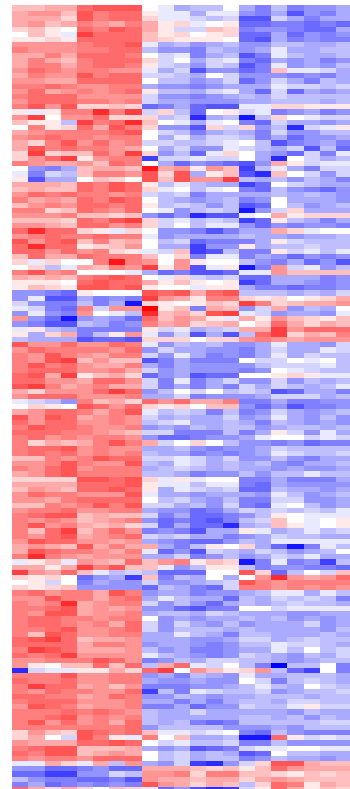
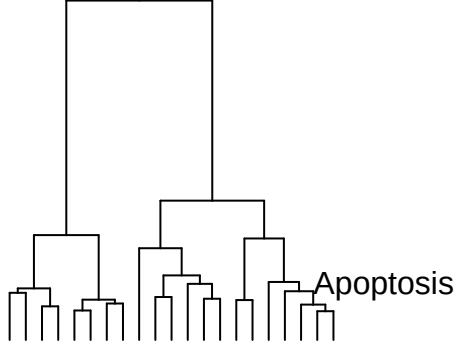
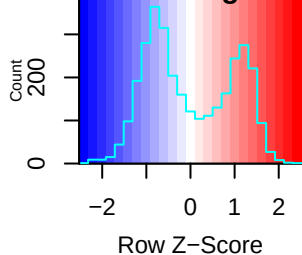


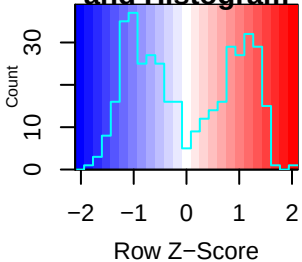
Color Key and Histogram



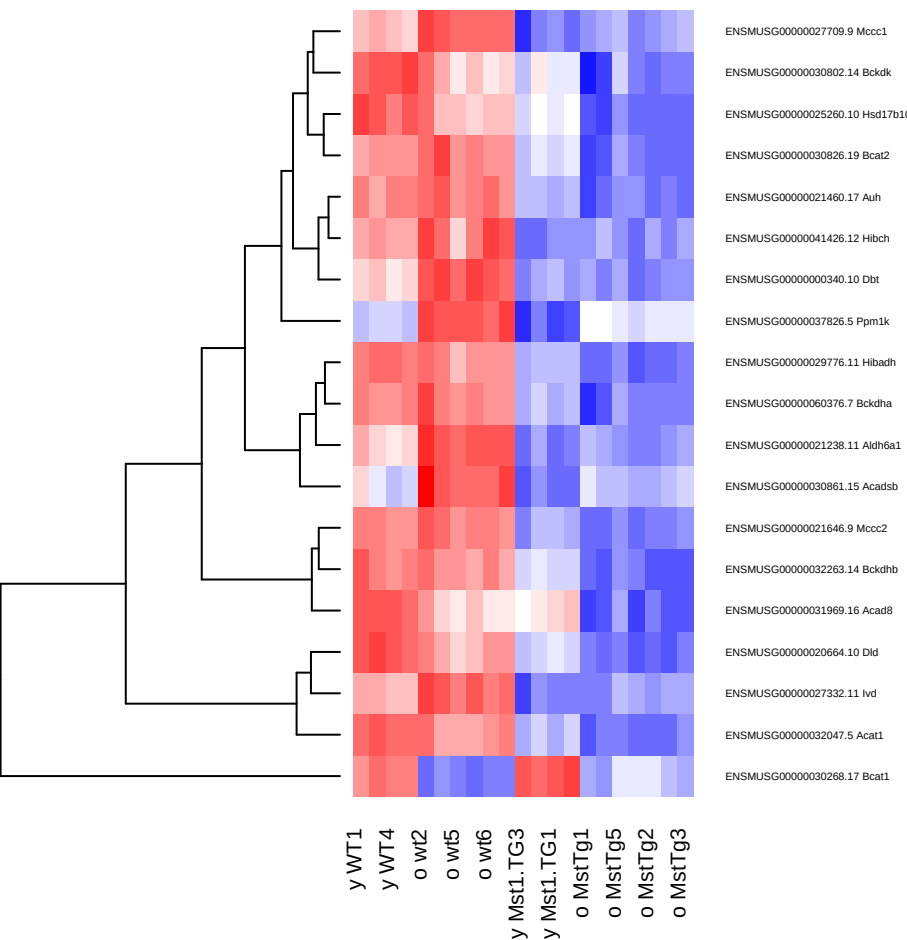
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o MstTg3

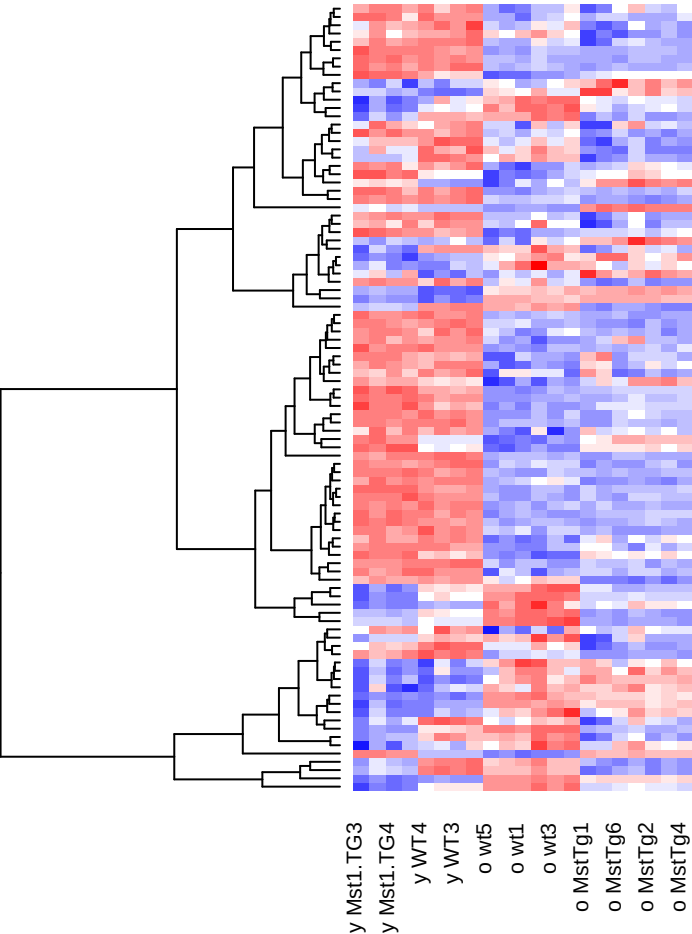
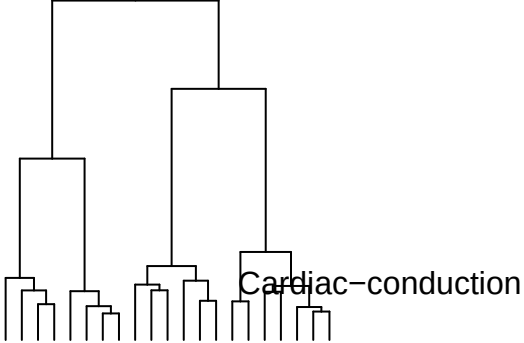
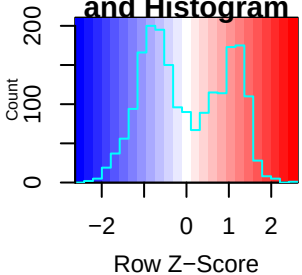
Color Key
and Histogram



Branched-chain-amino-acid-catabolism

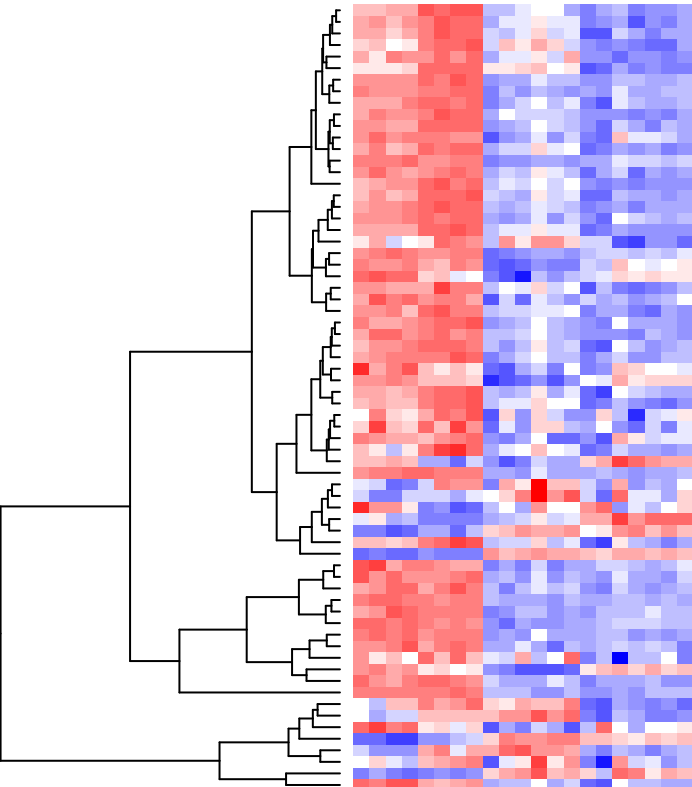
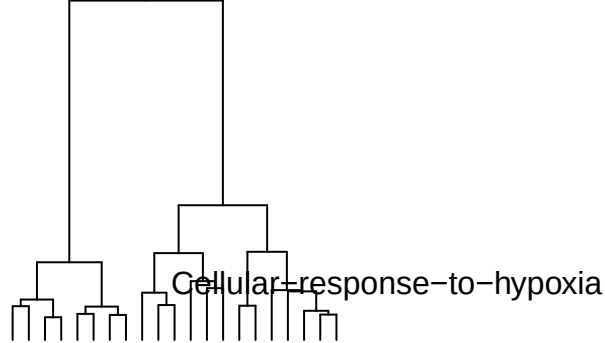
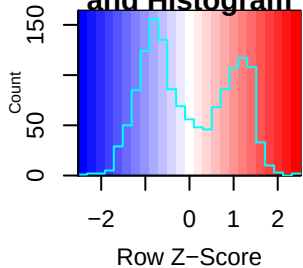


