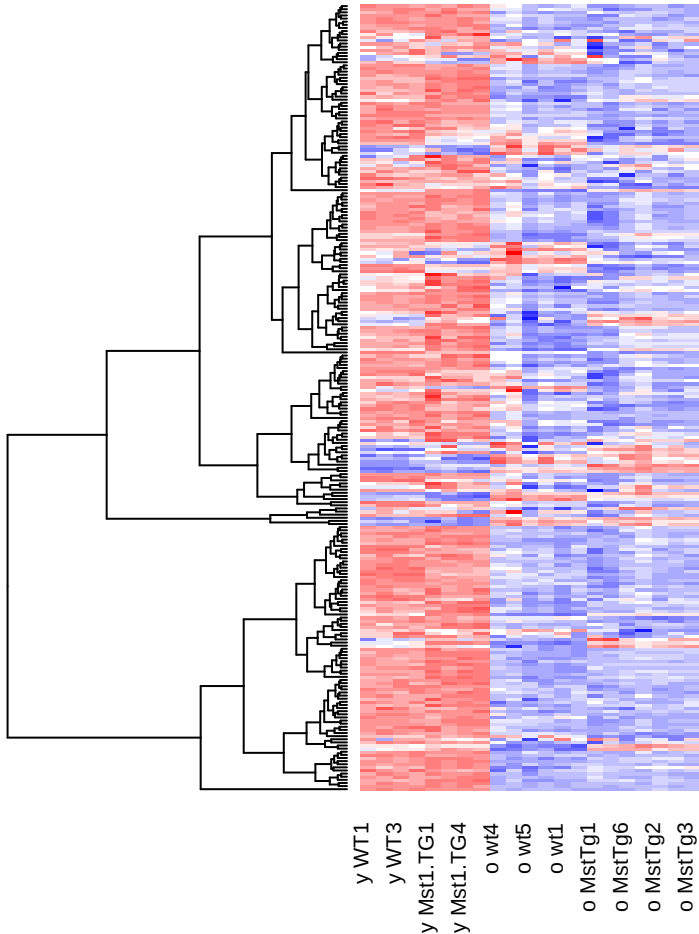
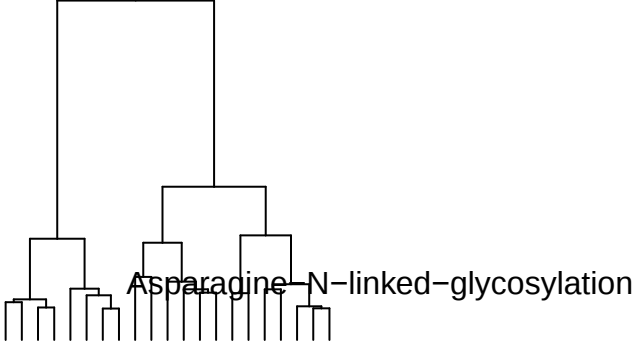
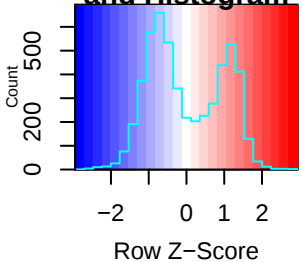
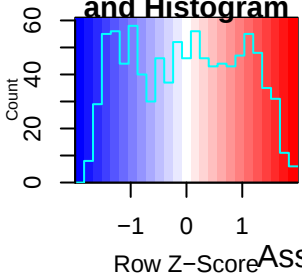


Color Key
and Histogram

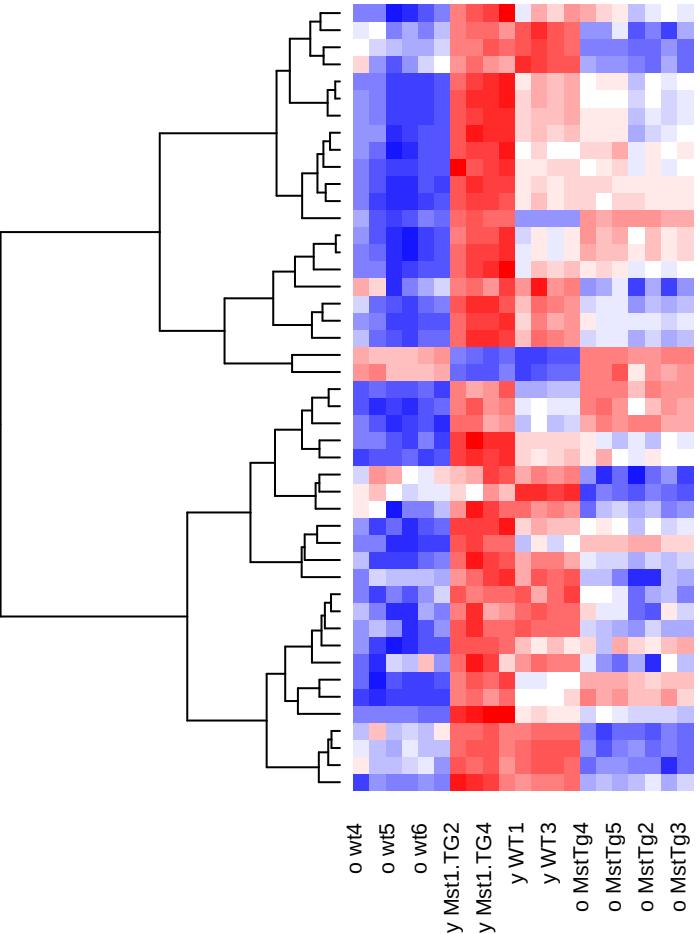


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Color Key
and Histogram

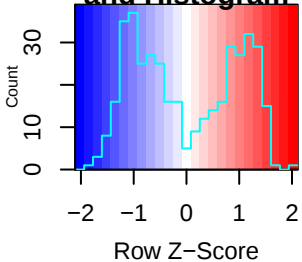


Assembly-of-collagen-fibrils-and-other-multimeric-structures

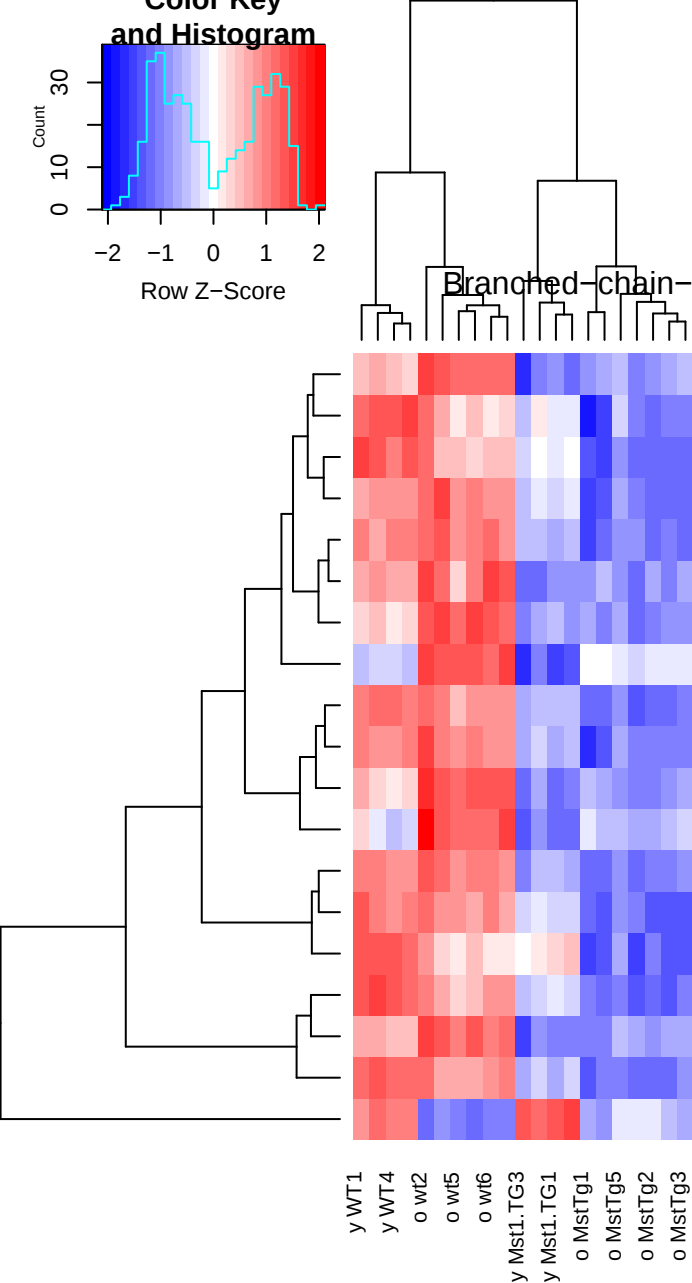


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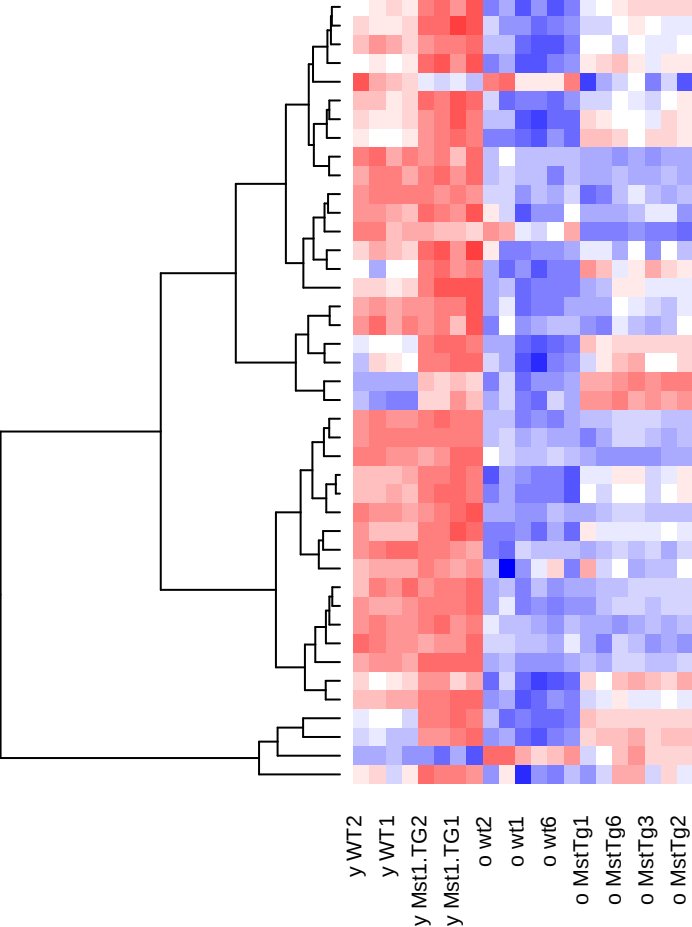
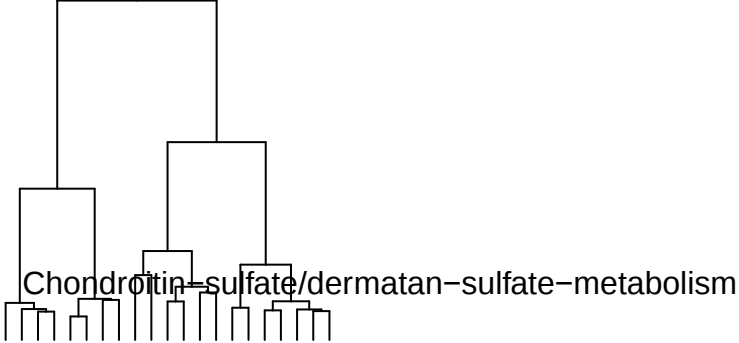
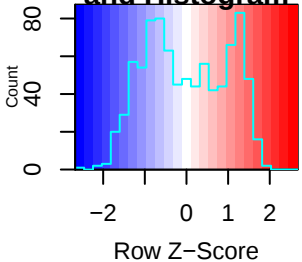
Color Key and Histogram



Branched-chain-amino-acid-catabolism

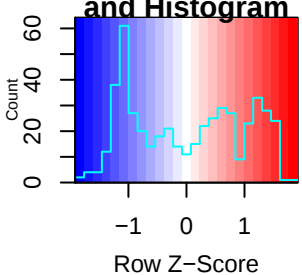


Color Key
and Histogram

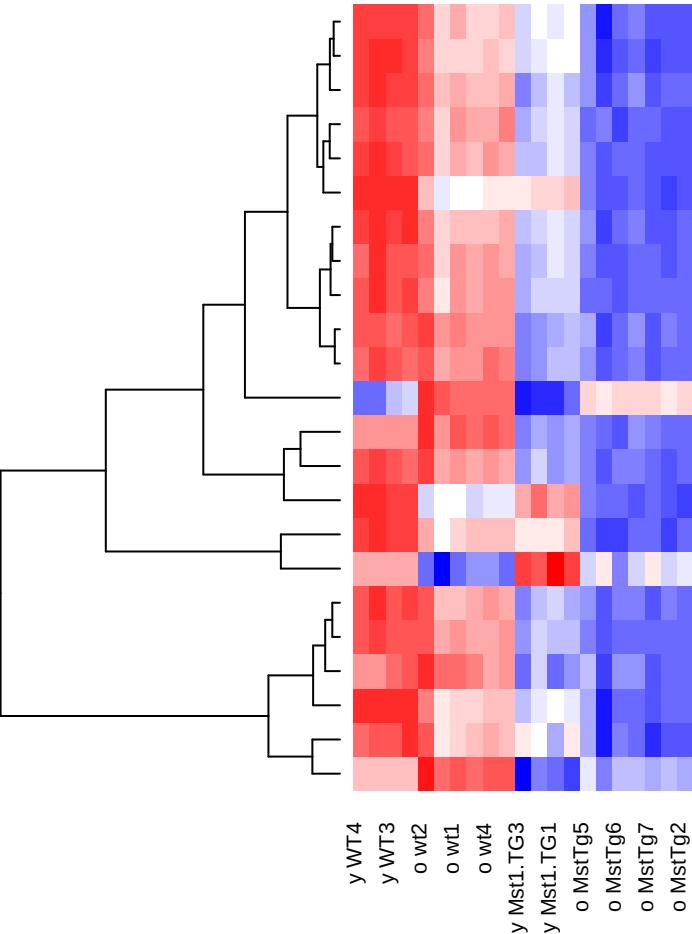


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Color Key and Histogram

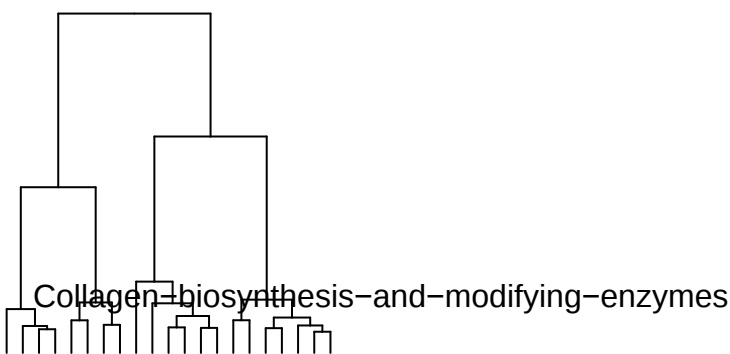
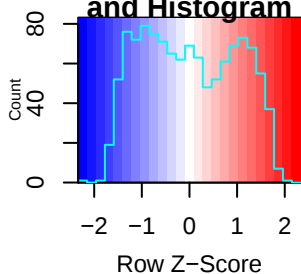


Citric acid-cycle-(TCA-cycle)

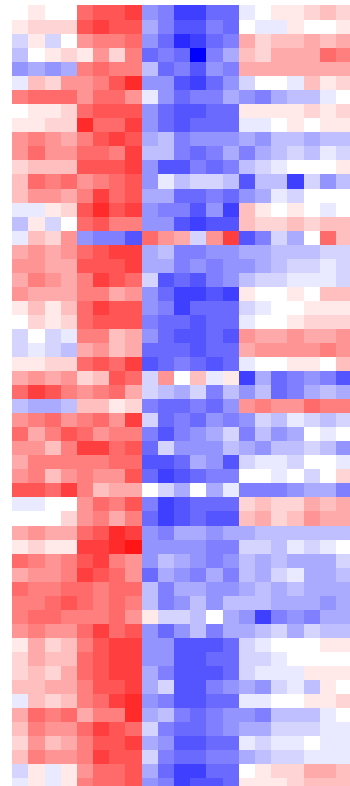


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Color Key and Histogram



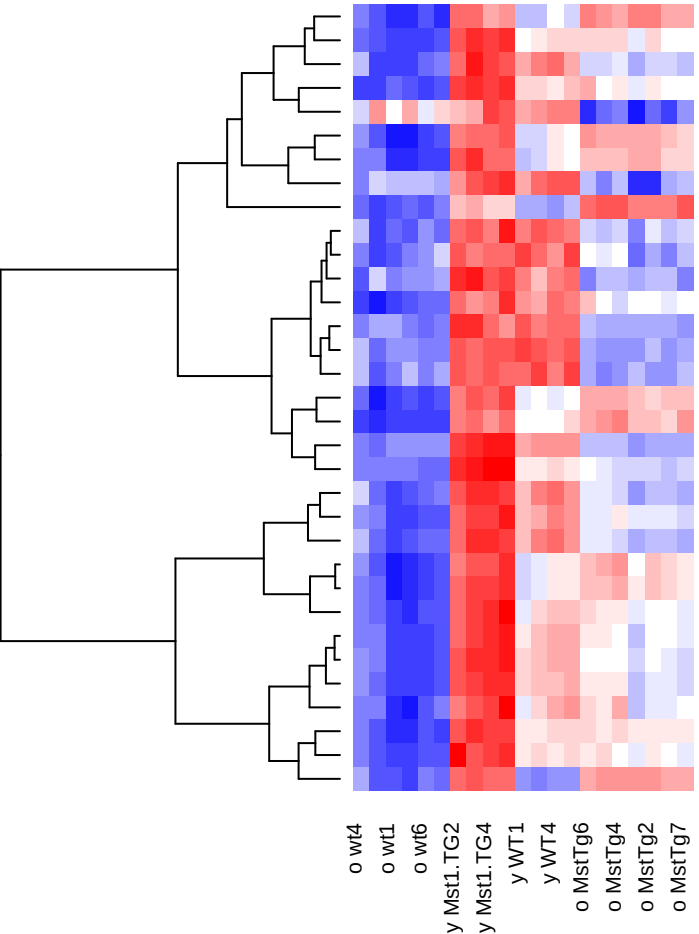
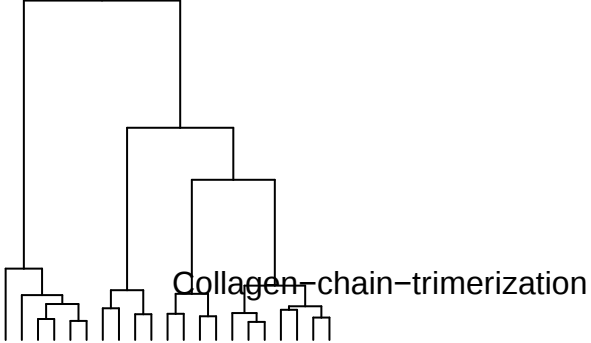
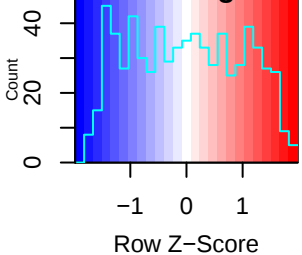
Collagen-biosynthesis-and-modifying-enzymes



