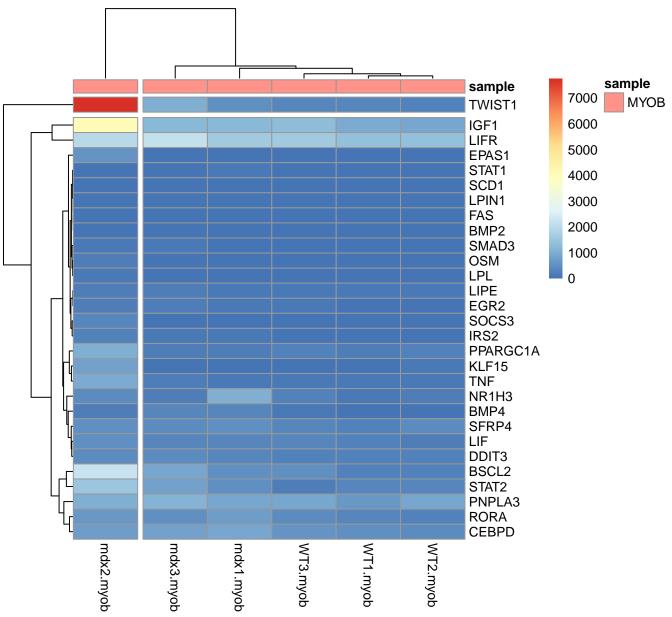
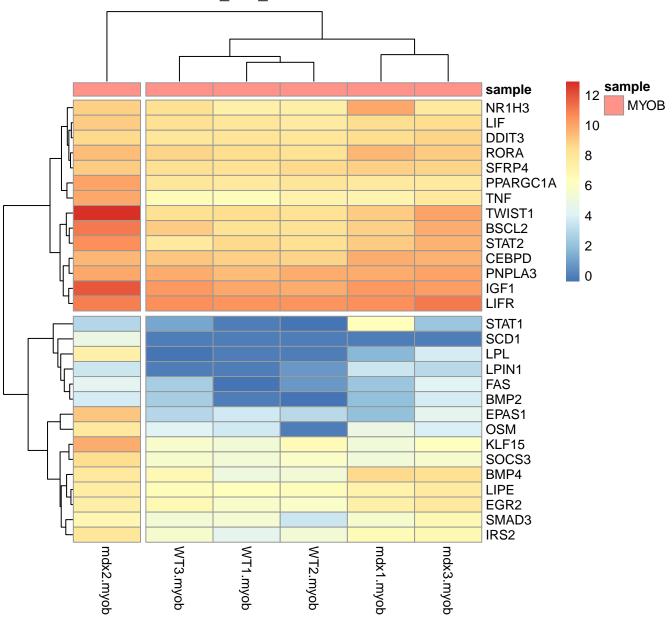
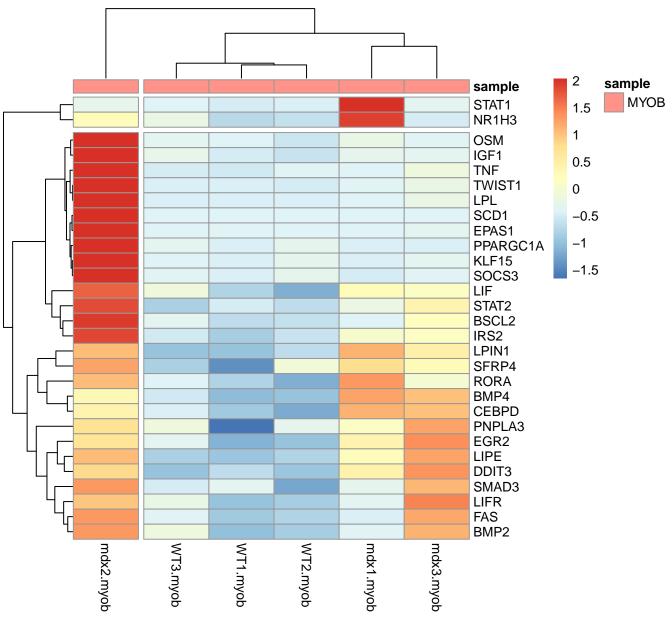
## Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_ADIPOGENESIS-WP236

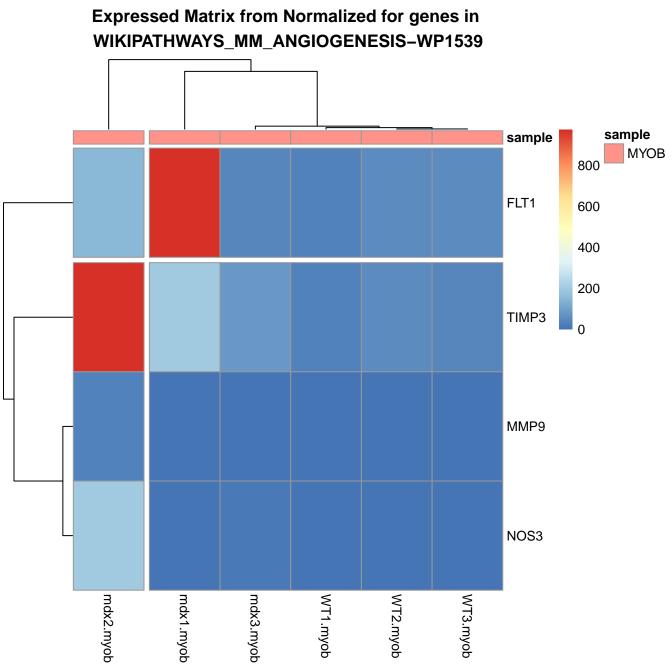


## Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_ADIPOGENESIS-WP236



## Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_ADIPOGENESIS-WP236



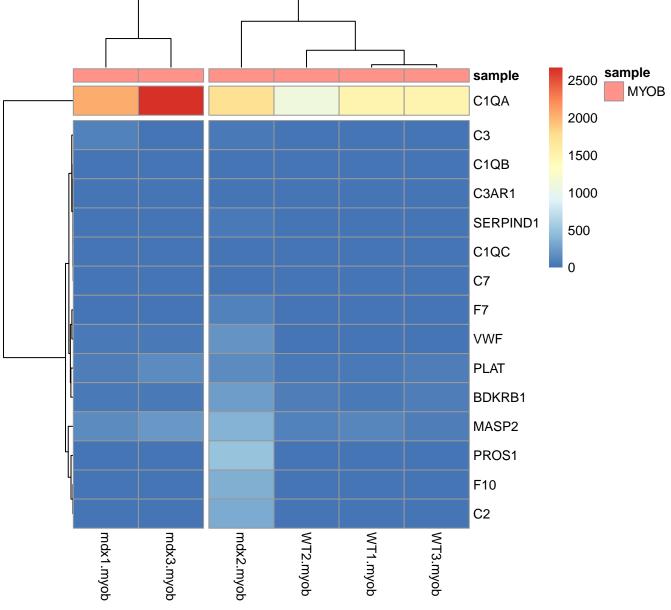


**Expressed Matrix for genes active in** WIKIPATHWAYS\_MM\_ANGIOGENESIS-WP1539 sample sample MYOB 8 TIMP3 6 4 2 FLT1 MMP9 NOS3 mdx2.myob mdx1.myob mdx3.myob WT1.myob WT2.myob WT3.myob

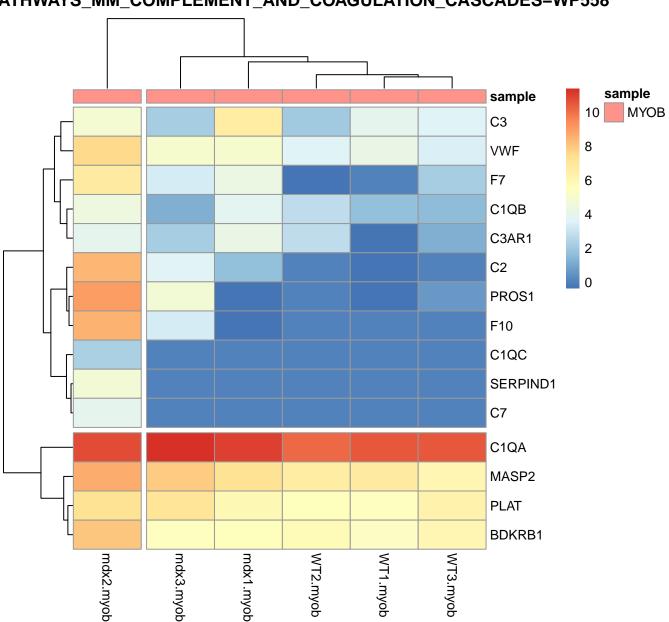
Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_ANGIOGENESIS-WP1539 2 sample sample MYOB 1.5 FLT1 1 0.5 0 TIMP3 -0.5 MMP9 NOS3 mdx2.myob mdx1.myob WT2.myob WT3.myob WT1.myob mdx3.myob

#### Expressed Matrix from Normalized for genes in

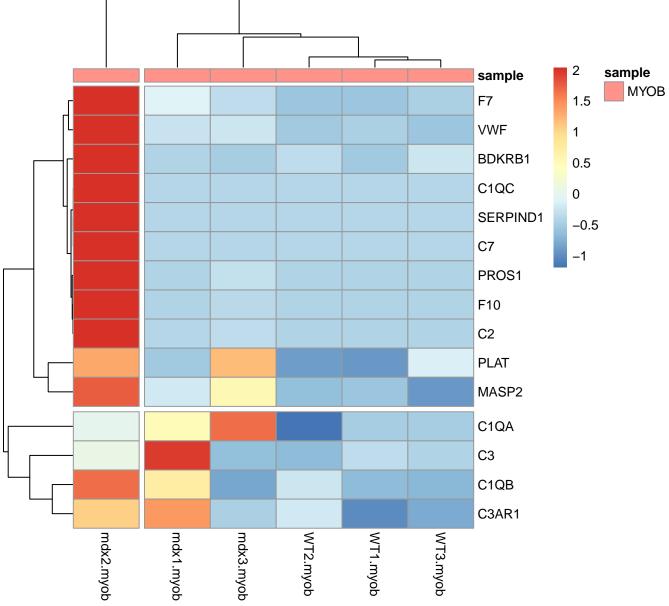
THWAYS\_MM\_COMPLEMENT\_AND\_COAGULATION\_CASCADES-WP558



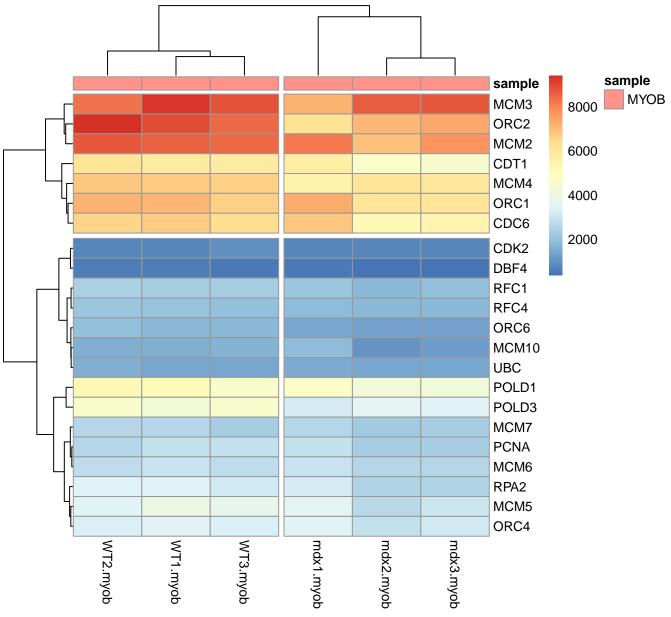
### Expressed Matrix for genes active in ATHWAYS\_MM\_COMPLEMENT\_AND\_COAGULATION\_CASCADES-WP558



