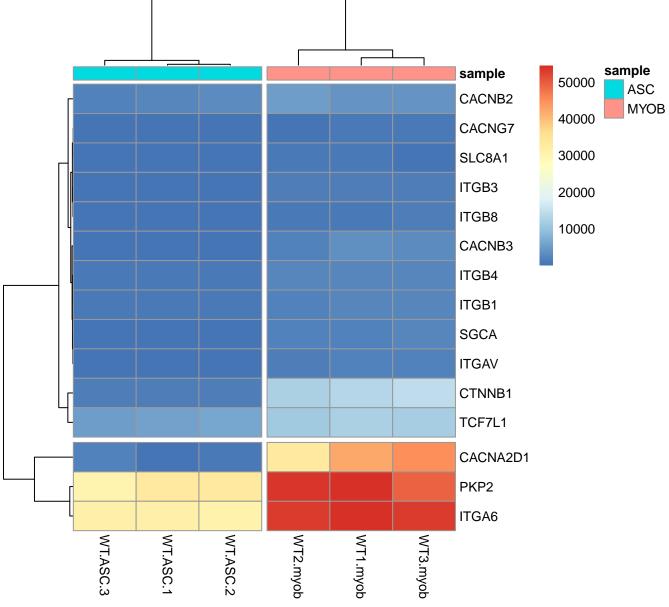
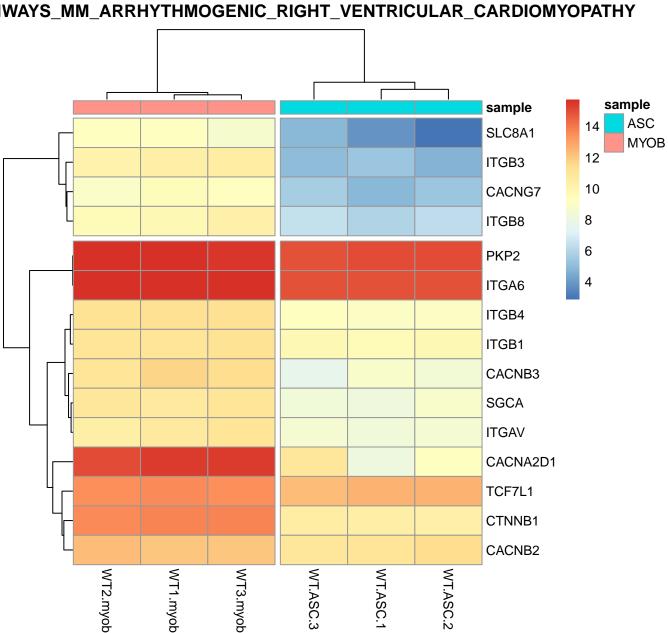
# /AYS\_MM\_ARRHYTHMOGENIC\_RIGHT\_VENTRICULAR\_CARDIOMYOPATHY

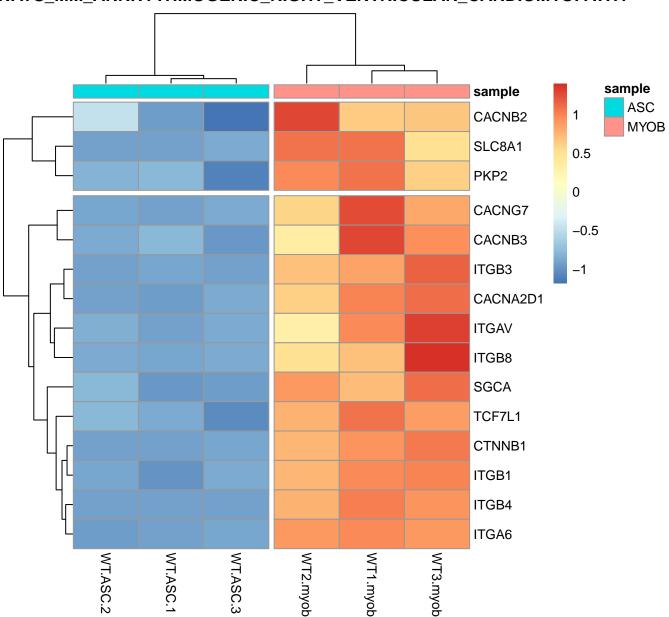
**Expressed Matrix from Normalized for genes in** 



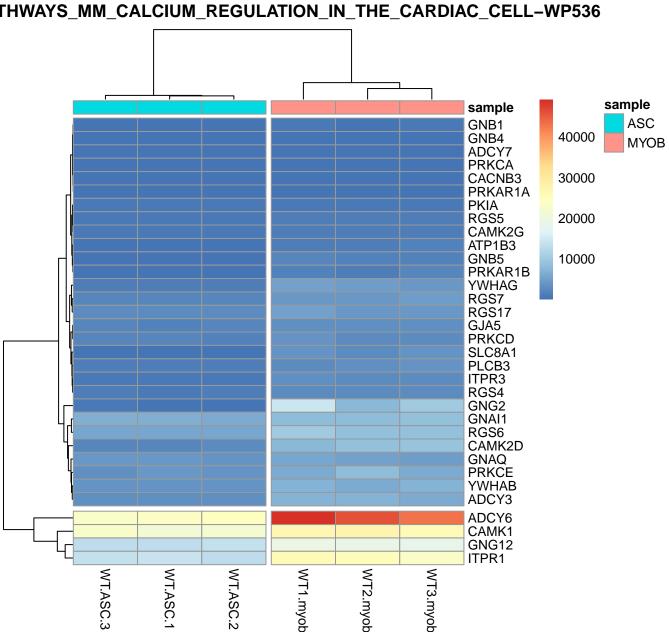
### Expressed Matrix for genes active in WAYS MM ARRHYTHMOGENIC RIGHT VENTRICIII



## Scalling expressed matrix for genes active in WAYS\_MM\_ARRHYTHMOGENIC\_RIGHT\_VENTRICULAR\_CARDIOMYOPATHY

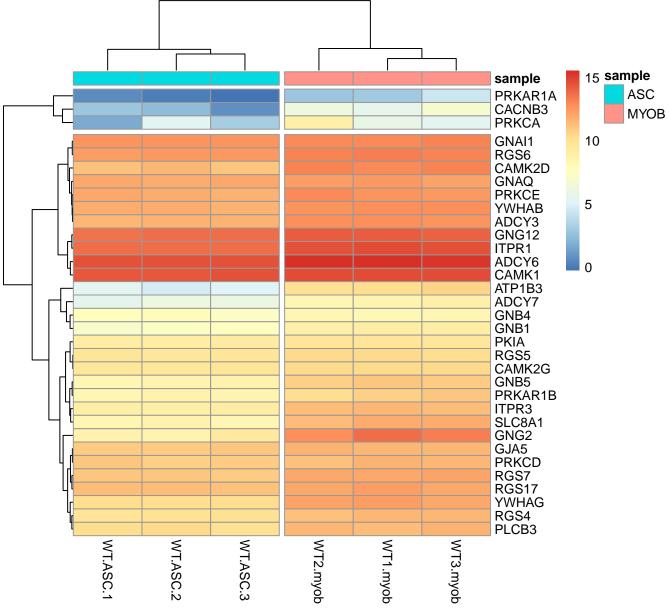


### Expressed Matrix from Normalized for genes in



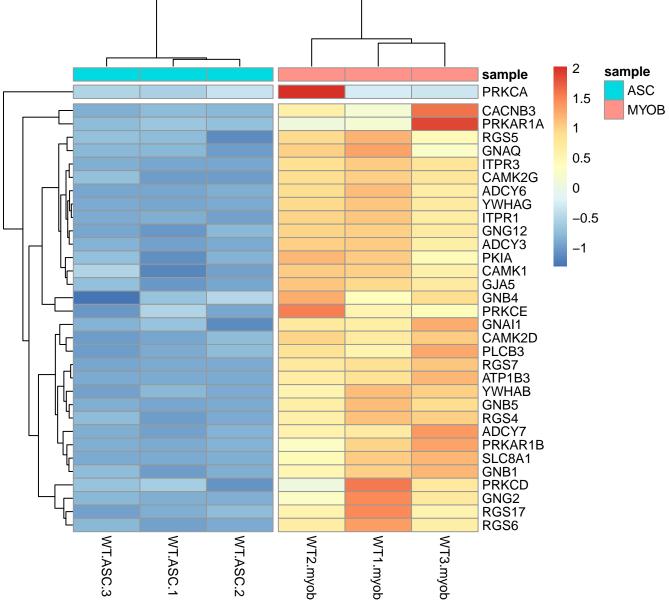
#### **Expressed Matrix for genes active in**



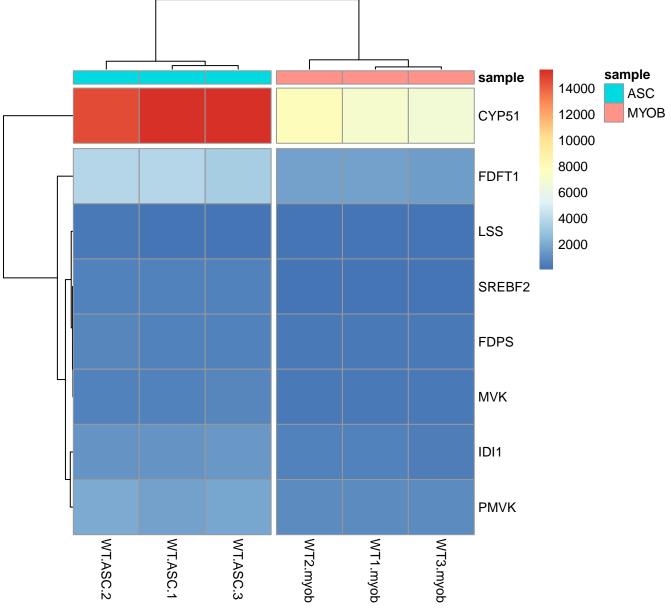


THWAYS\_MM\_CALCIUM\_REGULATION\_IN\_THE\_CARDIAC\_CELL-WP536

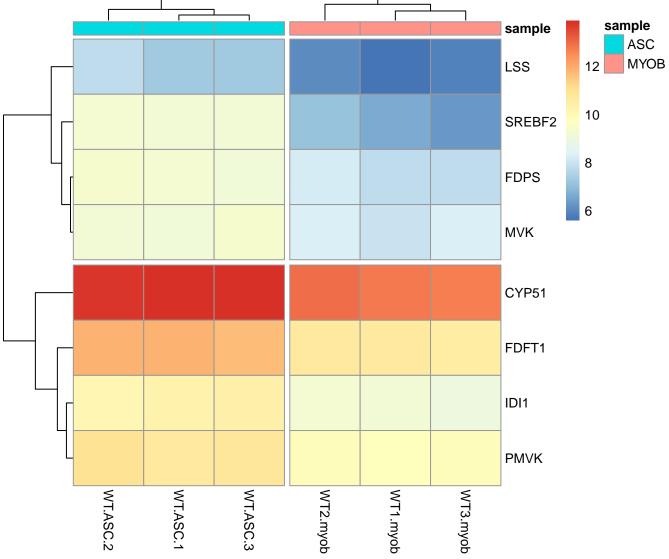
Scalling expressed matrix for genes active in