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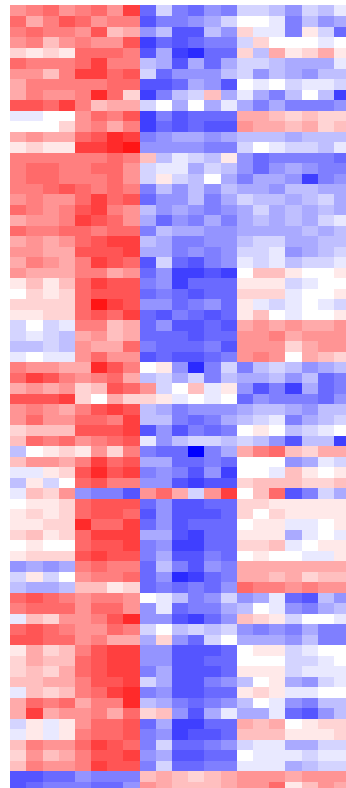
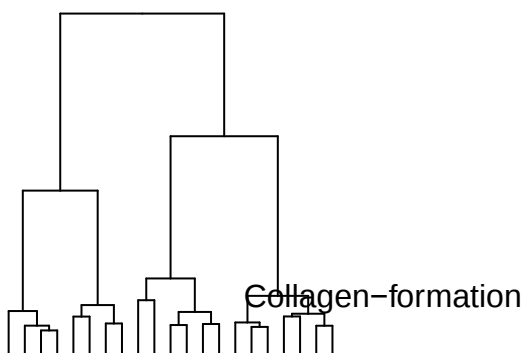
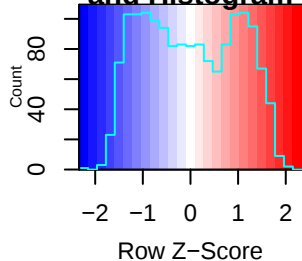
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y Mst1.TG4
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o wt6
o MstTg1
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o MstTg6

Color Key
and Histogram



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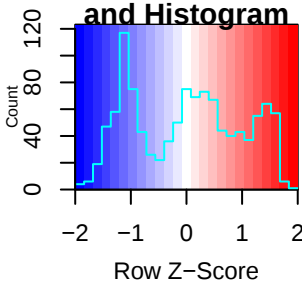
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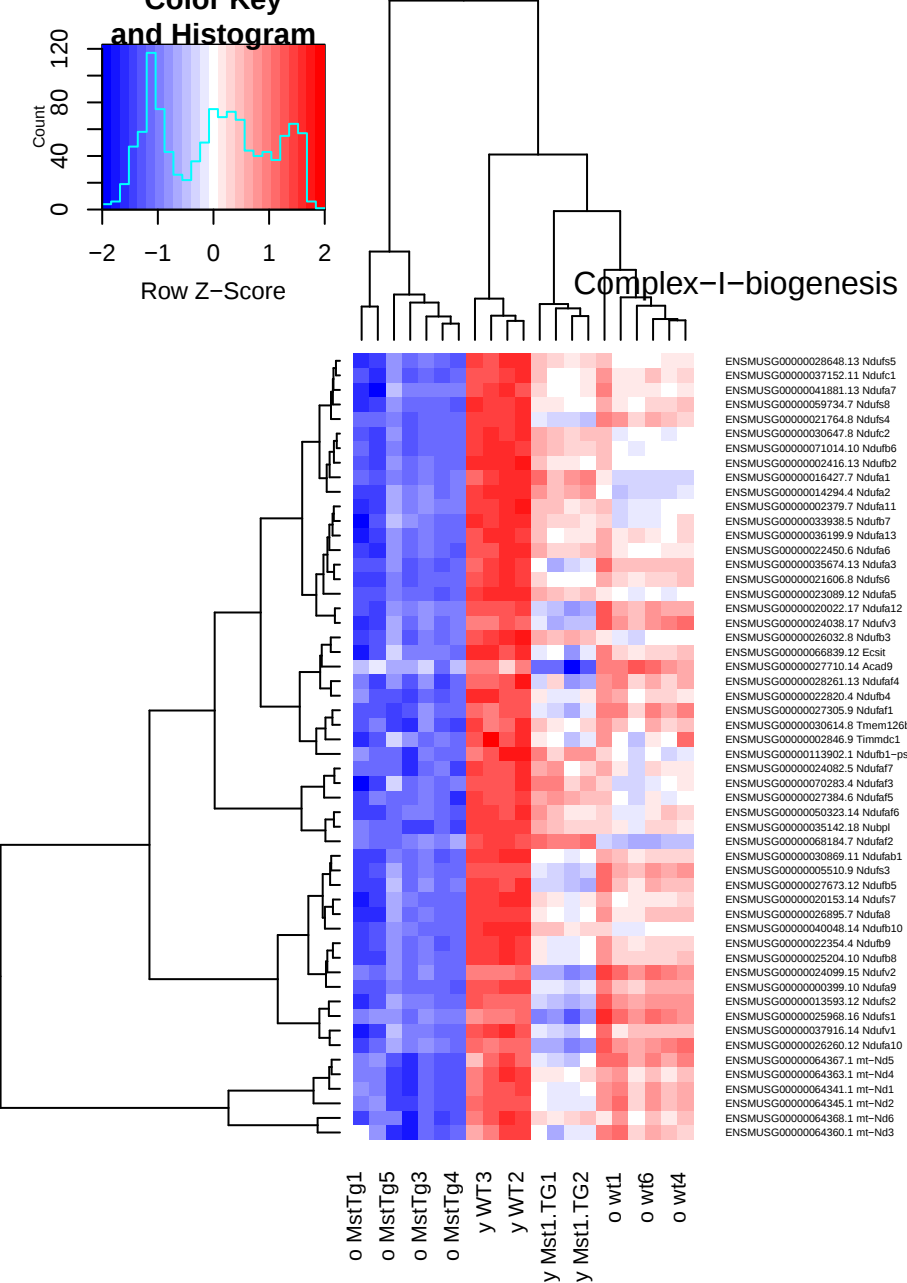
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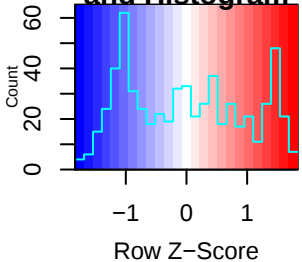
Color Key and Histogram



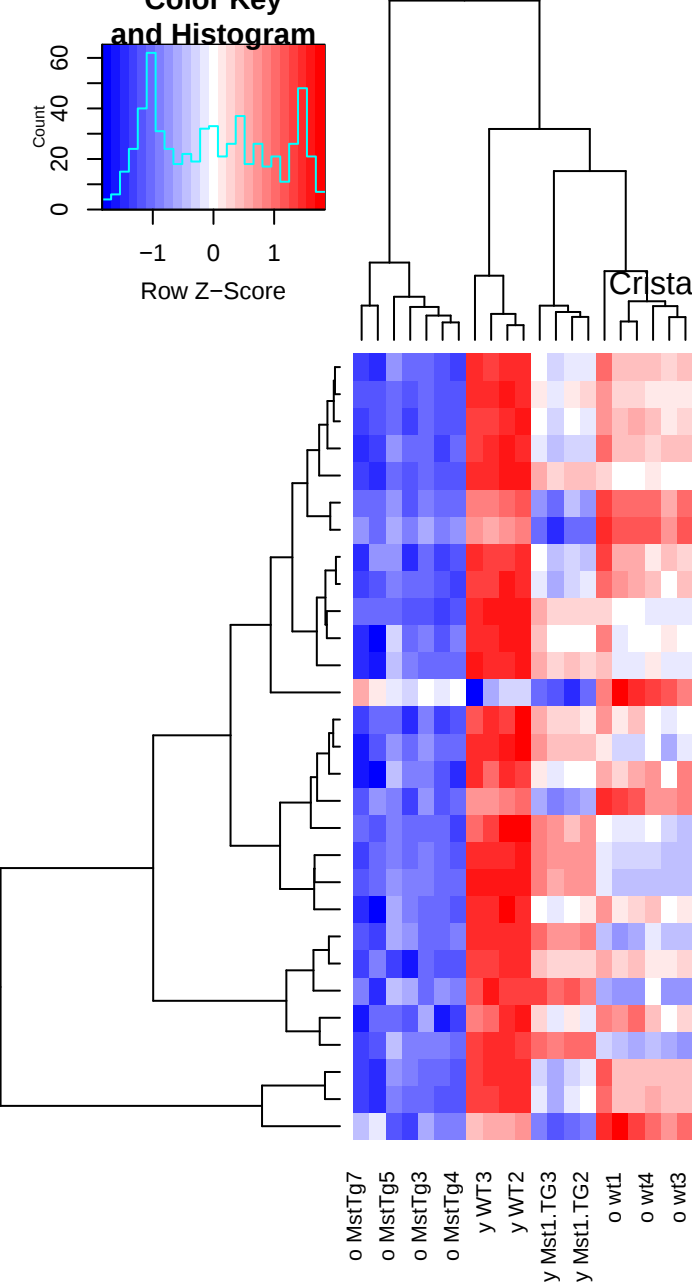
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Color Key and Histogram



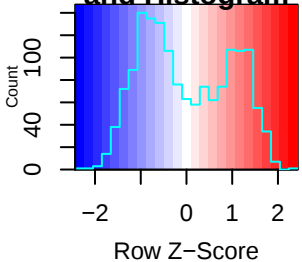
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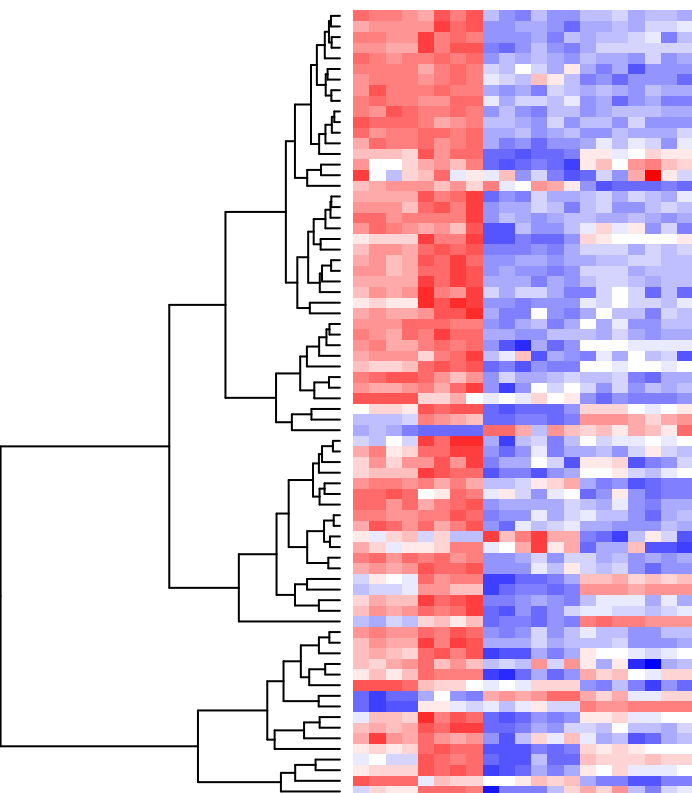
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- o MstTg7
- o MstTg5
- o MstTg3
- o MstTg4
- y WT3
- y WT2
- y Mst1.TG3
- y Mst1.TG2
- o wt1
- o wt4
- o wt3

Color Key
and Histogram



Degradation of the extracellular matrix

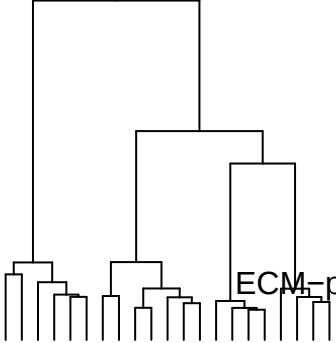
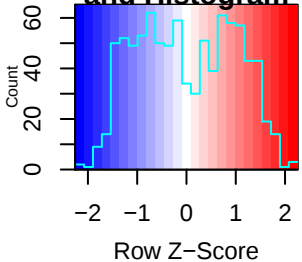


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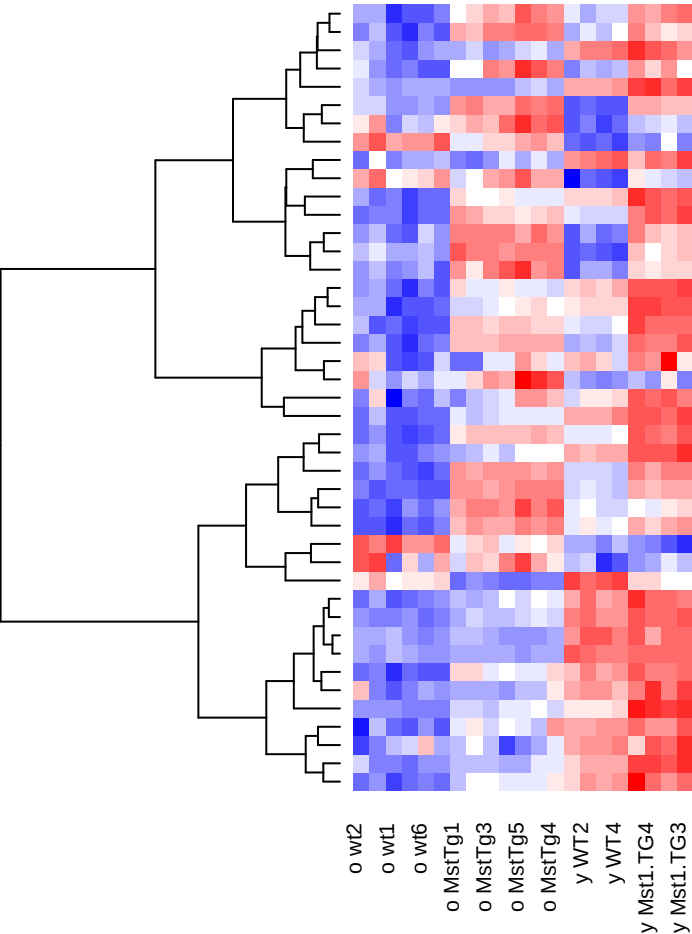
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y WT2
y Mst1.TG1
y Mst1.TG4
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o MstTg2

Color Key

and Histogram

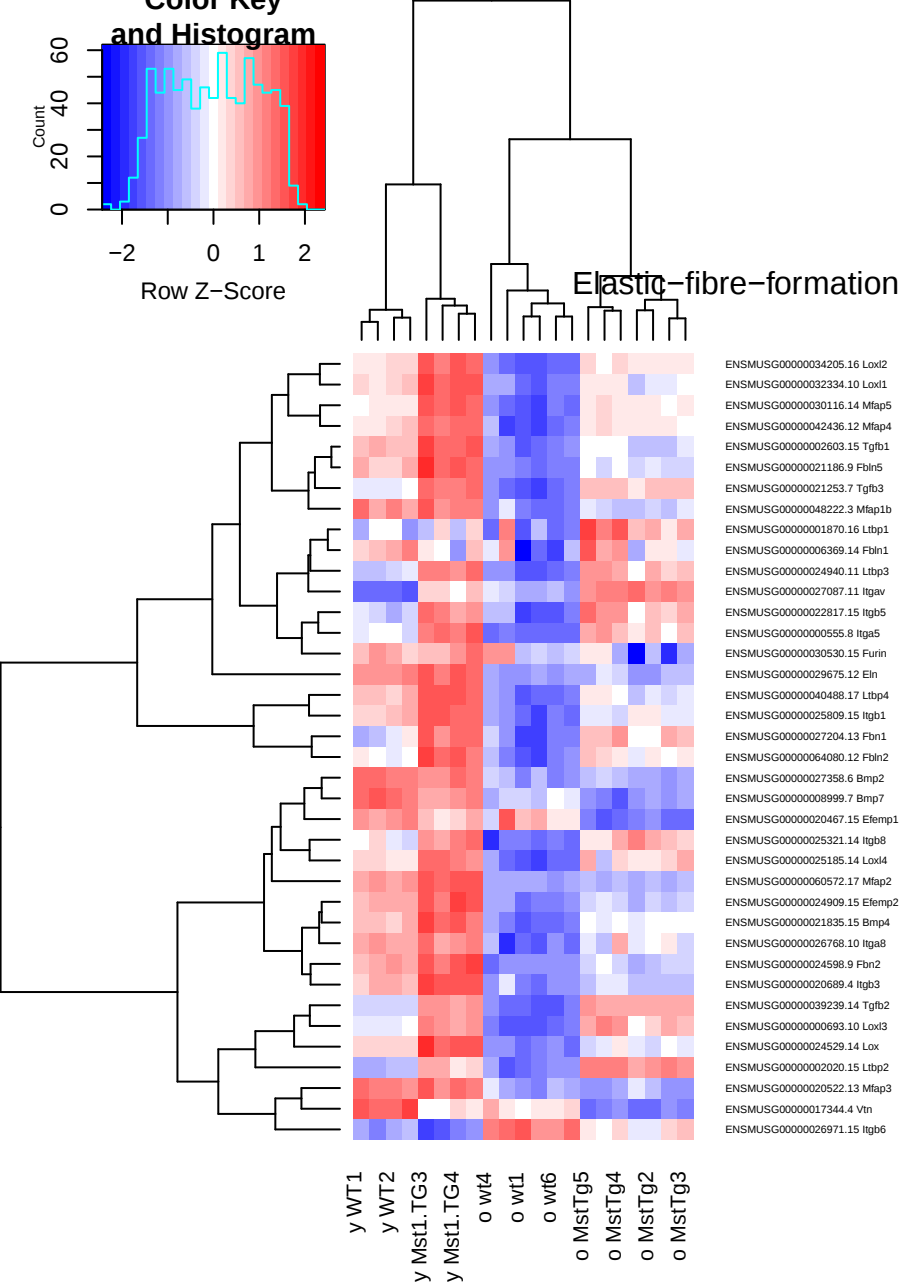
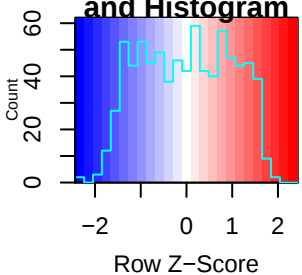