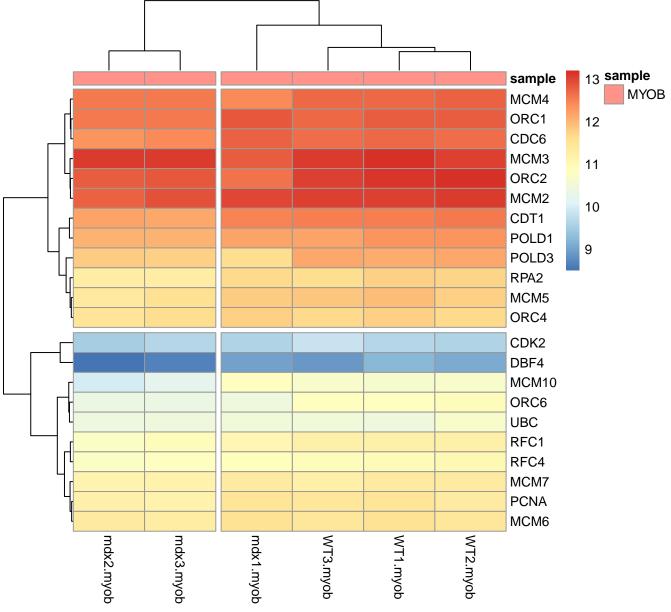
# Scalling expressed matrix for genes active in ATHWAYS\_MM\_COMPLEMENT\_AND\_COAGULATION\_CASCADES-WP558



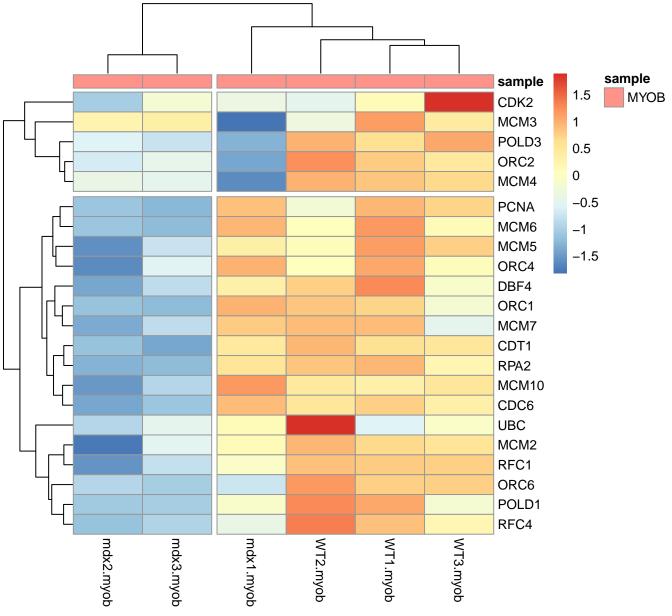
Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_DNA\_REPLICATION-WP466



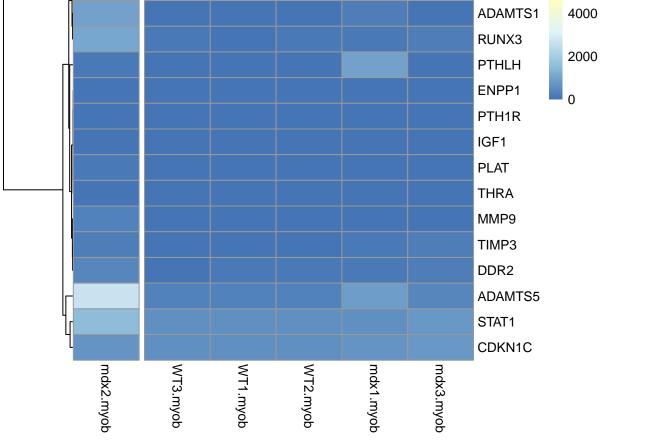
Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_DNA\_REPLICATION-WP466



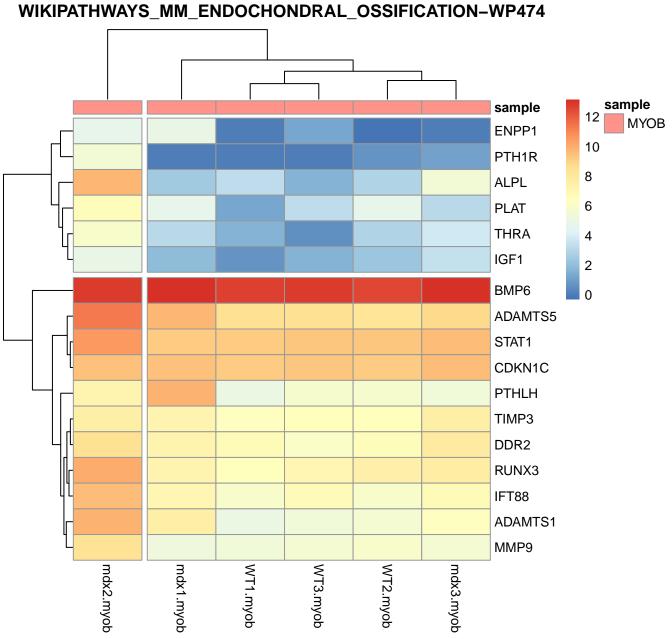
# Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_DNA\_REPLICATION-WP466



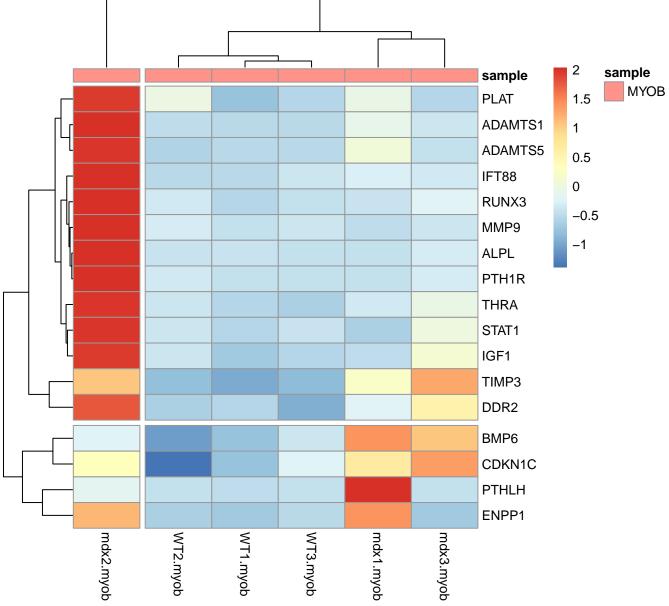
**Expressed Matrix from Normalized for genes in** WIKIPATHWAYS\_MM\_ENDOCHONDRAL\_OSSIFICATION-WP474 sample sample MYOB 8000 BMP6 ALPL 6000 IFT88 ADAMTS1 4000 RUNX3 2000 PTHLH ENPP1 PTH1R IGF1 **PLAT THRA** MMP9 TIMP3 DDR2 ADAMTS5



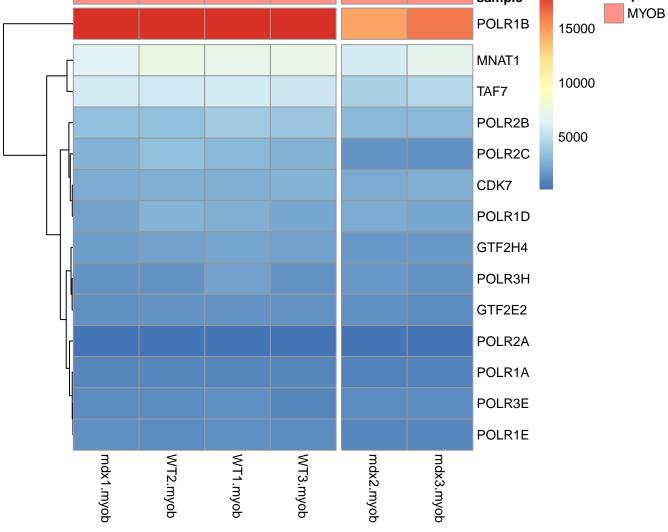
Expressed Matrix for genes active in



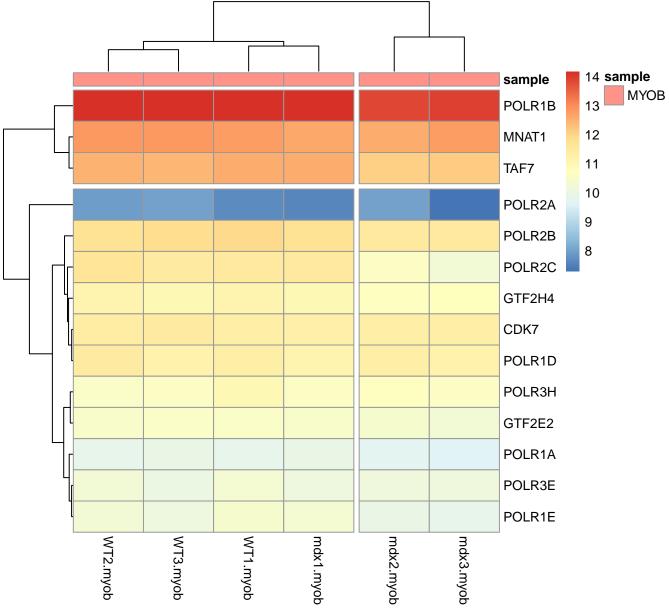
Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_ENDOCHONDRAL\_OSSIFICATION-WP474



**Expressed Matrix from Normalized for genes in** IPATHWAYS\_MM\_EUKARYOTIC\_TRANSCRIPTION\_INITIATION-WP405 sample sample MYOB POLR1B 15000 MNAT1 10000 TAF7 POLR2B 5000 POLR2C

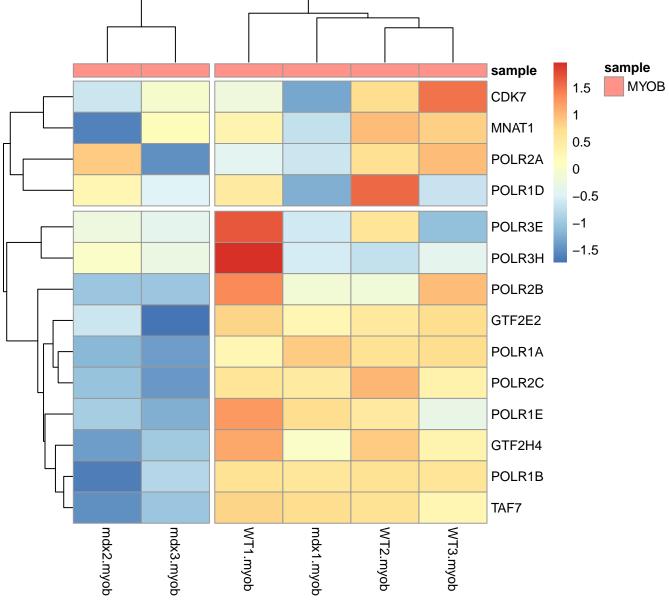


# Expressed Matrix for genes active in IKIPATHWAYS\_MM\_EUKARYOTIC\_TRANSCRIPTION\_INITIATION-WP405

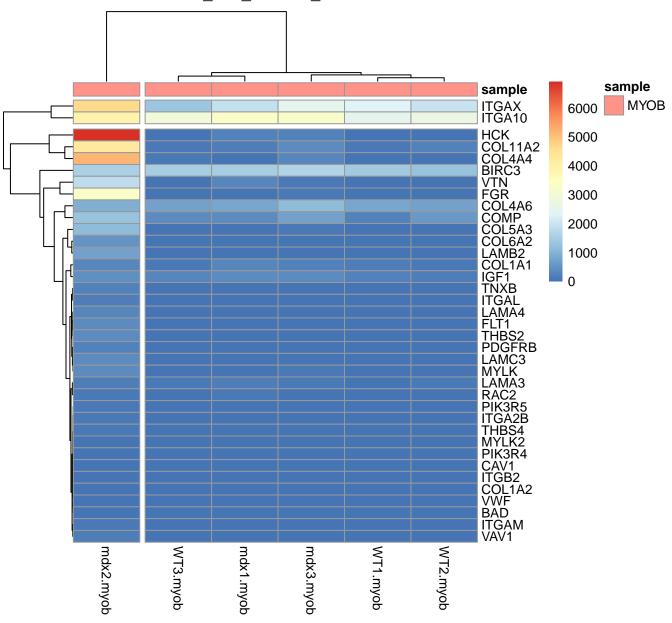


KIPATHWAYS\_MM\_EUKARYOTIC\_TRANSCRIPTION\_INITIATION-WP405

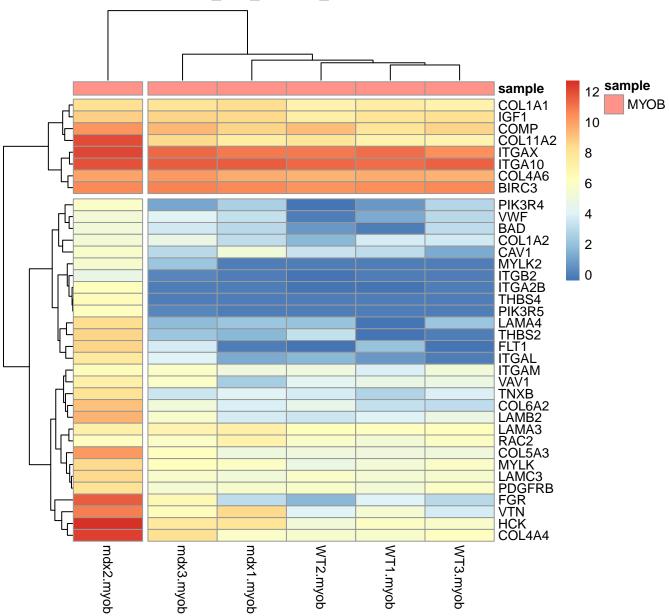
Scalling expressed matrix for genes active in