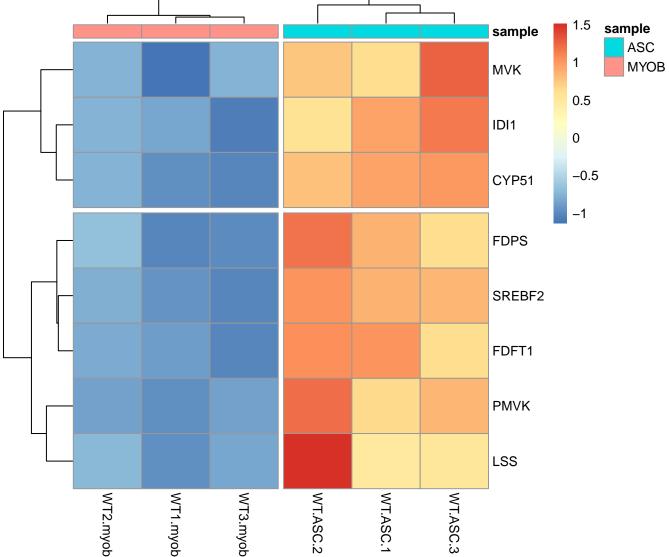
Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_CHOLESTEROL\_BIOSYNTHESIS-WP197



**Expressed Matrix for genes active in** WIKIPATHWAYS\_MM\_CHOLESTEROL\_BIOSYNTHESIS-WP197 sample sample ASC MYOB LSS 12 10 SREBF2 8 **FDPS** 

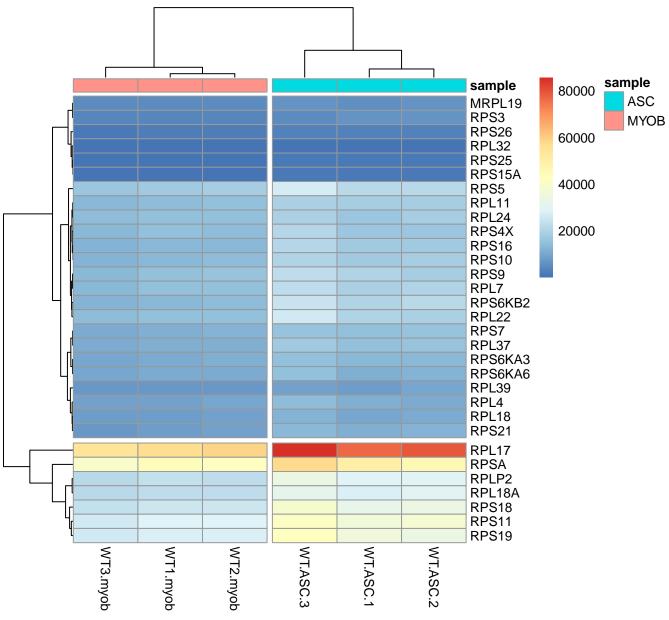


Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_CHOLESTEROL\_BIOSYNTHESIS-WP197 1.5 sample sample ASC 1 MYOB MVK 0.5 IDI1



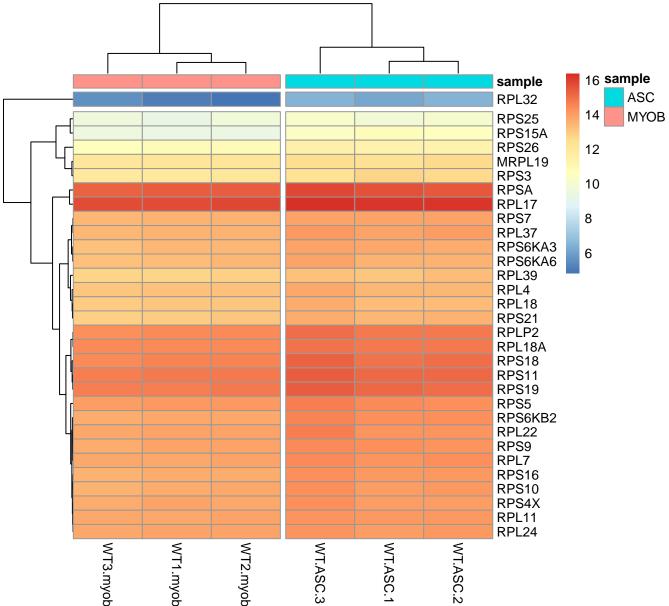
#### **Expressed Matrix from Normalized for genes in**

#### KIPATHWAYS\_MM\_CYTOPLASMIC\_RIBOSOMAL\_PROTEINS-WP477

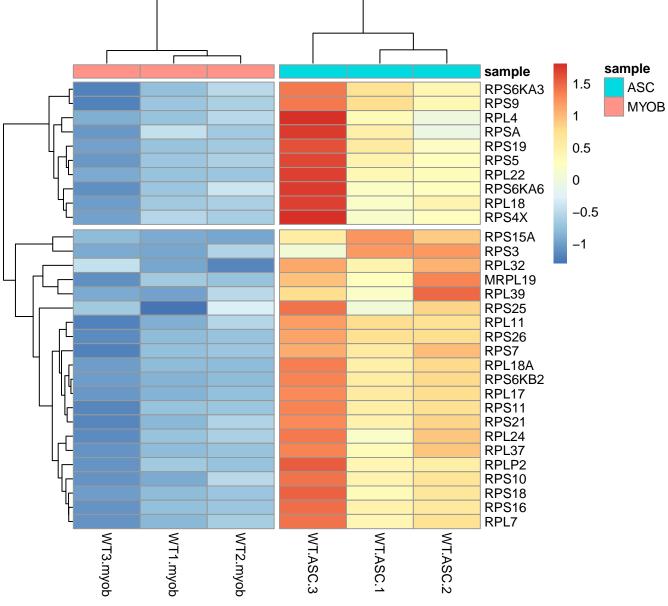


VIKIPATHWAYS\_MM\_CYTOPLASMIC\_RIBOSOMAL\_PROTEINS-WP477

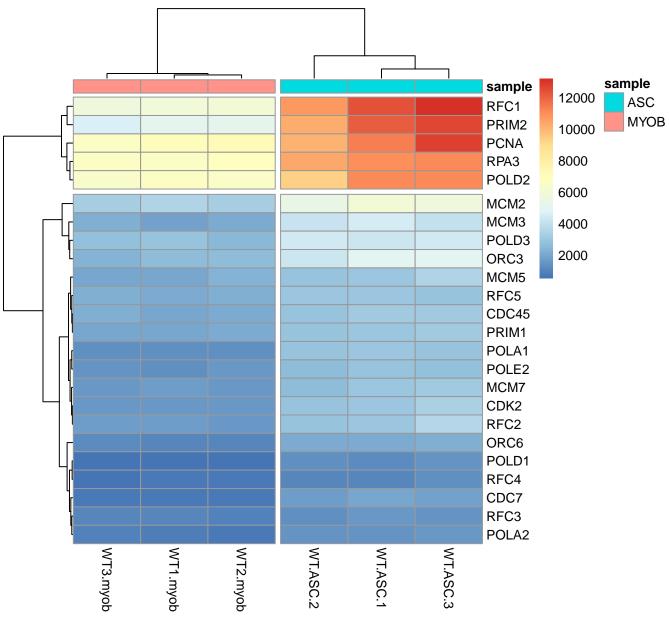
**Expressed Matrix for genes active in** 



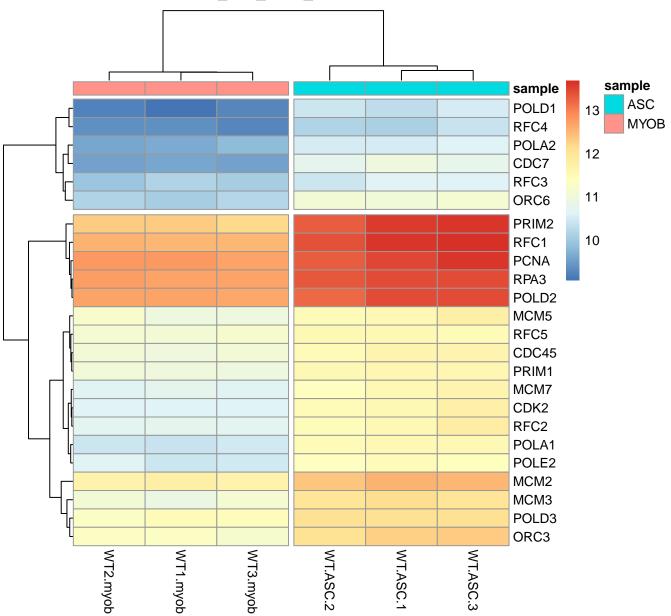
## Scalling expressed matrix for genes active in IKIPATHWAYS\_MM\_CYTOPLASMIC\_RIBOSOMAL\_PROTEINS-WP477