ECM-proteoglycans

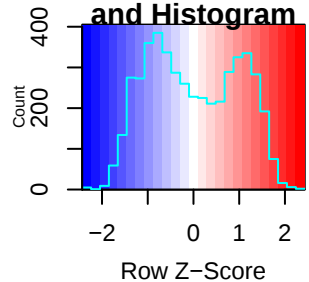


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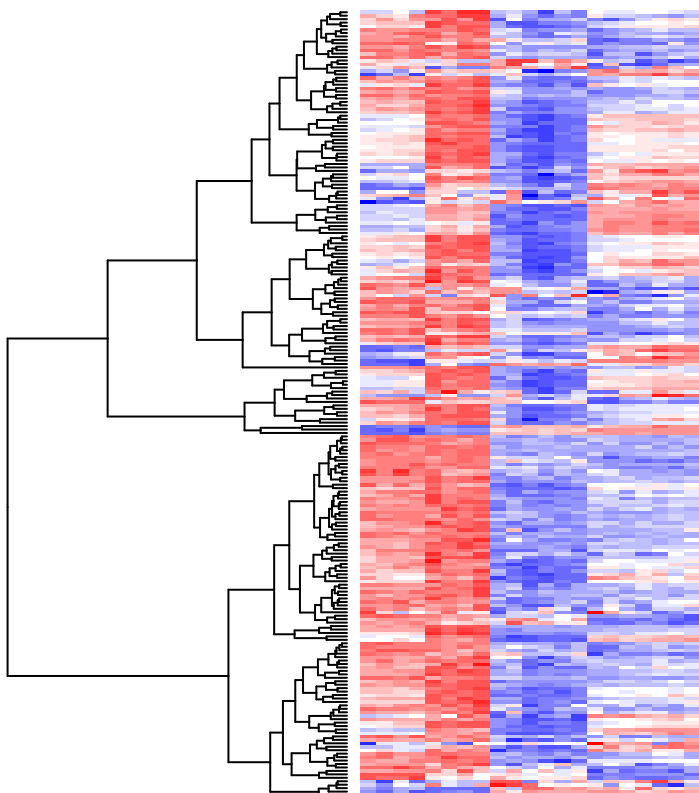
Color Key and Histogram



Color Key and Histogram



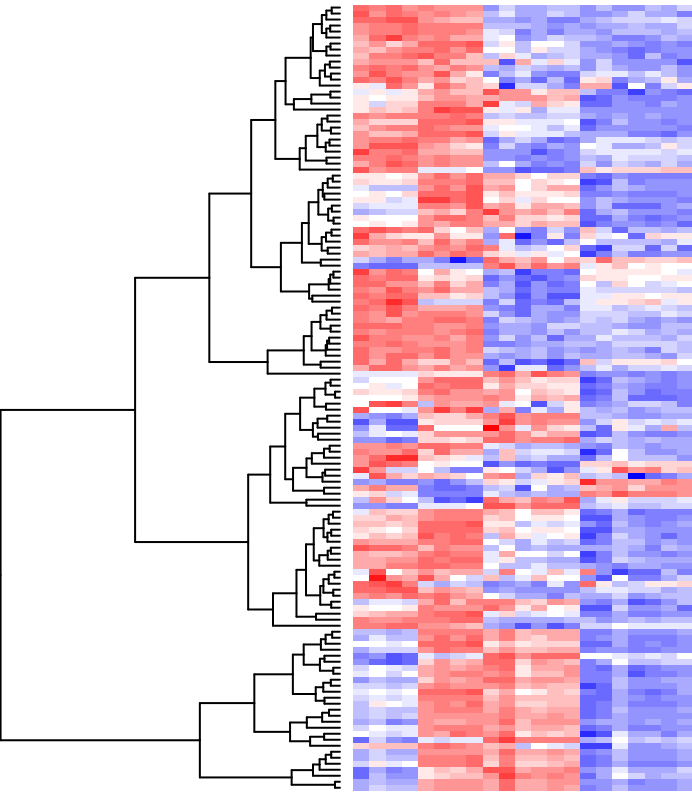
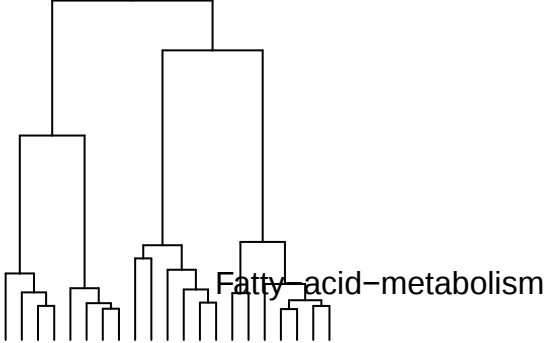
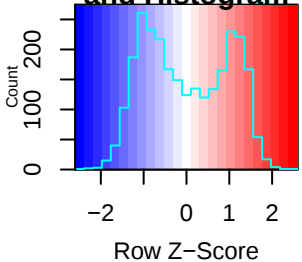
Extracellular-matrix-organization



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y WT1
 y WT2
 y Mst1.TG1
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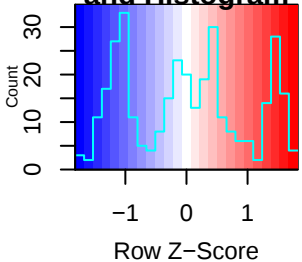
Color Key
and Histogram



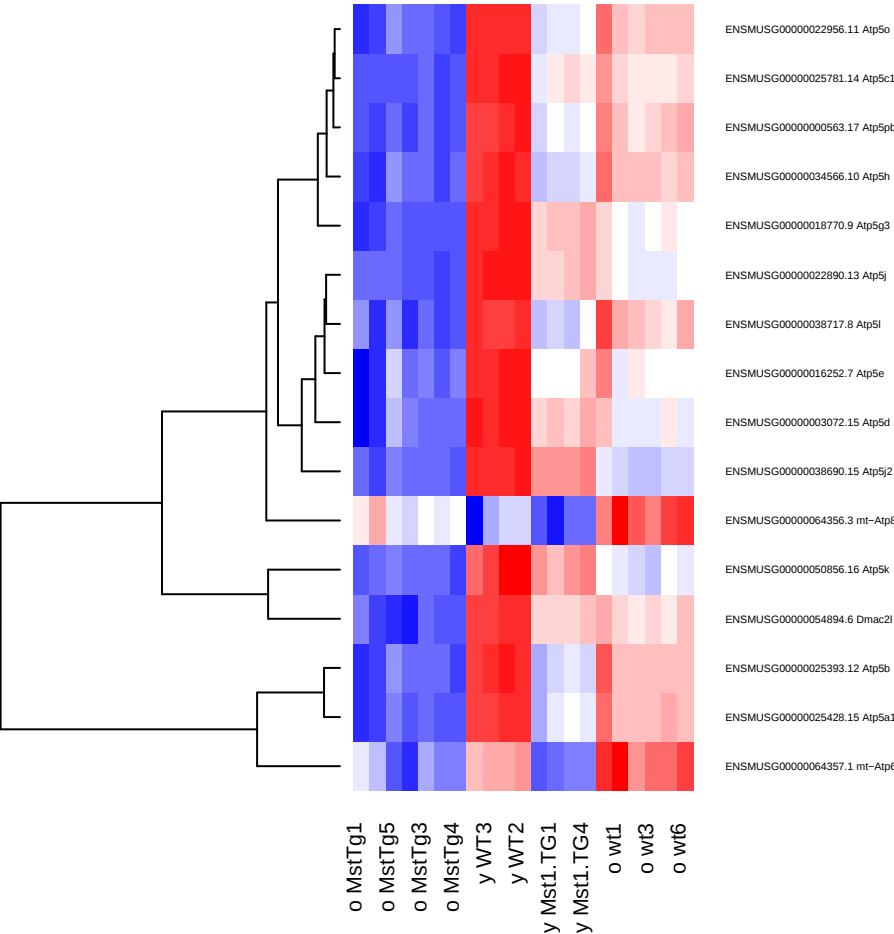
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y Mst1.TG1
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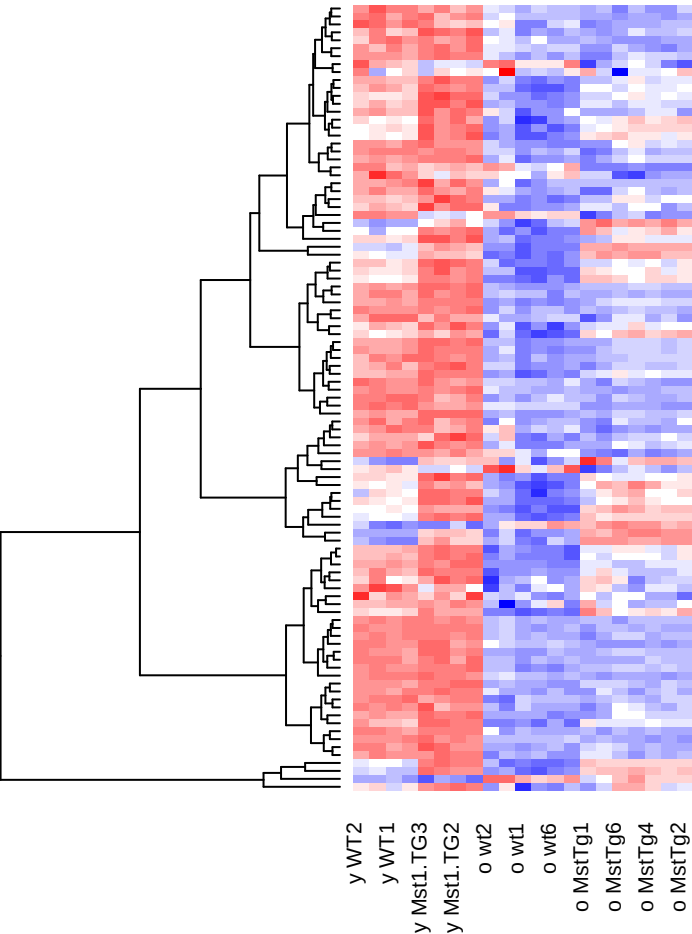
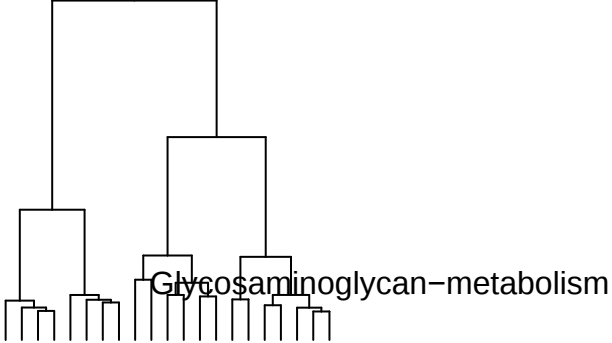
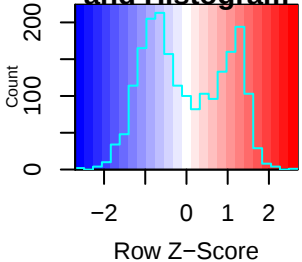
Color Key and Histogram



Formation of ATP by chemiosmotic coupling

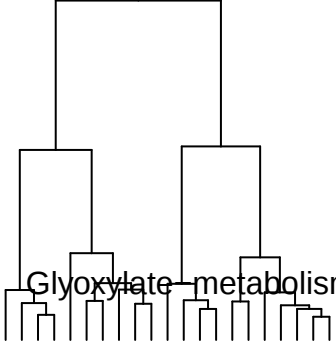
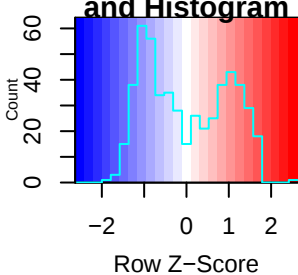


Color Key
and Histogram

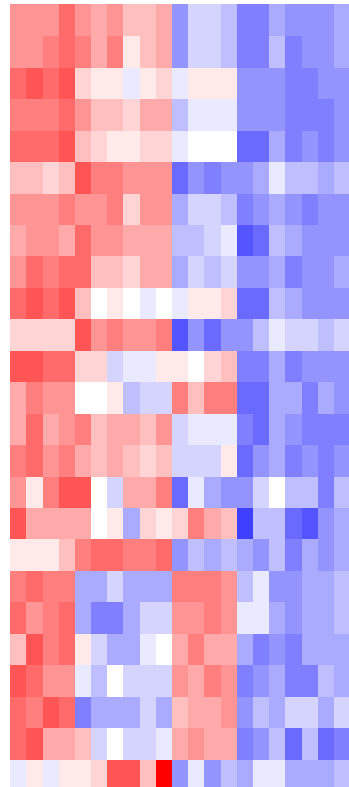
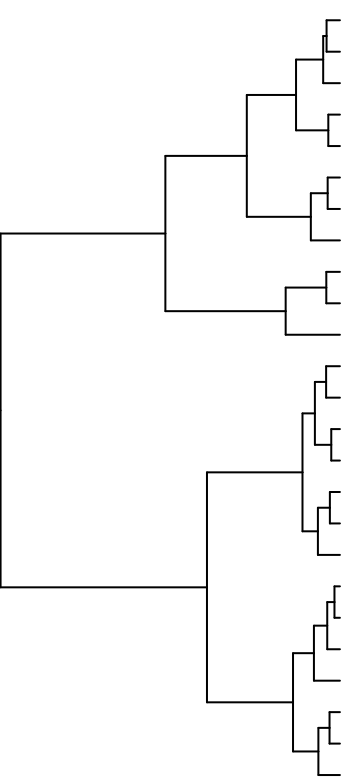


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Color Key
and Histogram



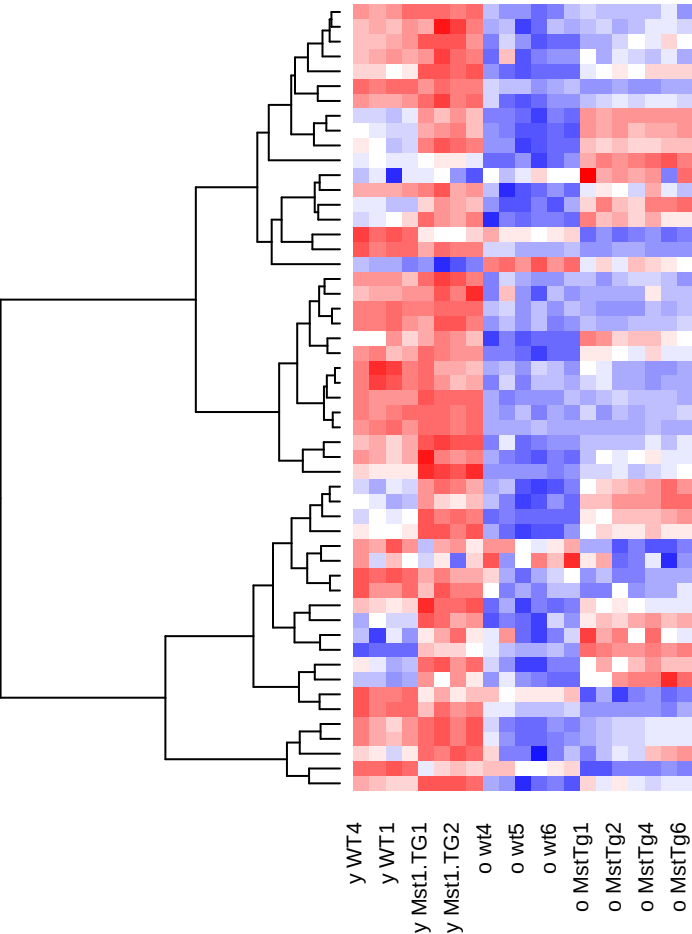
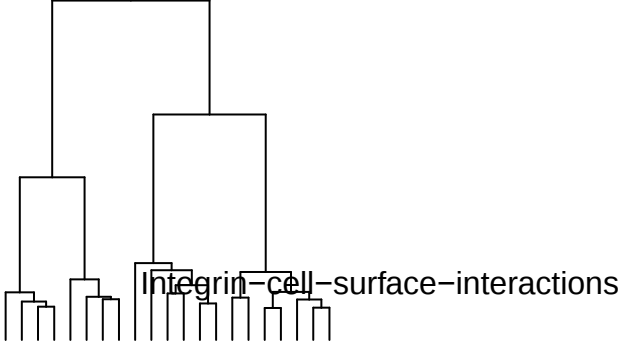
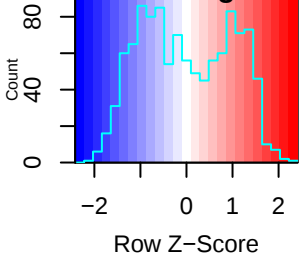
Glyoxylate metabolism and glycine degradation