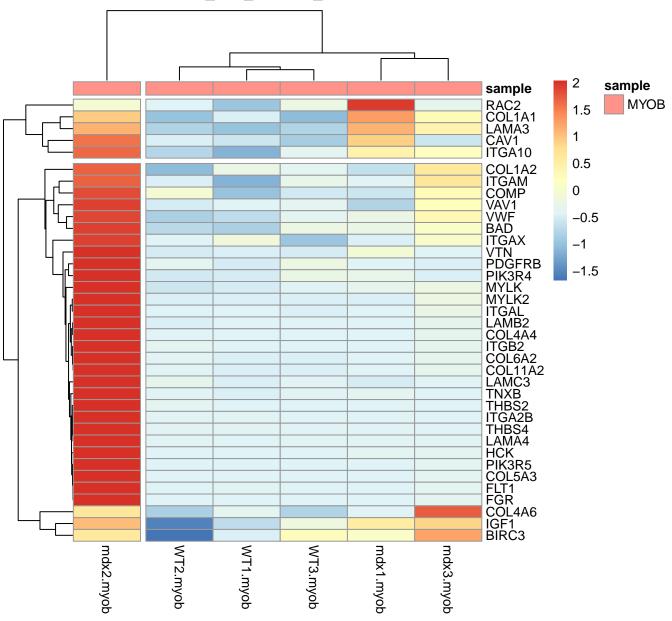
#### Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_FOCAL\_ADHESION-WP306



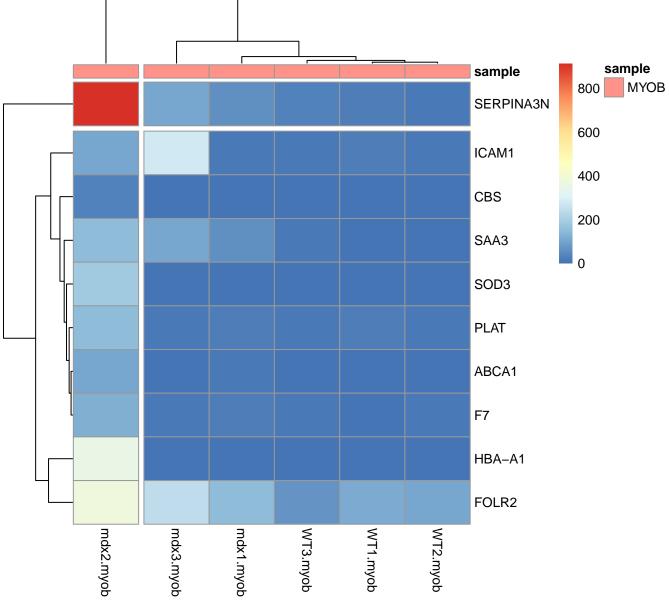
Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_FOCAL\_ADHESION-WP306



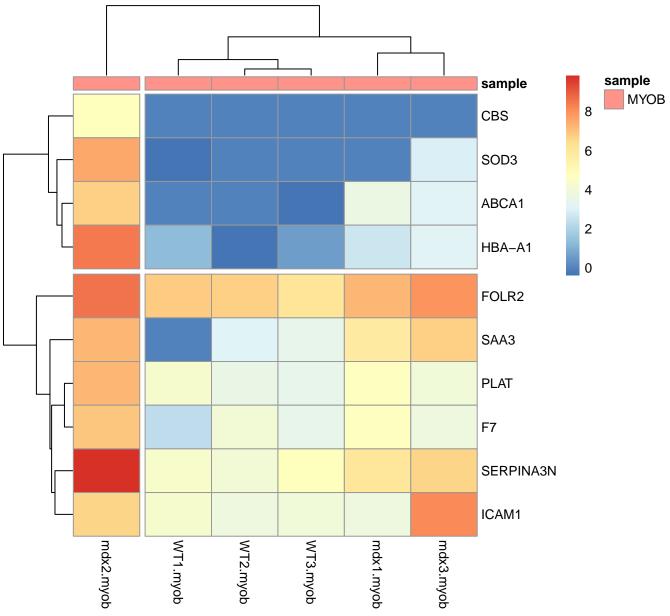
#### Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_FOCAL\_ADHESION-WP306



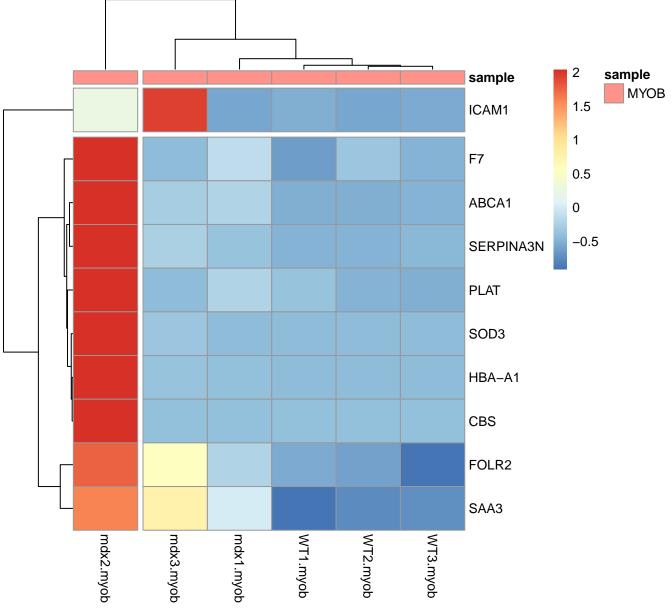
Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_FOLATE\_METABOLISM-WP176



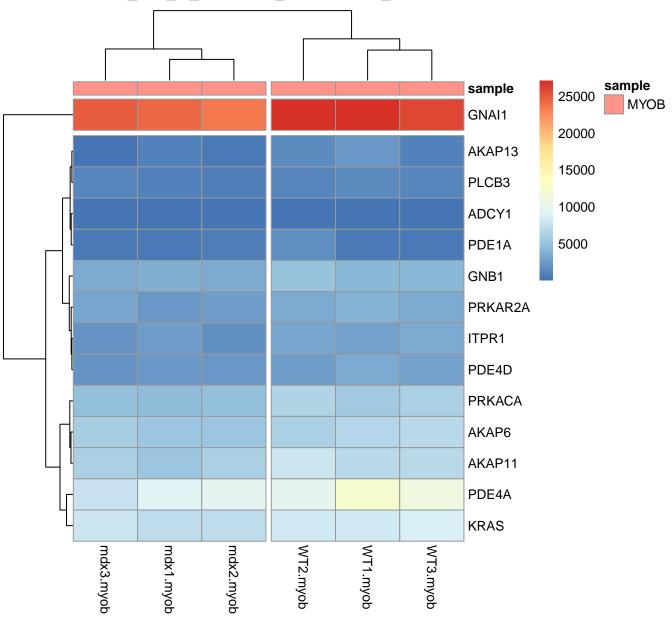
Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_FOLATE\_METABOLISM-WP176



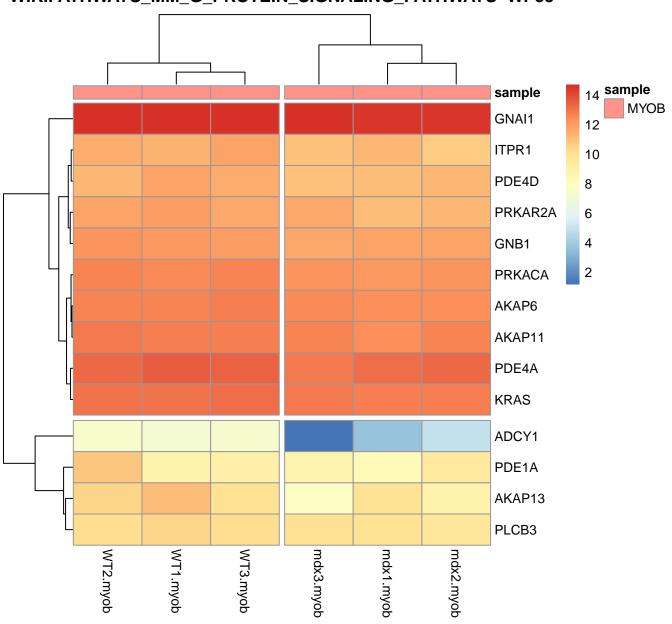
Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_FOLATE\_METABOLISM-WP176



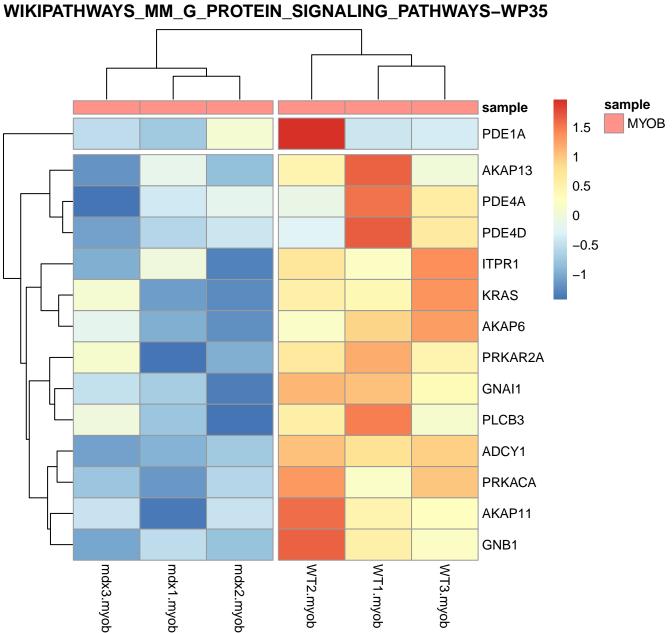
#### Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_G\_PROTEIN\_SIGNALING\_PATHWAYS-WP35



Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_G\_PROTEIN\_SIGNALING\_PATHWAYS-WP35