Color Key and Histogram



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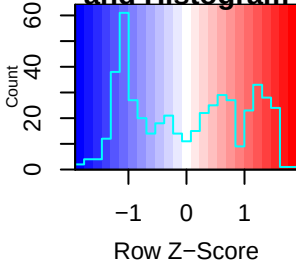
Color Key
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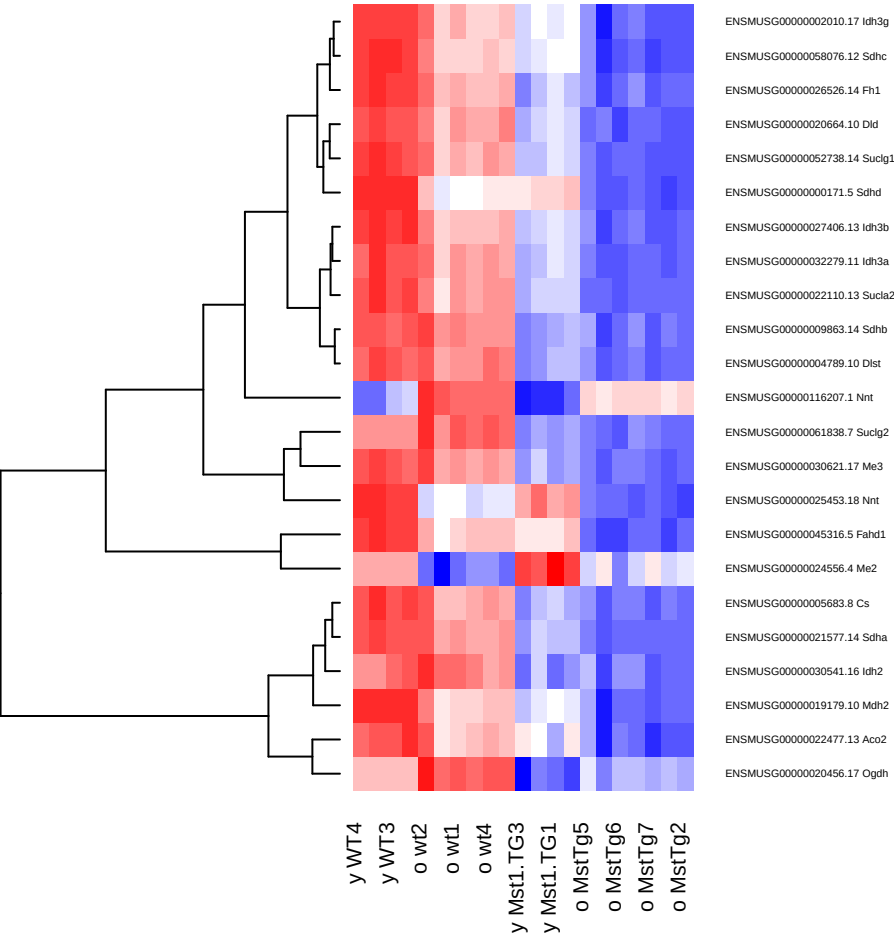
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y Mst1.TG2
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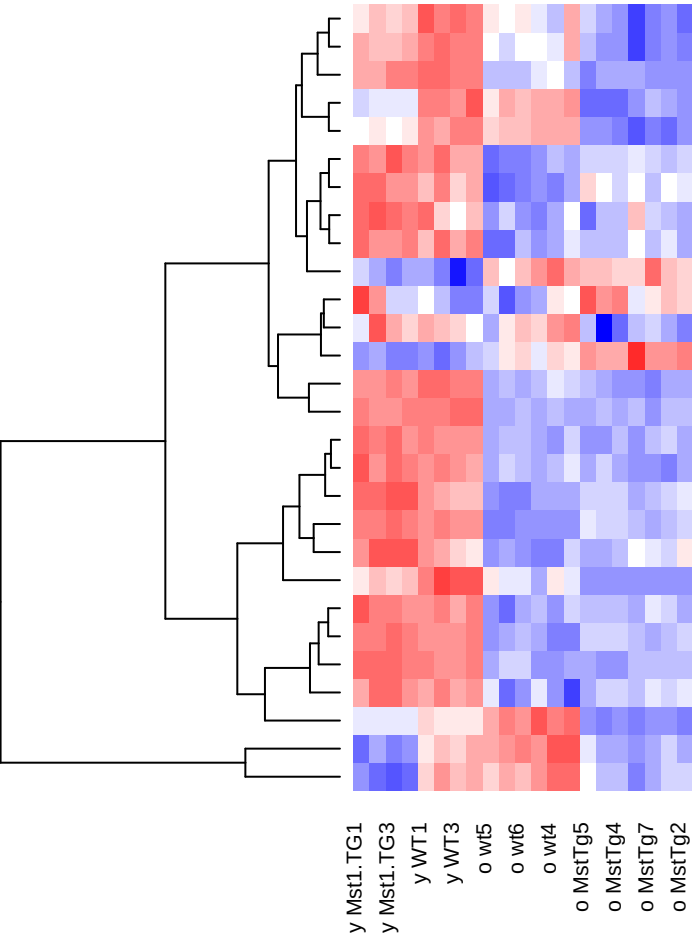
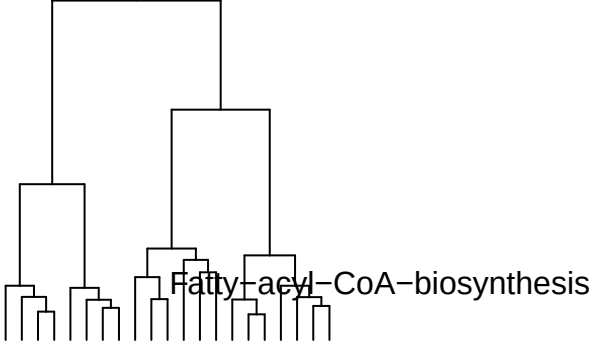
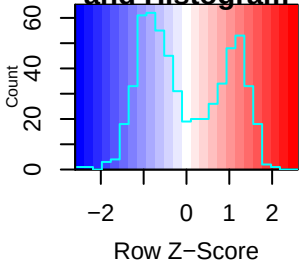
Color Key and Histogram



Citric acid cycle-(TCA-cycle)

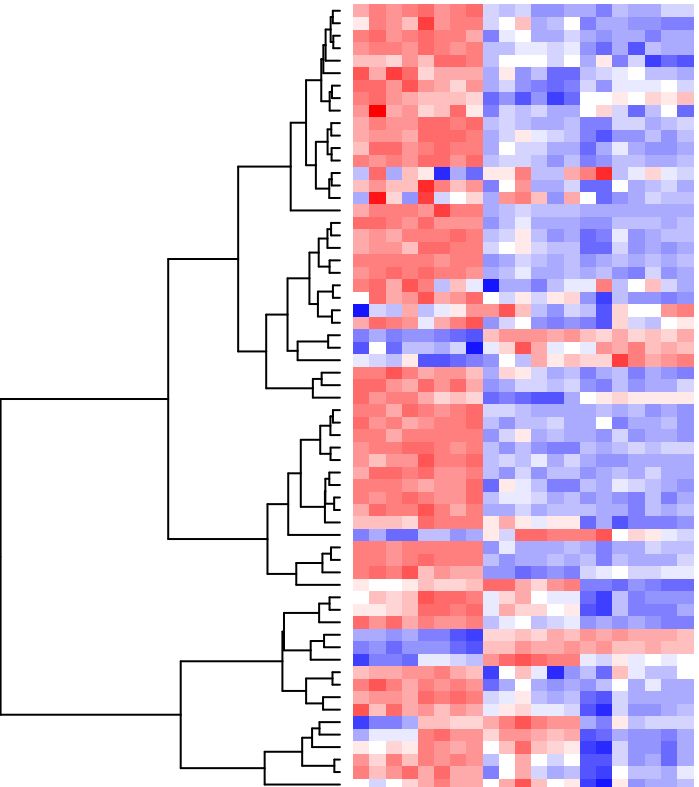
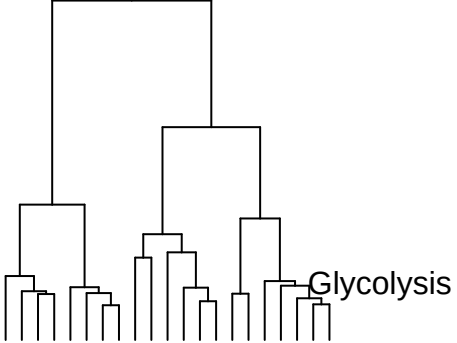
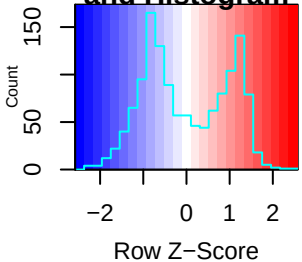


