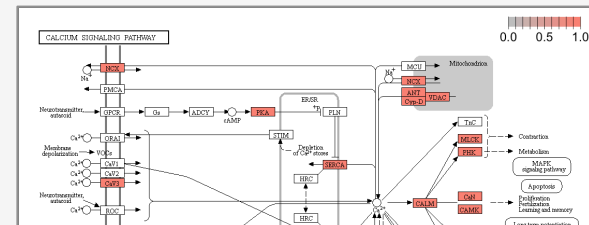


Biological process
of interest

Identify pathway
And extract genes
from KEGG
(R File)



| | | | | |
|------|----------|----------|-----------------|---|
| "20" | "K04718" | "K04718" | "c138724_g1_i1" | "SPHK; sphingosine kinase [EC:2.7.1.91]" |
| "21" | "K05861" | "NA" | NA | NA |
| "22" | "K10784" | "NA" | NA | NA |
| "23" | "K00907" | "K00907" | "c141946_g1_i1" | "MYLK; myosin-light-chain kinase [EC:2.7.11.18]" |
| "24" | "K05857" | "NA" | NA | NA |
| "25" | "K04958" | "NA" | NA | NA |
| "26" | "K00871" | "K00871" | "c140360_g4_i1" | "PHKG; phosphorylase kinase gamma subunit [EC:2.7.11.19]" |

Identify genes of interest and extract directly
from annotations
(Excel File)

| Callithron Contig | KO_Identifier | Name |
|-------------------|---------------|---|
| c100240_g1_i1 | K03145 | TFII5; transcription elongation factor 5-II |
| c100258_g1_i1 | K01802 | E5.2.1.8; peptidylprolyl isomerase [EC:5.2.1.8] |
| c100258_g1_i1 | K09568 | FKBP1; FK506-binding protein 1 [EC:5.2.1.8] |
| c100258_g1_i1 | K09571 | FKBP4_5; FK506-binding protein 4/5 [EC:5.2.1.8] |
| c100287_g1_i1 | K11447 | UTX, UTY; histone demethylase [EC:1.14.11.-] |
| c100426_g1_i1 | K14844 | PUF6; pumilio homology domain family member 6 |
| c100459_g1_i1 | K01465 | URA4, pyrC; dihydroorotase [EC:3.5.2.3] |