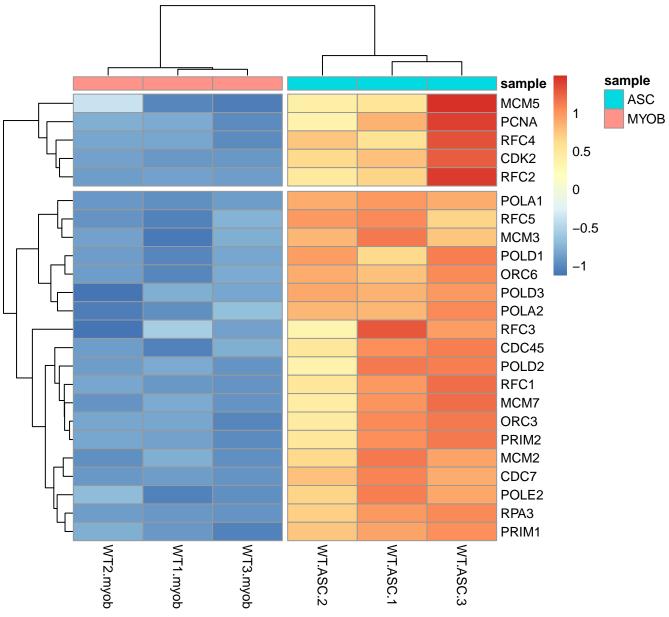
# Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_DNA\_REPLICATION-WP466



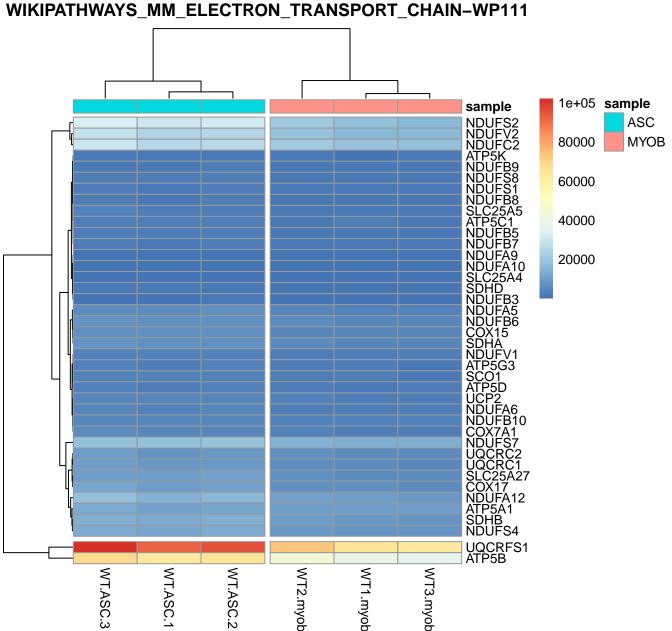
Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_DNA\_REPLICATION-WP466



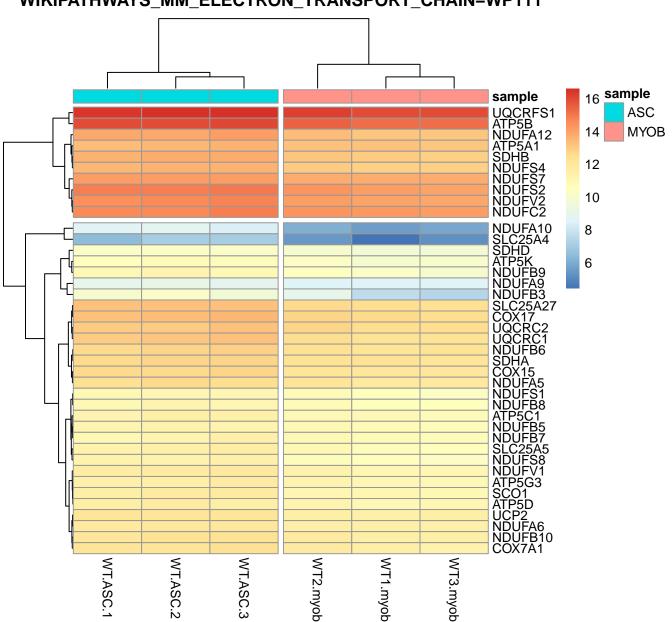
Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_DNA\_REPLICATION-WP466



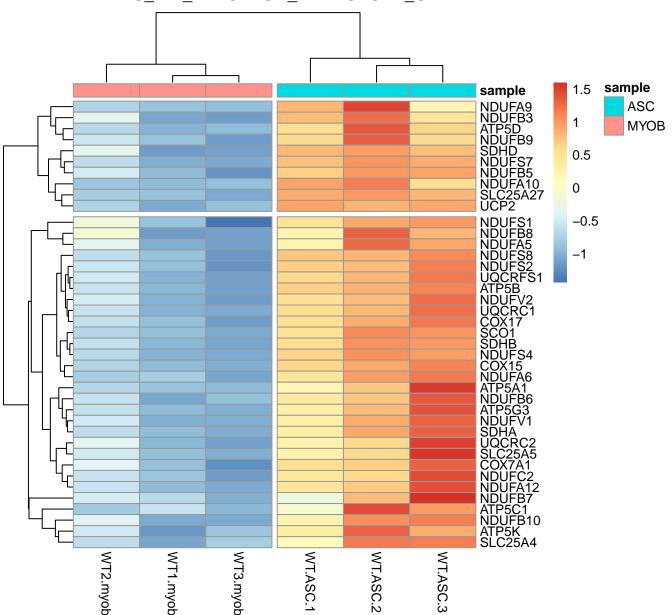
### Expressed Matrix from Normalized for genes in



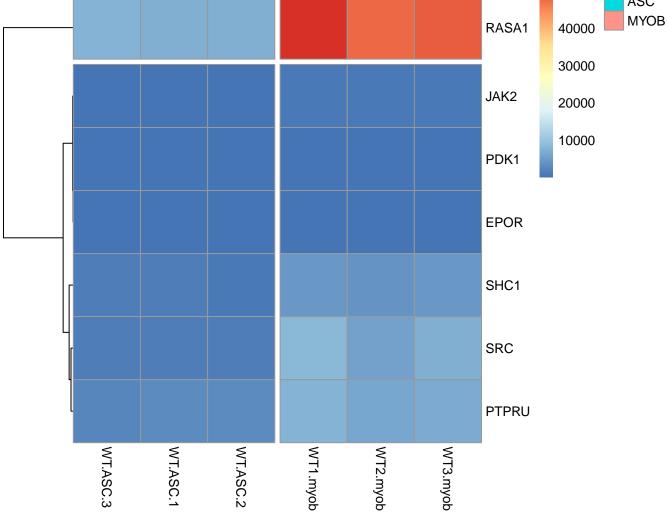
# Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_ELECTRON\_TRANSPORT\_CHAIN-WP111



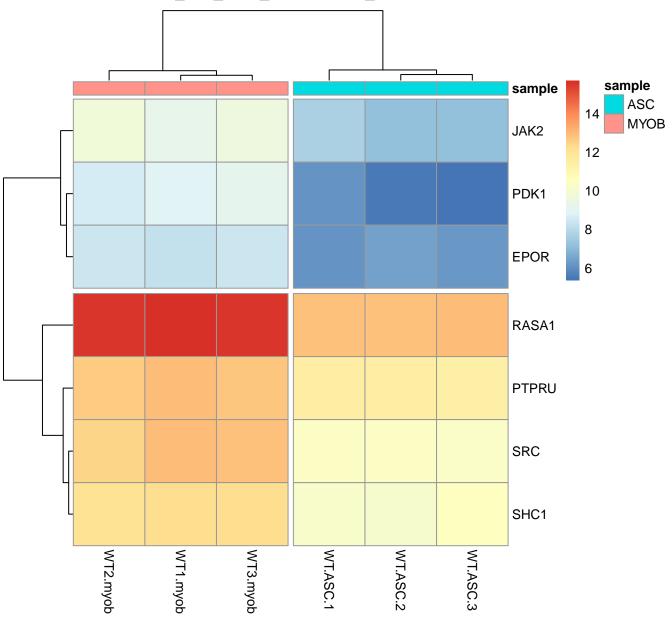
Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_ELECTRON\_TRANSPORT\_CHAIN-WP111



**Expressed Matrix from Normalized for genes in** WIKIPATHWAYS\_MM\_EPO\_RECEPTOR\_SIGNALING-WP581 sample sample 50000 ASC MYOB RASA1 40000 30000 JAK2 20000 10000 PDK1 **EPOR** 



Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_EPO\_RECEPTOR\_SIGNALING-WP581



Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_EPO\_RECEPTOR\_SIGNALING-WP581 sample sample ASC 1 MYOB JAK2 0.5 **EPOR** 0 -0.5PDK1 RASA1 SHC1 SRC

