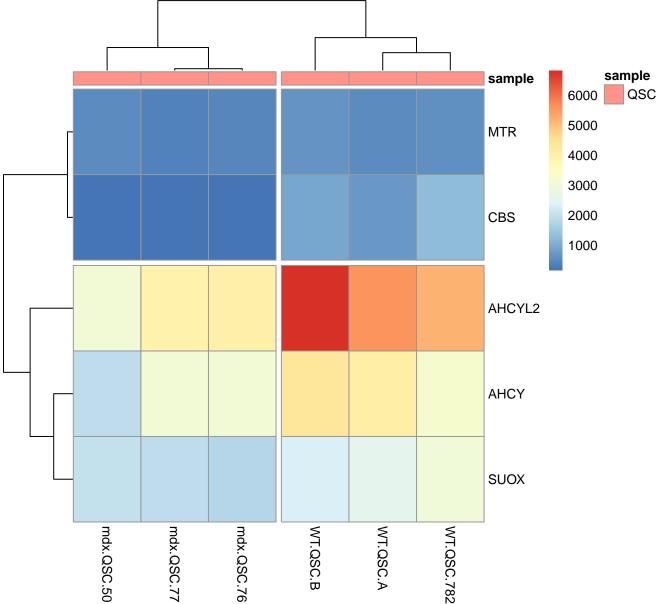


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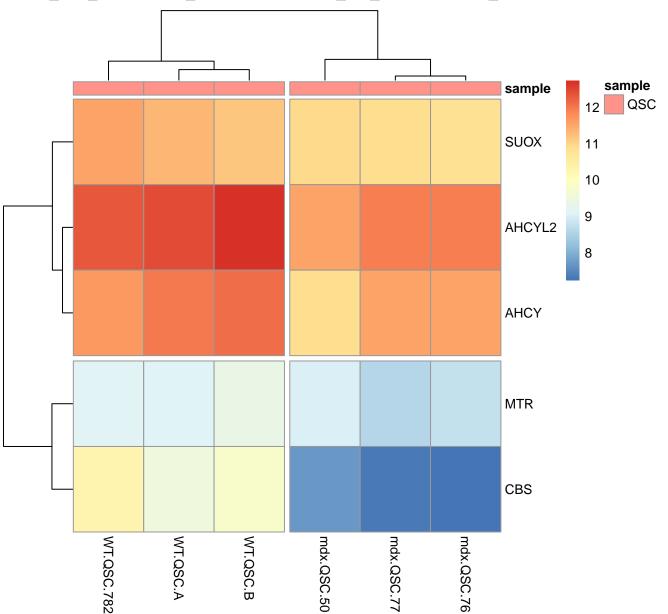


ECYC_MM_PWY-5328_SUPERPATHWAY_OF_METHIONINE_DEGRADATION

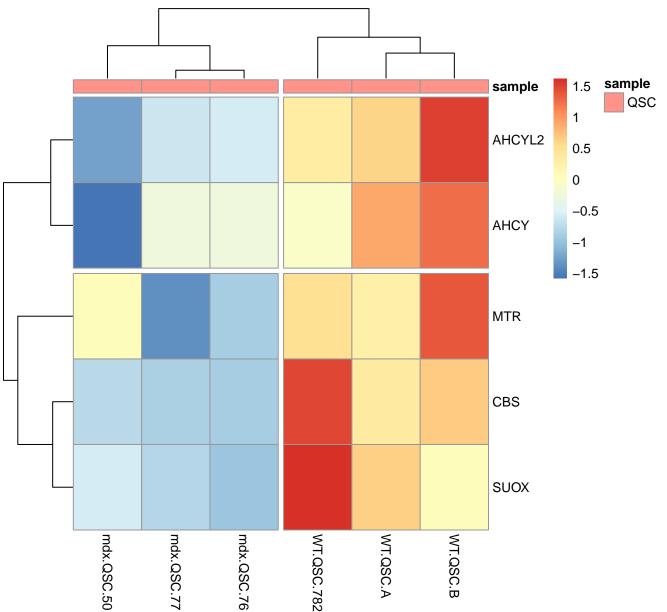
Expressed Matrix from Normalized for genes in



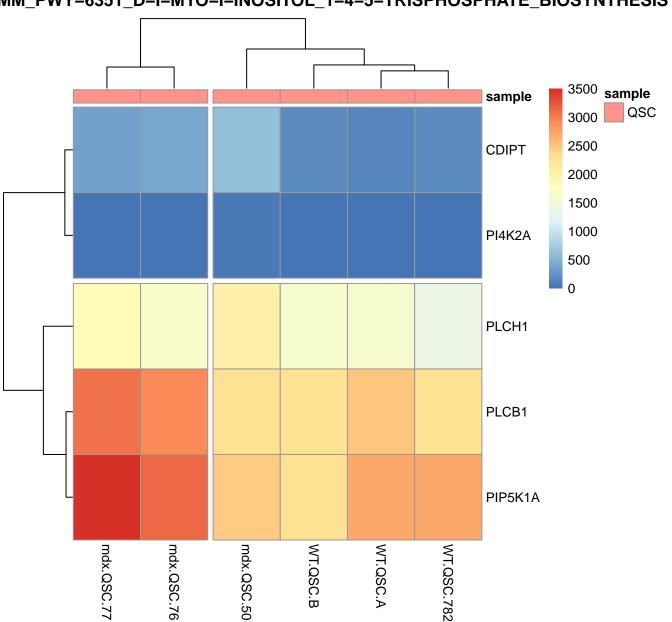
Expressed Matrix for genes active in ECYC_MM_PWY-5328_SUPERPATHWAY_OF_METHIONINE_DEGRADATION