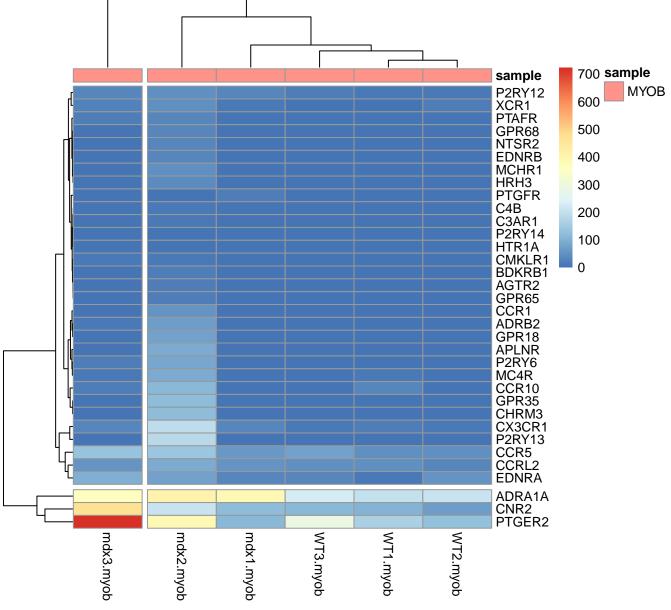


#### Scalling expressed matrix for genes active in



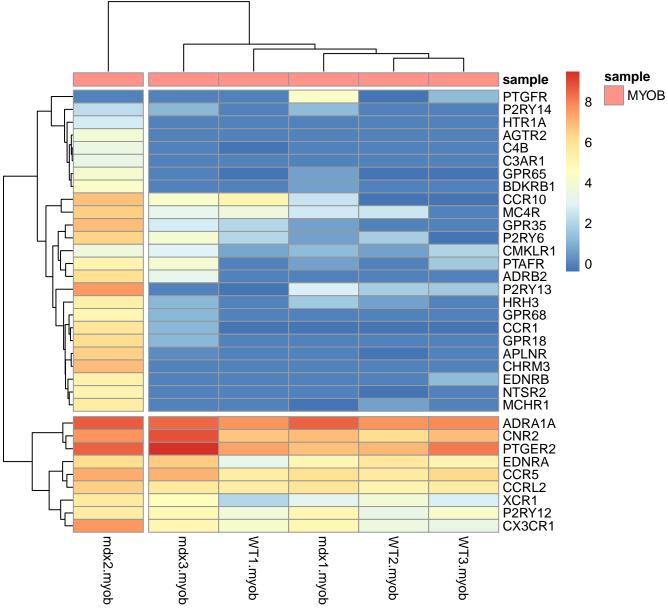
#### Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_GPCRS\_CLASS\_A\_RHODOPSIN-LIKE-WP455



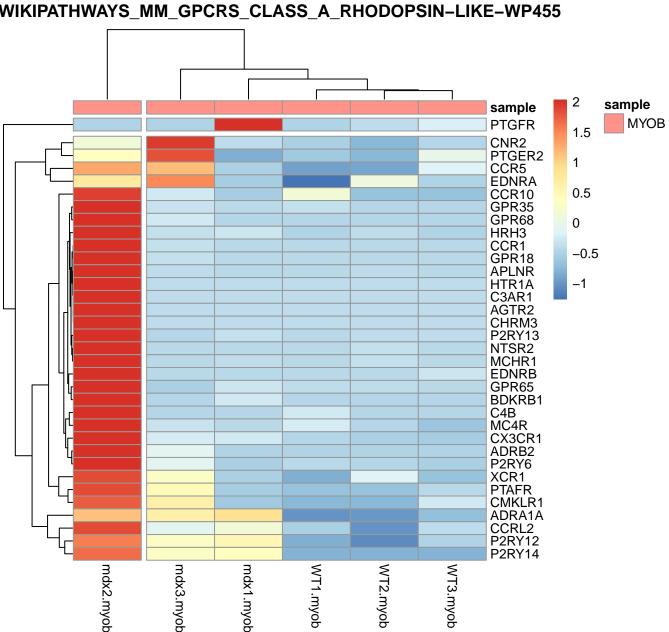


#### **Expressed Matrix for genes active in** WIKIPATHWAYS\_MM\_GPCRS\_CLASS\_A\_RHODOPSIN-LIKE-WP455

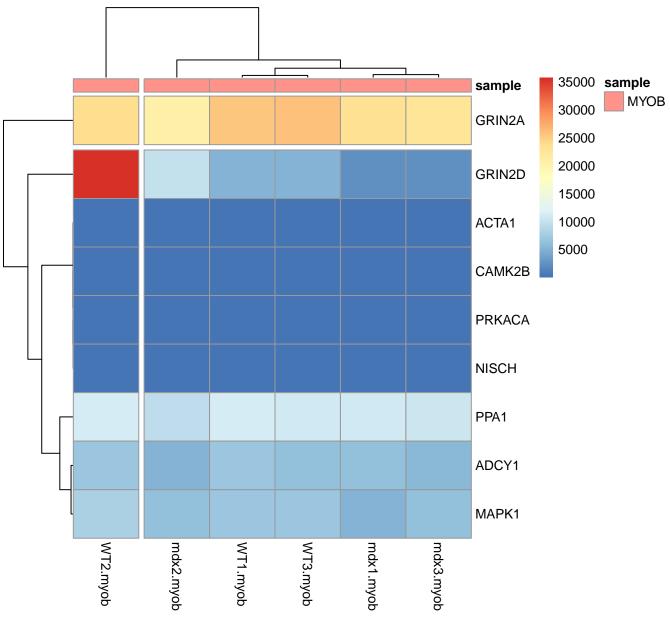




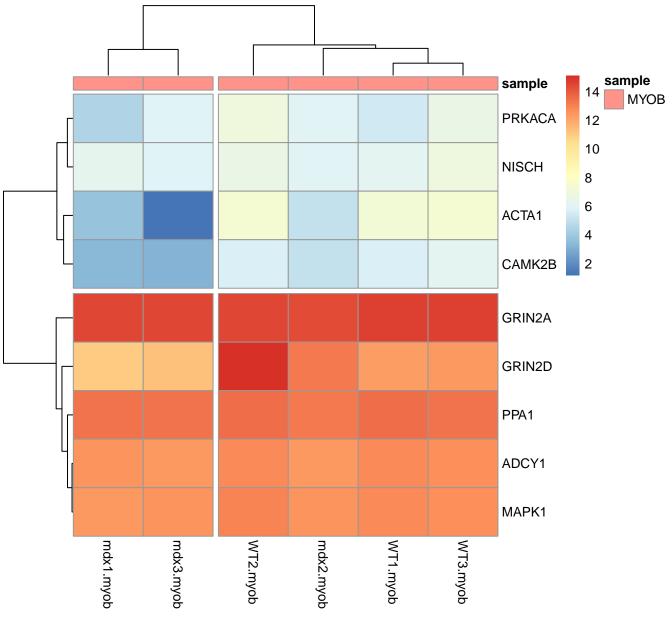
#### Scalling expressed matrix for genes active in



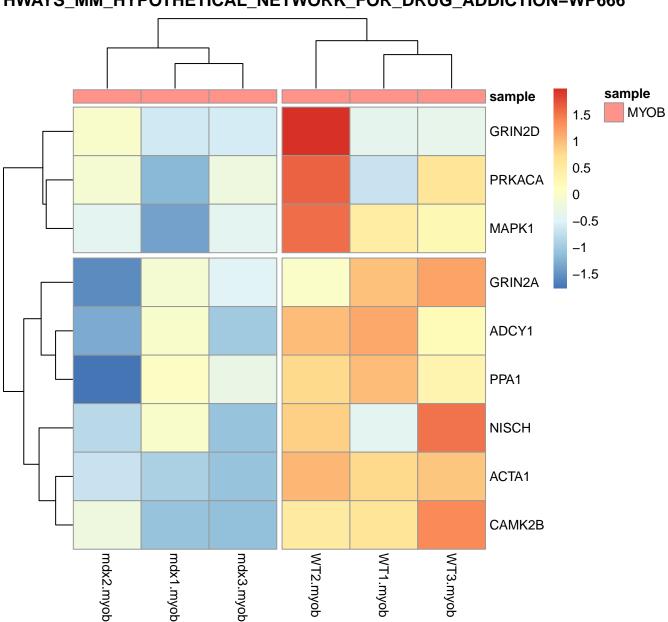
Expressed Matrix from Normalized for genes in HWAYS\_MM\_HYPOTHETICAL\_NETWORK\_FOR\_DRUG\_ADDICTION-WP666



## Expressed Matrix for genes active in THWAYS\_MM\_HYPOTHETICAL\_NETWORK\_FOR\_DRUG\_ADDICTION-WP666

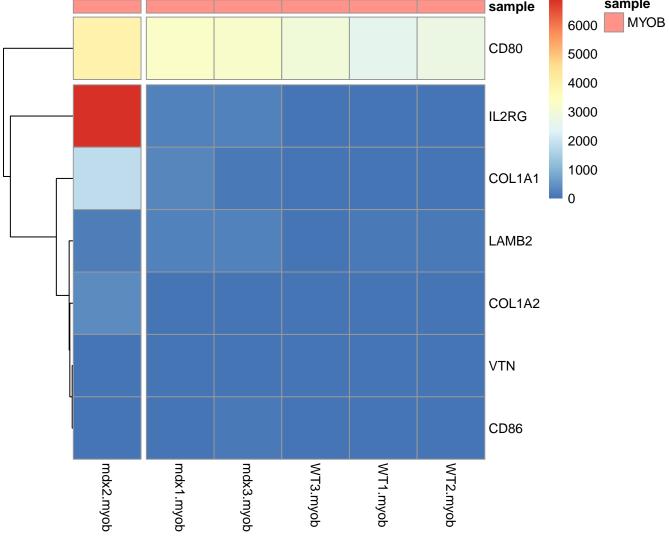


#### Scalling expressed matrix for genes active in <a href="https://www.commons.com/">THWAYS\_MM\_HYPOTHETICAL\_NETWORK\_FOR\_DRUG\_ADDICTION-WP666</a>

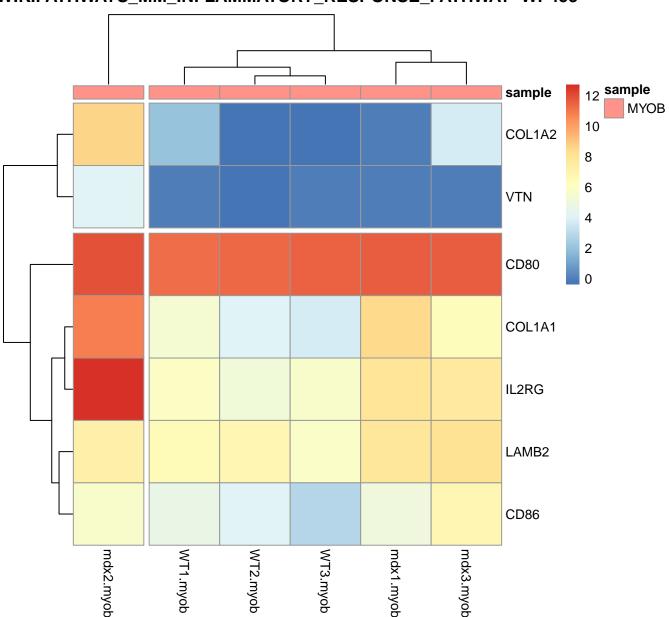


/IKIPATHWAYS\_MM\_INFLAMMATORY\_RESPONSE\_PATHWAY-WP453 sample sample 6000 CD80 5000 4000 3000 IL2RG

**Expressed Matrix from Normalized for genes in** 

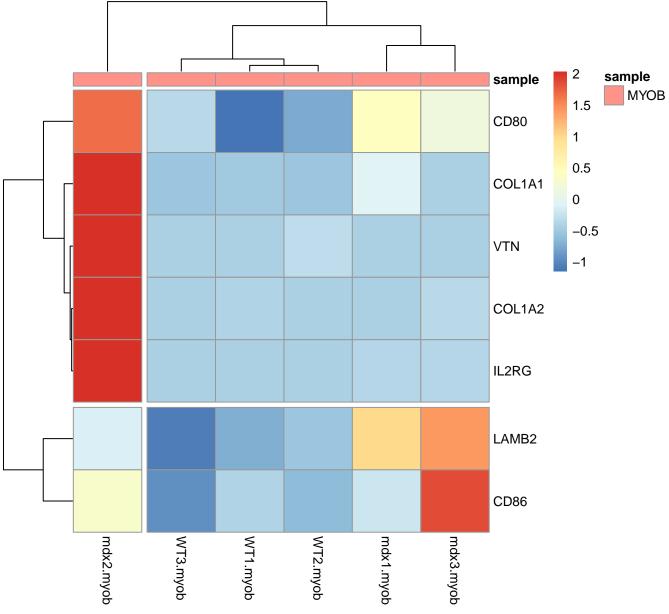


Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_INFLAMMATORY\_RESPONSE\_PATHWAY-WP453