Color Key and Histogram



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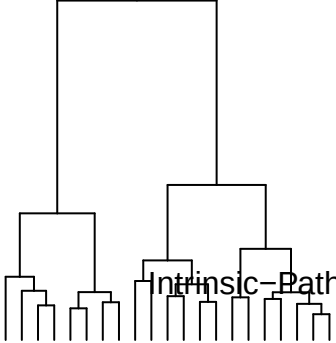
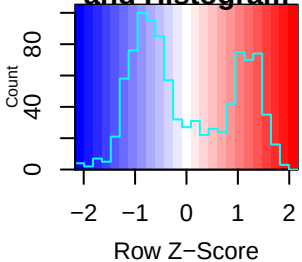
Color Key and Histogram



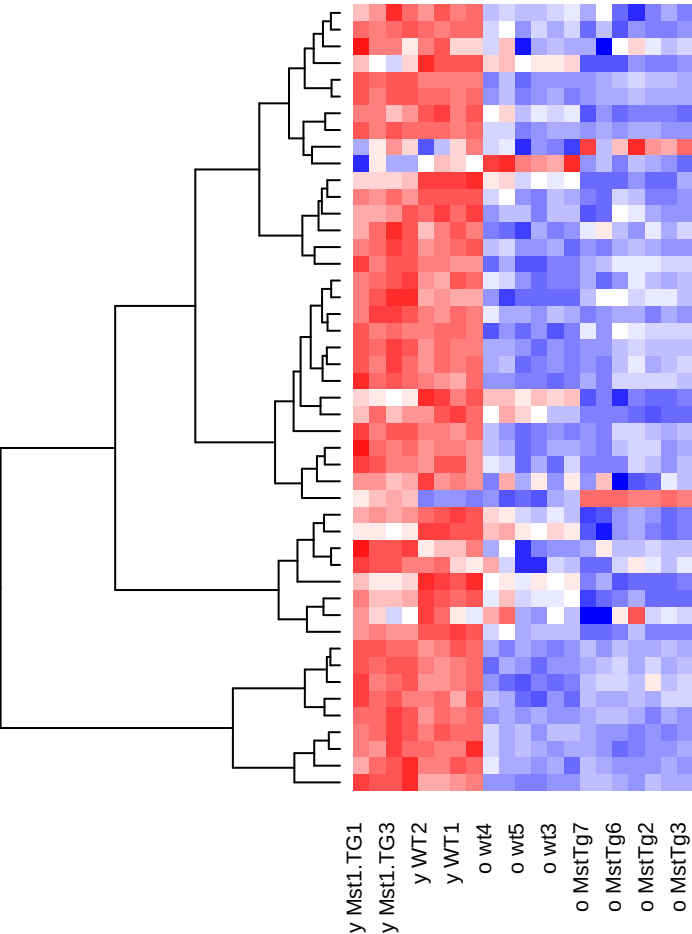
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- y Mst1.TG3
- y Mst1.TG4
- y WT2
- y WT3
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Color Key
and Histogram

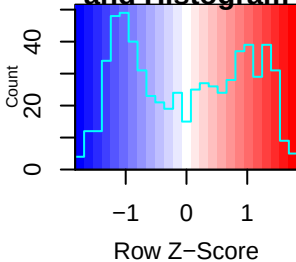


Intrinsic Pathway for Apoptosis

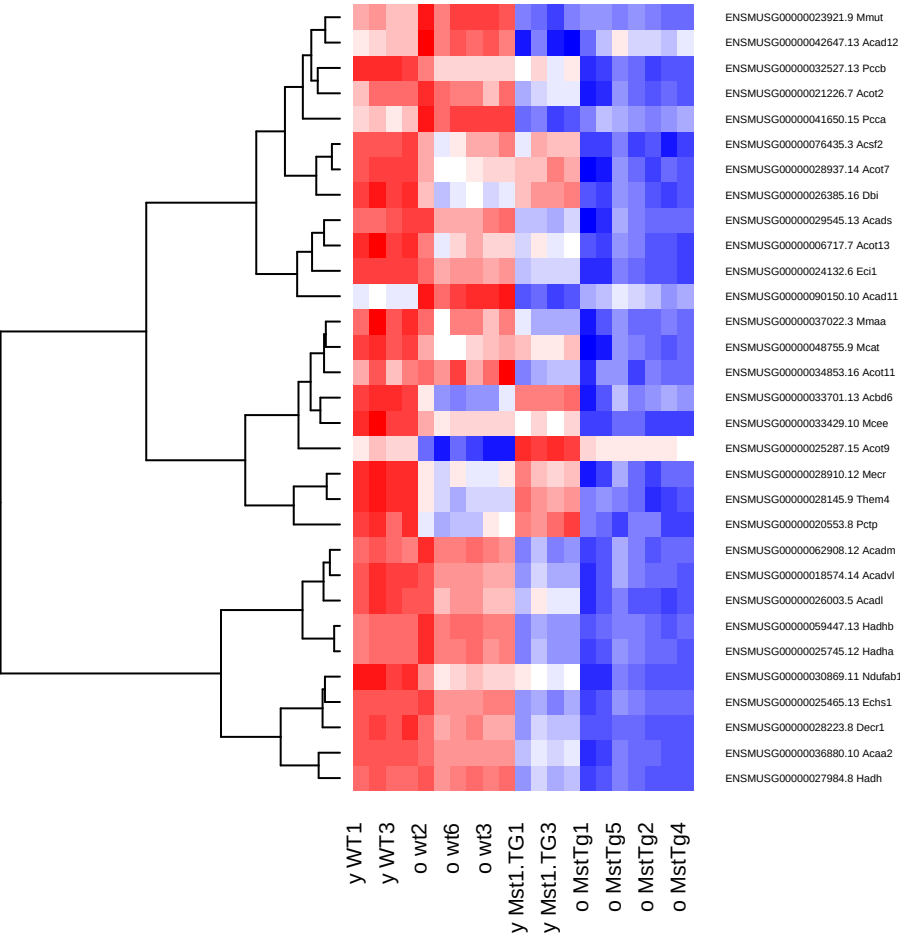


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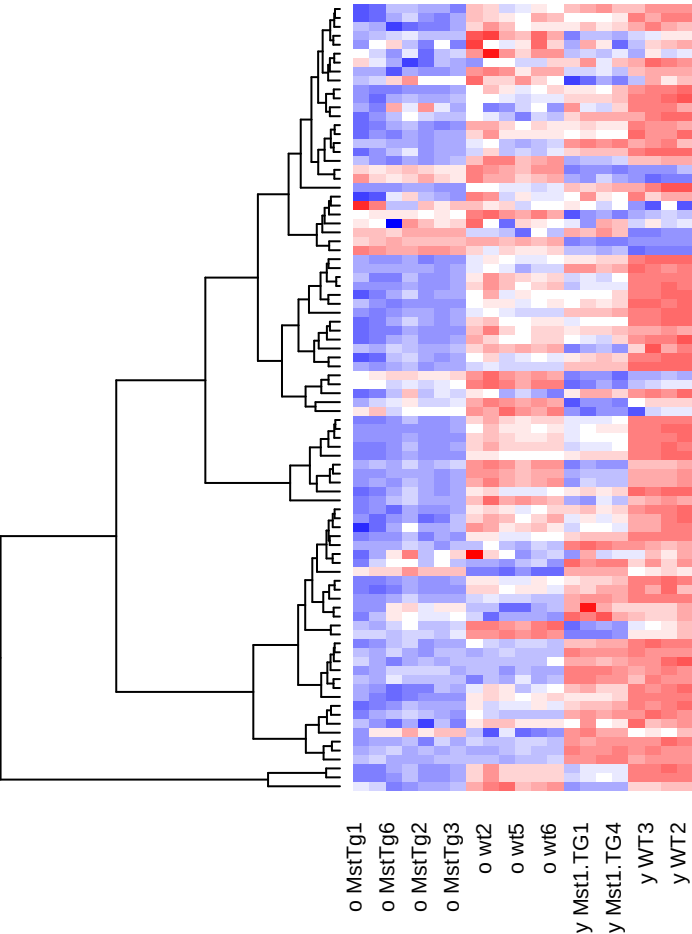
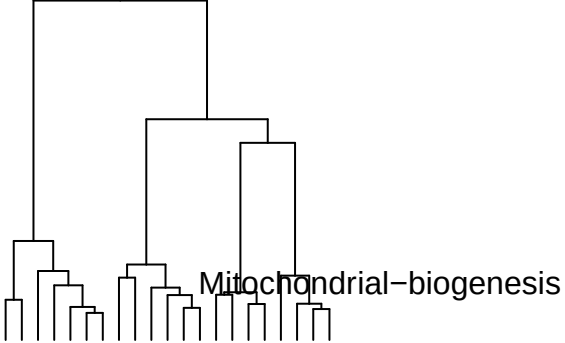
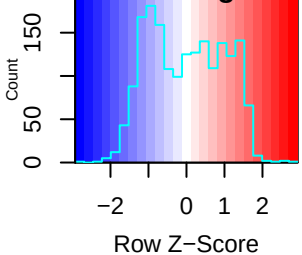
Color Key and Histogram