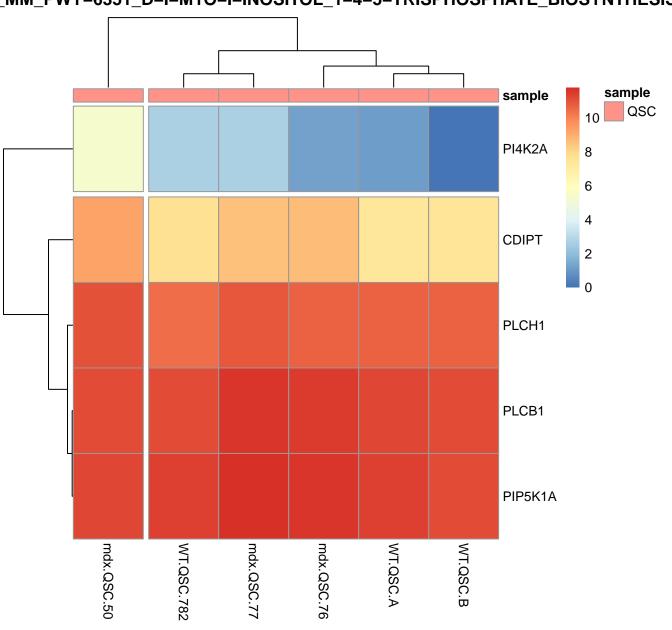


Scalling expressed matrix for genes active in ECYC_MM_PWY-5328_SUPERPATHWAY_OF_METHIONINE_DEGRADATION

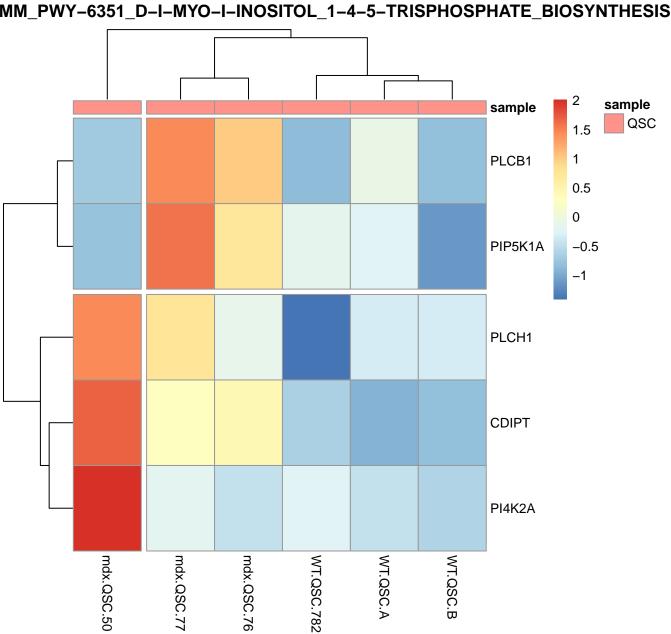


Expressed Matrix from Normalized for genes in MM_PWY-6351_D-I-MYO-I-INOSITOL_1-4-5-TRISPHOSPHATE_BIOSYNTHESIS

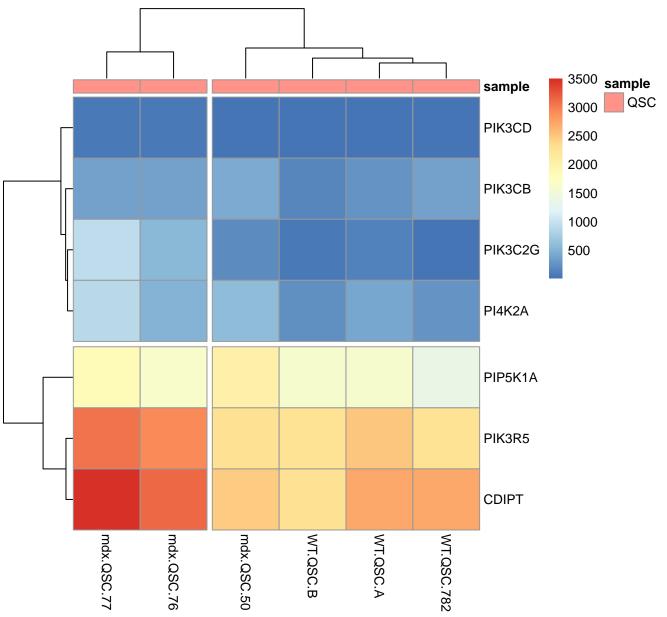




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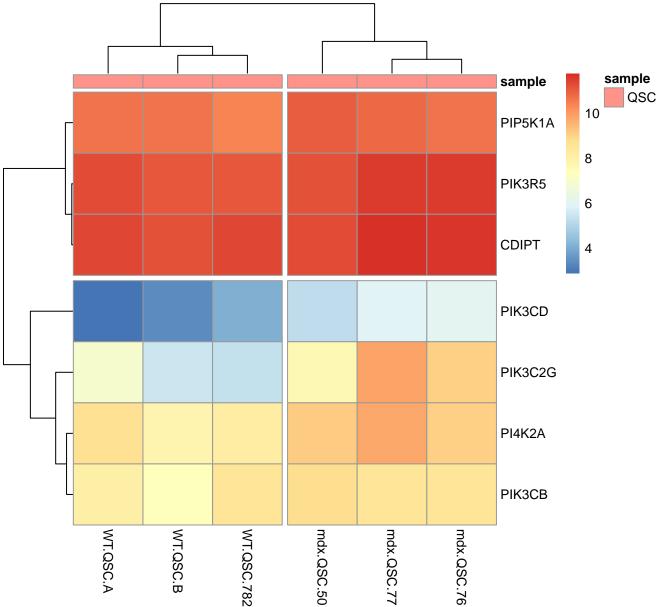


Expressed Matrix from Normalized for genes in IOUSECYC_MM_PWY-6352_3-PHOSPHOINOSITIDE_BIOSYNTHESIS