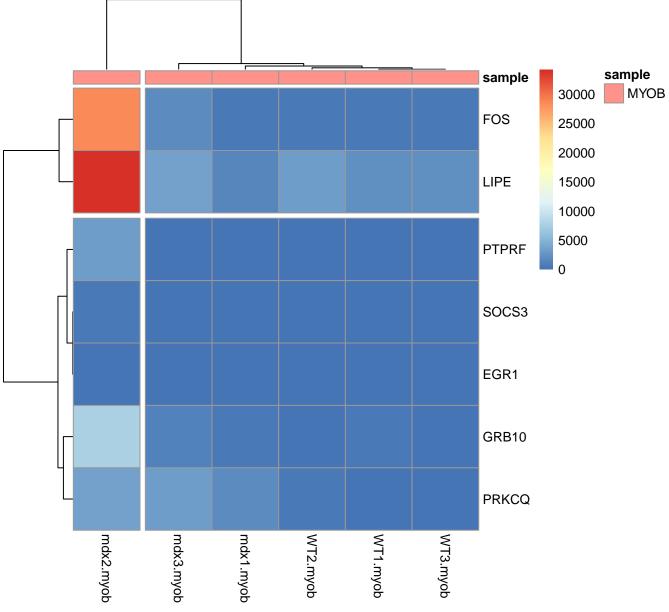


VIKIPATHWAYS\_MM\_INFLAMMATORY\_RESPONSE\_PATHWAY-WP453

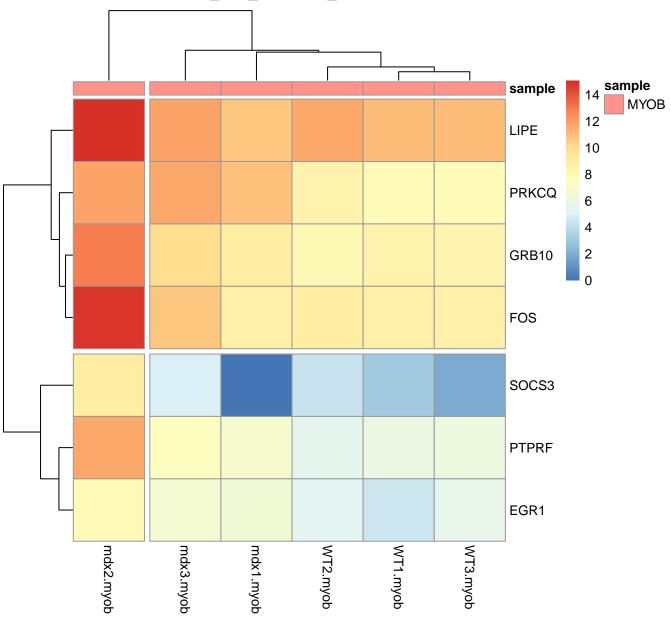
Scalling expressed matrix for genes active in



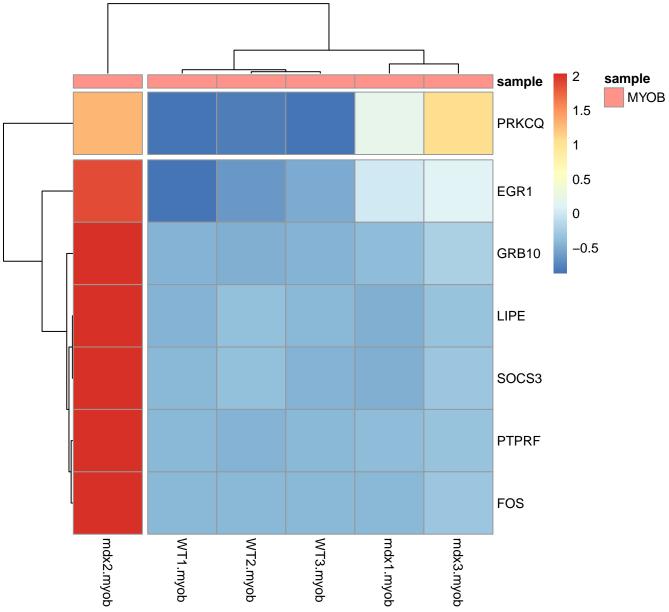
Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_INSULIN\_SIGNALING-WP481



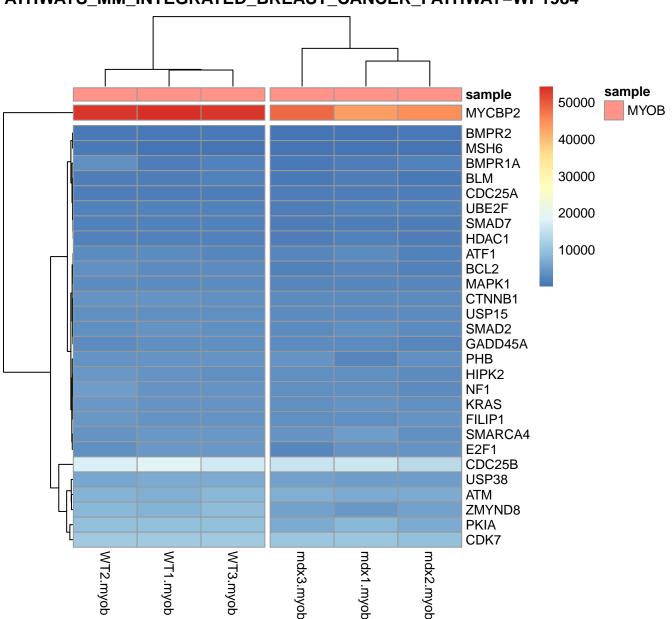
Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_INSULIN\_SIGNALING-WP481



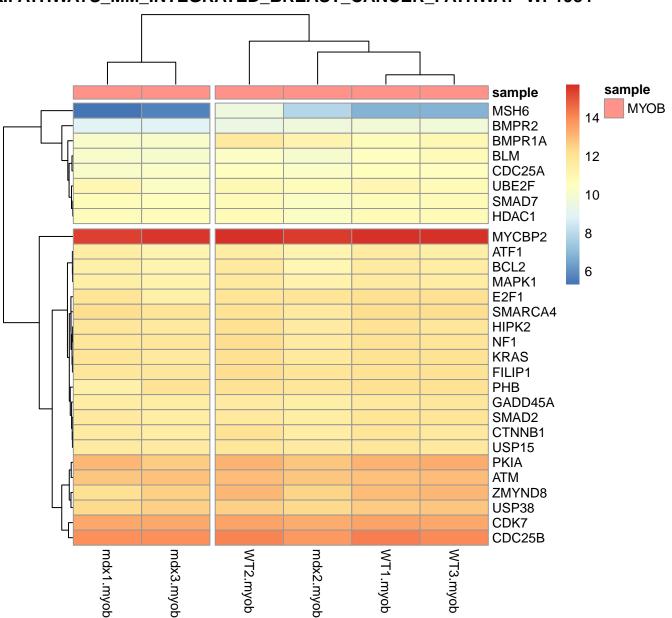
Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_INSULIN\_SIGNALING-WP481



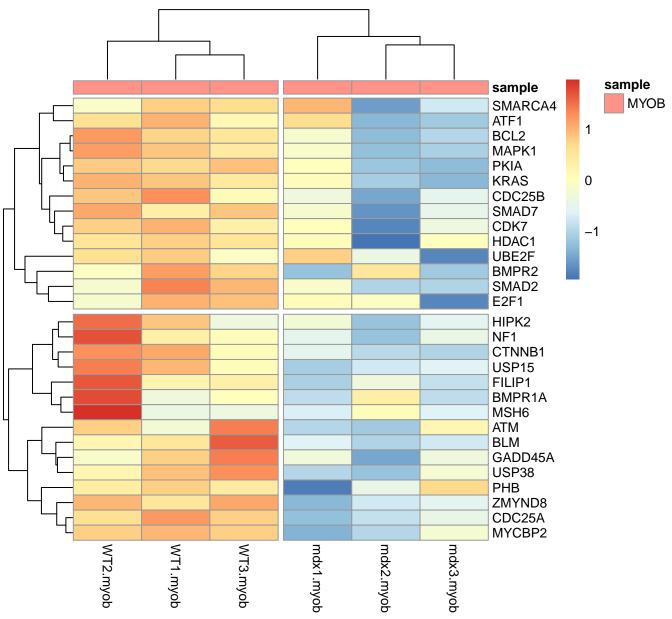
## Expressed Matrix from Normalized for genes in PATHWAYS\_MM\_INTEGRATED\_BREAST\_CANCER\_PATHWAY-WP1984



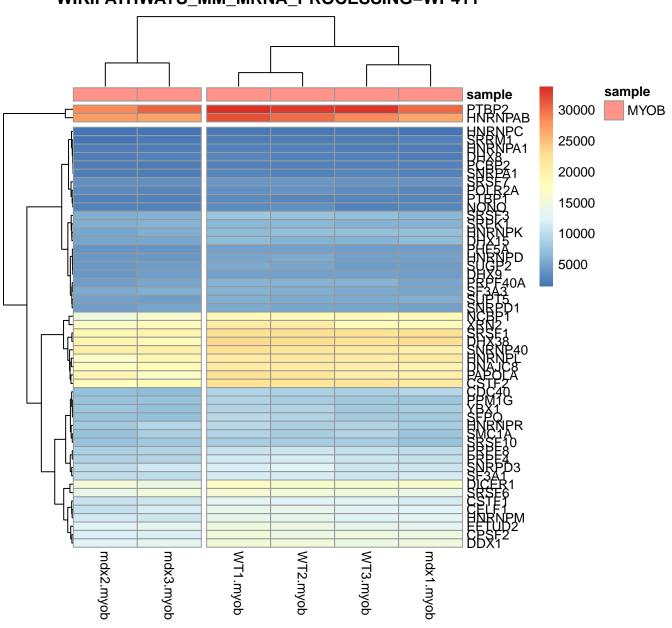
#### Expressed Matrix for genes active in IPATHWAYS\_MM\_INTEGRATED\_BREAST\_CANCER\_PATHWAY-WP1984



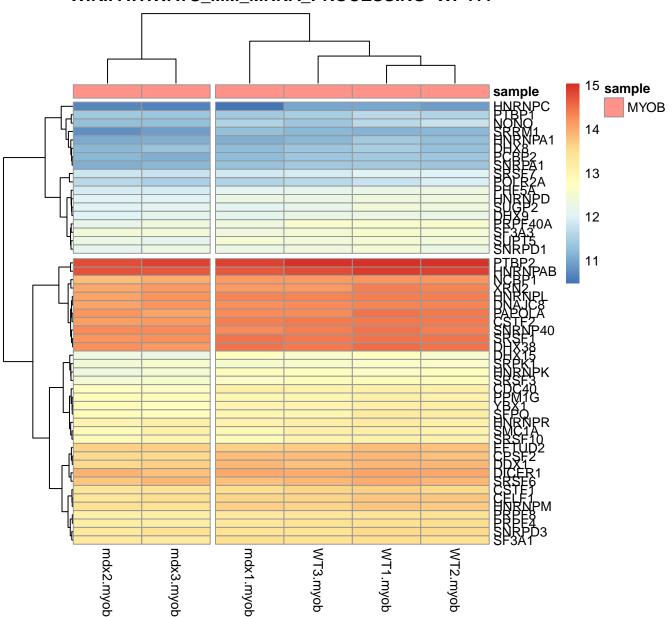
#### Scalling expressed matrix for genes active in IPATHWAYS\_MM\_INTEGRATED\_BREAST\_CANCER\_PATHWAY-WP1984



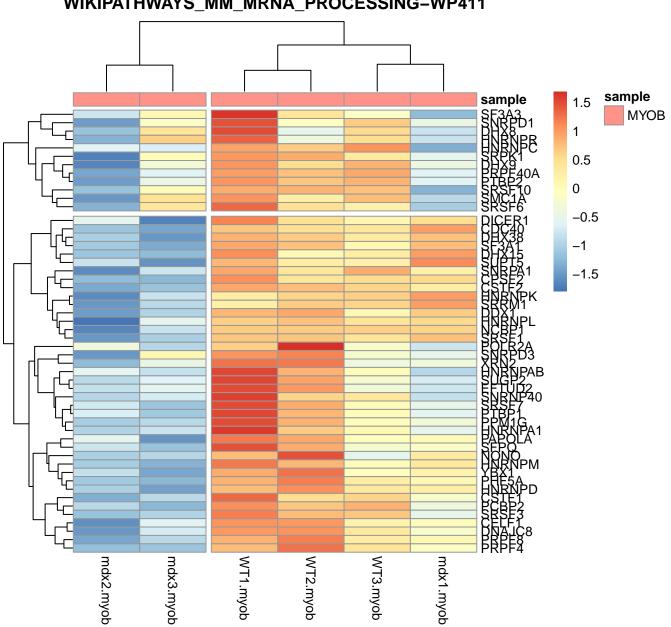
Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_MRNA\_PROCESSING-WP411