Mitochondrial Fatty-Acid-Beta-Oxidation

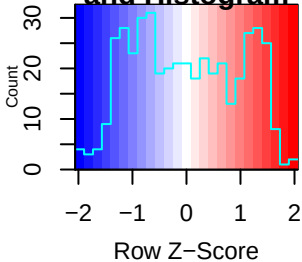


Color Key
and Histogram

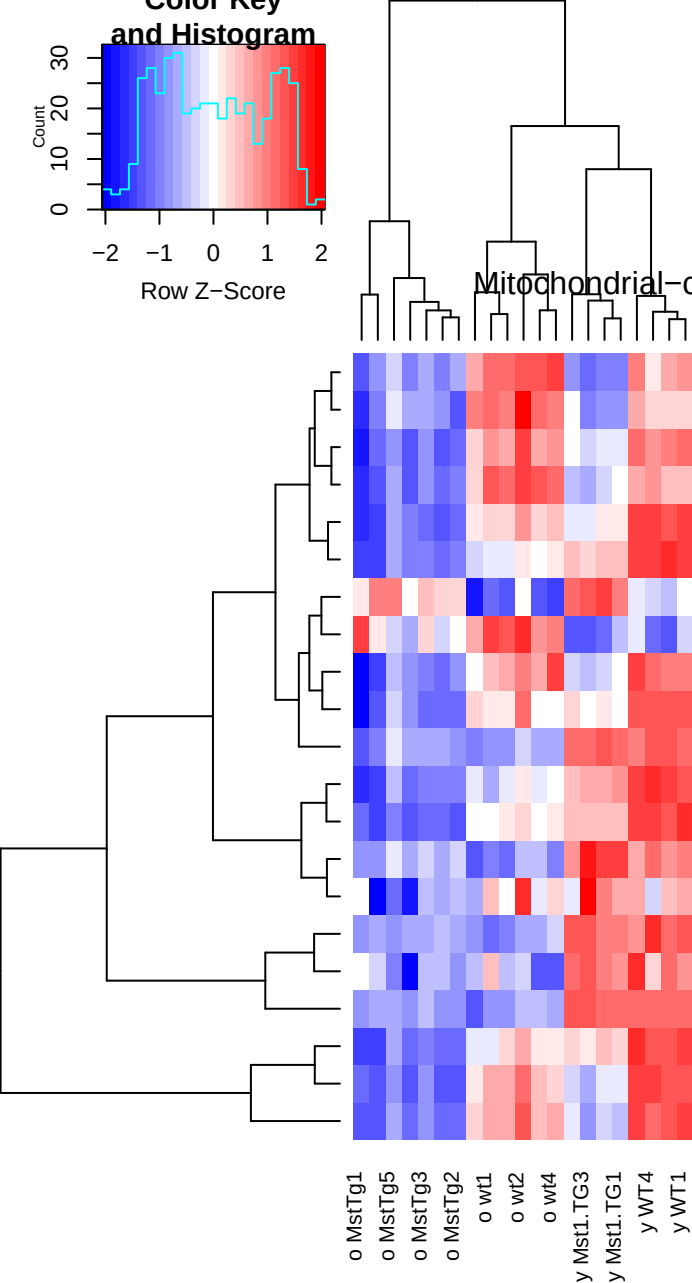


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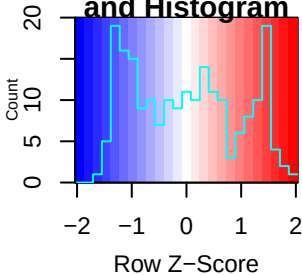
Color Key and Histogram



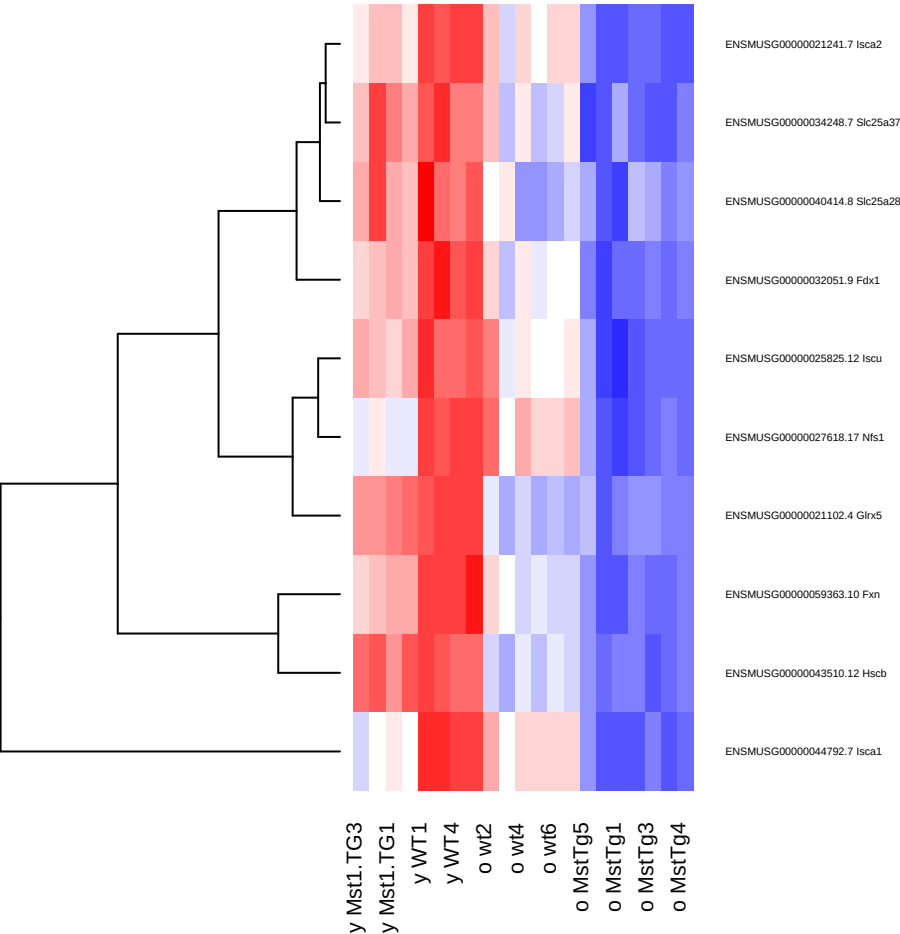
Mitochondrial-calcium-ion-transport



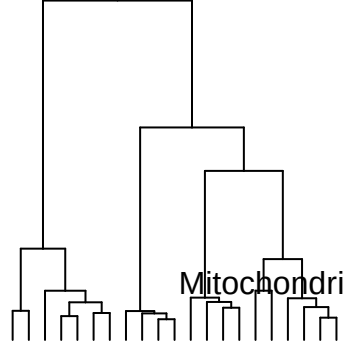
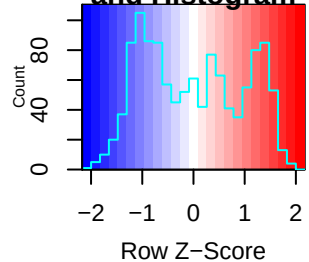
Color Key and Histogram



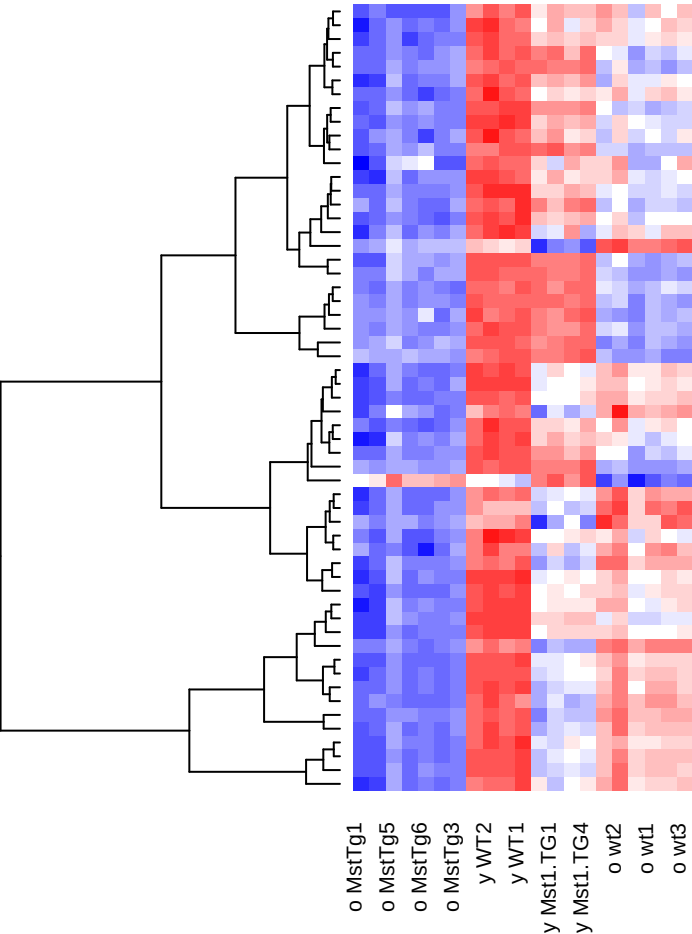
Mitochondrial-iron-sulfur-cluster-biogenesis