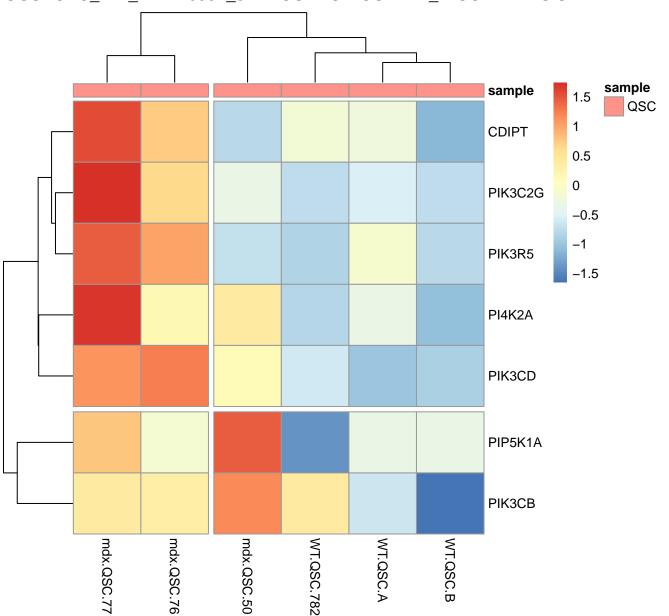


MOUSECYC_MM_PWY-6352_3-PHOSPHOINOSITIDE_BIOSYNTHESIS

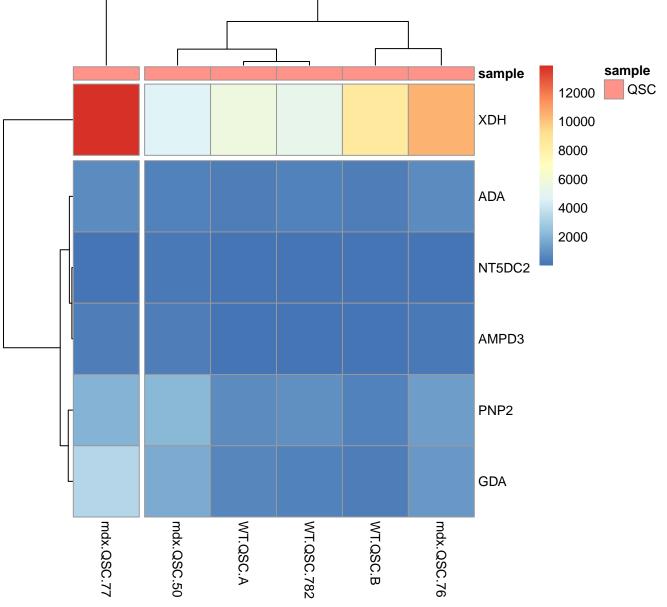
Expressed Matrix for genes active in



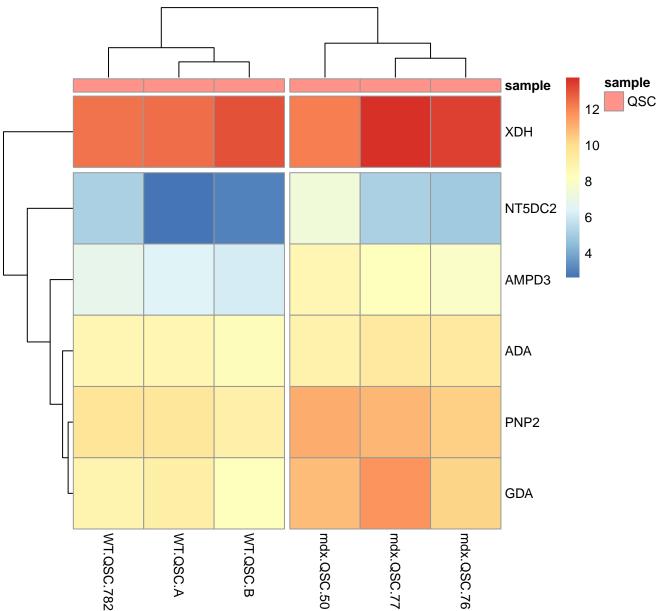
Scalling expressed matrix for genes active in IOUSECYC_MM_PWY-6352_3-PHOSPHOINOSITIDE_BIOSYNTHESIS



Expressed Matrix from Normalized for genes in CYC_MM_PWY-6353_PURINE_NUCLEOTIDES_DEGRADATION_II_AEROBIC

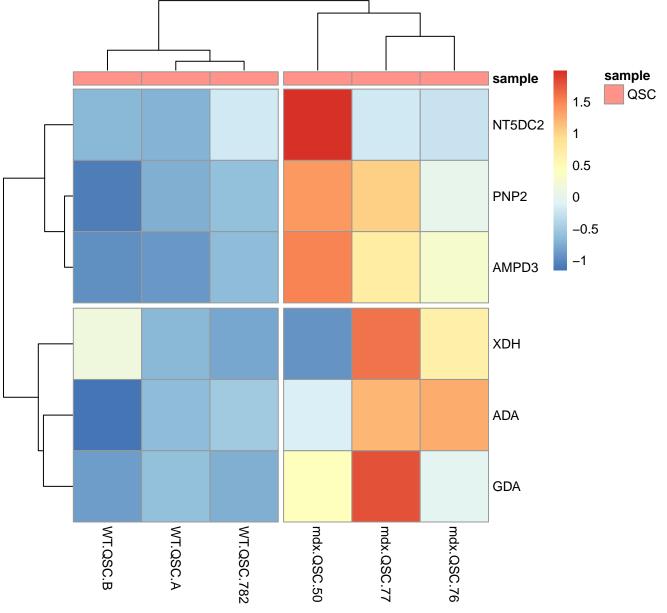


Expressed Matrix for genes active in ECYC_MM_PWY-6353_PURINE_NUCLEOTIDES_DEGRADATION_II_AEROBIC