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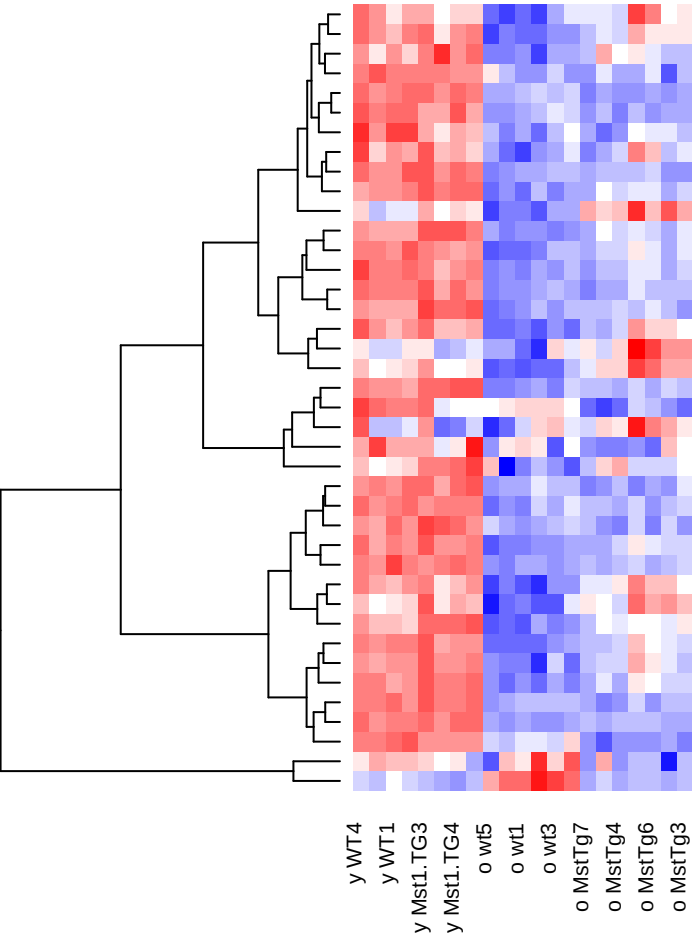
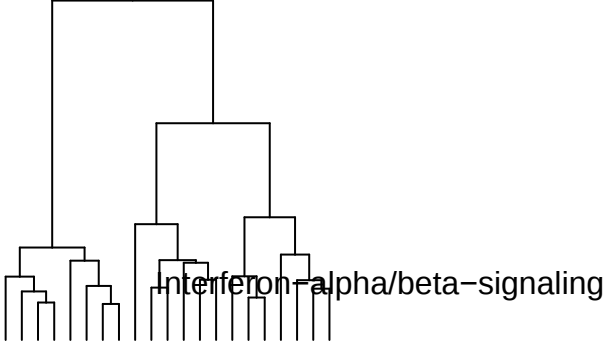
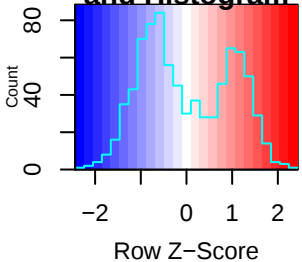
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Color Key
and Histogram



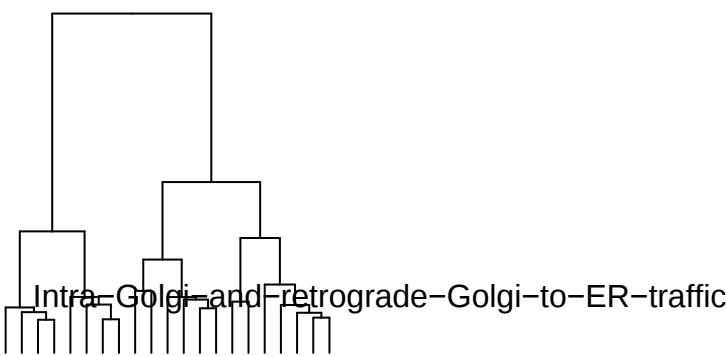
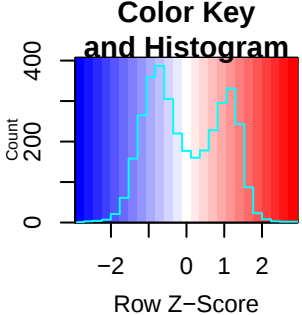
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Color Key
and Histogram

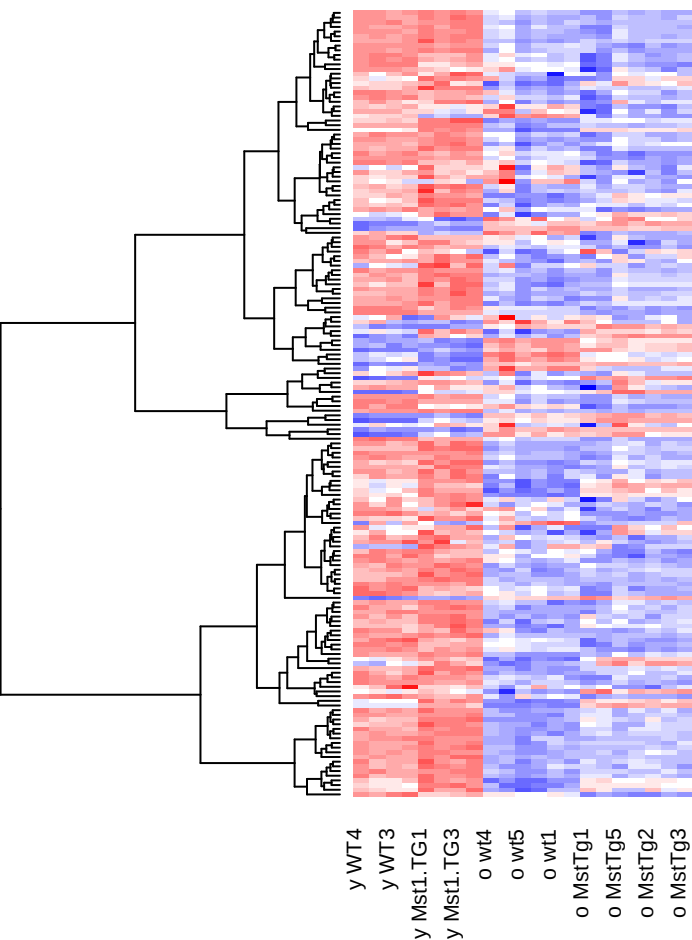


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Color Key
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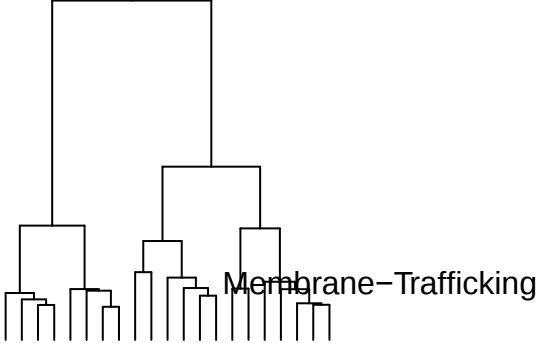
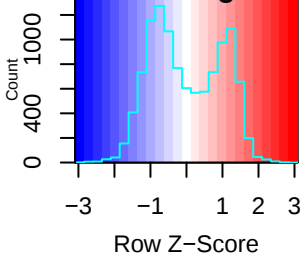


Intra-Golgi and Retrograde-Golgi-to-ER-traffic

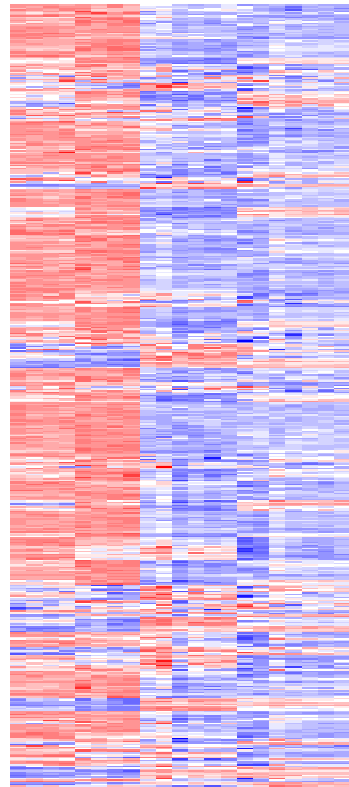
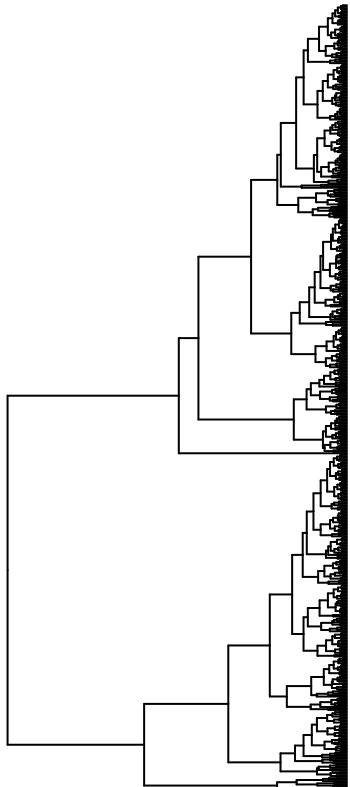


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Color Key and Histogram



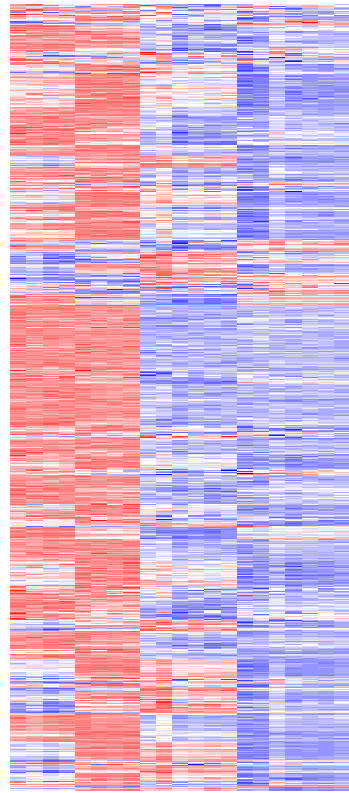
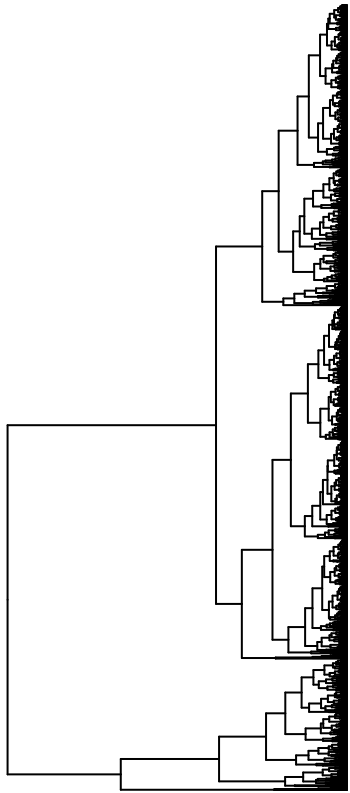
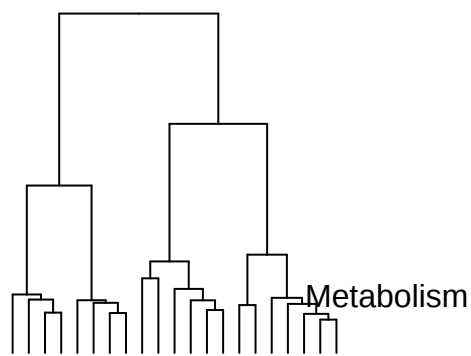
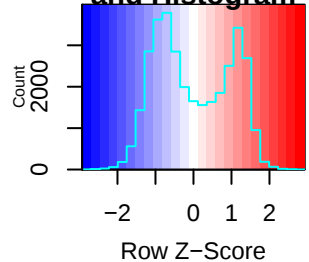
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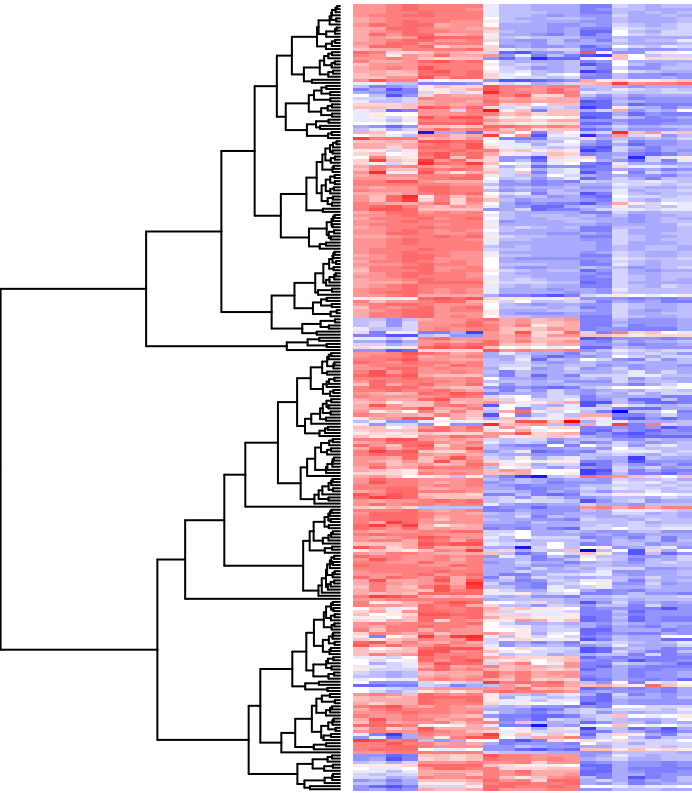
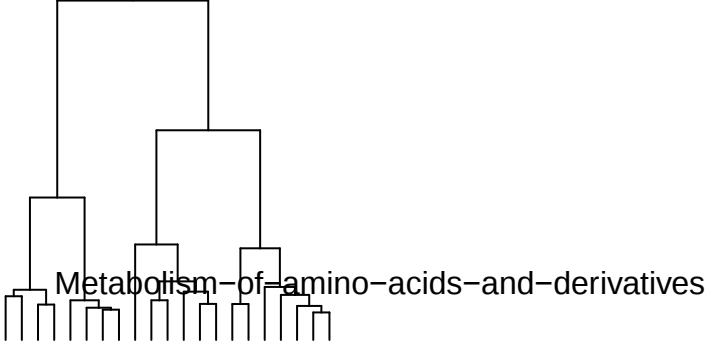
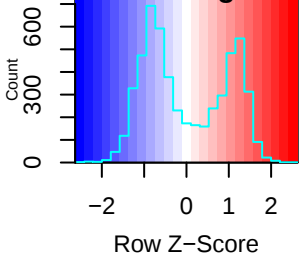
Color Key
and Histogram



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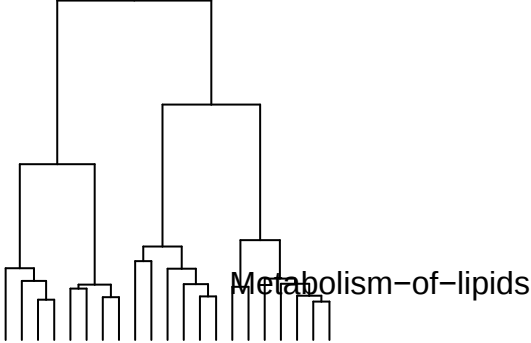
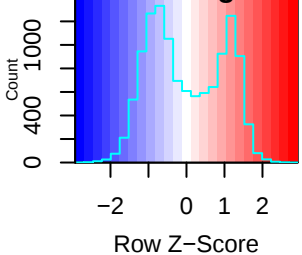
Color Key
and Histogram



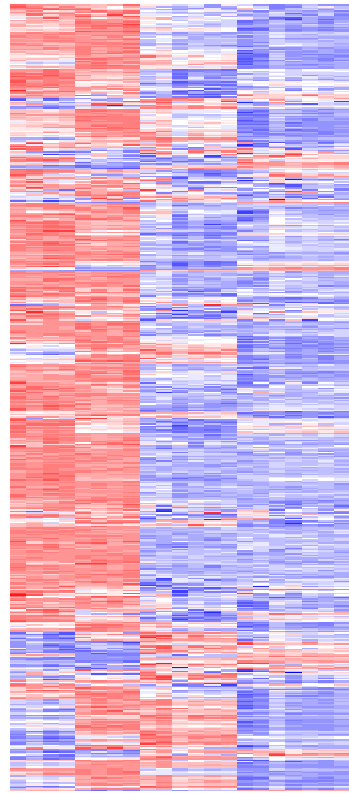
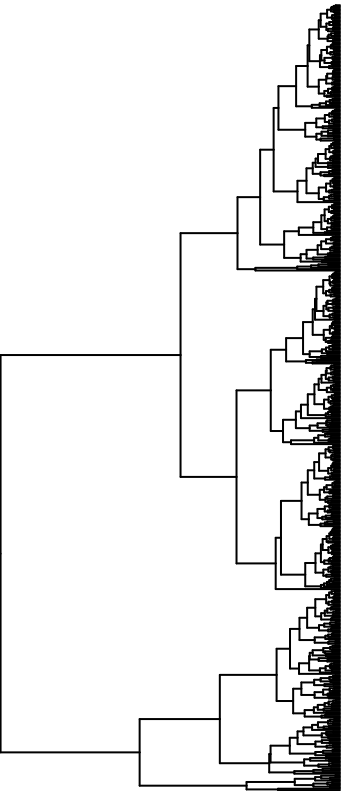
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Color Key
and Histogram