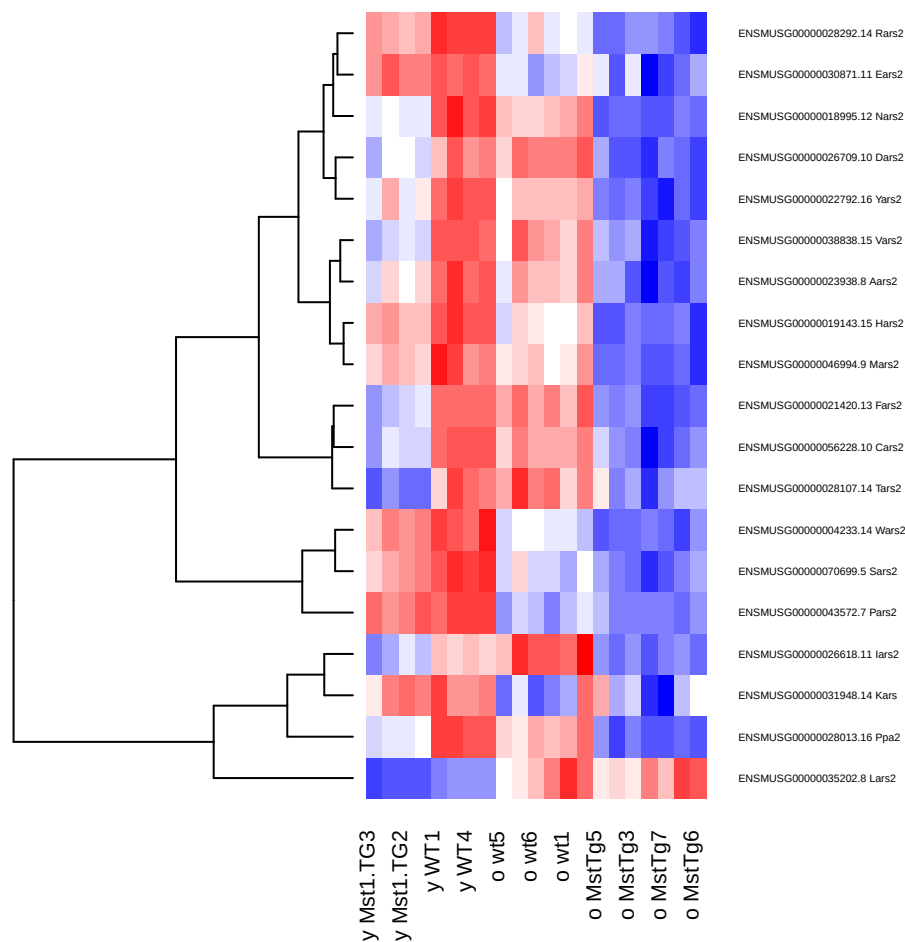
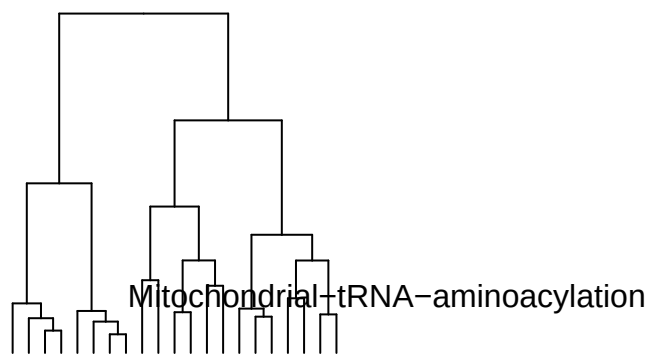
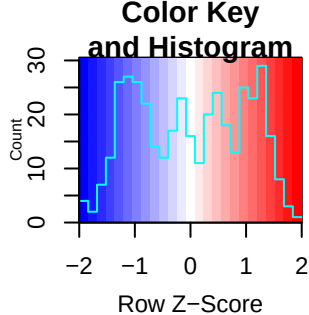
Color Key
and Histogram



Mitochondrial-protein-import

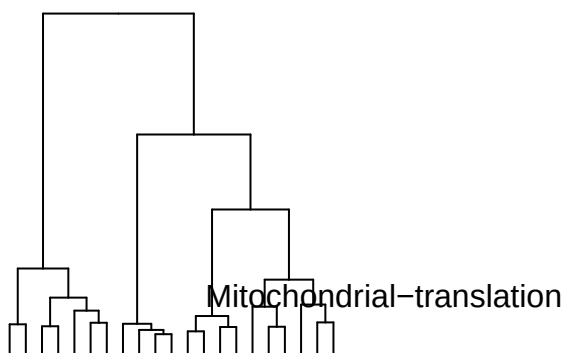
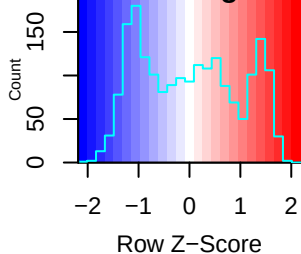


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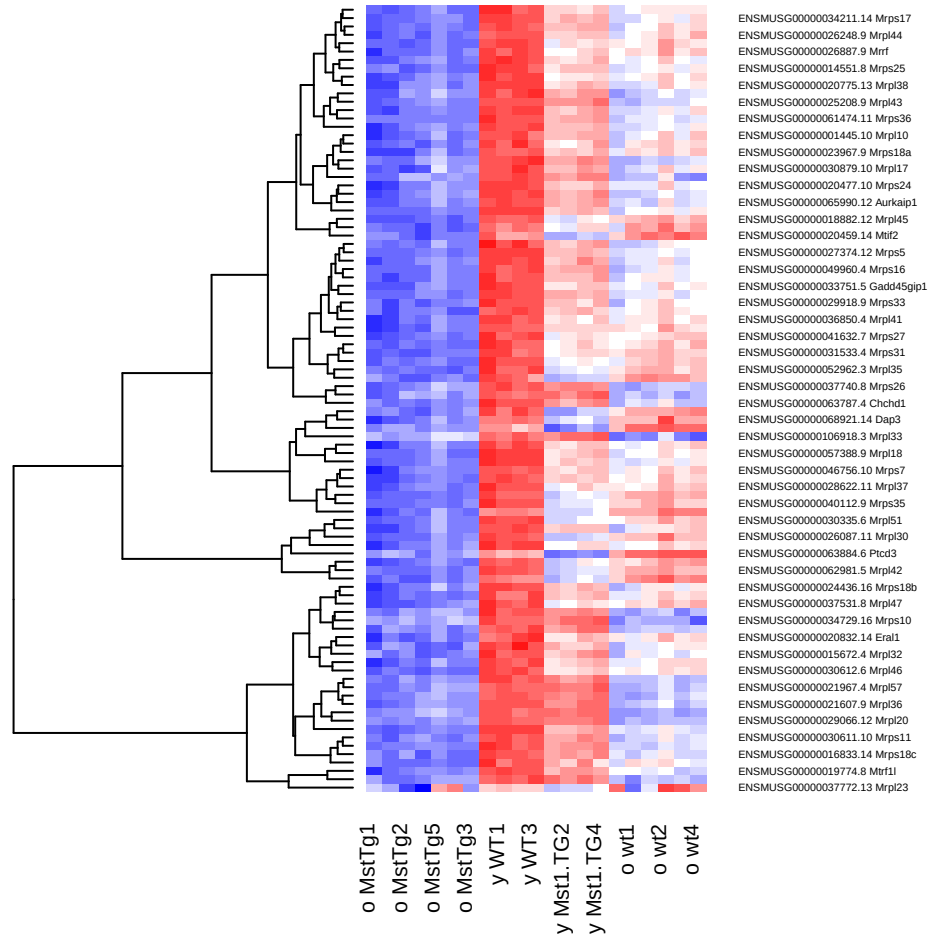


Color Key

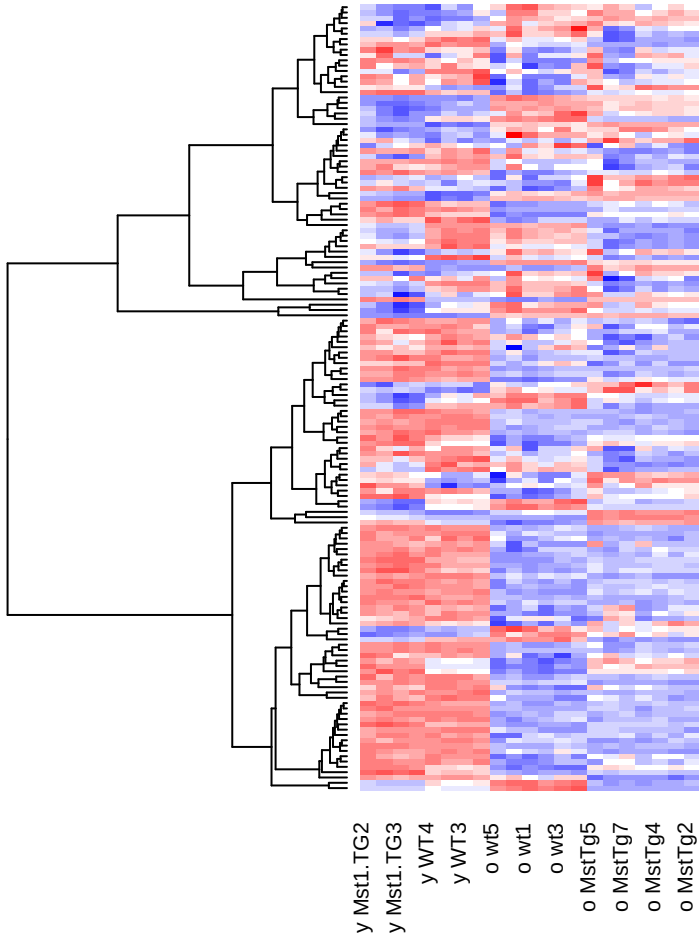
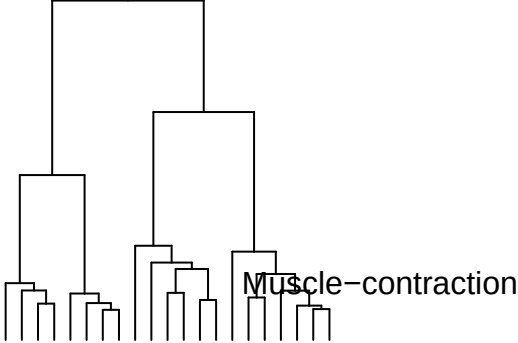
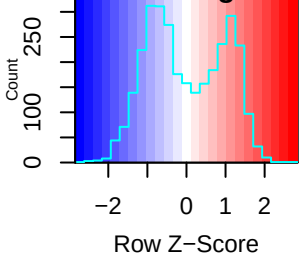
and Histogram