WT1.myob

WT3.myob

WT2.myob

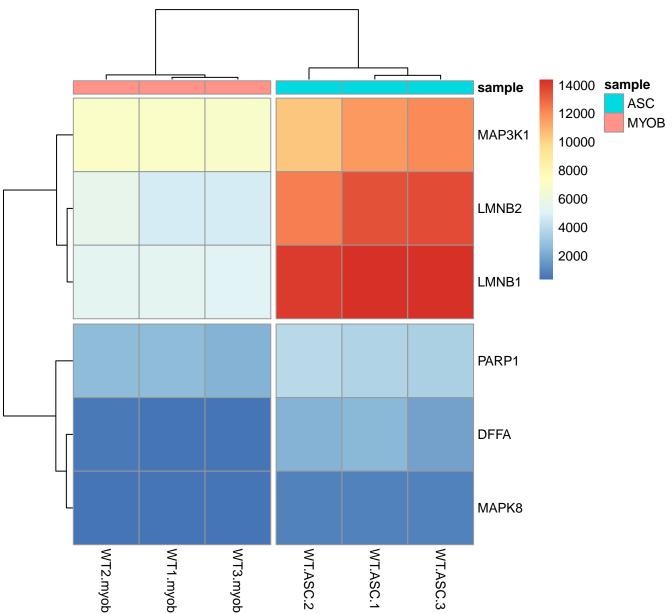
WT.ASC.1

WT.ASC.2

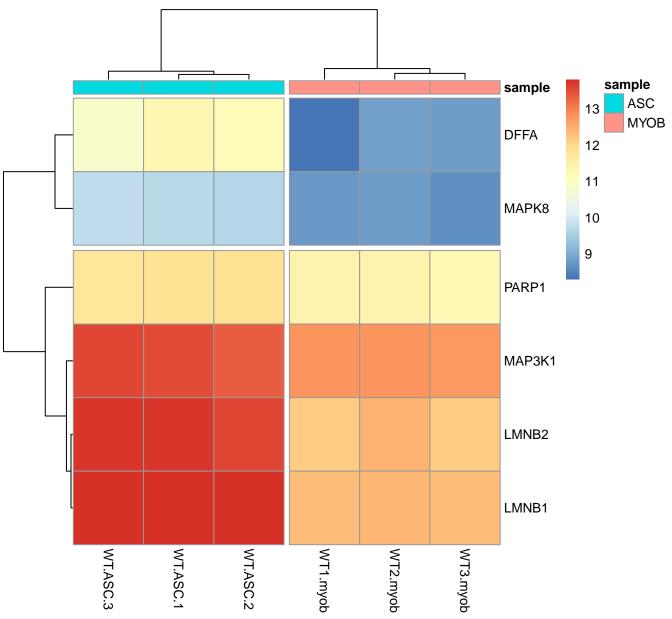
WT.ASC.3

**PTPRU** 

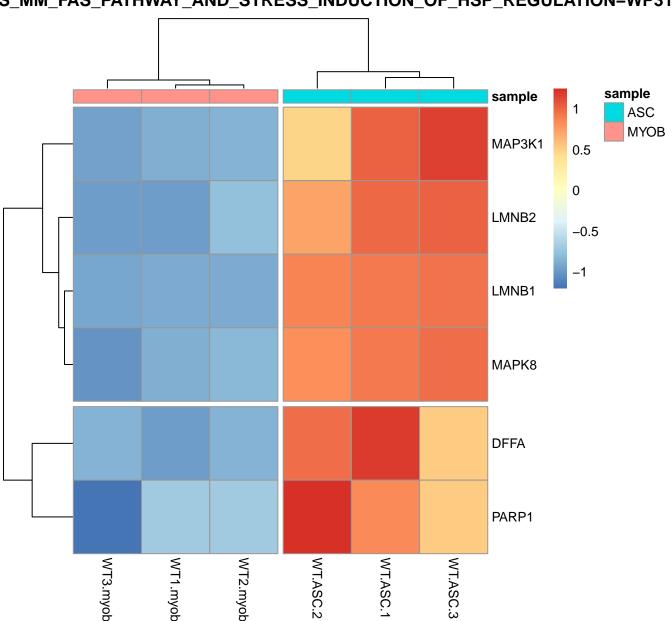
Expressed Matrix from Normalized for genes in 5\_MM\_FAS\_PATHWAY\_AND\_STRESS\_INDUCTION\_OF\_HSP\_REGULATION-WP314



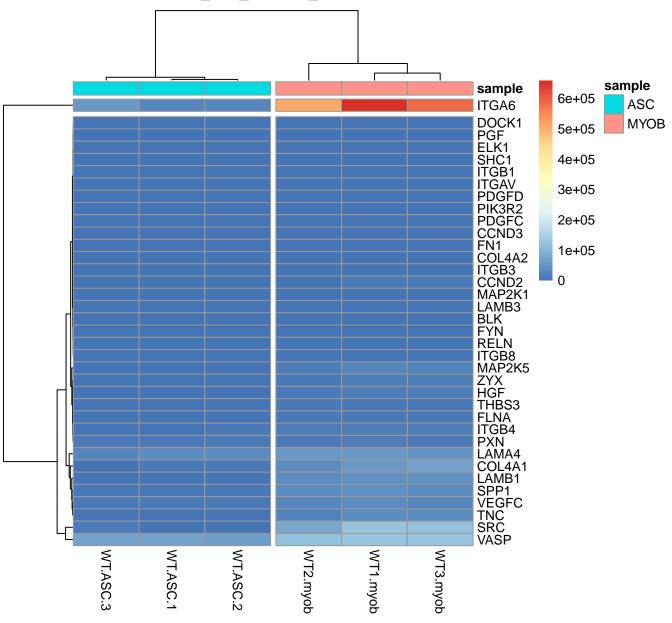
Expressed Matrix for genes active in 
'S\_MM\_FAS\_PATHWAY\_AND\_STRESS\_INDUCTION\_OF\_HSP\_REGULATION-WP3



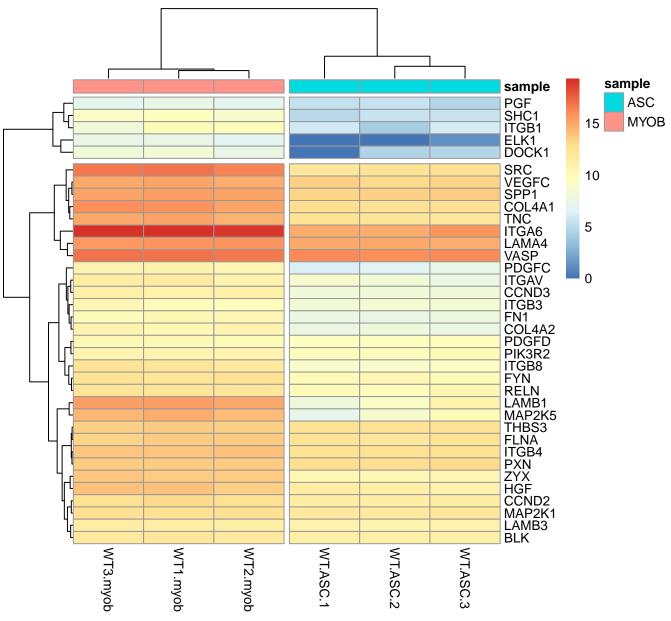
Scalling expressed matrix for genes active in S\_MM\_FAS\_PATHWAY\_AND\_STRESS\_INDUCTION\_OF\_HSP\_REGULATION-WP31



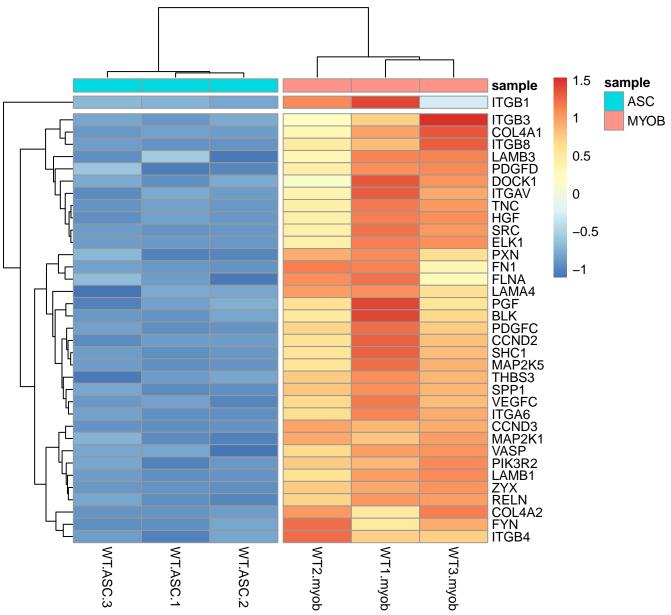
# Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_FOCAL\_ADHESION-WP306



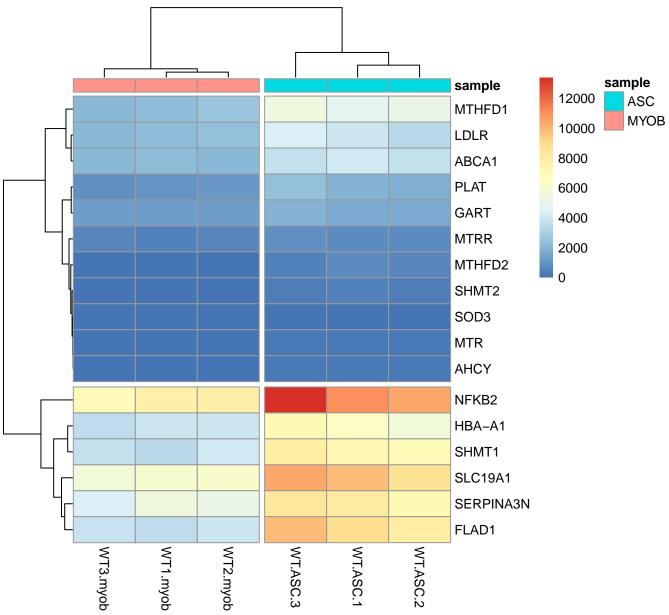
Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_FOCAL\_ADHESION-WP306



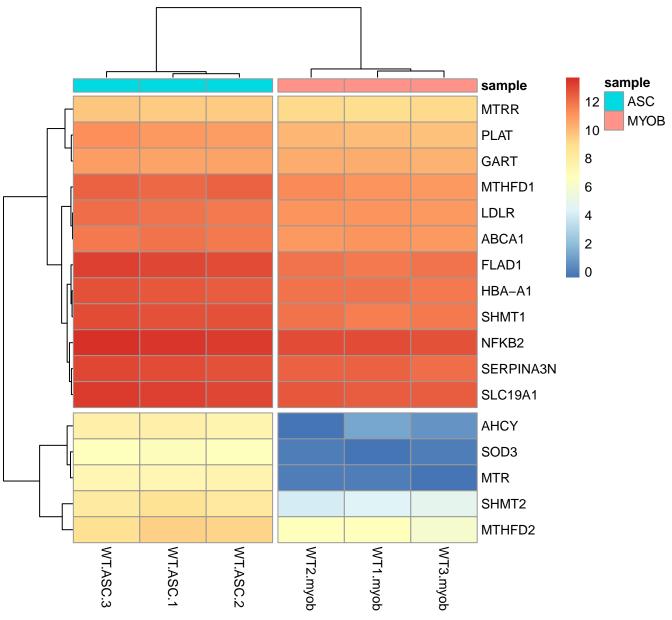
Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_FOCAL\_ADHESION-WP306