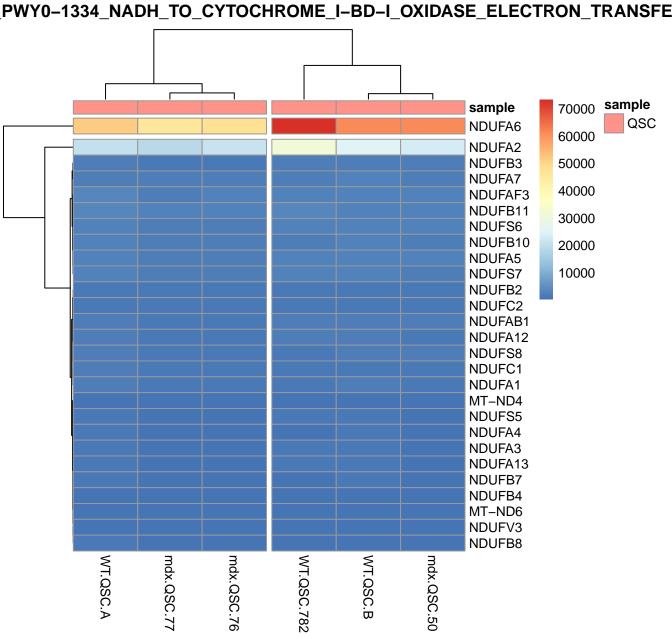


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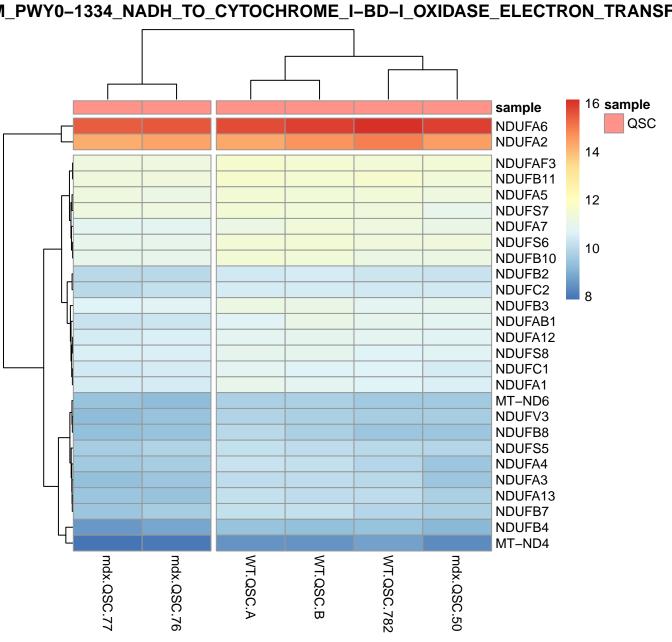




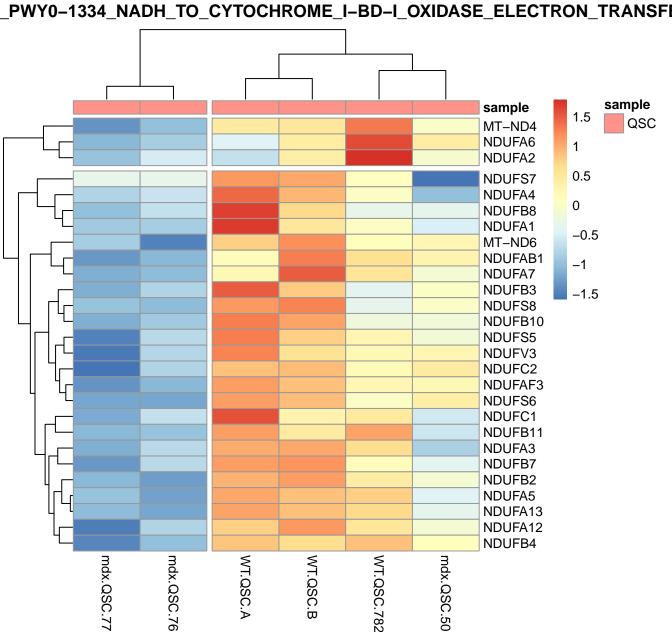
Expressed Matrix from Normalized for genes in