Mitochondrial-translation

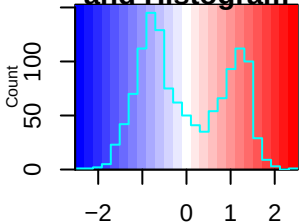


Color Key
and Histogram

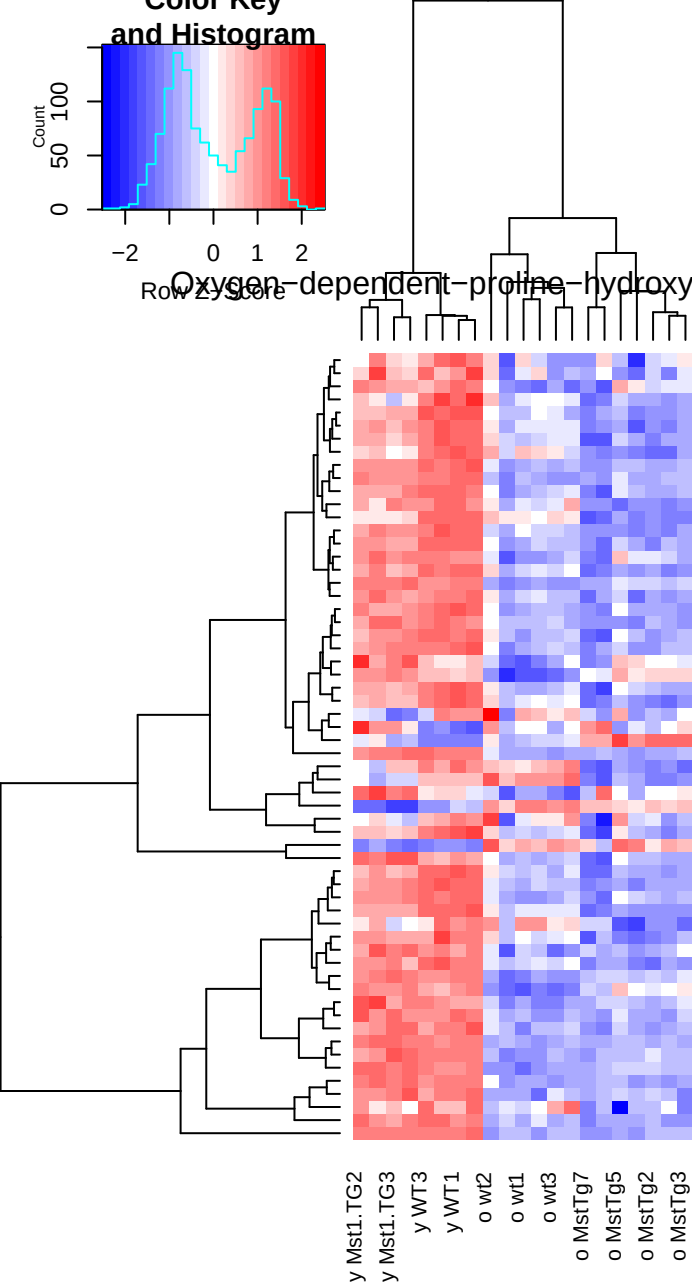


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Color Key
and Histogram



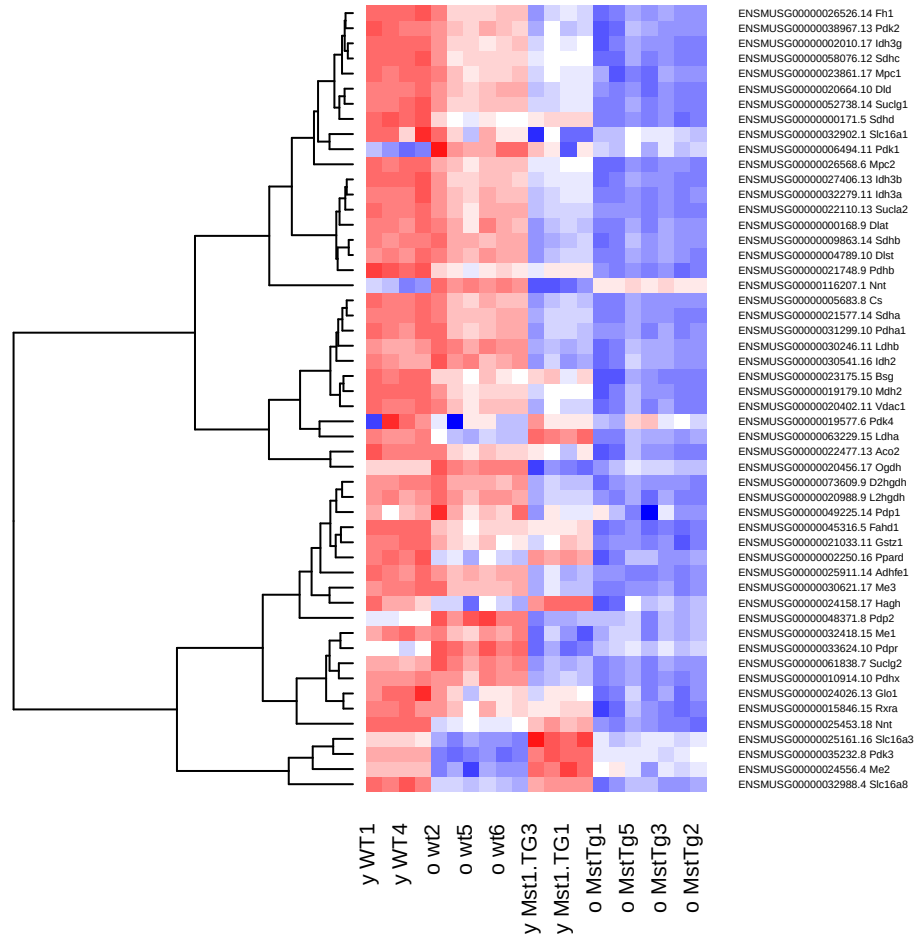
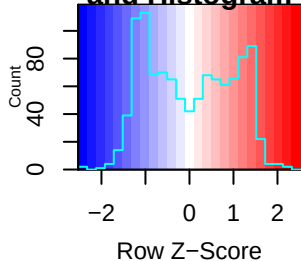
Oxygen-dependent proline-hydroxylation-of-Hypoxia-inducible-Factor-Alpha



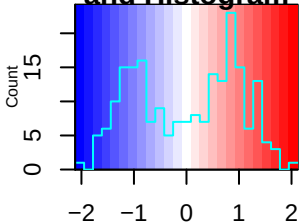
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Color Key