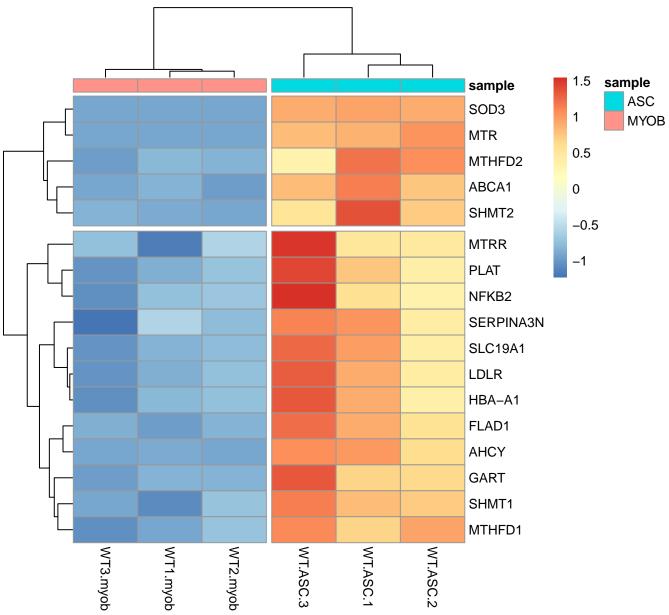
Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_FOLATE\_METABOLISM-WP176



Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_FOLATE\_METABOLISM-WP176

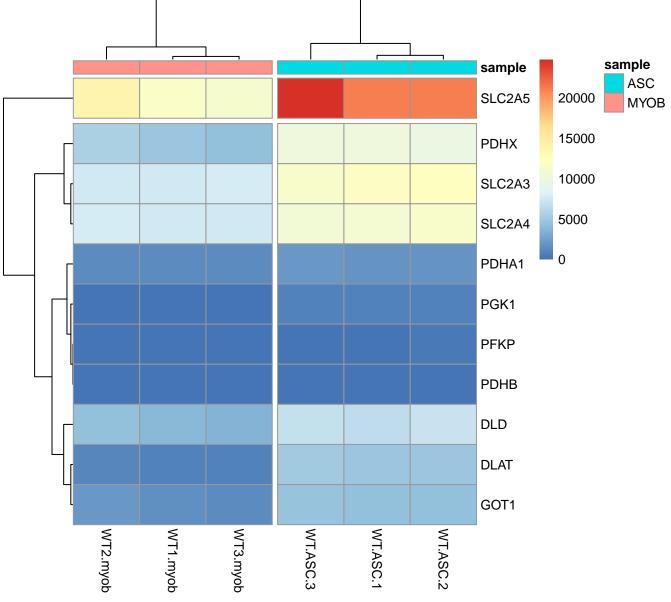


Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_FOLATE\_METABOLISM-WP176



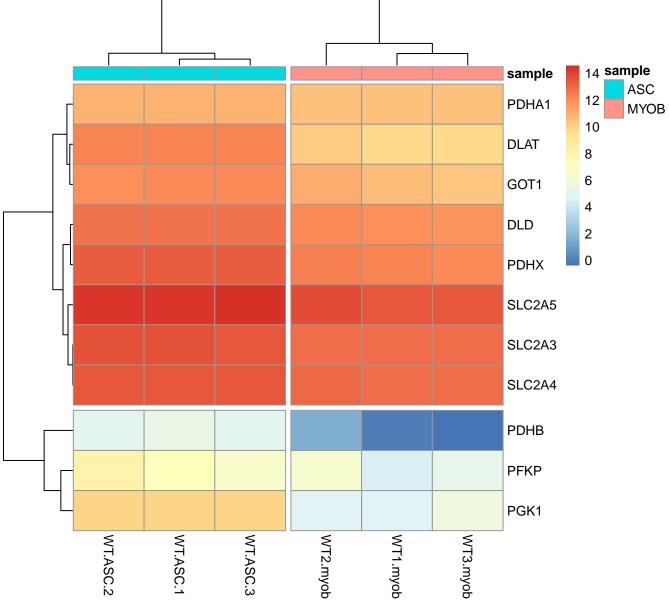
## KIPATHWAYS\_MM\_GLYCOLYSIS\_AND\_GLUCONEOGENESIS-WP534

**Expressed Matrix from Normalized for genes in** 

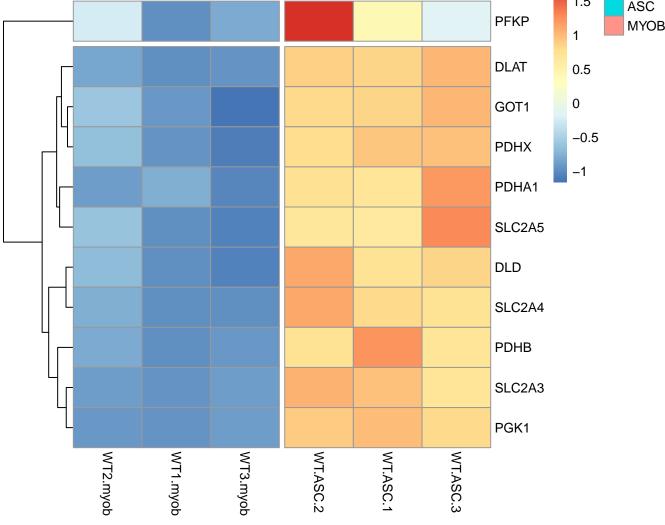


WIKIPATHWAYS\_MM\_GLYCOLYSIS\_AND\_GLUCONEOGENESIS-WP534

**Expressed Matrix for genes active in** 



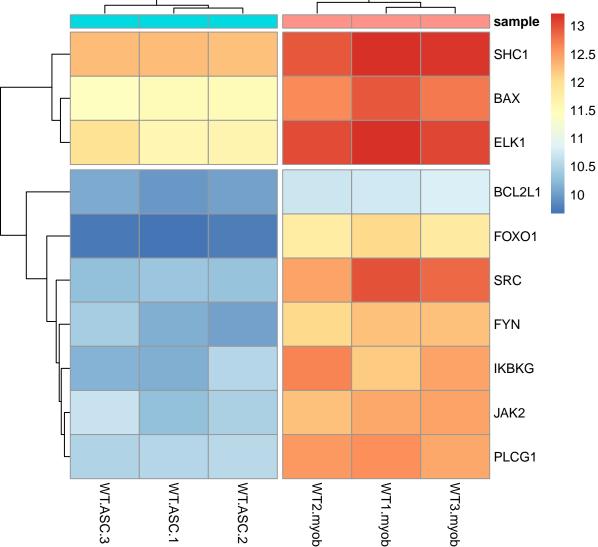
Scalling expressed matrix for genes active in /IKIPATHWAYS\_MM\_GLYCOLYSIS\_AND\_GLUCONEOGENESIS-WP534 sample sample 1.5 ASC PFKP MYOB 1 DLAT 0.5 0 GOT1 -0.5PDHX -1 PDHA1



**Expressed Matrix from Normalized for genes in** WIKIPATHWAYS\_MM\_LEPTIN\_SIGNALING\_PATHWAY-WP2034 sample sample ASC 8000 FOXO1 MYOB 6000 BCL2L1 4000 SHC1 2000 ELK1 JAK2 **FYN IKBKG** PLCG1 **SRC** BAXWT.ASC.3 WT.ASC.2 WT1.myob WT3.myob

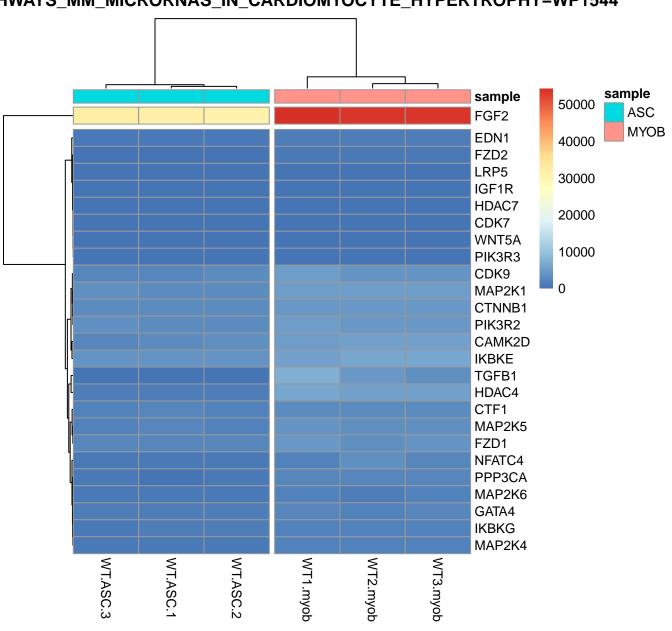
Expressed Matrix for genes active in
WIKIPATHWAYS\_MM\_LEPTIN\_SIGNALING\_PATHWAY-WP2034

| Sample | 13 | ASC | 12.5 | MYOB | 12 | 13.5 | MYOB | 13.5 | MY



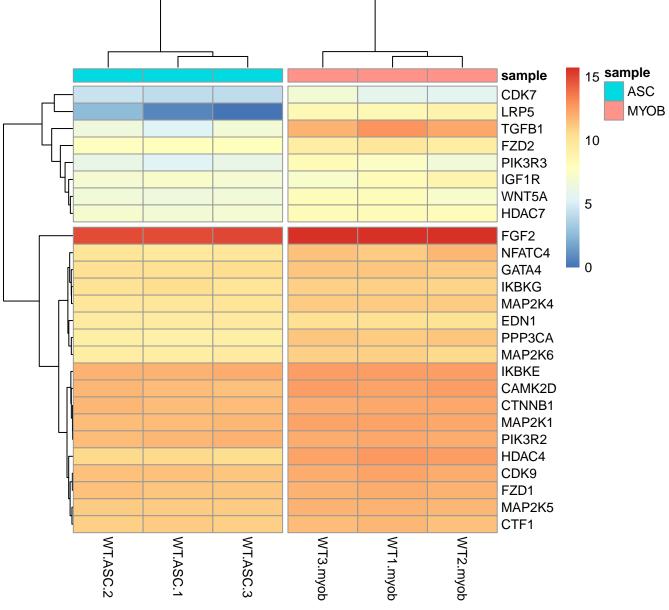
Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_LEPTIN\_SIGNALING\_PATHWAY-WP2034 sample sample ASC 1 **IKBKG** MYOB 0.5 SRC 0 SHC1 -0.5FOXO1 BAX FYN JAK2 BCL2L1 ELK1 PLCG1 WT.ASC.3 WT.ASC.1 WT.ASC.2 WT2.myob WT1.myob WT3.myob