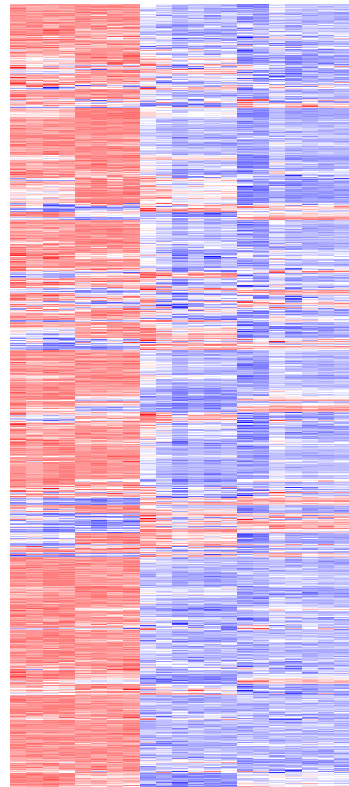
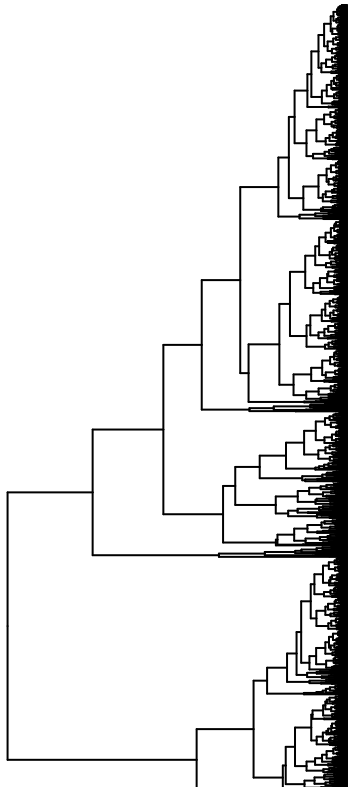
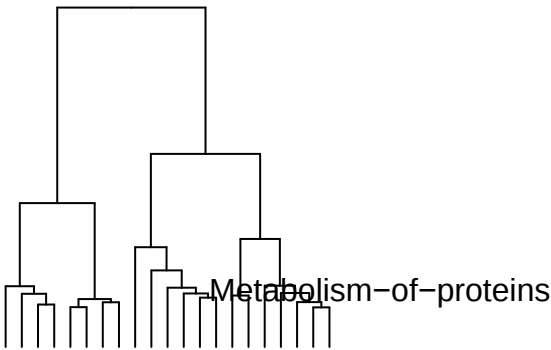
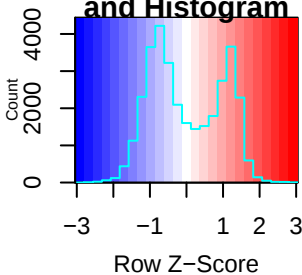
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y Mst1.TG3
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Color Key and Histogram

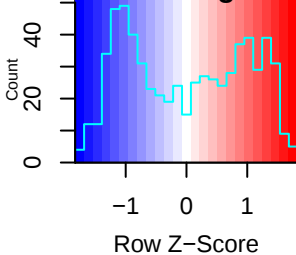


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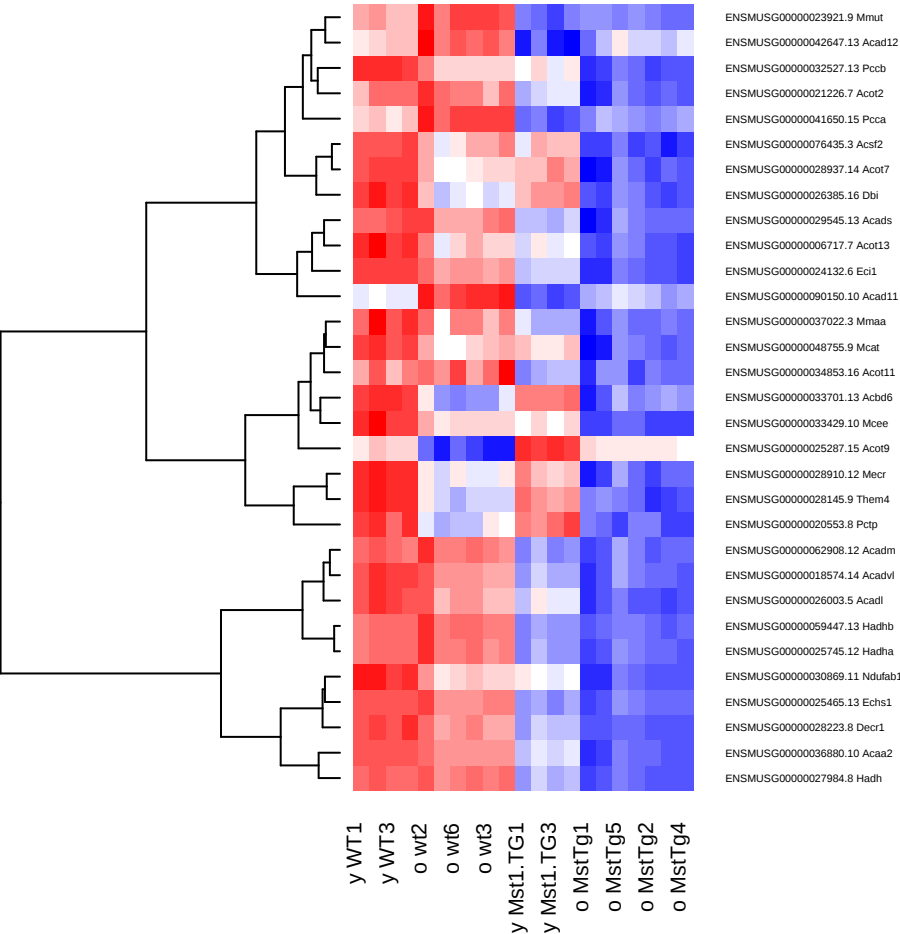
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Color Key

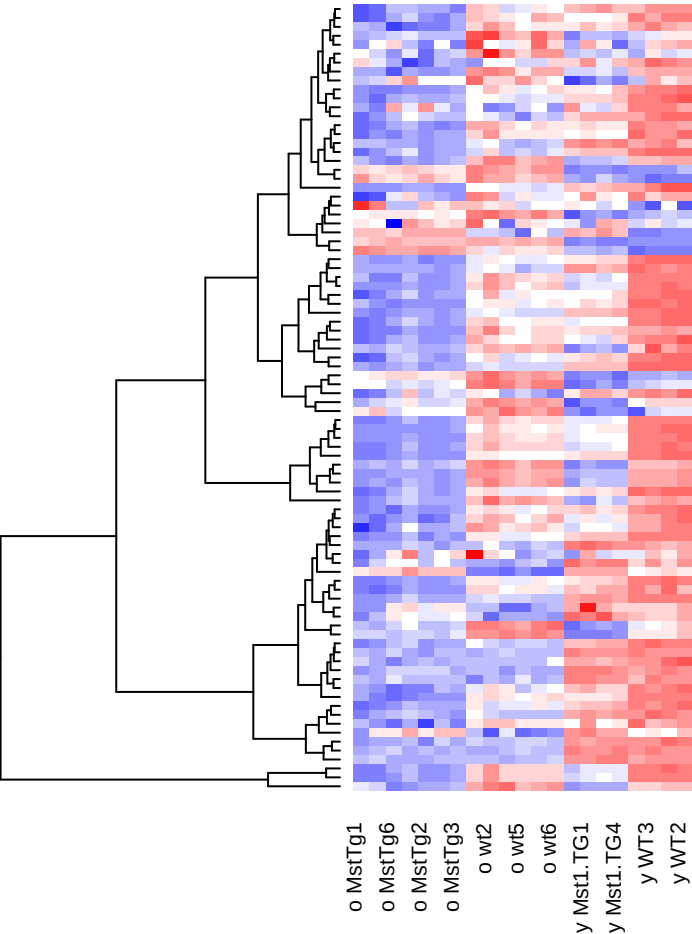
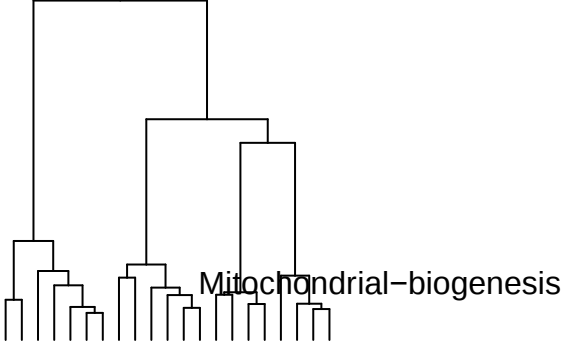
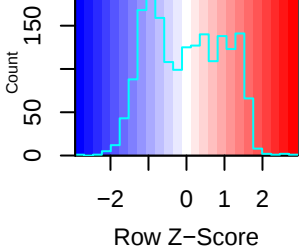
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Mitochondrial Fatty-Acid-Beta-Oxidation

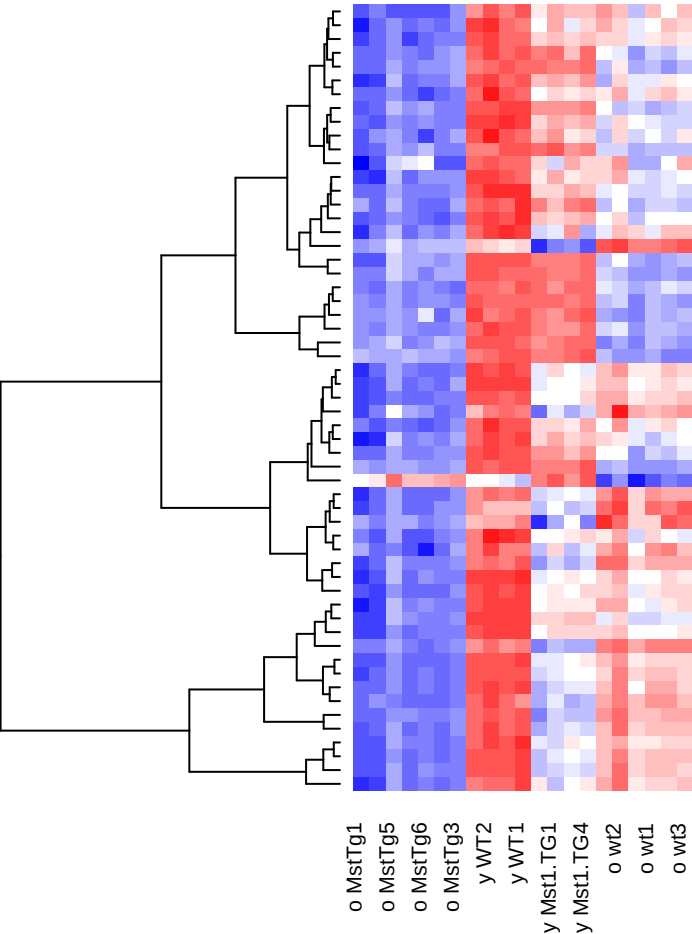
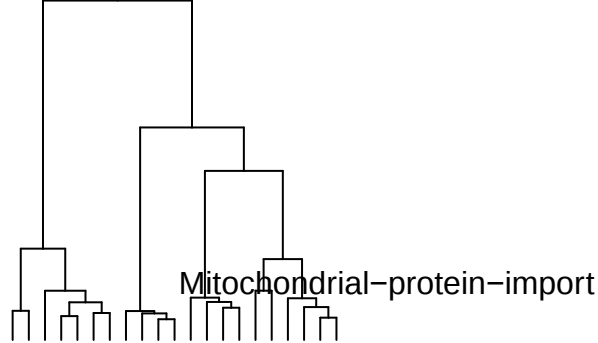
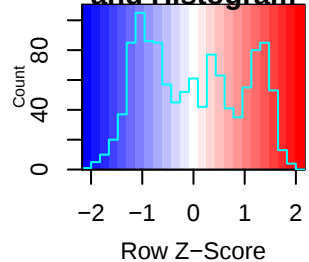


Color Key
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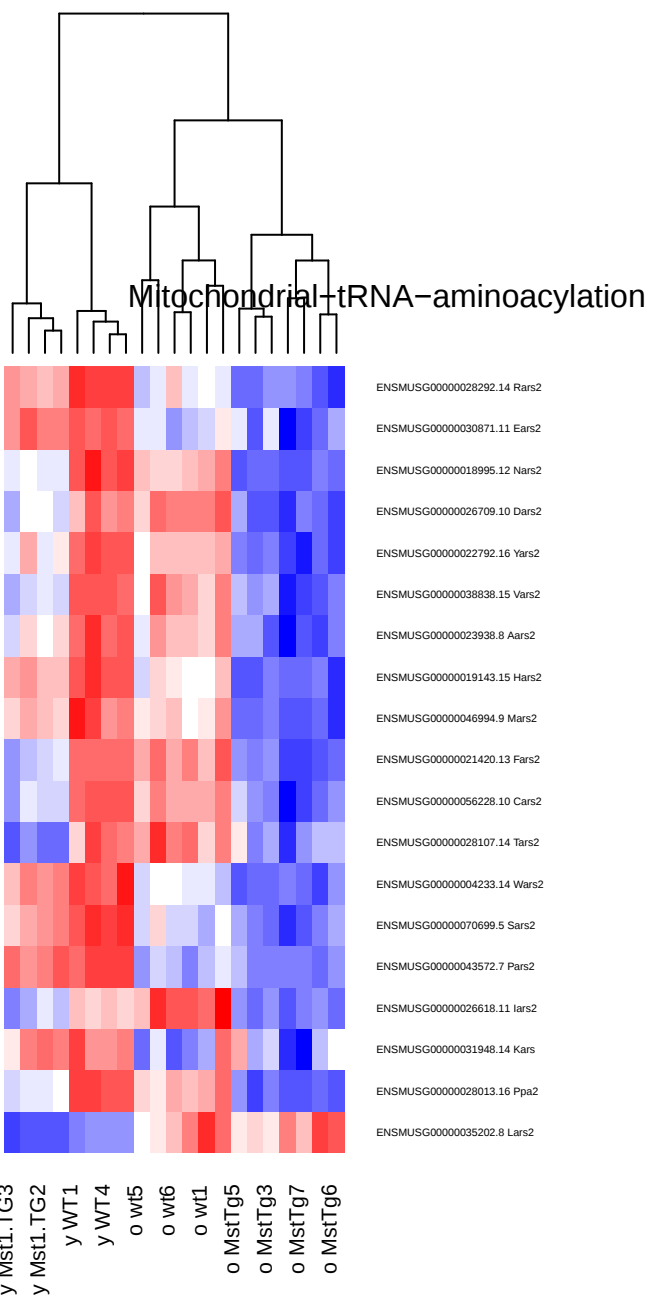
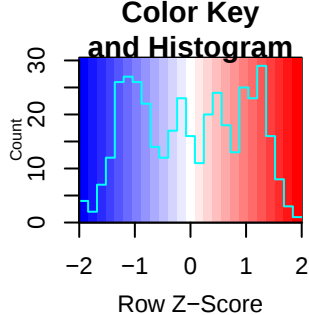


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Color Key
and Histogram

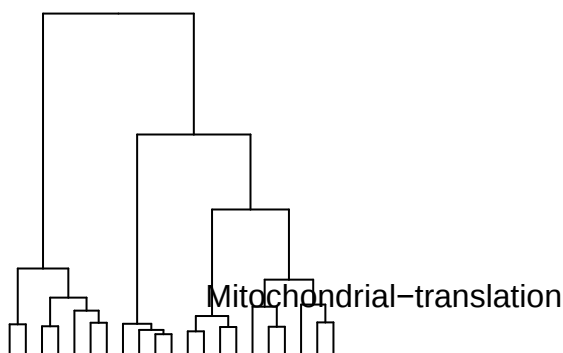
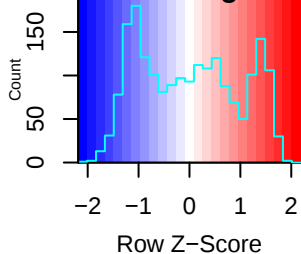


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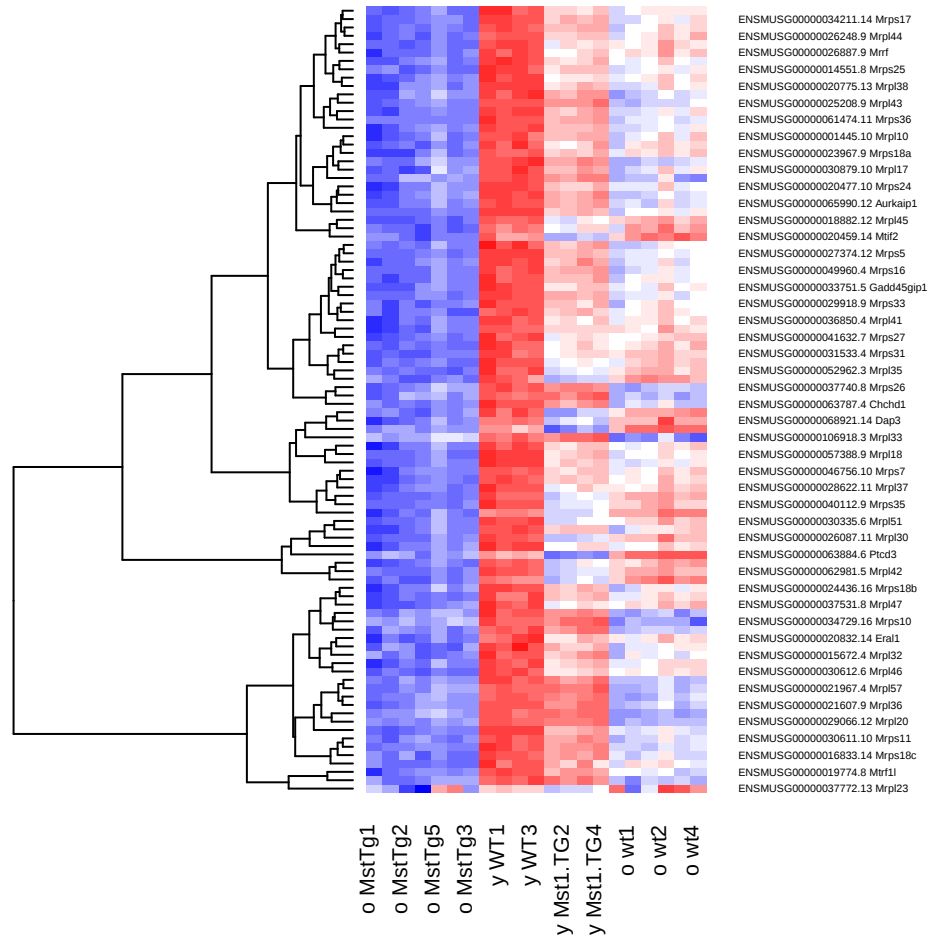