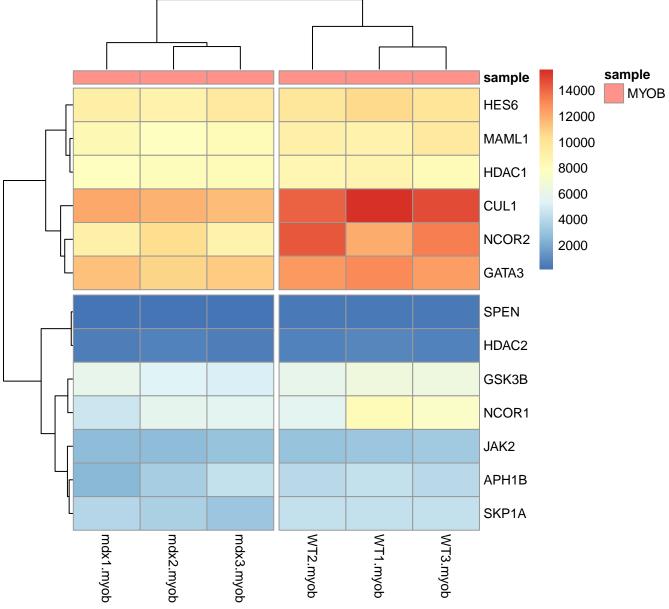
Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_MRNA\_PROCESSING-WP411



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

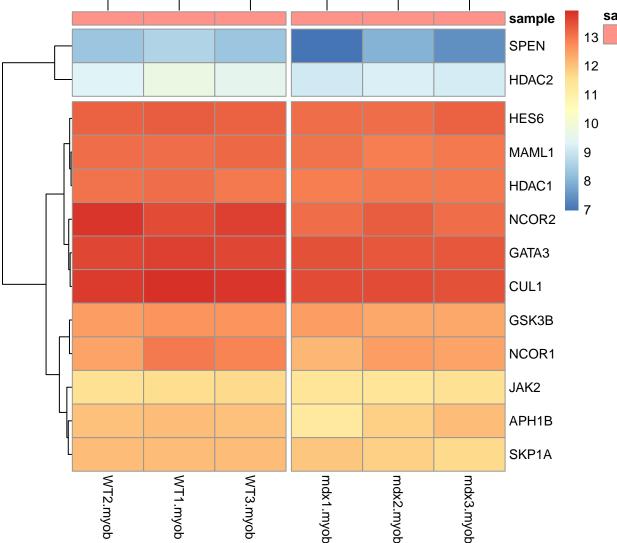


Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_NOTCH\_SIGNALING\_PATHWAY-WP61

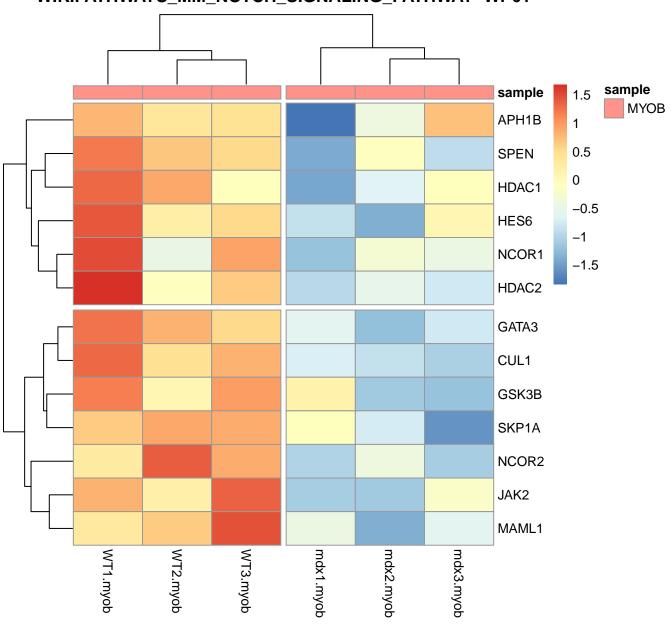


Expressed Matrix for genes active in
WIKIPATHWAYS\_MM\_NOTCH\_SIGNALING\_PATHWAY-WP61

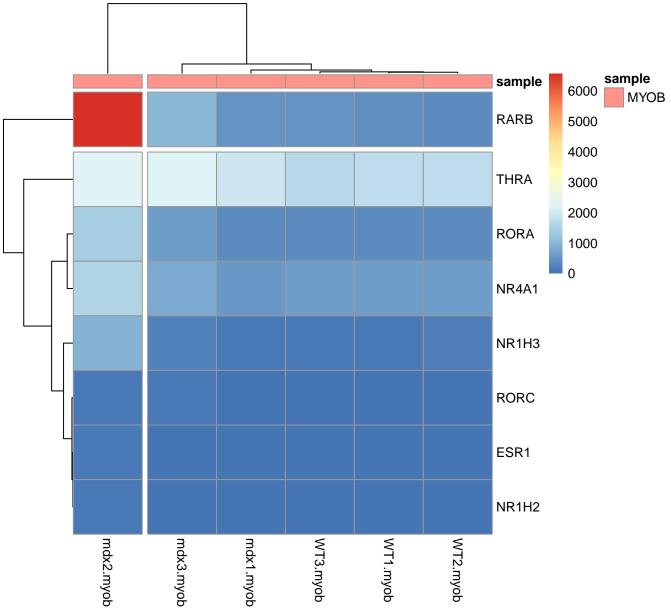
sample
13 MYOB
12
11



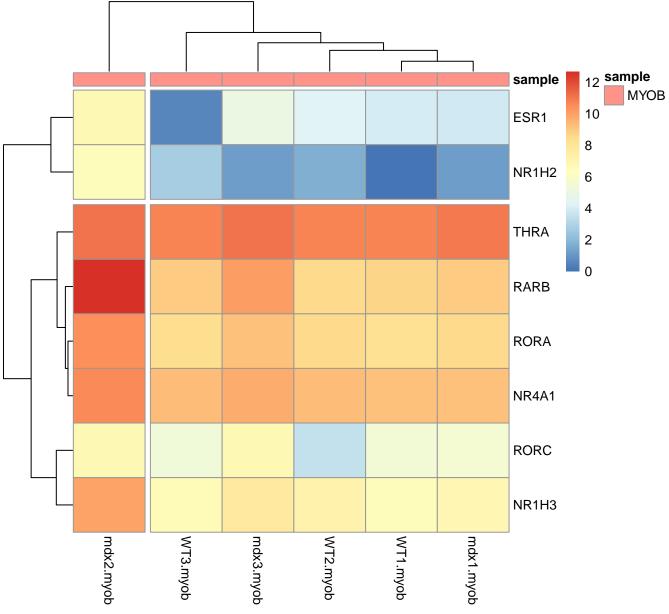
Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_NOTCH\_SIGNALING\_PATHWAY-WP61



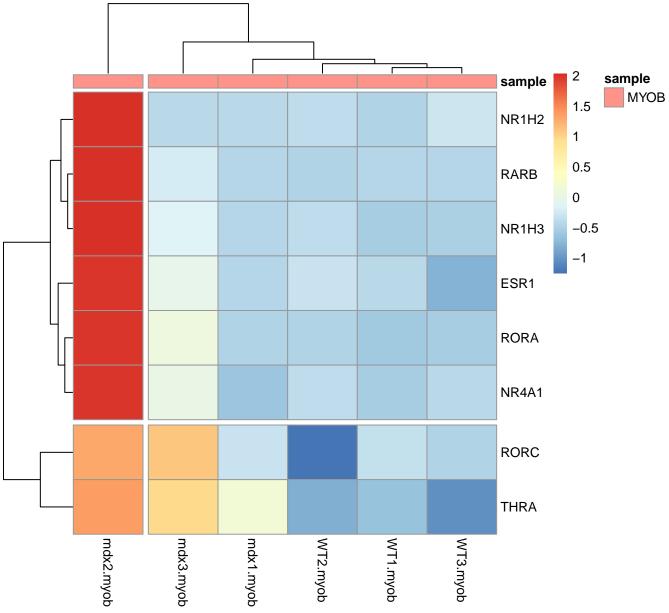
## Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_NUCLEAR\_RECEPTORS-WP170



# Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_NUCLEAR\_RECEPTORS-WP170

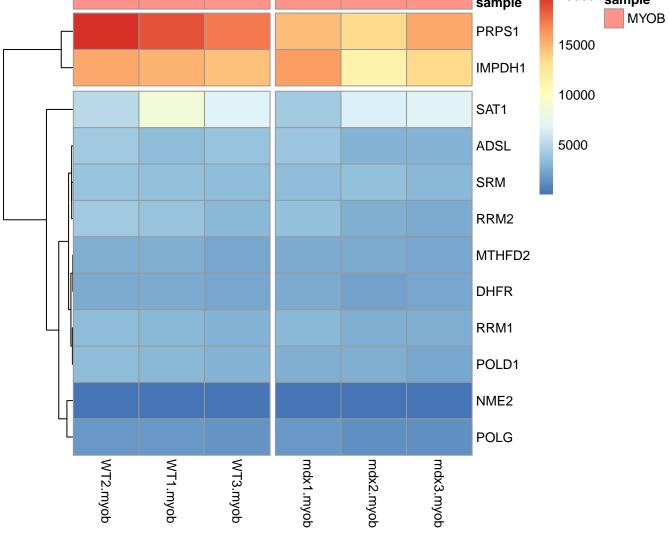


## Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_NUCLEAR\_RECEPTORS-WP170



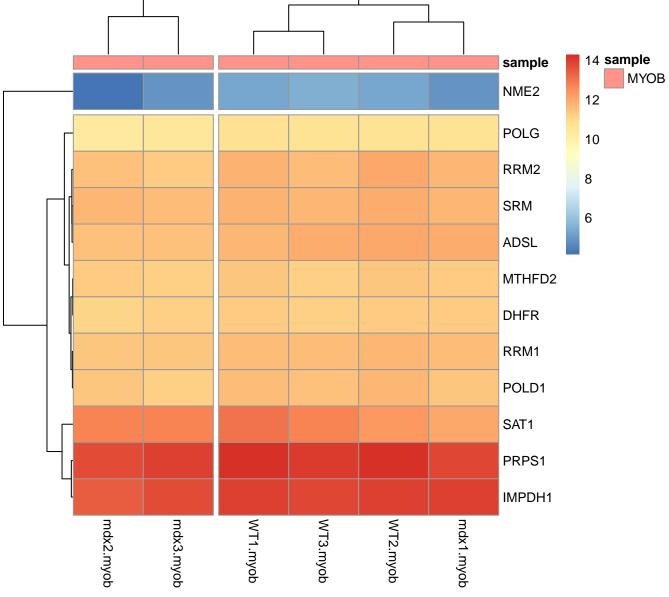
Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_NUCLEOTIDE\_METABOLISM-WP404

| Sample | PRPS1 | 15000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 100000 |