## Expressed Matrix from Normalized for genes in HWAYS\_MM\_MICRORNAS\_IN\_CARDIOMYOCYTE\_HYPERTROPHY-WP1544

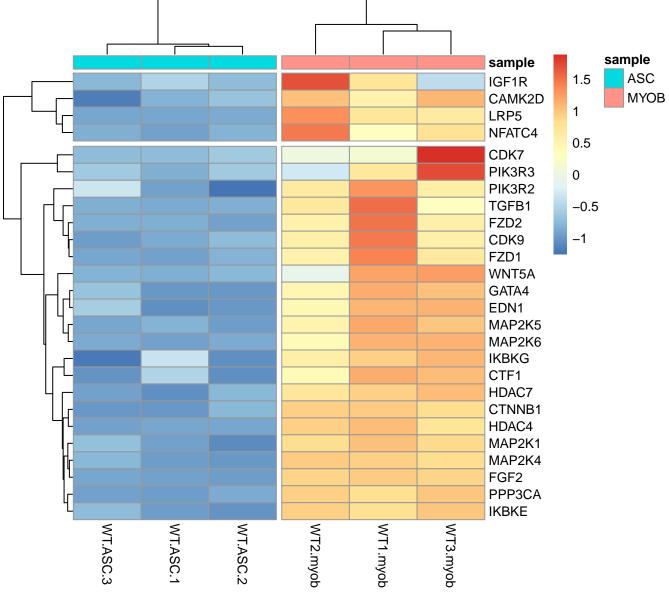


#### **Expressed Matrix for genes active in** THWAYS\_MM\_MICRORNAS\_IN\_CARDIOMYOCYTE\_HYPERTROPHY-WP1544

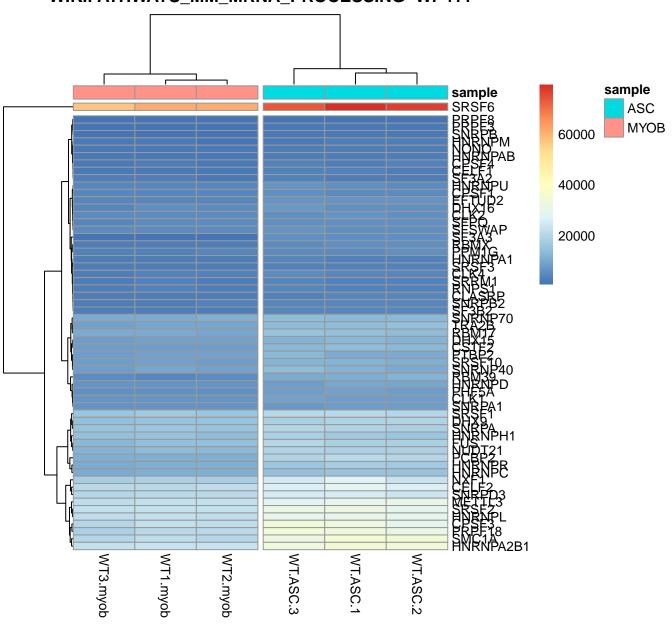




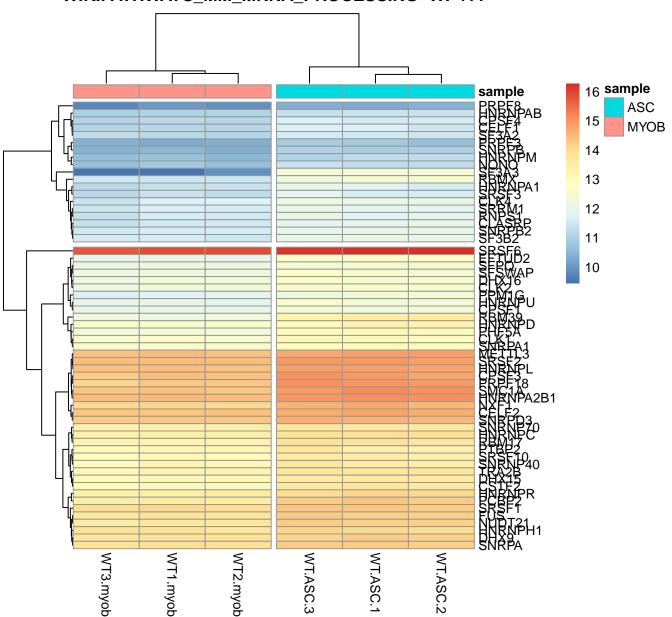
### Scalling expressed matrix for genes active in HWAYS\_MM\_MICRORNAS\_IN\_CARDIOMYOCYTE\_HYPERTROPHY-WP1544



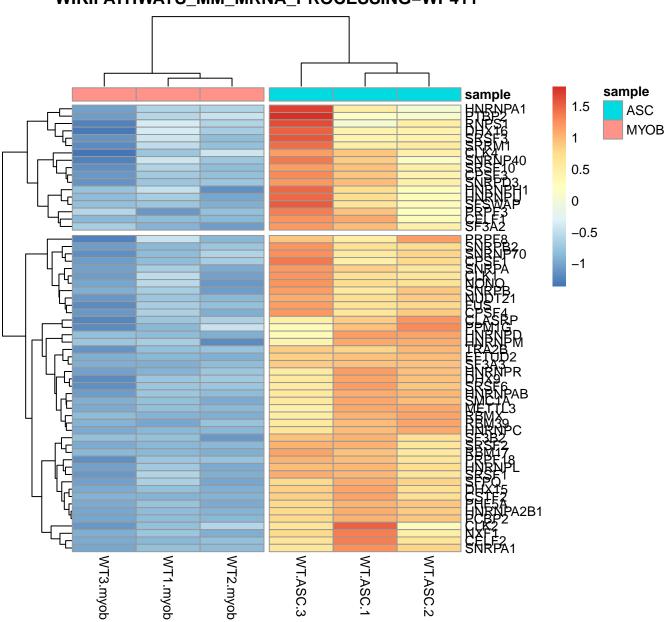
Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_MRNA\_PROCESSING-WP411



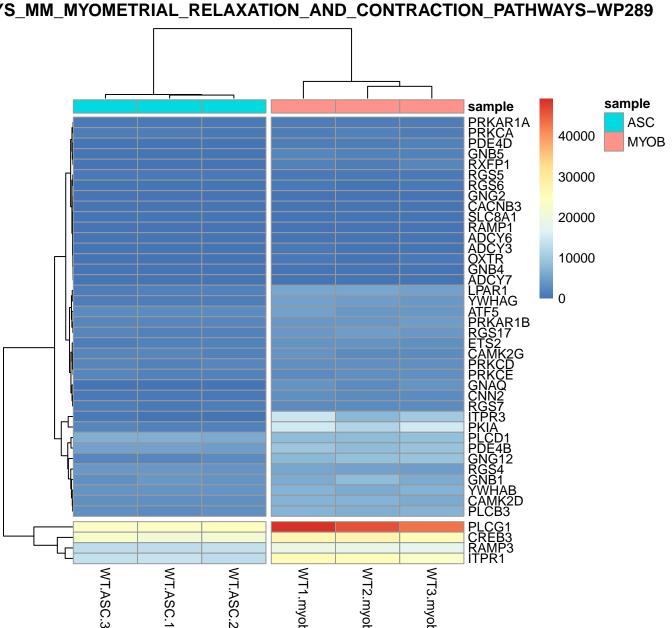
Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_MRNA\_PROCESSING-WP411



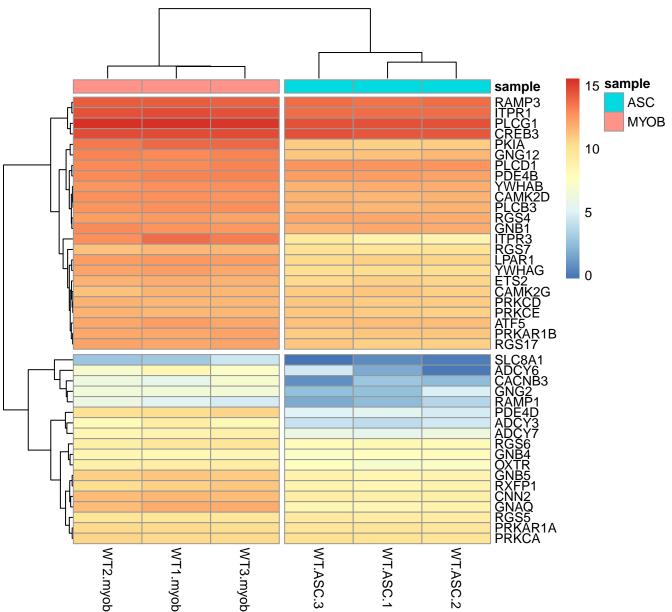
Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_MRNA\_PROCESSING-WP411



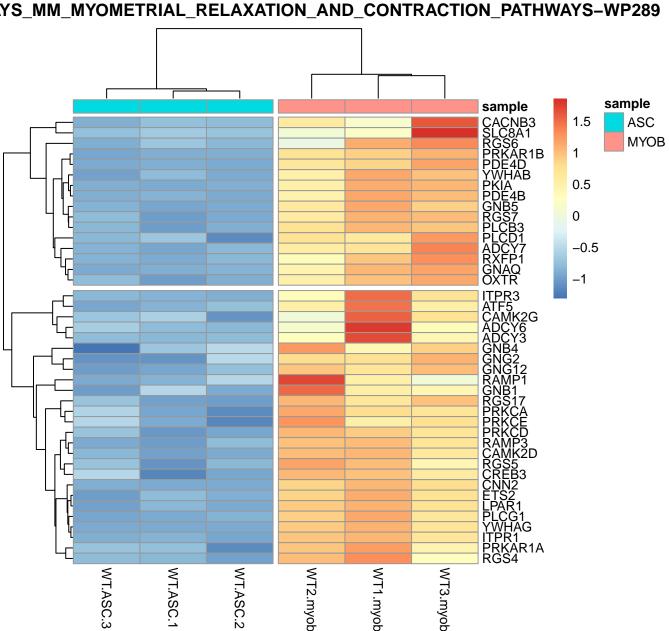
Expressed Matrix from Normalized for genes in