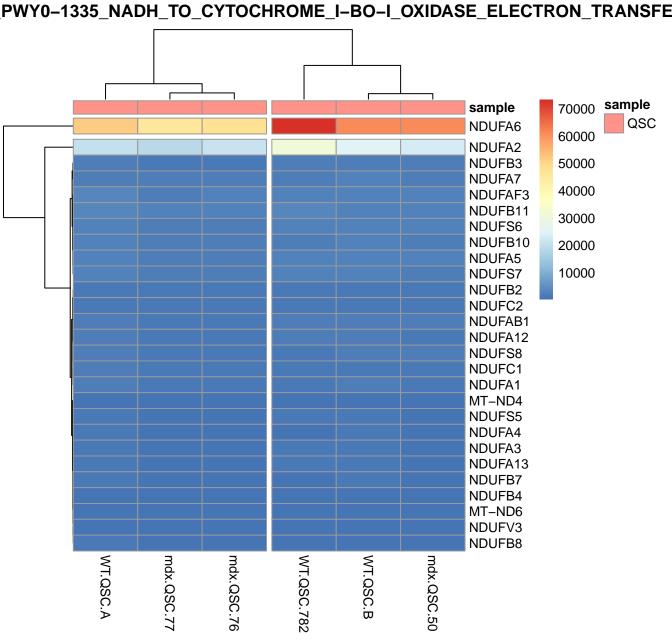
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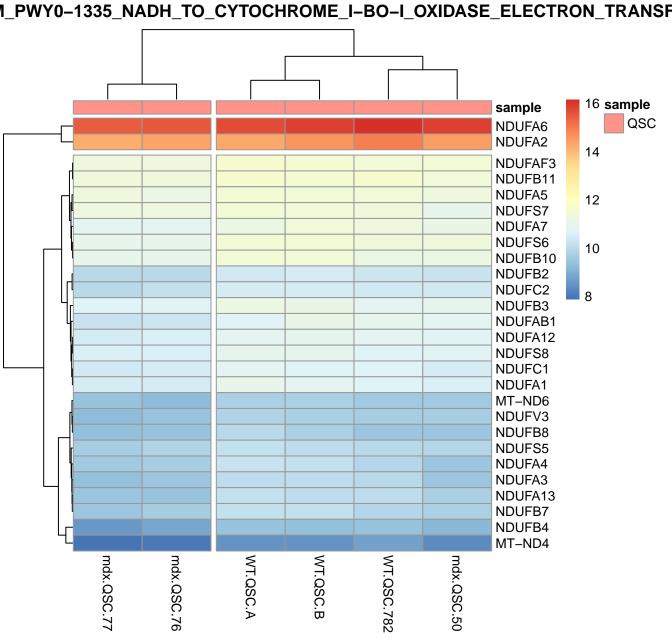
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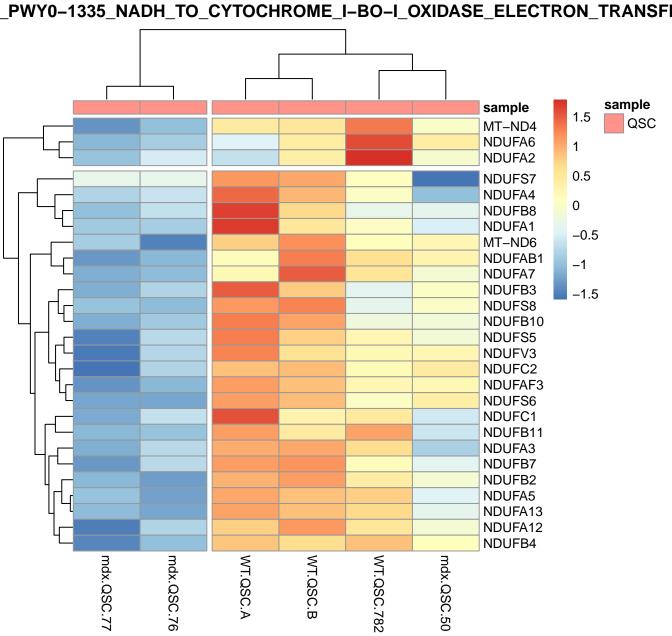
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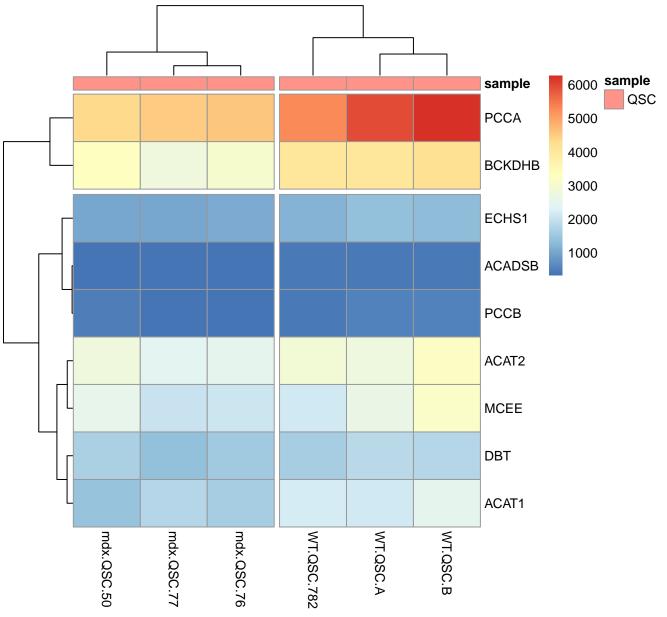
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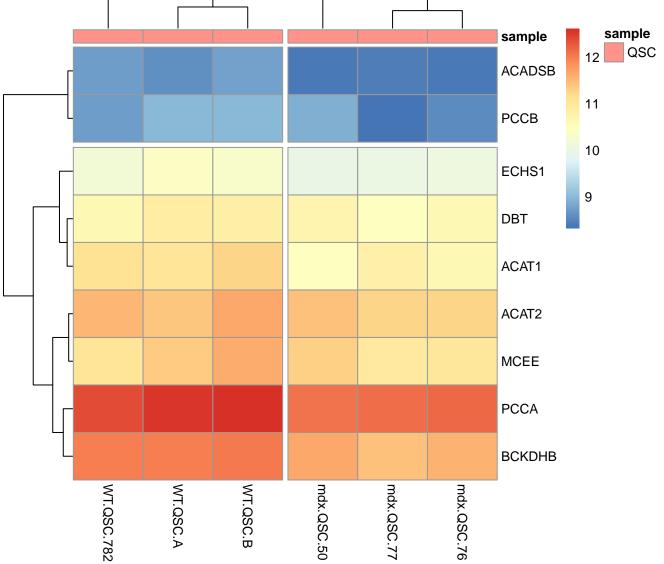
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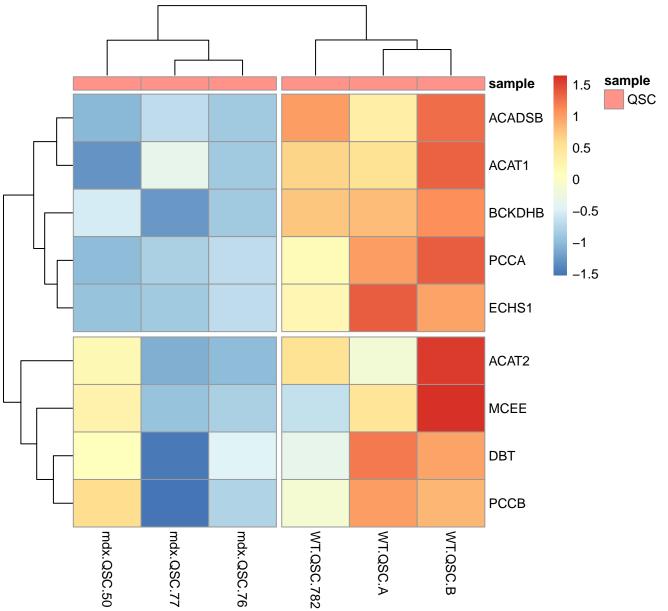
Expressed Matrix from Normalized for genes in MOUSECYC_MM_PWY3DJ-0_ISOLEUCINE_DEGRADATION