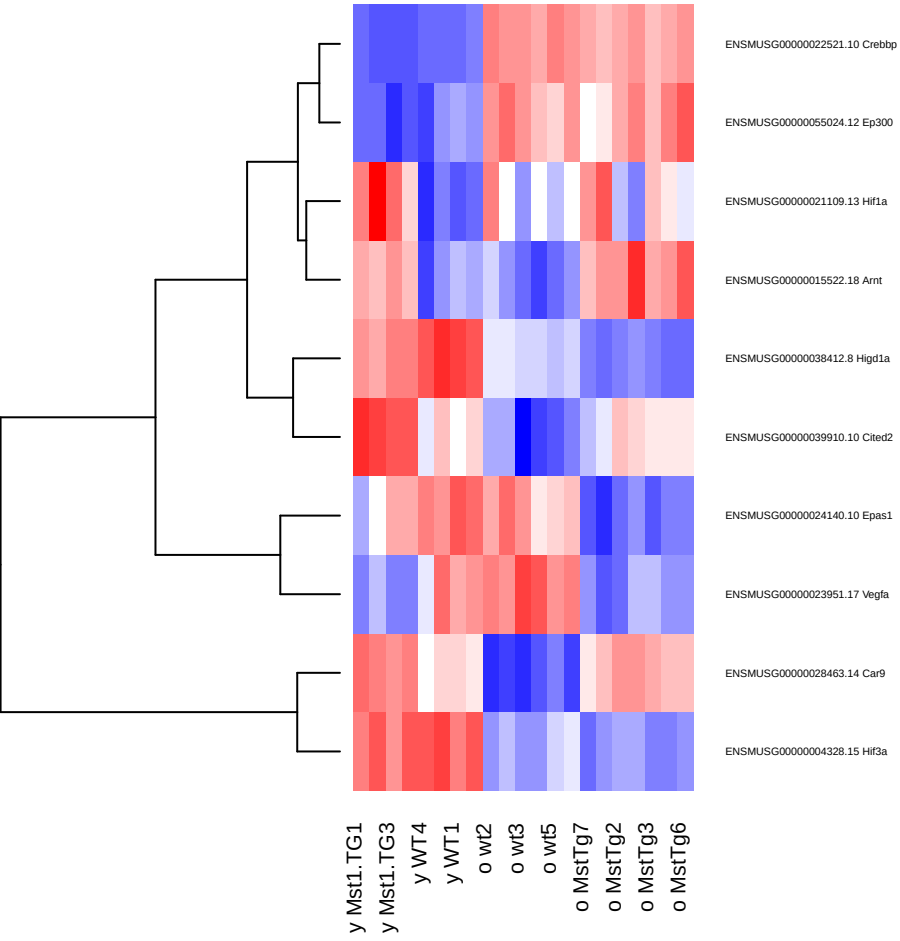
and Histogram



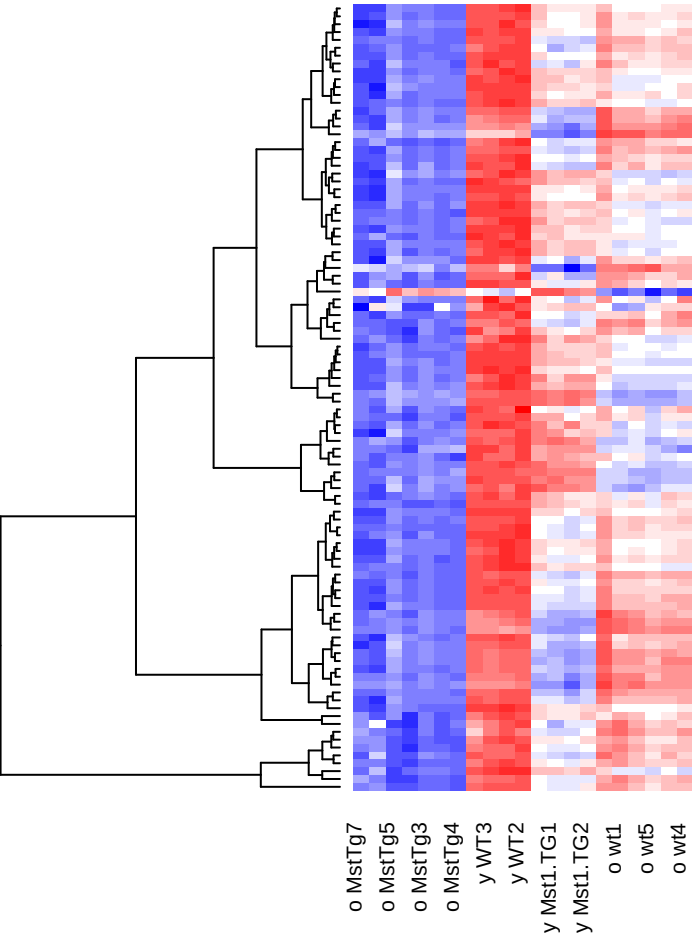
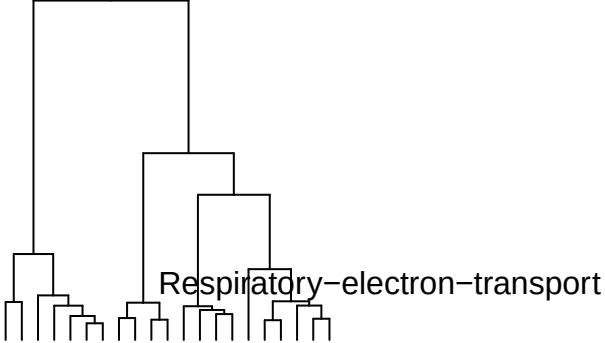
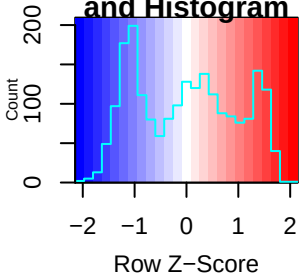
Color Key
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Regulation of gene expression by Hypoxia-inducible-Factor

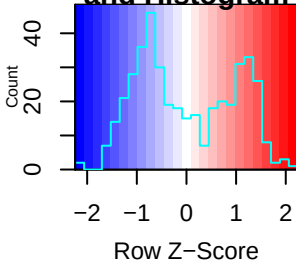


Color Key and Histogram

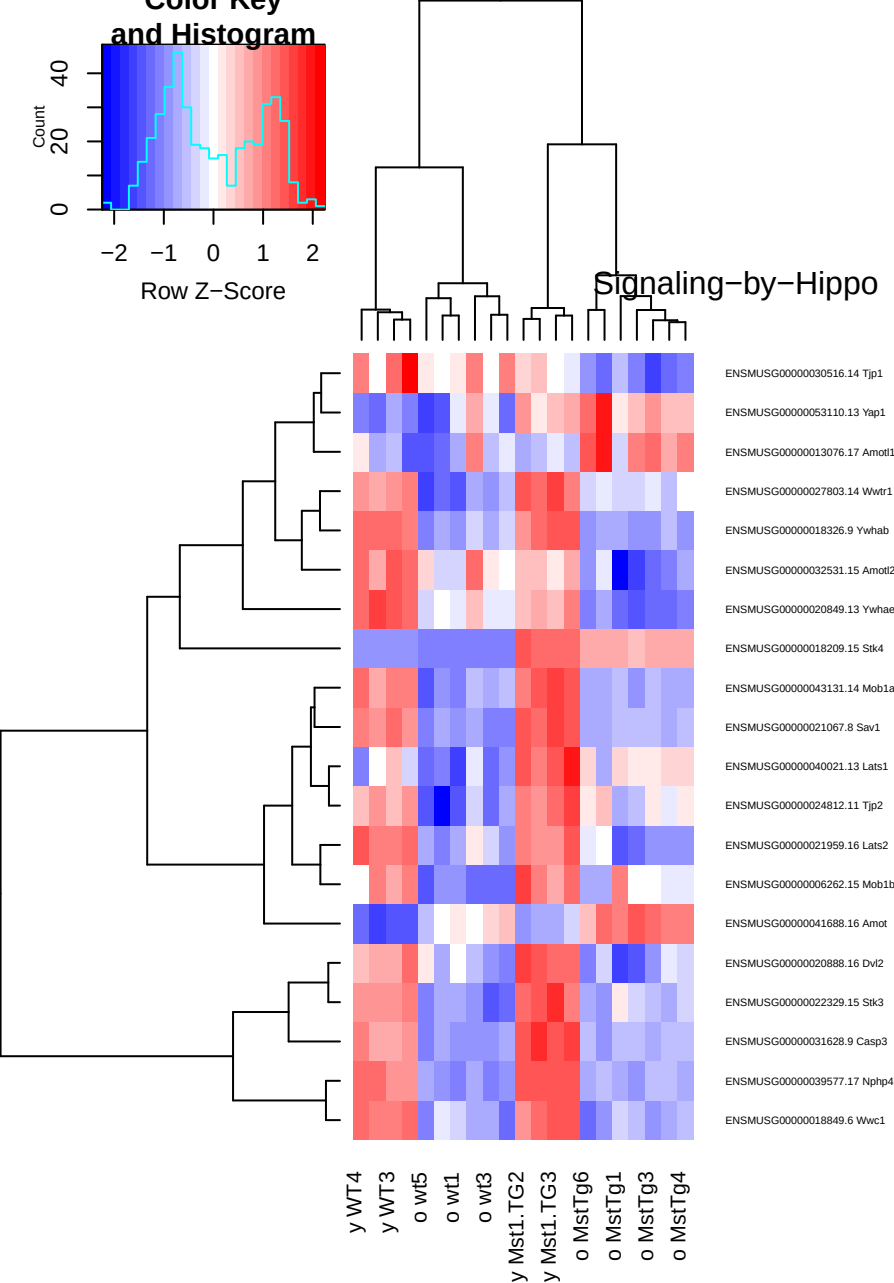


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Color Key and Histogram

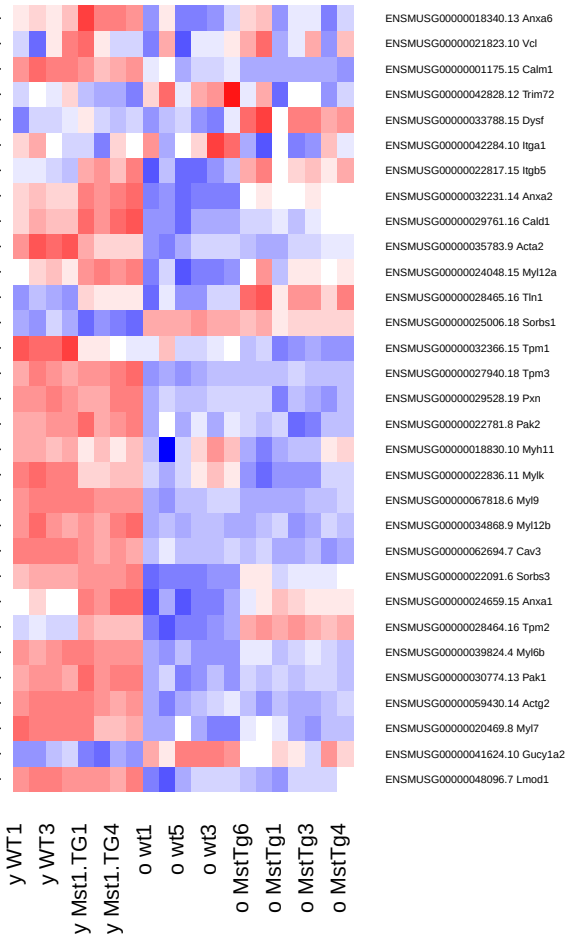
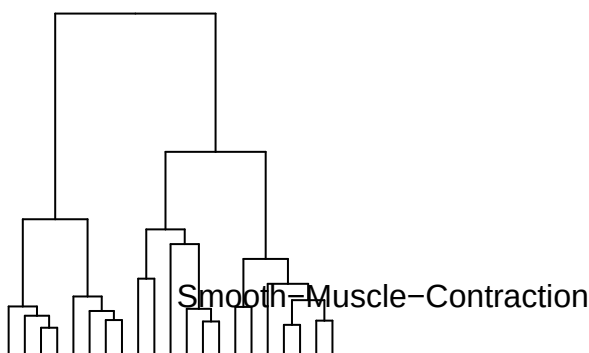
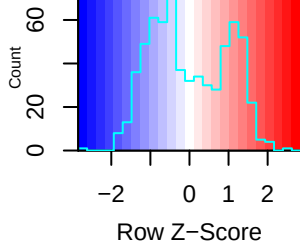