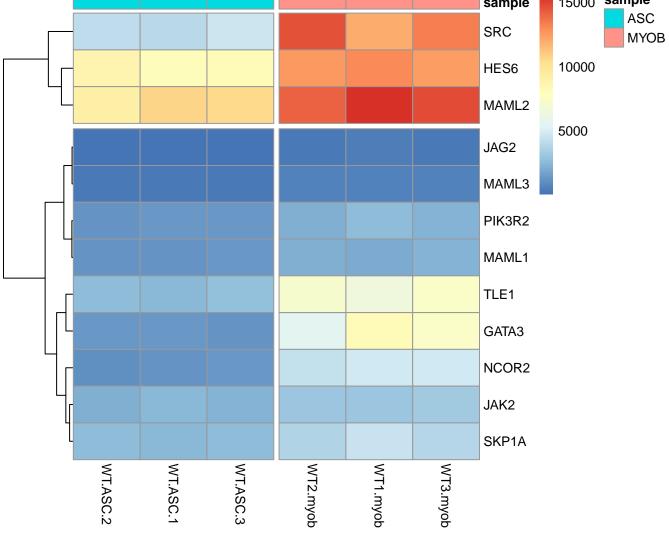
Expressed Matrix for genes active in AYS\_MM\_MYOMETRIAL\_RELAXATION\_AND\_CONTRACTION\_PATHWAYS-WP289



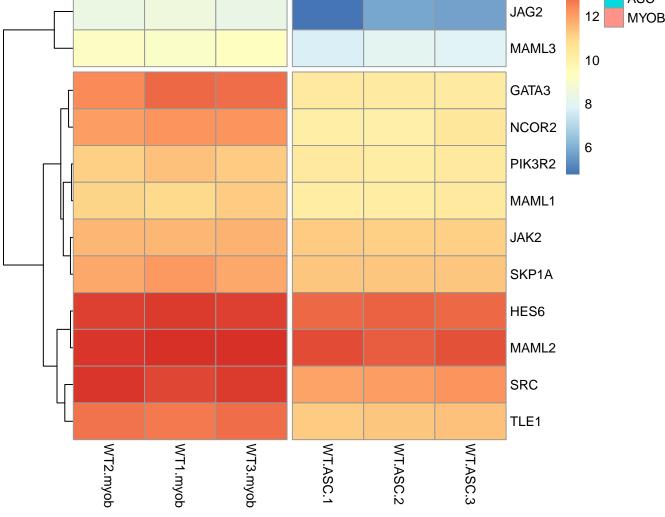
#### Scalling expressed matrix for genes active in YS MM MYOMETRIAL RELAXATION AND CONTRACTION



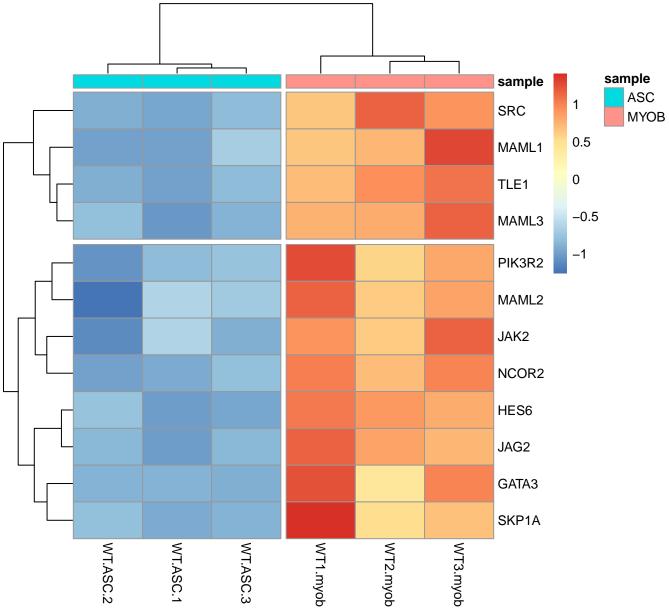
**Expressed Matrix from Normalized for genes in** WIKIPATHWAYS\_MM\_NOTCH\_SIGNALING\_PATHWAY-WP61 15000 sample sample ASC SRC 10000 HES6 MAML2 5000 JAG2



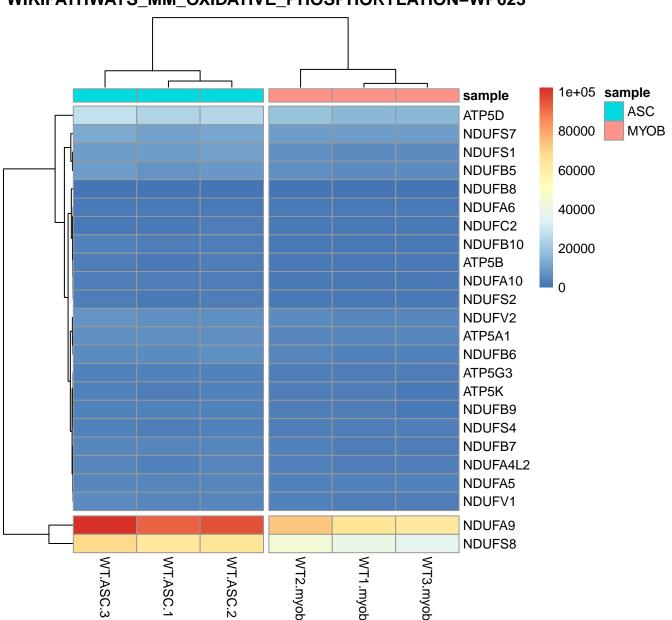
**Expressed Matrix for genes active in** WIKIPATHWAYS\_MM\_NOTCH\_SIGNALING\_PATHWAY-WP61 sample sample ASC JAG2 12 MYOB MAML3 10 GATA3 8 NCOR2 6 PIK3R2 MAML1 JAK2 SKP1A HES6 MAML2



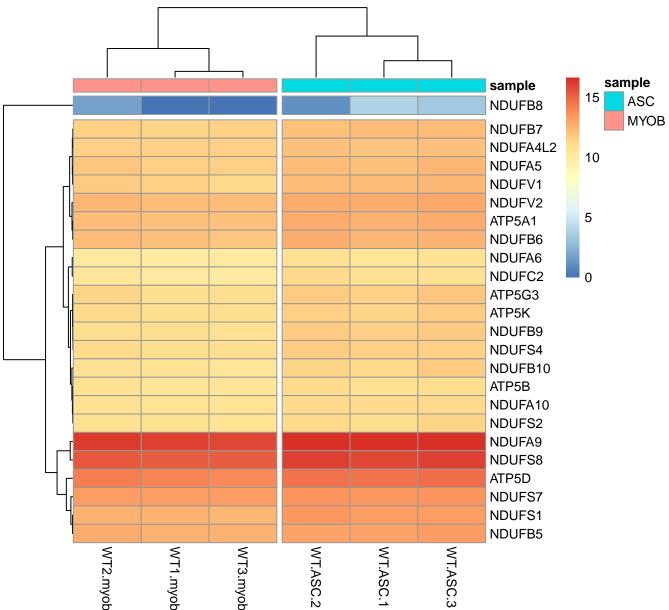
Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_NOTCH\_SIGNALING\_PATHWAY-WP61



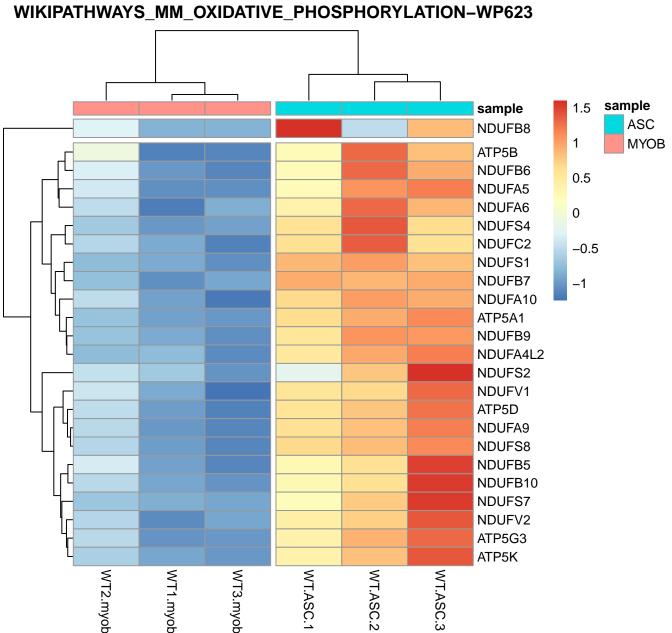
### Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_OXIDATIVE\_PHOSPHORYLATION-WP623



Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_OXIDATIVE\_PHOSPHORYLATION-WP623