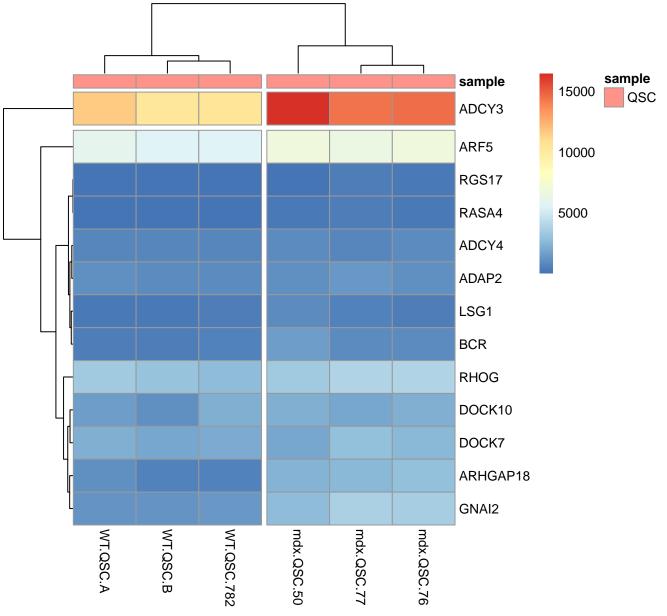
Expressed Matrix for genes active in MOUSECYC_MM_PWY3DJ-0_ISOLEUCINE_DEGRADATION sample sample QSC **ACADSB** 11 **PCCB** 10 ECHS1



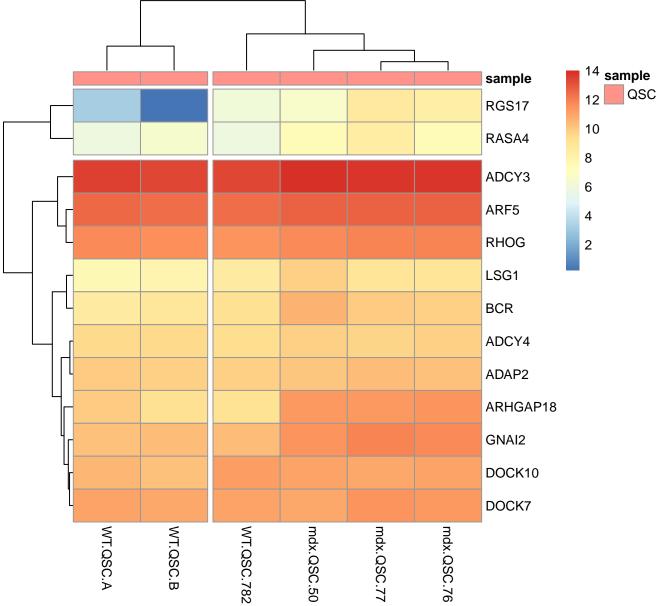
Scalling expressed matrix for genes active in MOUSECYC_MM_PWY3DJ-0_ISOLEUCINE_DEGRADATION



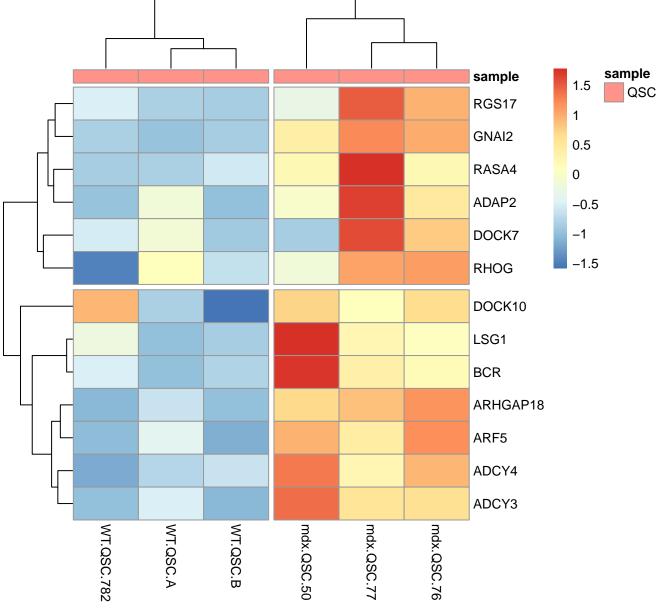
Expressed Matrix from Normalized for genes in MOUSECYC_MM_PWY3DJ-1_CYCLIC_AMP_BIOSYNTHESIS