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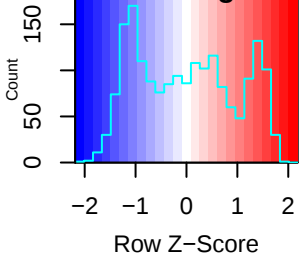
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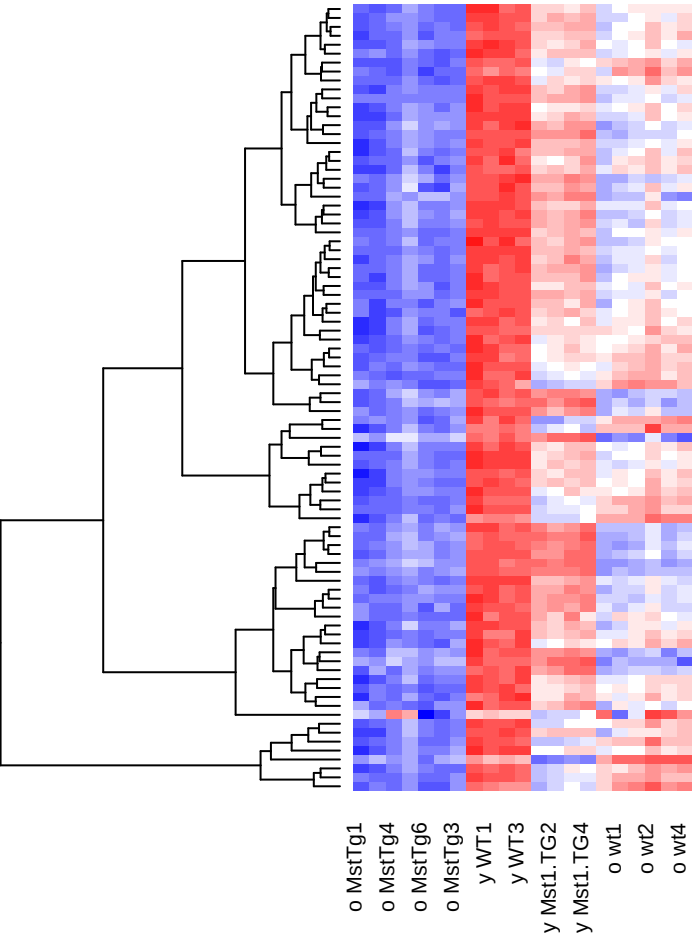
Mitochondrial-translation



Color Key
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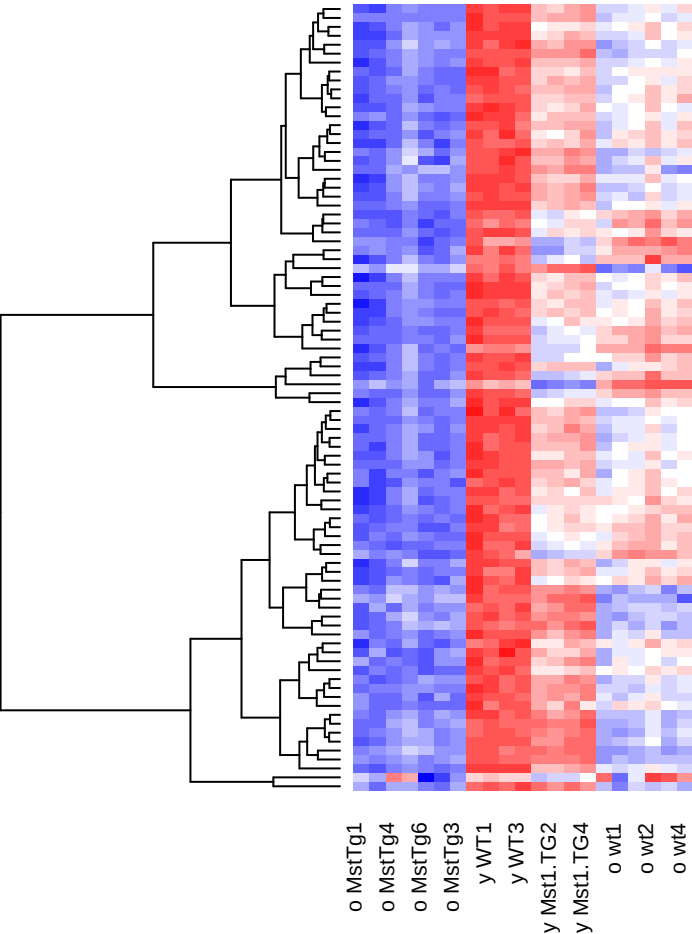
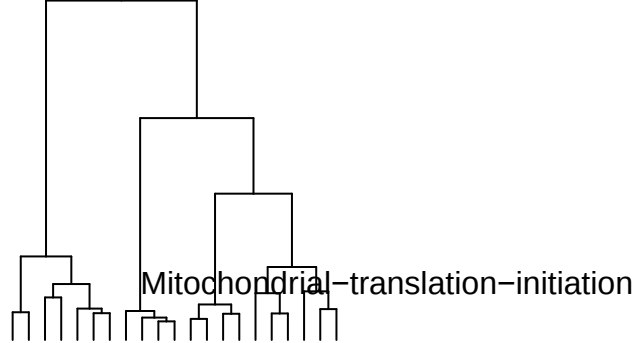
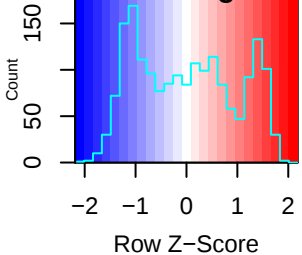


Mitochondrial translation-elongation



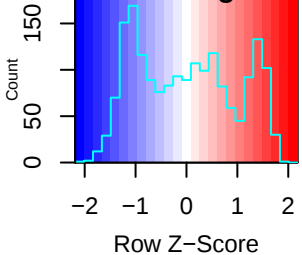
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Color Key and Histogram

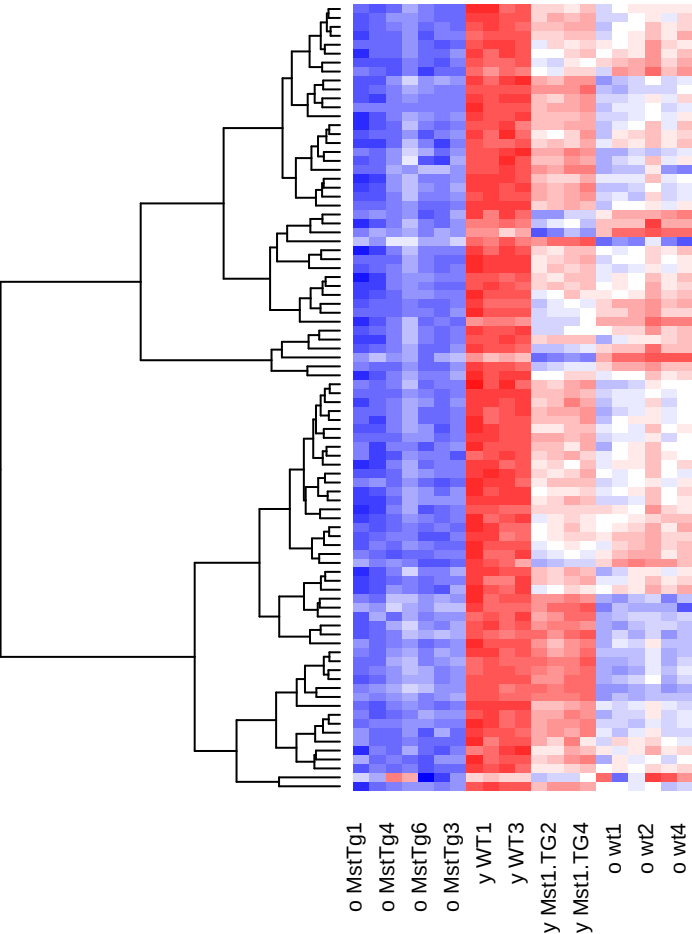


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Color Key and Histogram

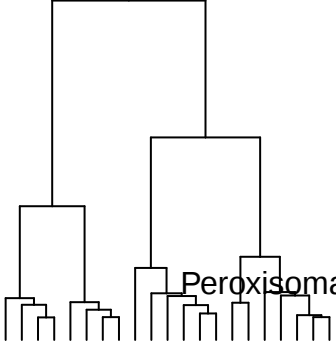
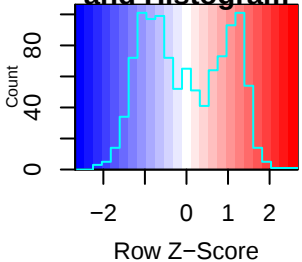


Mitochondrial translation-termination

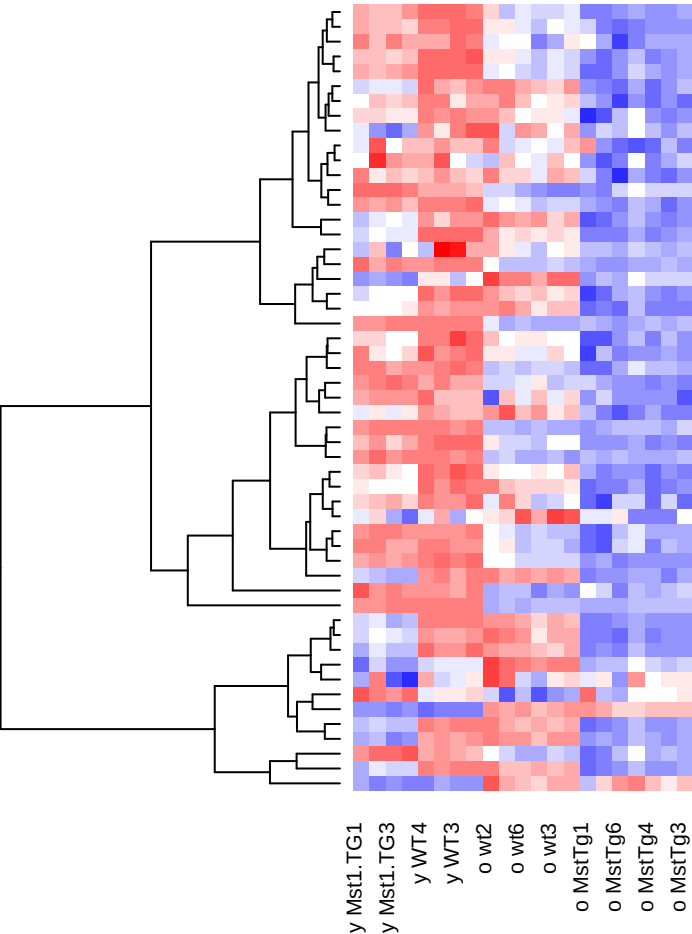


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Color Key
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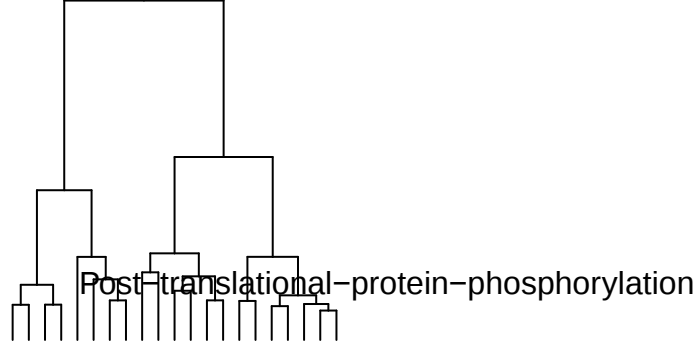
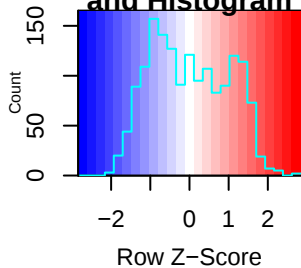
Peroxisomal-protein-import



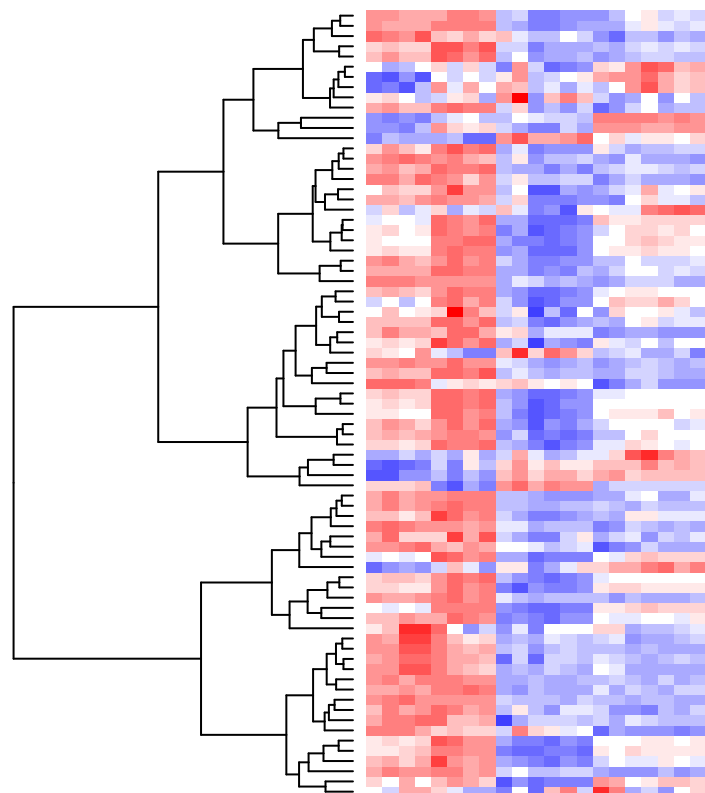
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y WT4
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o wt2
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o wt3
o MstTg1
o MstTg6
o MstTg4
o MstTg3

Color Key
and Histogram



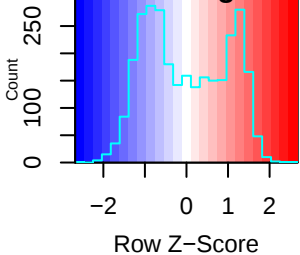
Post-translational-protein-phosphorylation



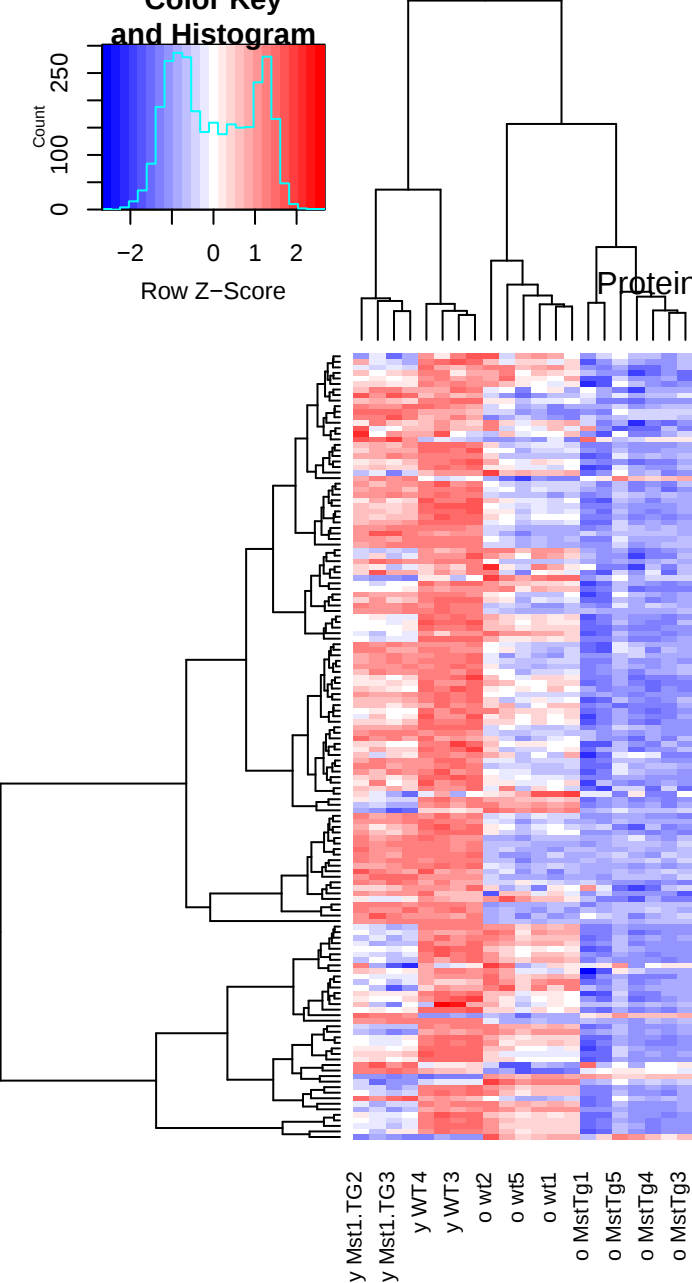
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y WT3
y WT1
y Mst1.TG1
y Mst1.TG2
o wt4
o wt5
o wt6
o MstTg1
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o MstTg4
o MstTg2