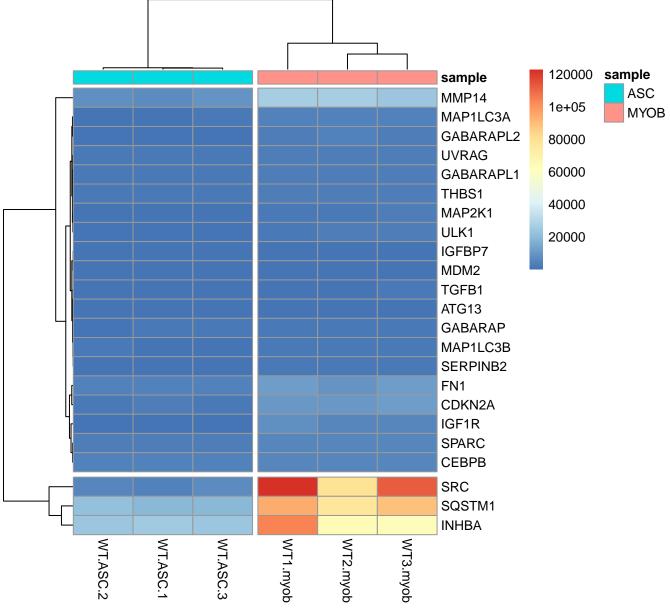


Scalling expressed matrix for genes active in

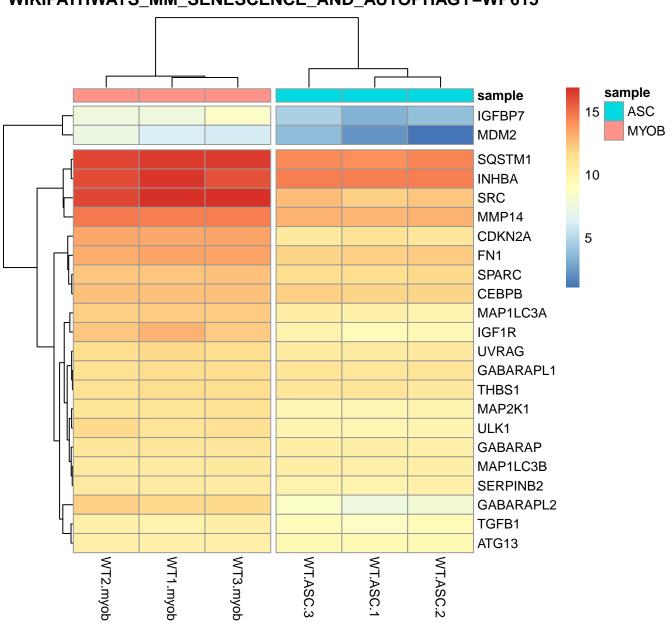


VIKIPATHWAYS\_MM\_SENESCENCE\_AND\_AUTOPHAGY-WP615

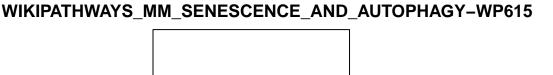
**Expressed Matrix from Normalized for genes in** 

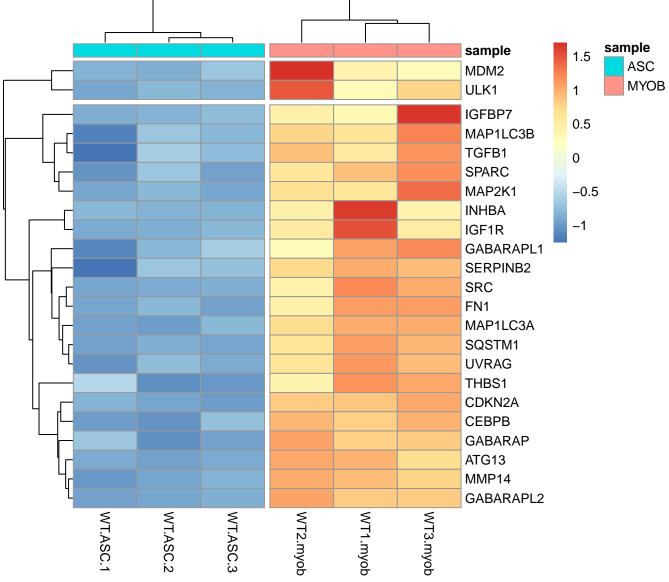


### Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_SENESCENCE\_AND\_AUTOPHAGY-WP615



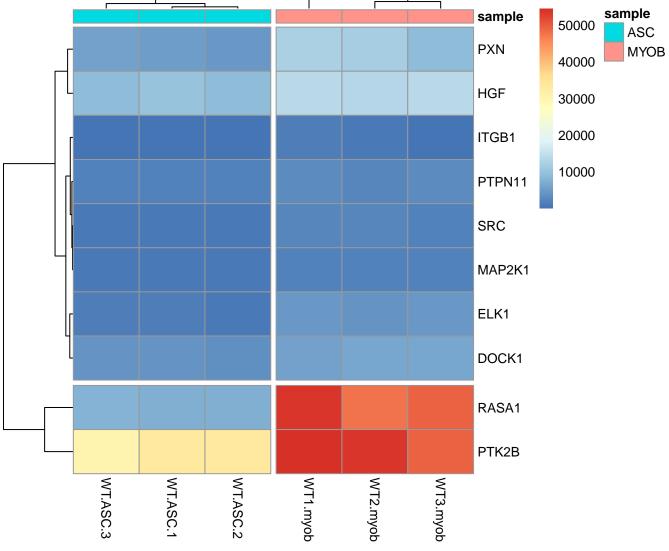
#### Scalling expressed matrix for genes active in



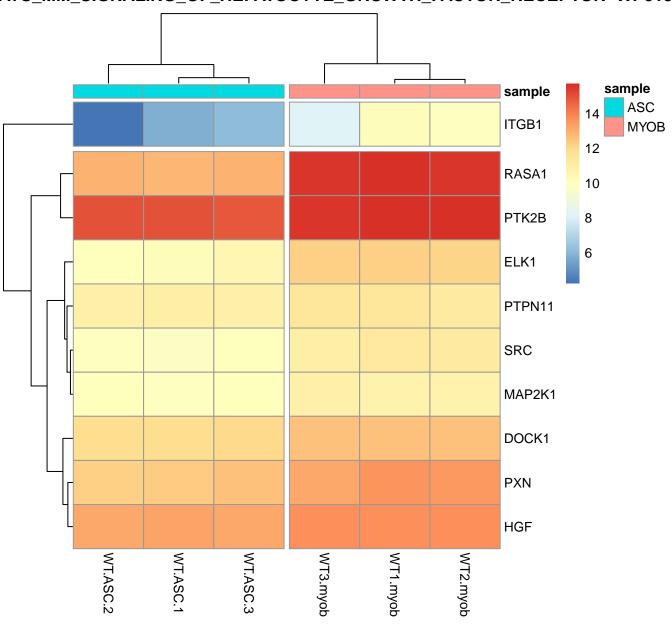


YS\_MM\_SIGNALING\_OF\_HEPATOCYTE\_GROWTH\_FACTOR\_RECEPTOR-WP313 sample sample 50000 ASC **PXN** 40000 **HGF** 30000

**Expressed Matrix from Normalized for genes in** 



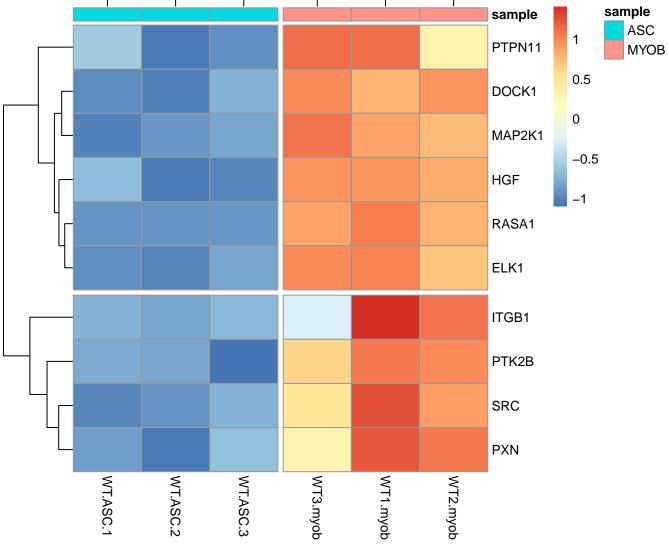
#### Expressed Matrix for genes active in AYS\_MM\_SIGNALING\_OF\_HEPATOCYTE\_GROWTH\_FACTOR\_RECEPTOR-WP313



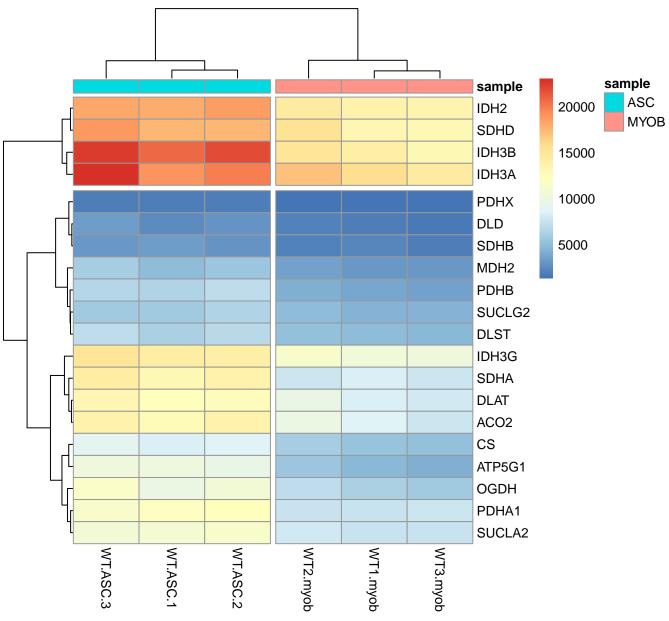
AYS\_MM\_SIGNALING\_OF\_HEPATOCYTE\_GROWTH\_FACTOR\_RECEPTOR=WP313

sample
1
ASC
MYOB

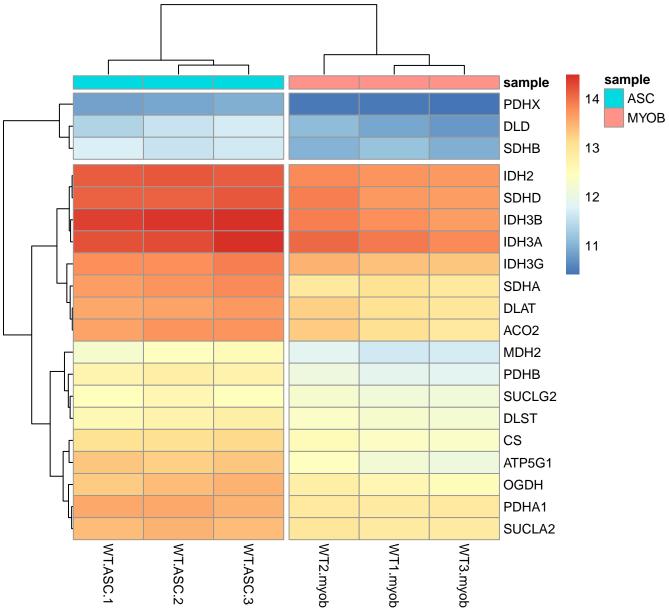
Scalling expressed matrix for genes active in



# Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_TCA\_CYCLE-WP78



Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_TCA\_CYCLE-WP78



Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_TCA\_CYCLE-WP78