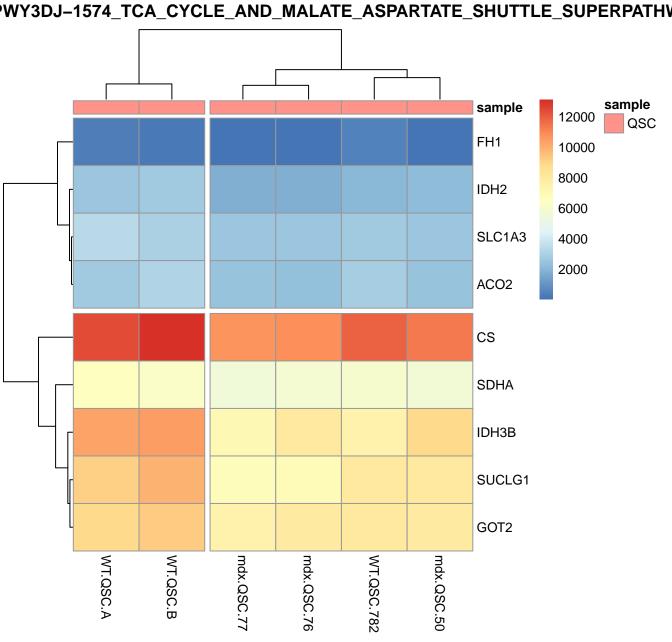
Expressed Matrix for genes active in MOUSECYC_MM_PWY3DJ-1_CYCLIC_AMP_BIOSYNTHESIS



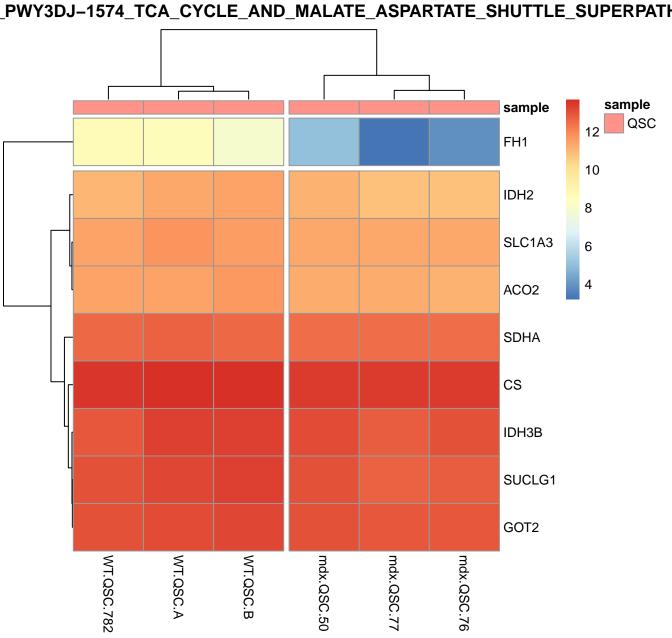
Scalling expressed matrix for genes active in MOUSECYC_MM_PWY3DJ-1_CYCLIC_AMP_BIOSYNTHESIS



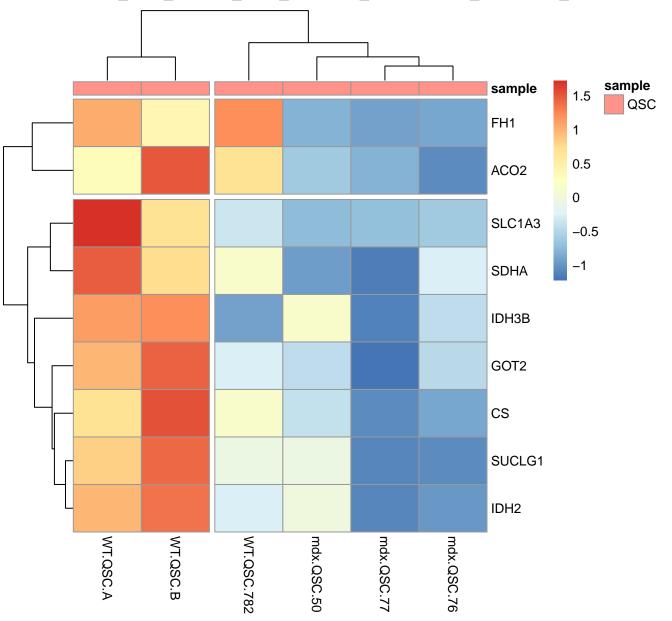
Expressed Matrix from Normalized for genes in



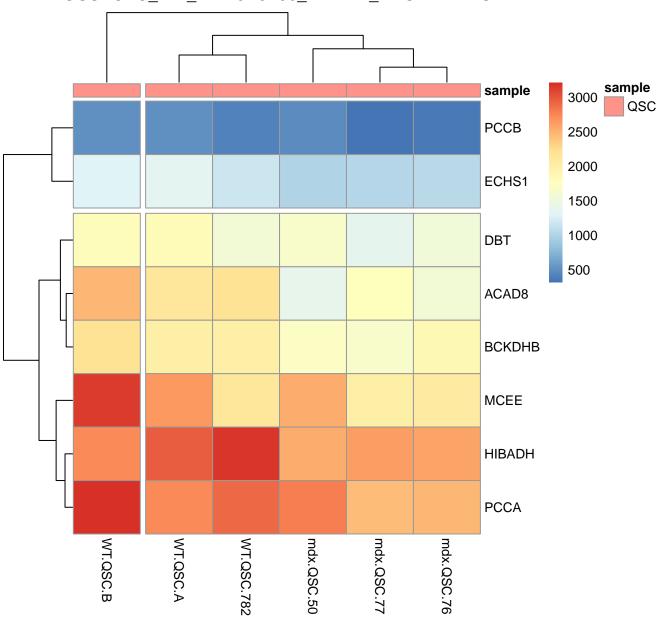
Expressed Matrix for genes active in PWY3D.I=1574 TCA CYCLE AND MALATE ASPARTAT