Color Key
and Histogram

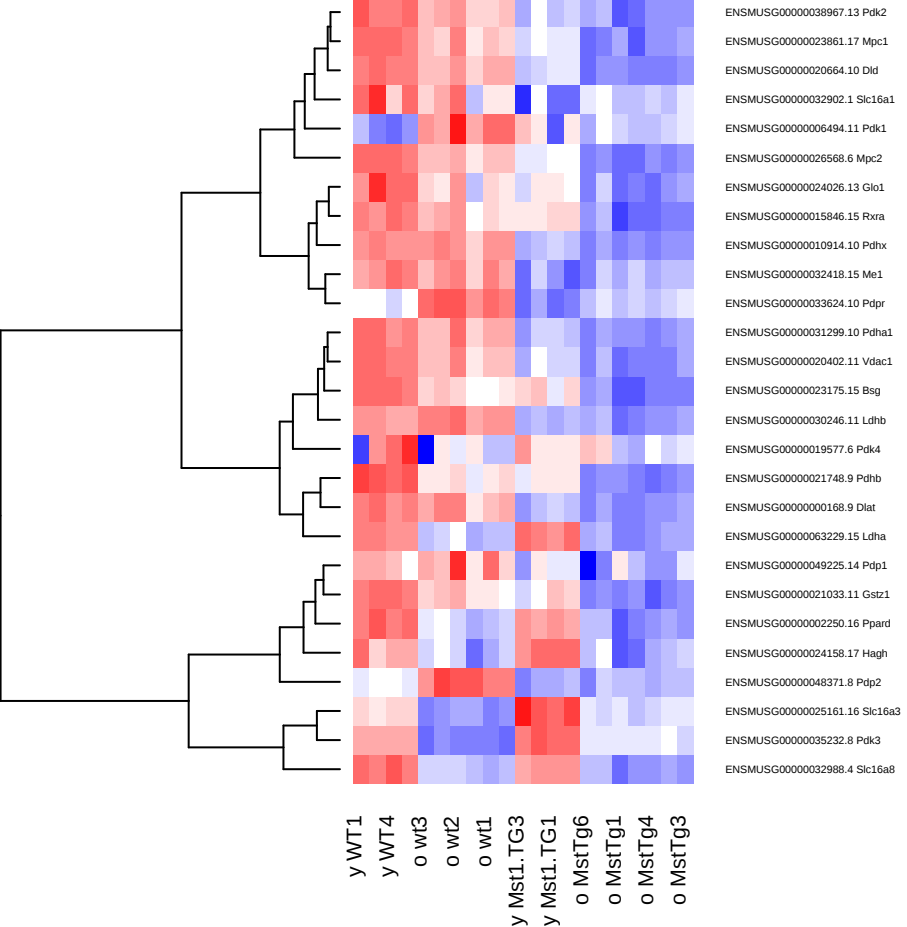
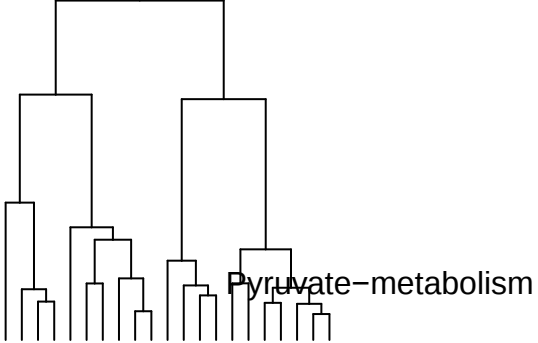
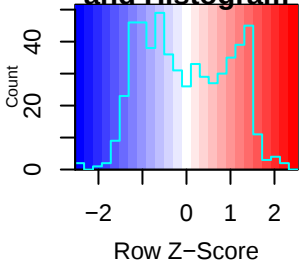


Protein-localization

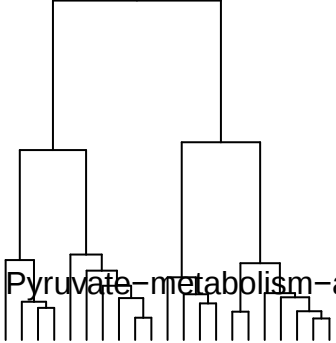
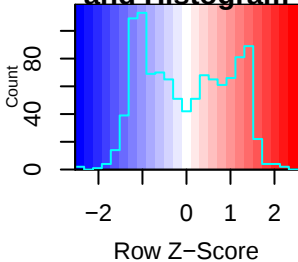


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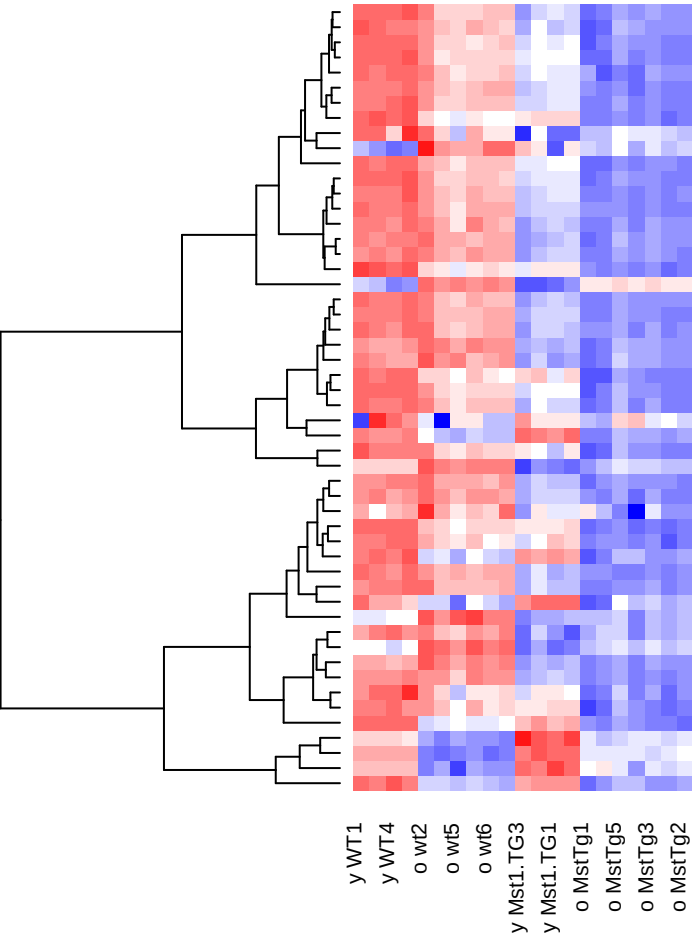
Color Key and Histogram



Color Key
and Histogram

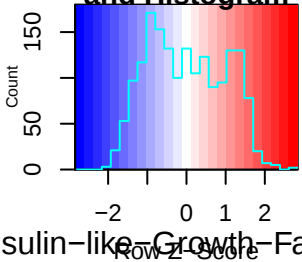


Pyruvate-metabolism-and-Citric-Acid-(TCA)-cycle

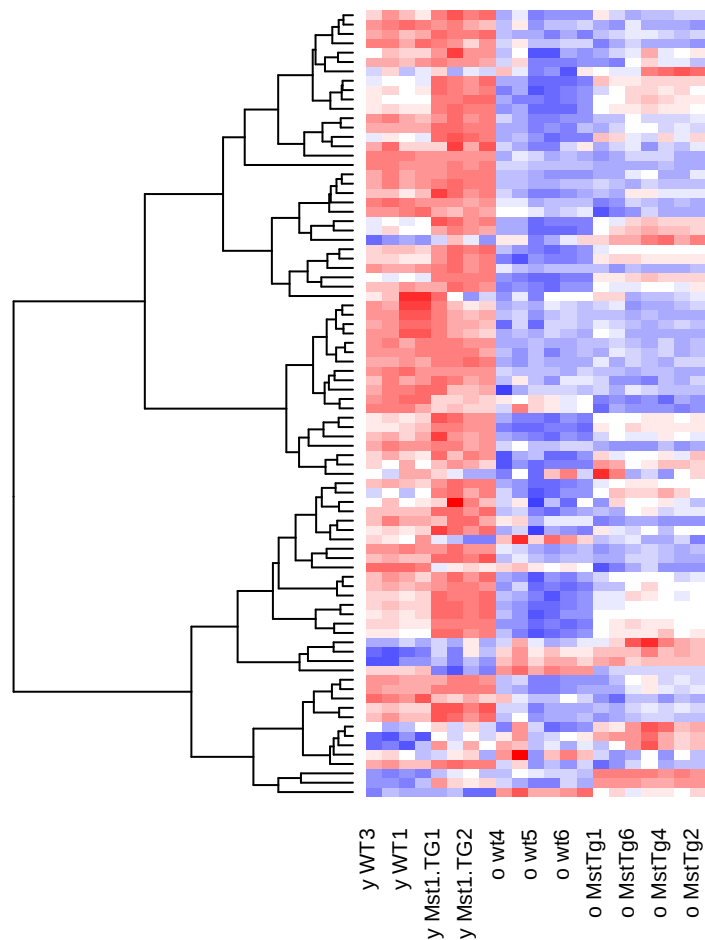


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Color Key
and Histogram

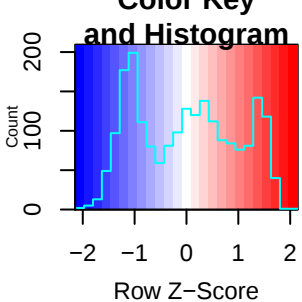


-Insulin-like-Growth-Factor-(IGF)-transport-and-uptake-by-Insulin-like-Growth-Factor-Bin

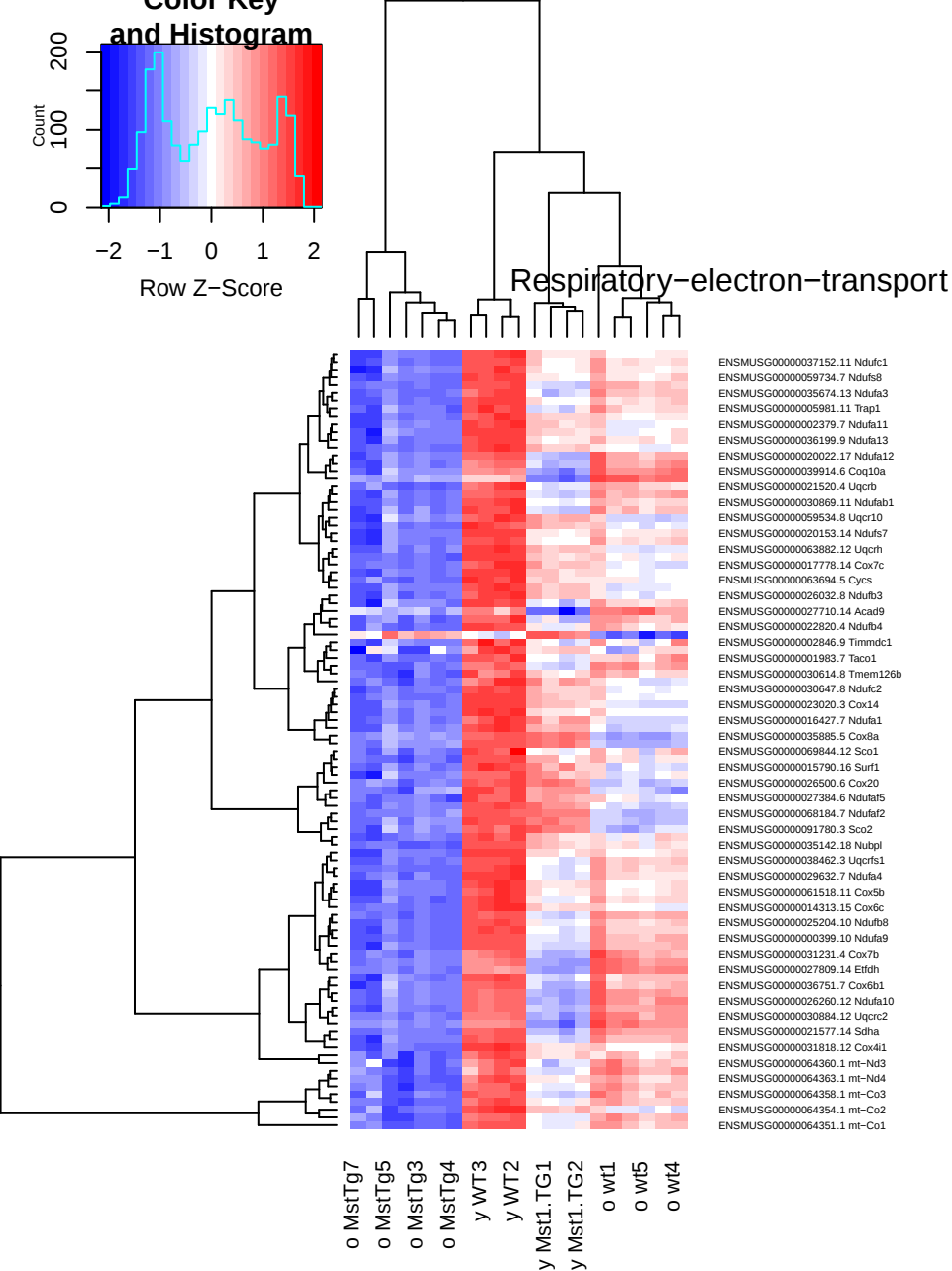


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Color Key
and Histogram

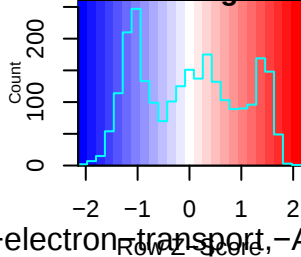


Respiratory-electron-transport

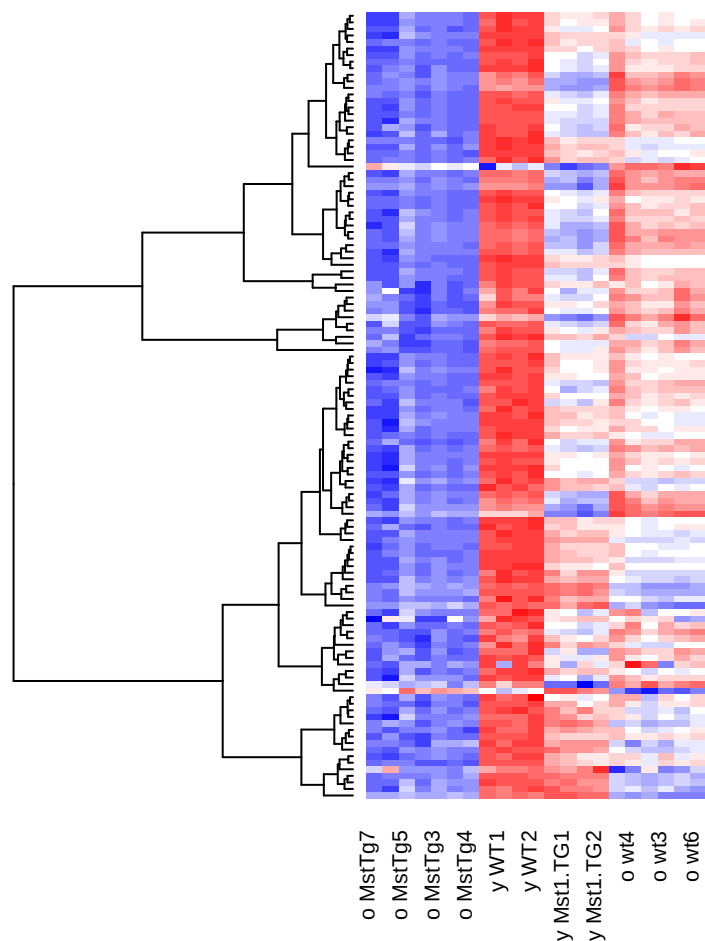


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Color Key
and Histogram

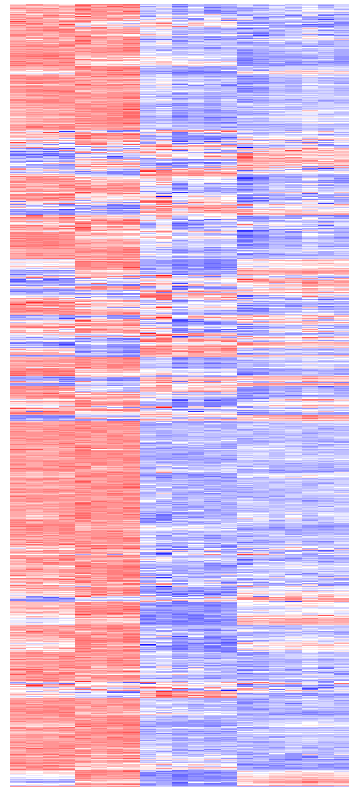
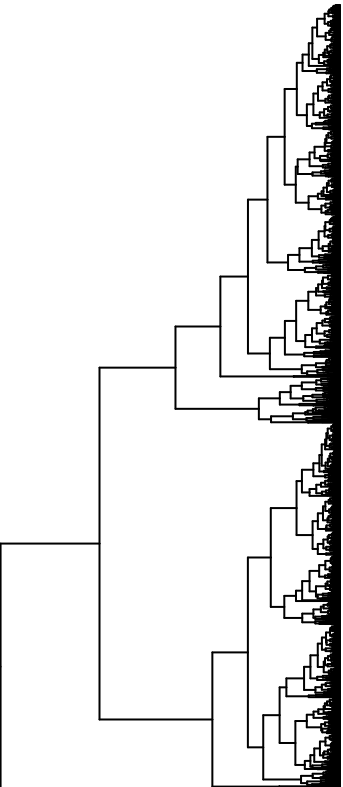
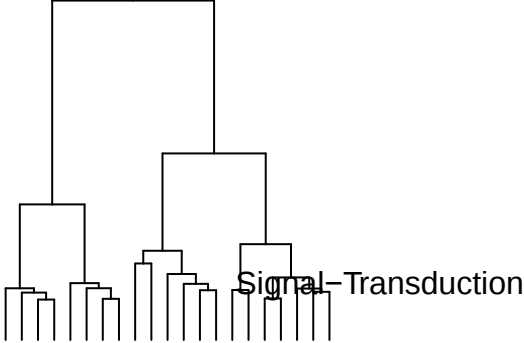
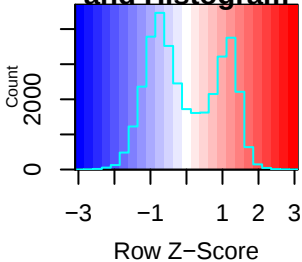


y-electron-transport,-ATP-synthesis-by-chemiosmotic-coupling,-and-heat-production-by-