Signaling-by-Hippo

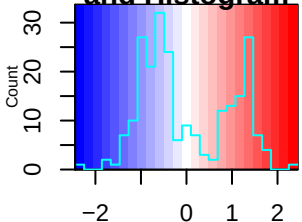


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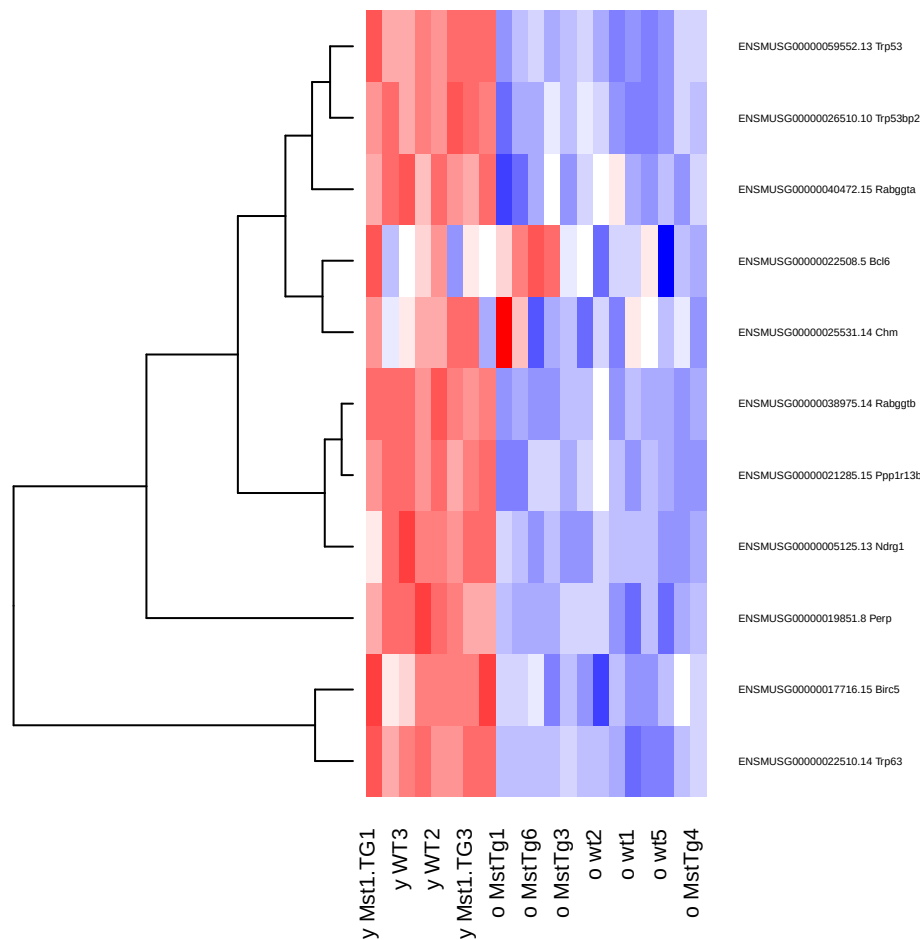
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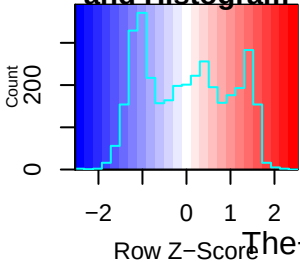
Color Key
and Histogram



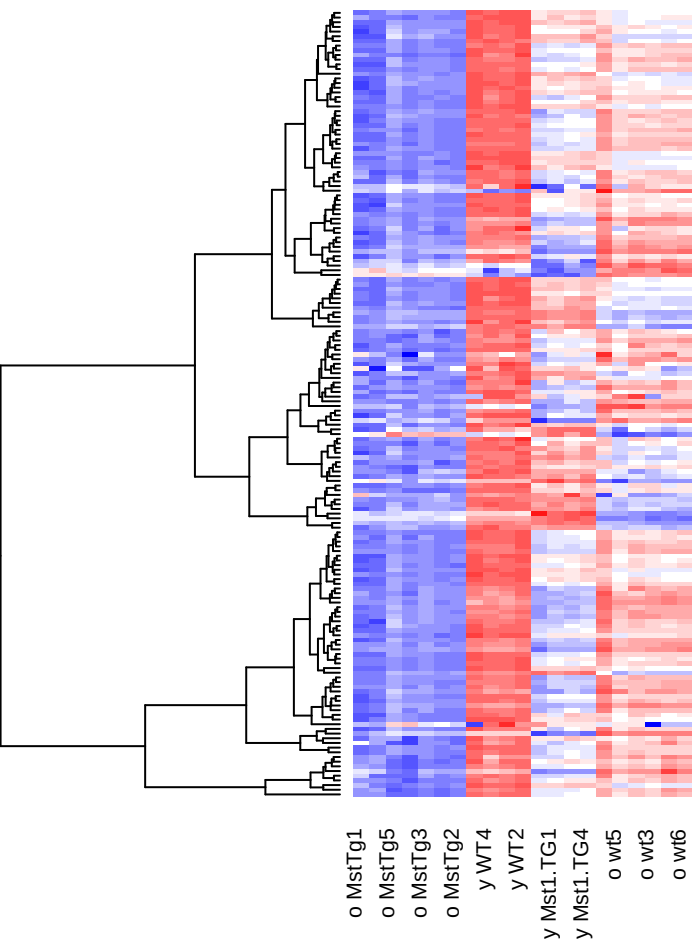
transcription of several additional cell death genes whose specific roles in p53-dependent



Color Key
and Histogram

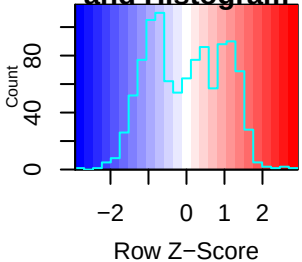


The citric acid (TCA) cycle and respiratory electron-transport

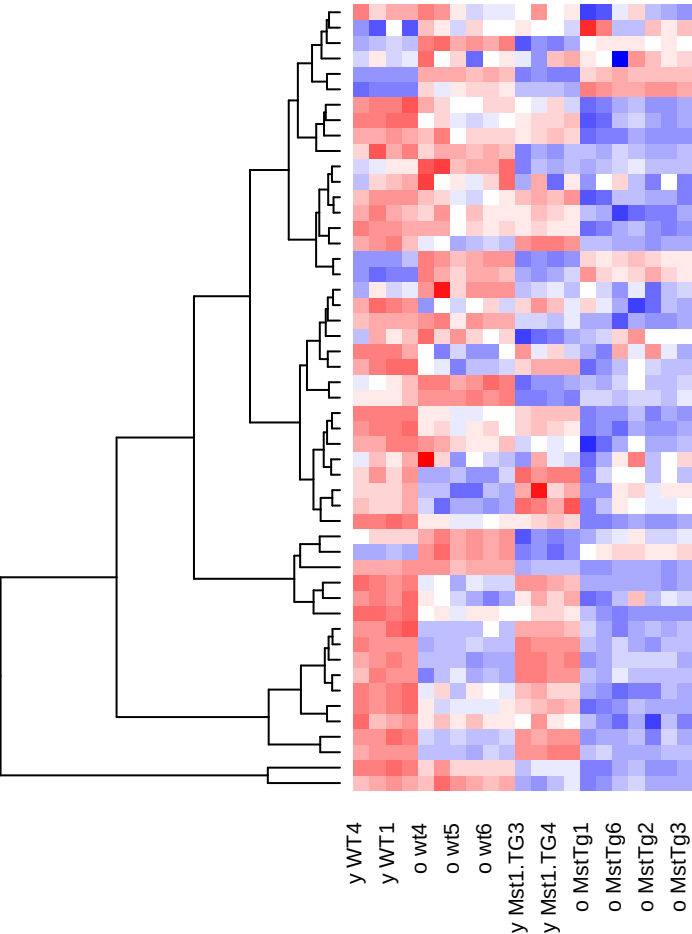


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Color Key
and Histogram



Transcriptional activation of mitochondrial biogenesis



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ENSMUSG000000027630.13 Tbl1x1
ENSMUSG000000027104.18 Atf2
ENSMUSG000000025958.14 Creb1
ENSMUSG000000026492.11 Tfb2m
ENSMUSG000000033871.14 Ppargc1b
ENSMUSG000000027580.17 Helz2
ENSMUSG000000028949.13 Smardc3
ENSMUSG000000022383.13 Ppara
ENSMUSG000000054021.6 Sirt5
ENSMUSG000000024454.16 Hdac3
ENSMUSG00000003923.14 Tfam
ENSMUSG000000020329.12 Polrmt
ENSMUSG000000027605.18 Acss2
ENSMUSG000000030527.15 Crtc3
ENSMUSG000000055491.14 Pprc1
ENSMUSG00000003575.13 Crtc1
ENSMUSG000000025486.17 Sirt3
ENSMUSG000000078486.3 Perm1
ENSMUSG000000018501.17 Ncor1
ENSMUSG000000006818.5 Sox2
ENSMUSG000000001175.15 Calm1
ENSMUSG000000001419.17 Mef2d
ENSMUSG000000063694.5 Cysc
ENSMUSG000000029911.14 Ssbp1
ENSMUSG000000027361.15 Gabpb1
ENSMUSG000000027936.18 Crtc2
ENSMUSG000000058440.14 Nr1
ENSMUSG000000028233.6 Tgs1
ENSMUSG000000029524.16 Sirt4
ENSMUSG000000036983.7 Tfb1m
ENSMUSG000000020718.12 Polg2
ENSMUSG000000040429.6 Mterf1a
ENSMUSG000000025393.12 Atg5b
ENSMUSG000000030541.16 Idd2

and Histogram