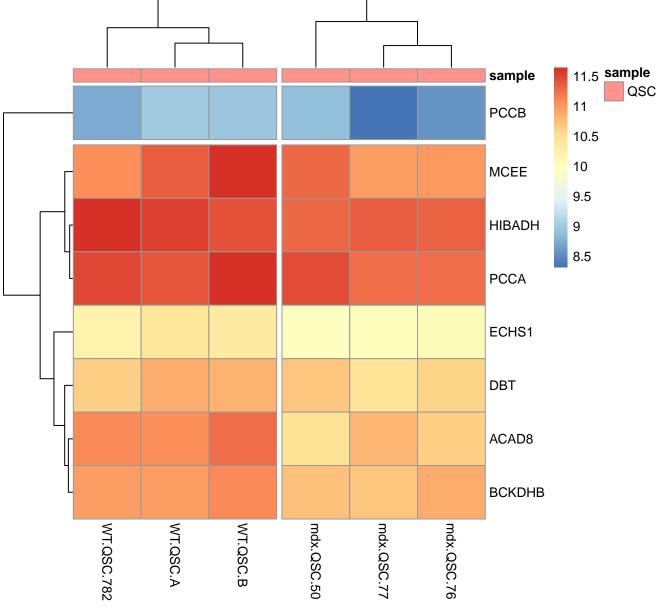
Scalling expressed matrix for genes active in PWY3DJ-1574_TCA_CYCLE_AND_MALATE_ASPARTATE_SHUTTLE_SUPERPATH



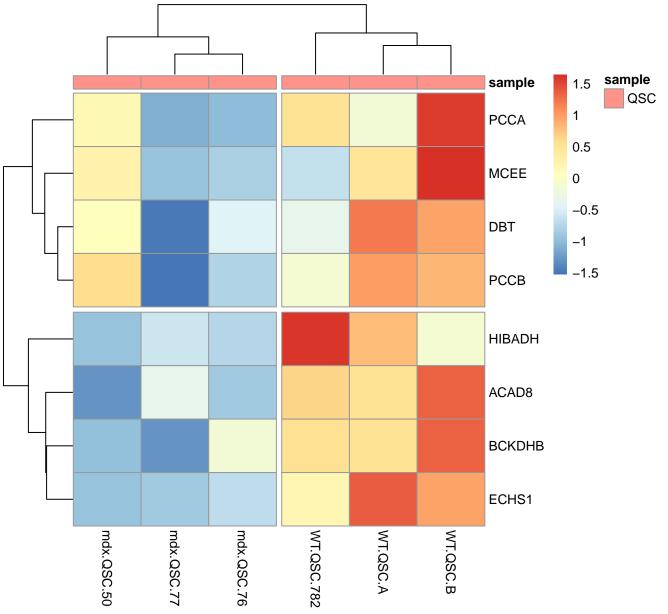
Expressed Matrix from Normalized for genes in MOUSECYC_MM_PWY3DJ-86_VALINE_DEGRADATION



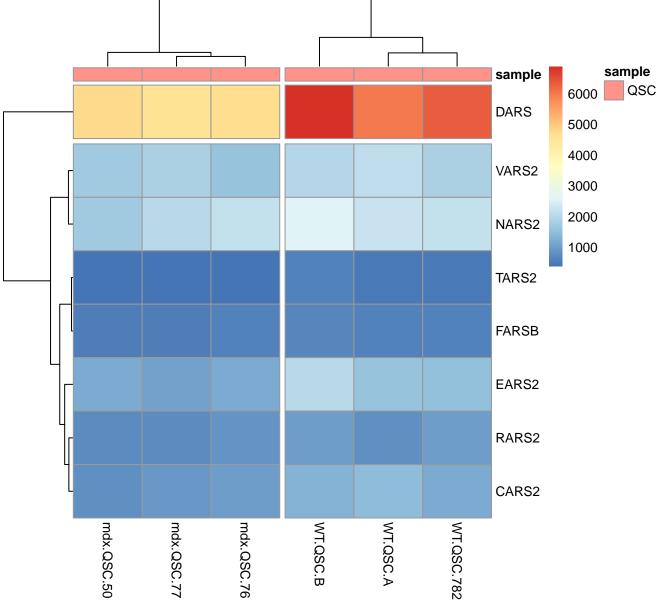
Expressed Matrix for genes active in MOUSECYC_MM_PWY3DJ-86_VALINE_DEGRADATION



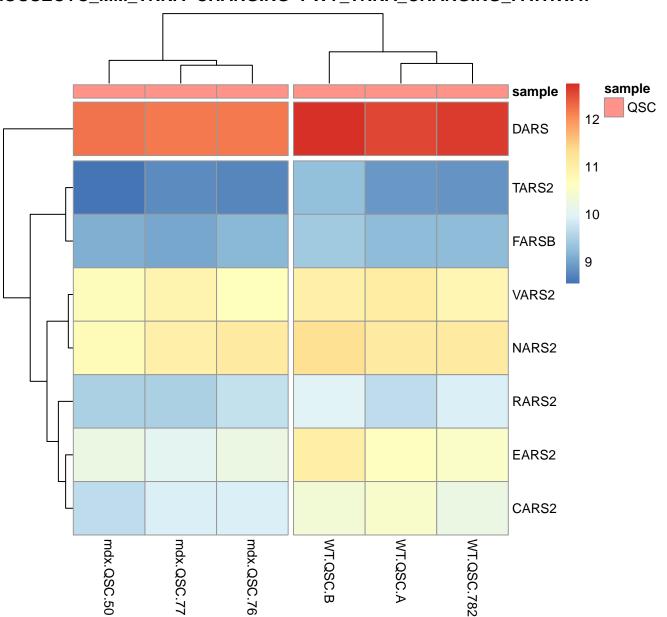
Scalling expressed matrix for genes active in MOUSECYC_MM_PWY3DJ-86_VALINE_DEGRADATION



Expressed Matrix from Normalized for genes in DUSECYC_MM_TRNA-CHARGING-PWY_TRNA_CHARGING_PATHWAY



Expressed Matrix for genes active in IOUSECYC_MM_TRNA-CHARGING-PWY_TRNA_CHARGING_PATHWAY



Scalling expressed matrix for genes active in OUSECYC_MM_TRNA-CHARGING-PWY_TRNA_CHARGING_PATHWAY