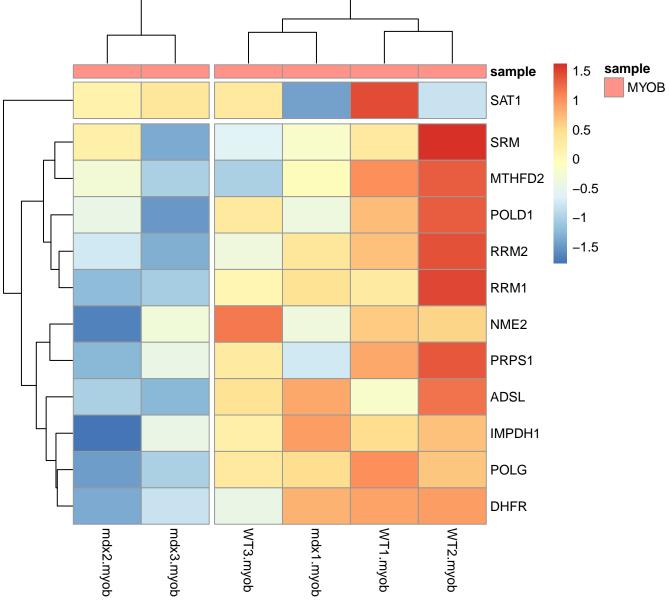


WIKIPATHWAYS\_MM\_NUCLEOTIDE\_METABOLISM-WP404

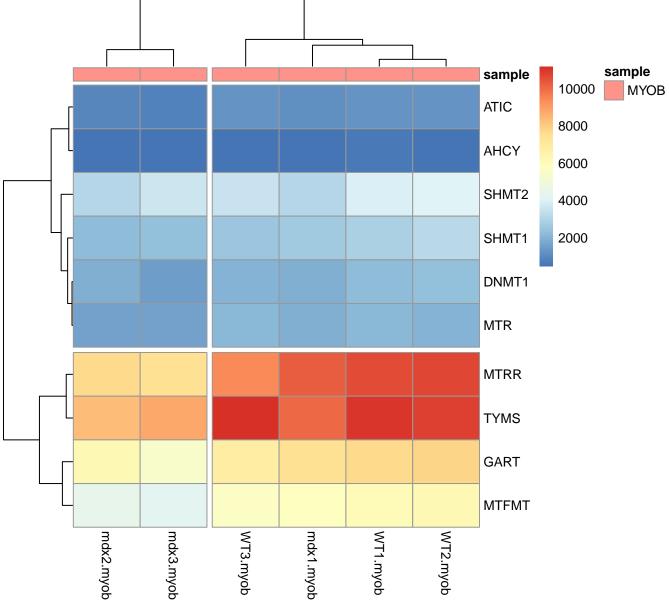
**Expressed Matrix for genes active in** 



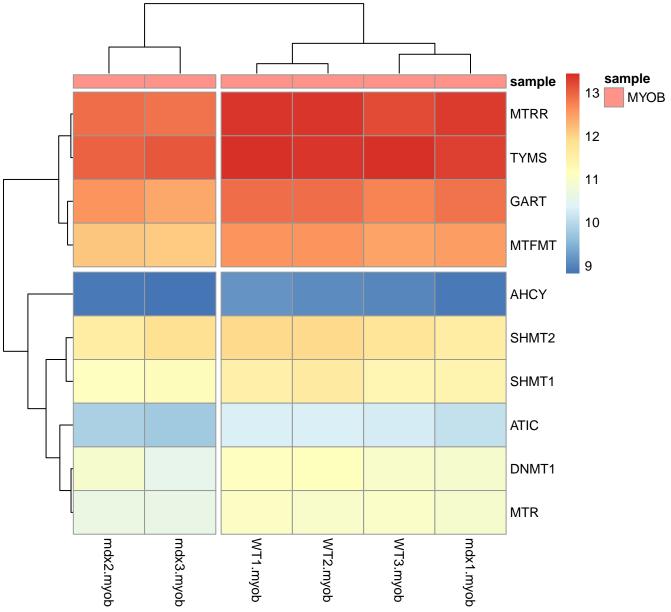
Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_NUCLEOTIDE\_METABOLISM-WP404



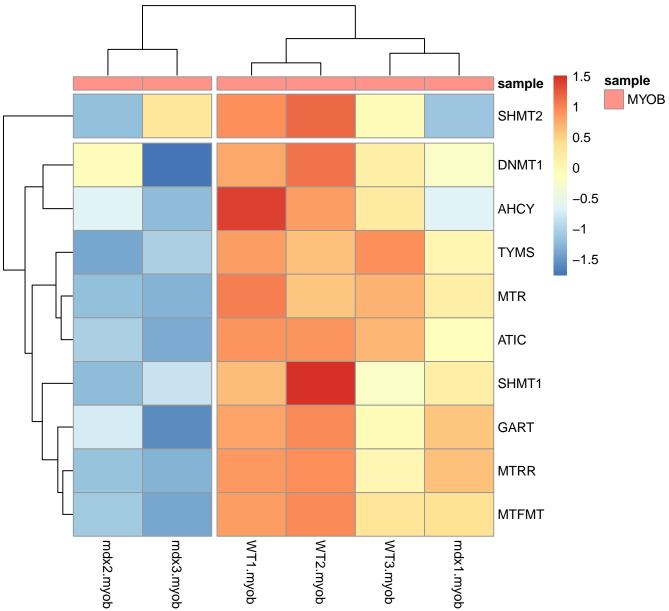
Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_ONE\_CARBON\_METABOLISM-WP241



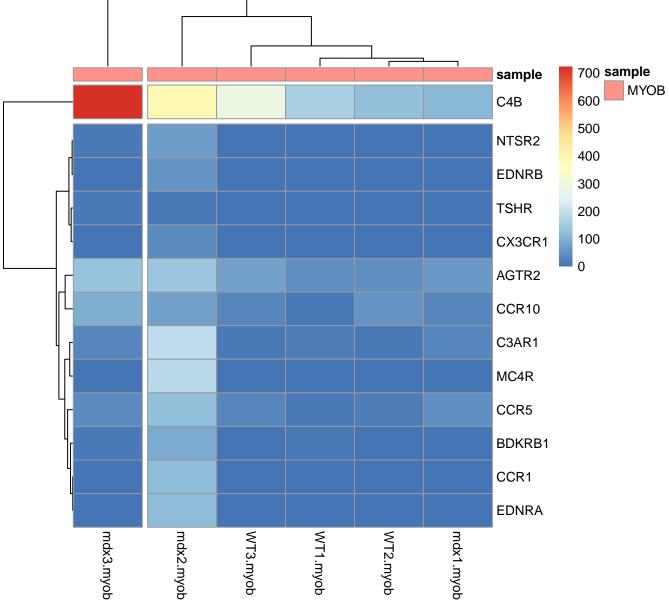
Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_ONE\_CARBON\_METABOLISM-WP241



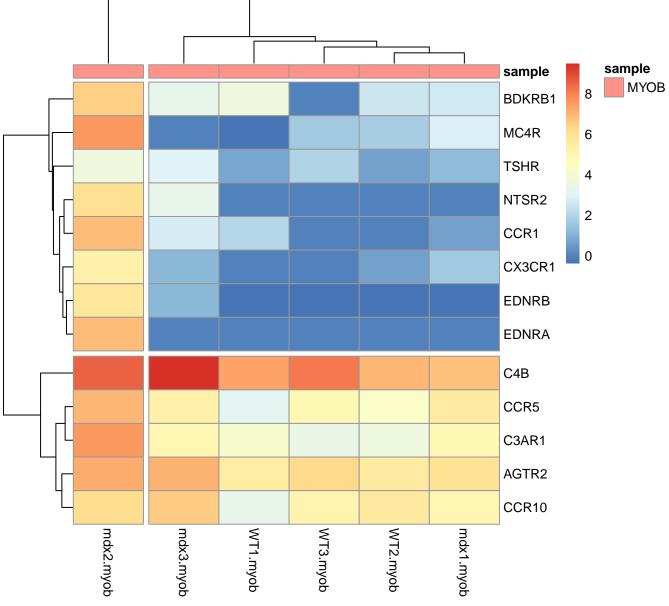
Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_ONE\_CARBON\_METABOLISM-WP241



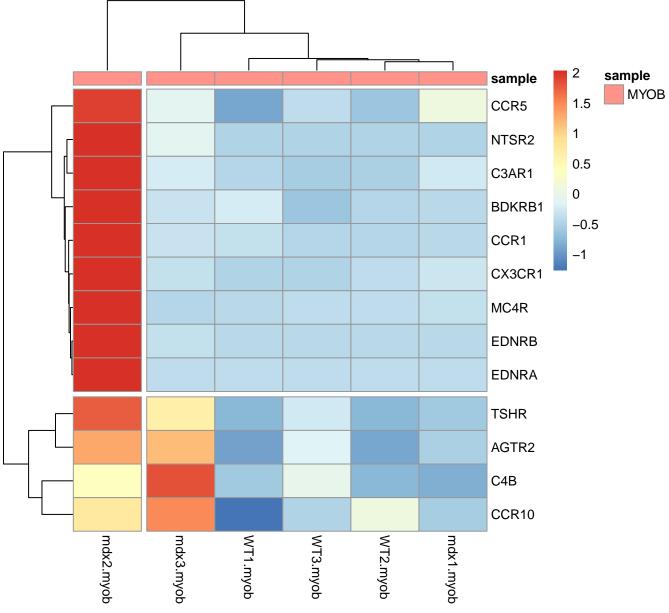
# Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_PEPTIDE\_GPCRS-WP24



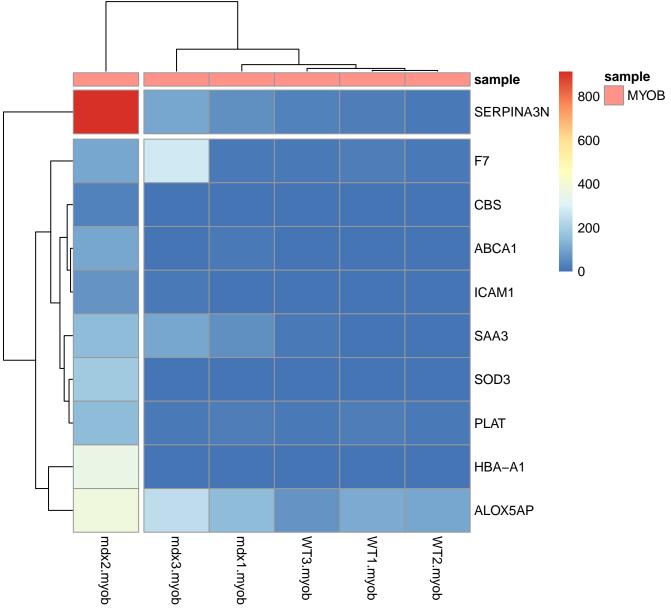
Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_PEPTIDE\_GPCRS-WP24



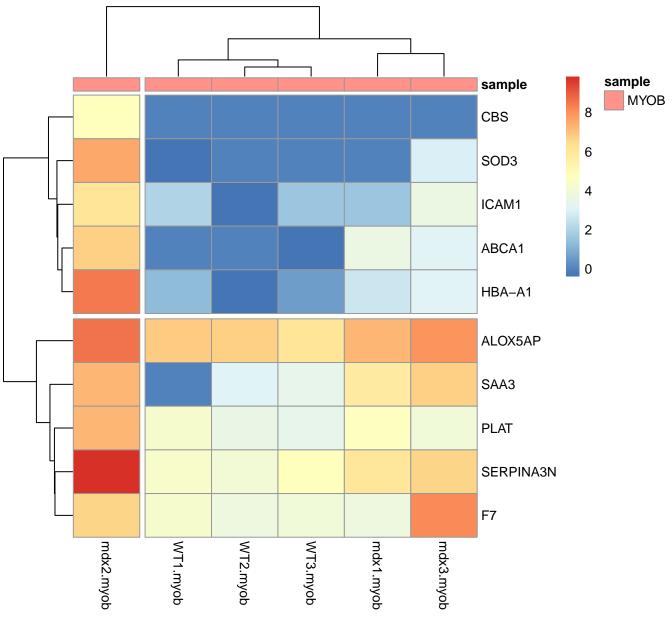
# Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_PEPTIDE\_GPCRS-WP24



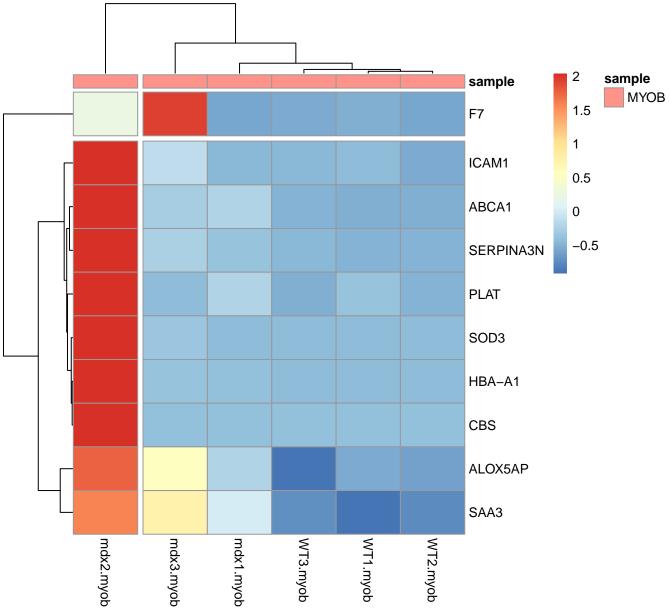
Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_SELENIUM\_PATHWAY-WP15