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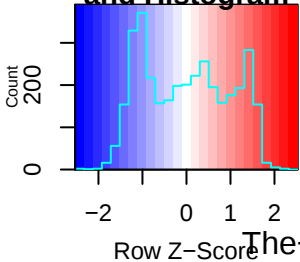
Color Key
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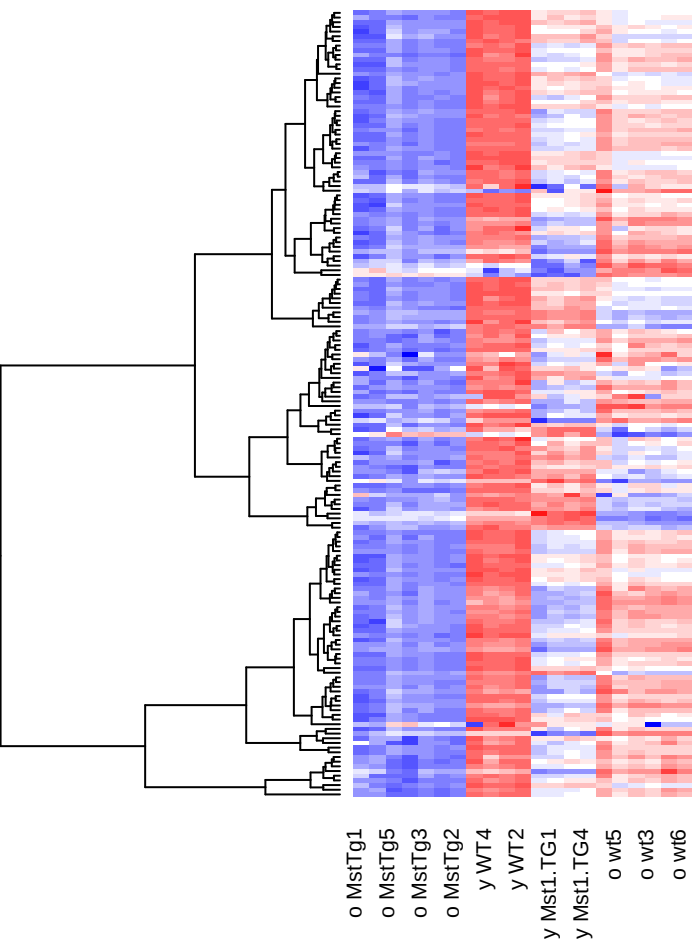
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y WT3
y Mst1.TG1
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Color Key
and Histogram

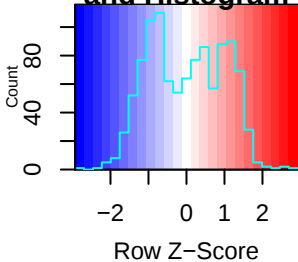


The-citric-acid-(TCA)-cycle-and-respiratory-electron-transport

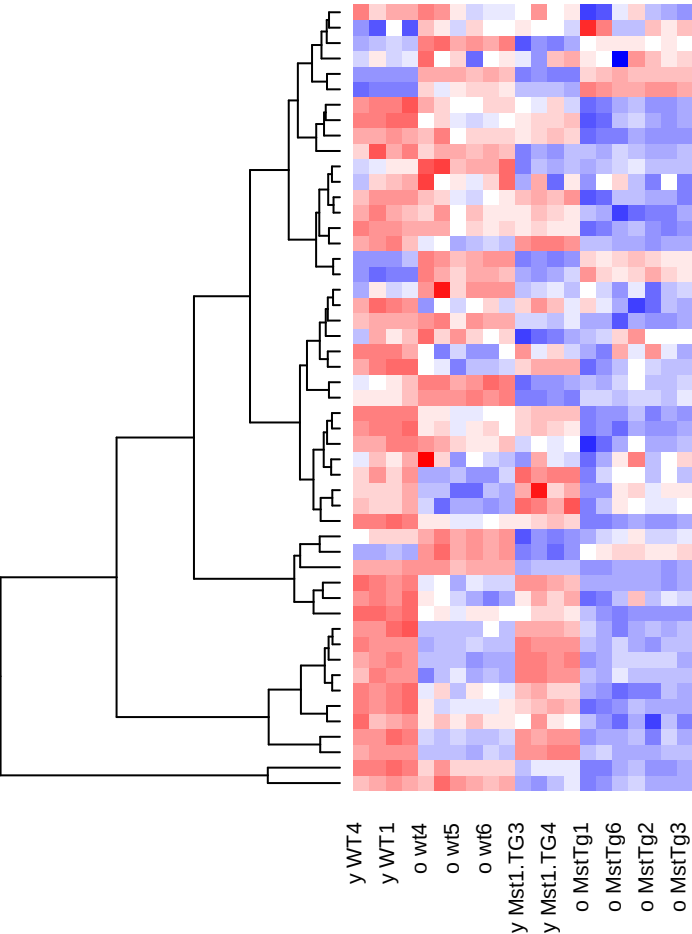


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Color Key
and Histogram

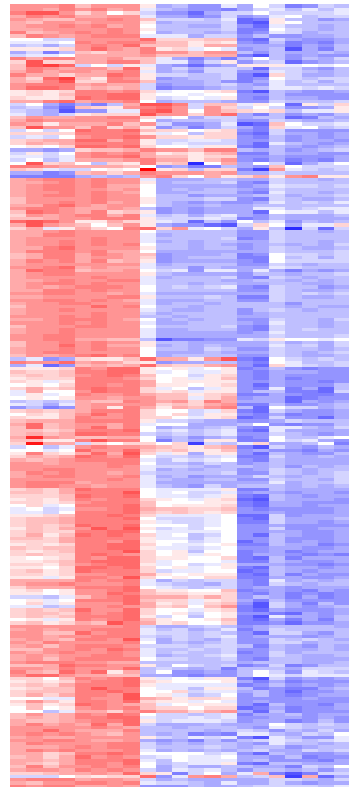
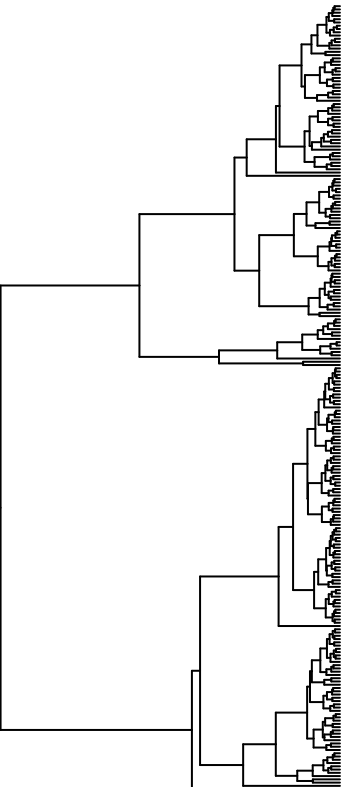
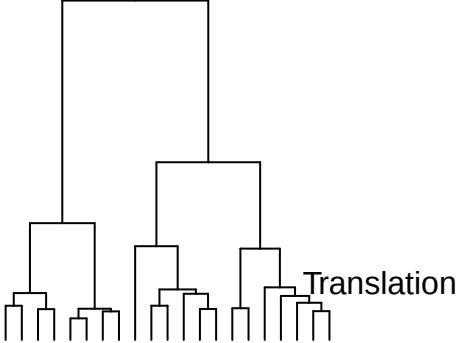
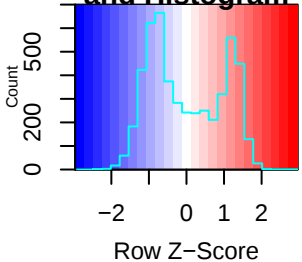


Transcriptional activation of mitochondrial biogenesis



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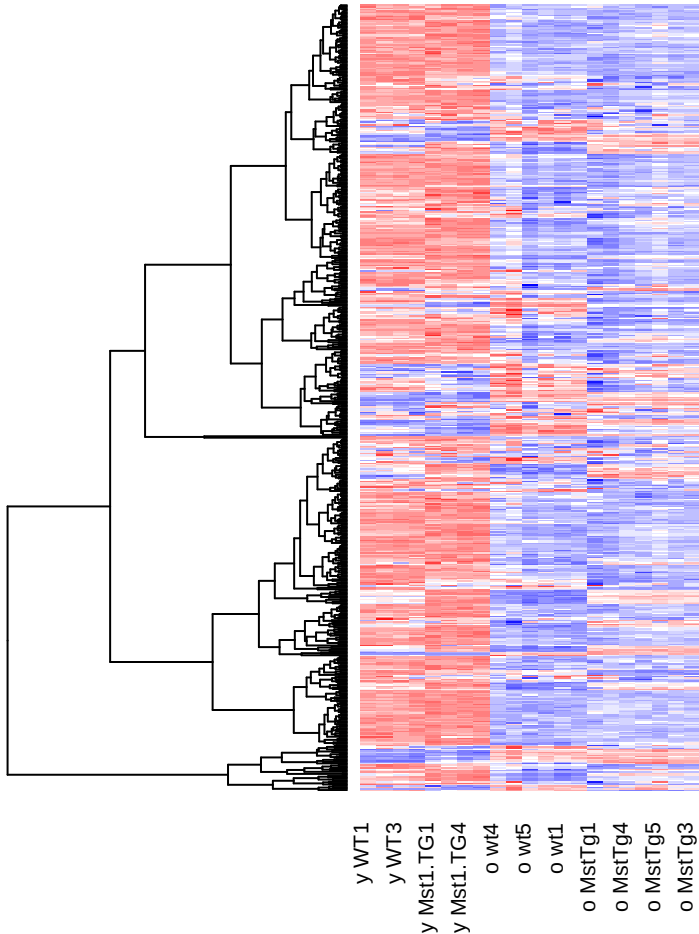
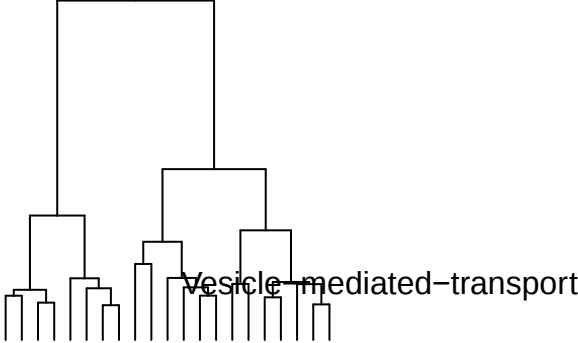
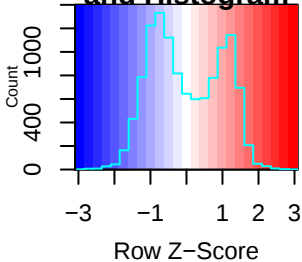
Color Key
and Histogram



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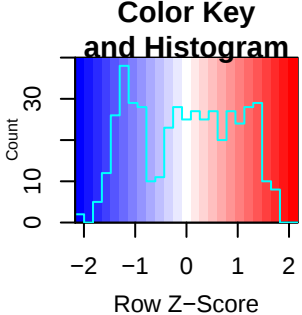
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Color Key and Histogram

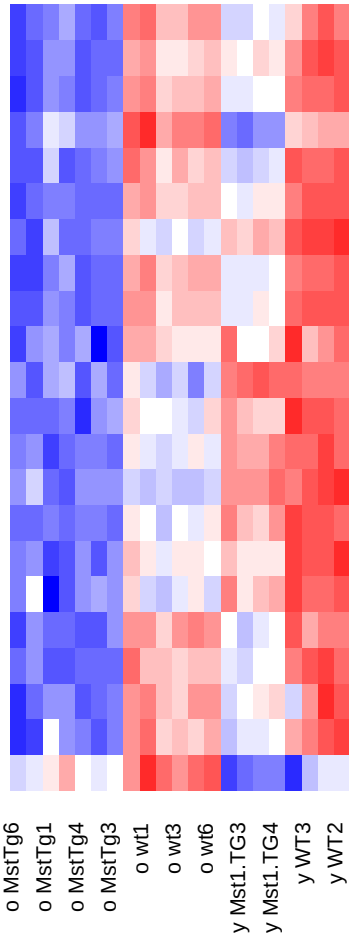
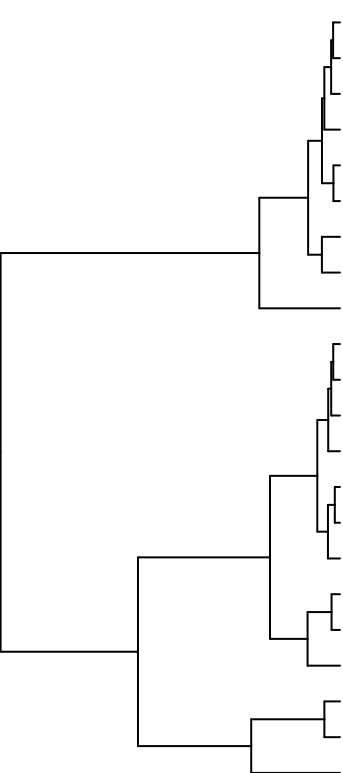


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Color Key
and Histogram



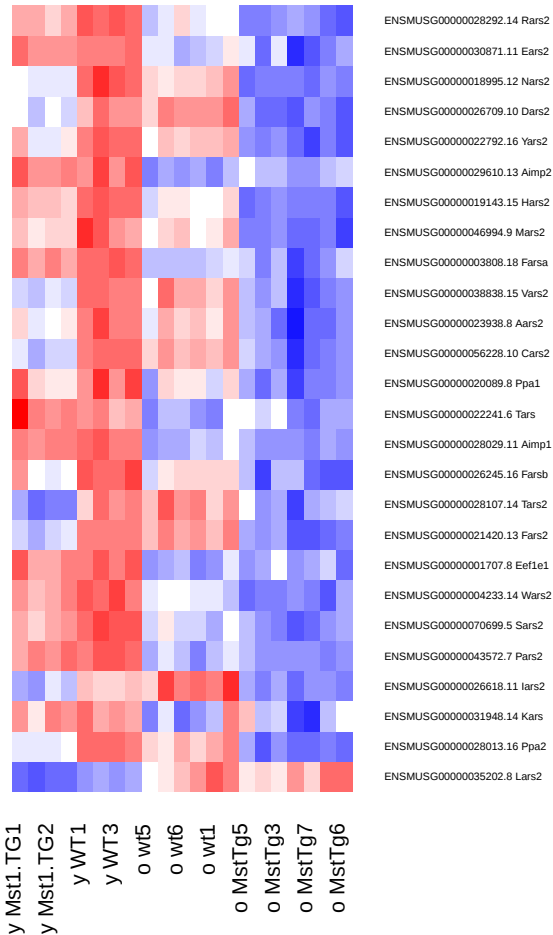
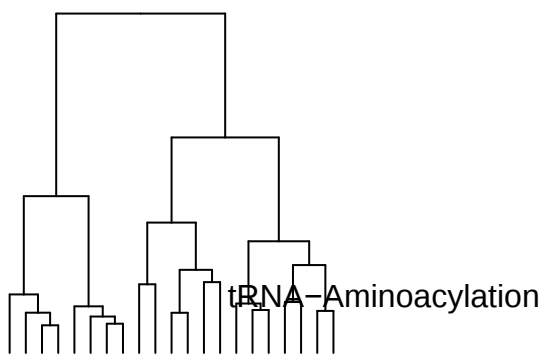
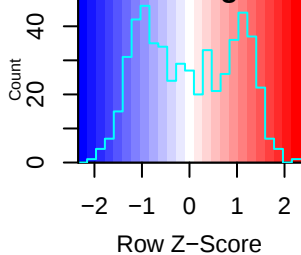
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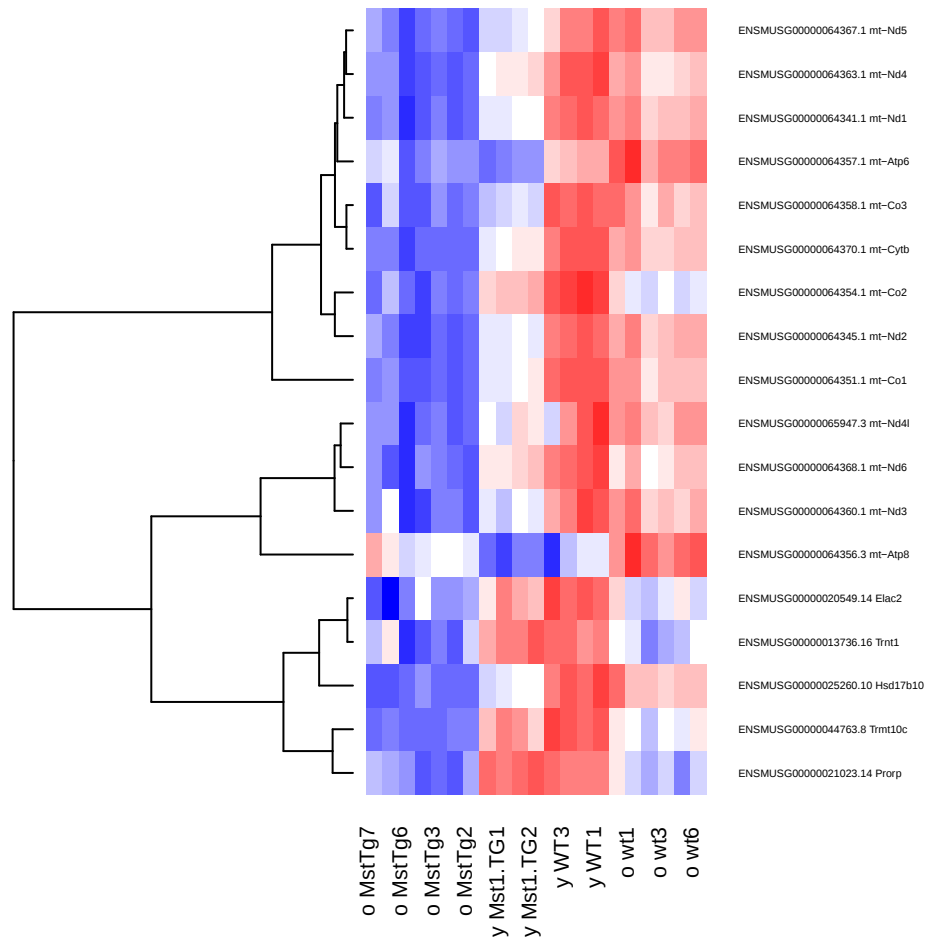
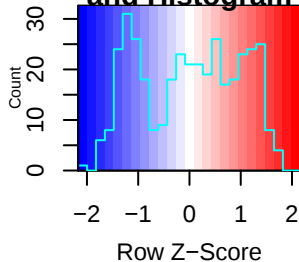
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Color Key

and Histogram



Color Key and Histogram



o MstTg7
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o MstTg3
o MstTg2
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y Mst1.TG2
y WT3
y WT1
o wt1
o wt3
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