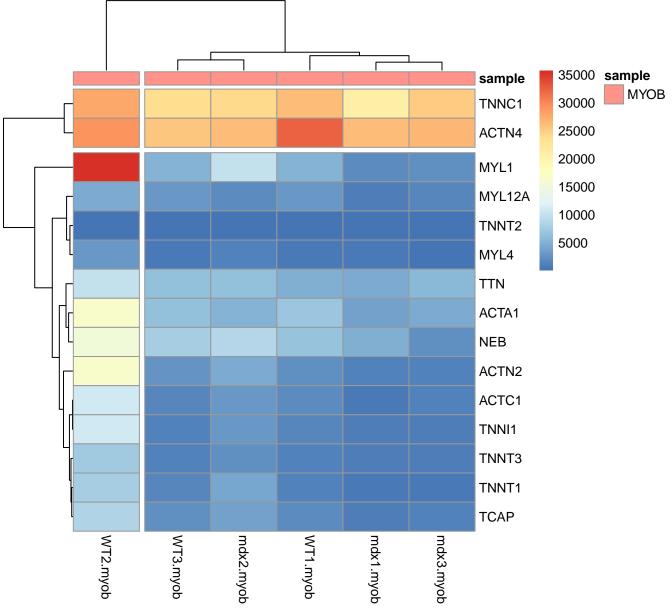
## Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_SELENIUM\_PATHWAY-WP15



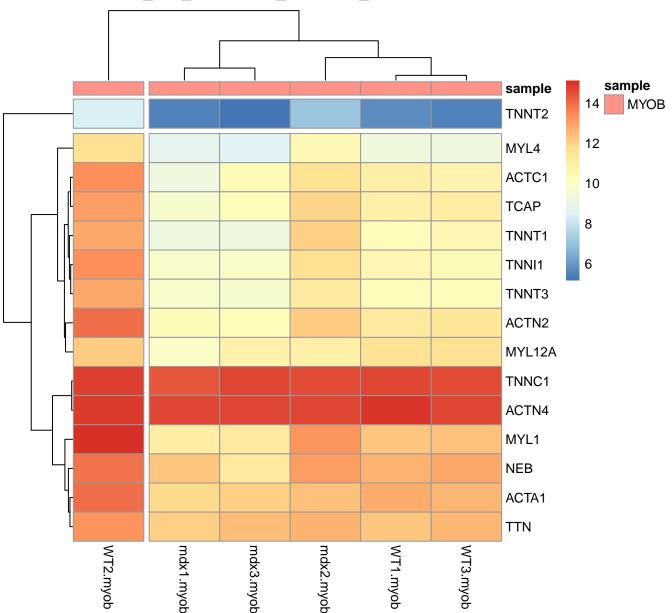
Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_SELENIUM\_PATHWAY-WP15



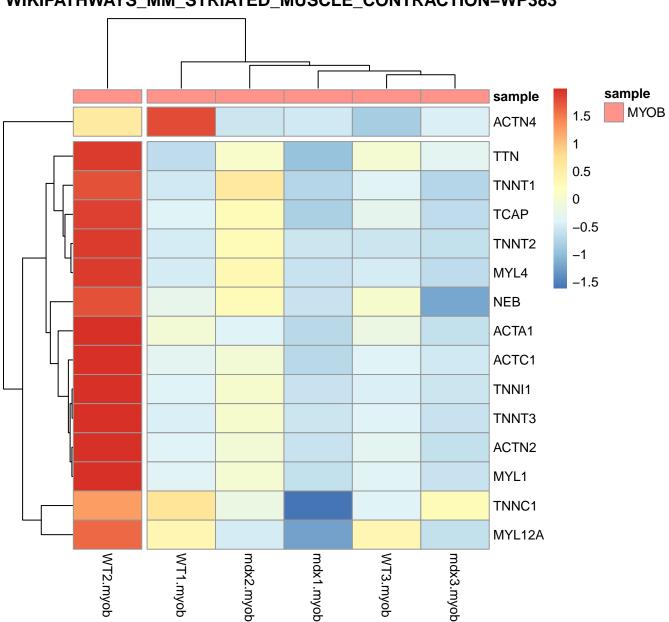
## Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_STRIATED\_MUSCLE\_CONTRACTION-WP383



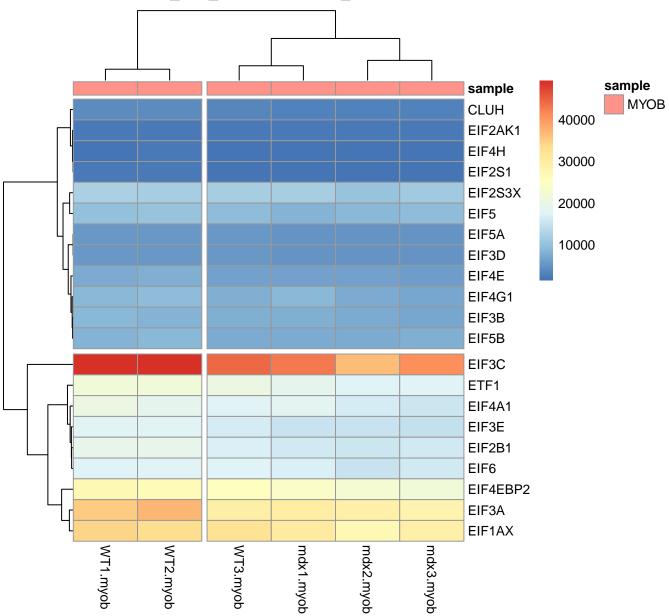
Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_STRIATED\_MUSCLE\_CONTRACTION-WP383



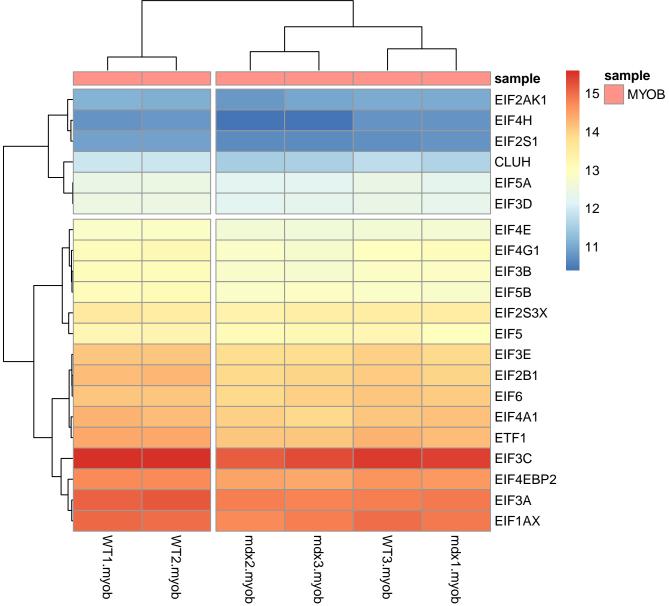
## Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_STRIATED\_MUSCLE\_CONTRACTION-WP383



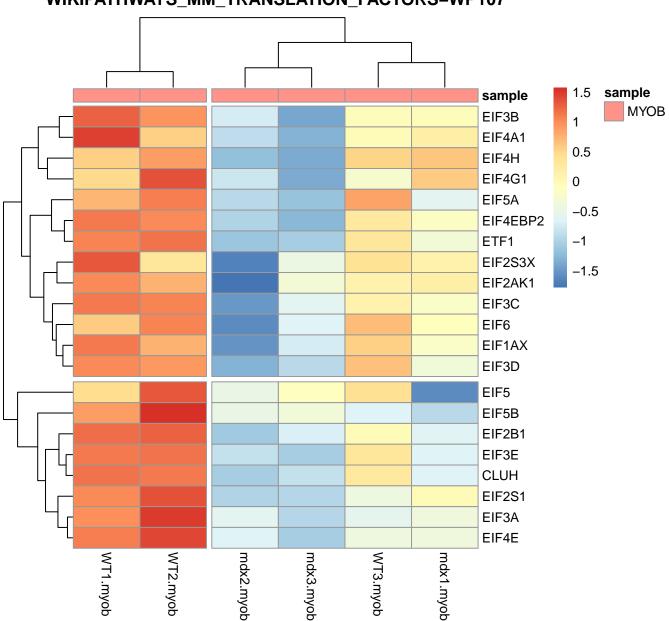
Expressed Matrix from Normalized for genes in WIKIPATHWAYS\_MM\_TRANSLATION\_FACTORS-WP107



Expressed Matrix for genes active in WIKIPATHWAYS\_MM\_TRANSLATION\_FACTORS-WP107

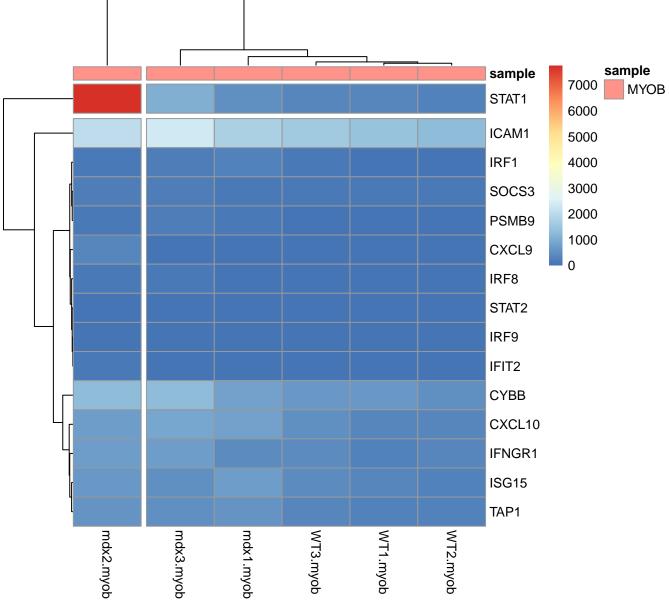


Scalling expressed matrix for genes active in WIKIPATHWAYS\_MM\_TRANSLATION\_FACTORS-WP107

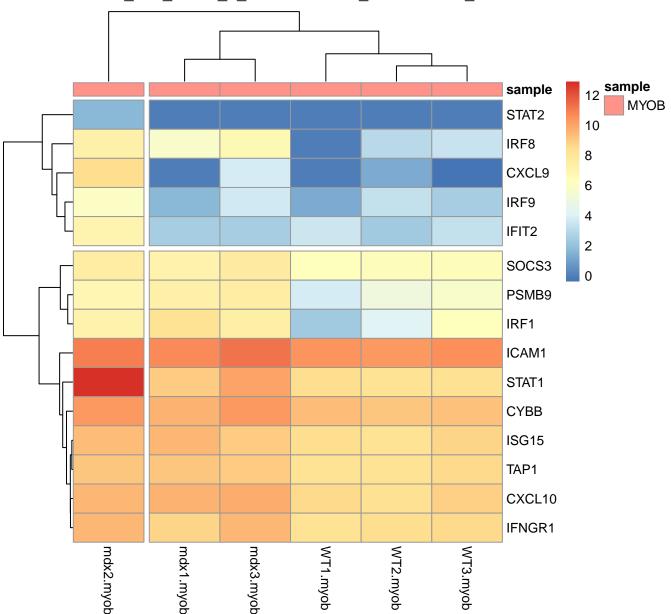


#### IKIPATHWAYS\_MM\_TYPE\_II\_INTERFERON\_SIGNALING\_IFNG-WP619

**Expressed Matrix from Normalized for genes in** 



## Expressed Matrix for genes active in VIKIPATHWAYS\_MM\_TYPE\_II\_INTERFERON\_SIGNALING\_IFNG-WP619



Scalling expressed matrix for genes active in //IKIPATHWAYS\_MM\_TYPE\_II\_INTERFERON\_SIGNALING\_IFNG-WP619

