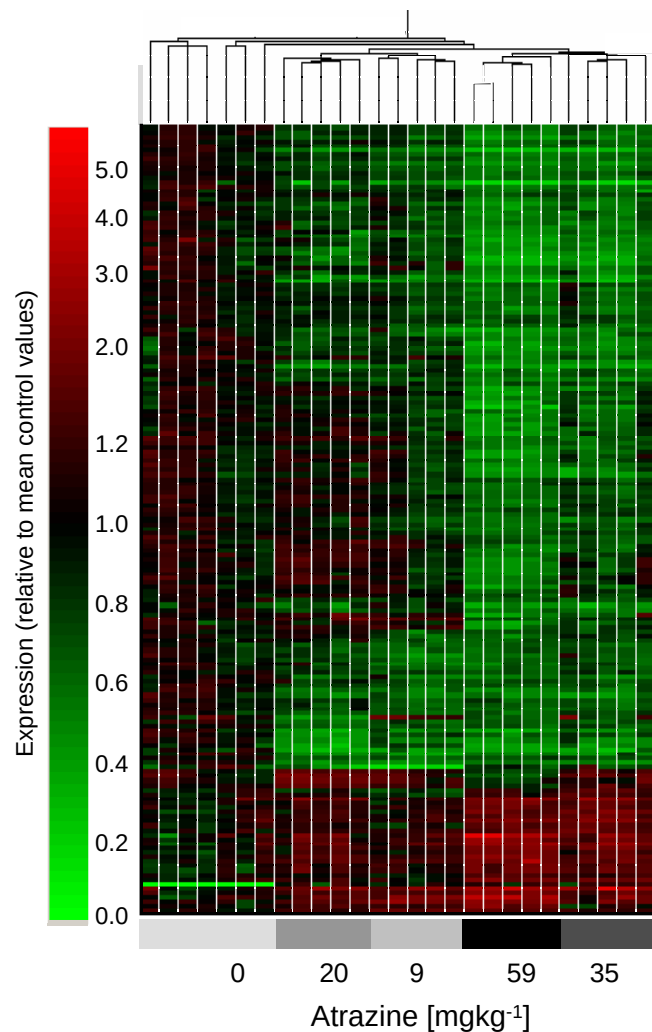
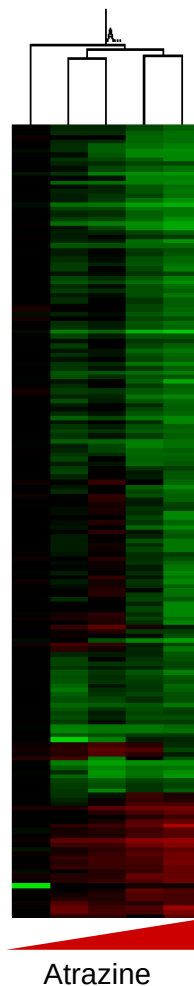


A.



B.



C.

Detoxification/Metabolism

Lr_LC1ED_41E05
Lr_Cd2CF_08H04

Microsomal glutathione S-transferase 3
 Cytochrome P450 2R1

DNA Damage / Cell Cycle

Lr_PAHCF_64D03
Lr_PAHCF_58F12
Lr_CHECF_57B11
Lr_Cd2CF_65C05

UV excision repair protein RAD23 homolog B
 Hus1+/-like protein (HUS1 checkpoint protein)
 DNA-directed RNA polymerase II largest subunit
 Ubiquitin and ribosomal protein S27a

Oxidative Phosphorylation

Lr_PAHCF_72E02
Lr_PAHCF_70G10
Lr_CHECF_50A05
Lr_CHECF_30D09
Lr_AT1CF_24F09
Lr_PAHCF_67B04
Lr_Cd2CF_05D11

Cytochrome C oxidase subunit VIa homolog
 NADH dehydrogenase 1 α subcomplex 9
 ATP synthase, H⁺ transporting, mito. F1 α
 Cytochrome C oxidase subunit VIa homolog
 ATP synthase B chain, mitochondrial
 Succinate dehydrogenase iron-sulfur protein
 Vacuolar ATP synthase subunit D

Protein Catabolism

Lr_AT1CF_23D02
Lr_Cu2CF_03B10
Lr_Cu2CF_38A02
Lr_JV2CF_27H10
Lr_PAHCF_01E07
Lr_Cd2CF_20A03
Lr_CHECF_14C07
Lr_Cu2CF_16F02
Lr_LC1ED_18C07

Zn-carboxypeptidase
 Aminopeptidase
 Serine proteinase
 Lumbrokinase-4 (Protease E)
 Lumbrokinase-5 (Serine Protease)
 ubiquitin-conjugating enzyme
 ubiquitin-conjugating enzyme
 Proteasome (PSMB2 protein)
 Cathepsin C

Protein Synthesis

Lr_PAHCF_66G07
Lr_CHECF_19C10
Lr_AT1CF_38F10
Lr_PAHCF_15H02
Lr_PAHCF_03G05
Lr_CHECF_82C07
Lr_AT1CF_25E10
Lr_LC1ED_13F09
Lr_Cd2CF_02F05
Lr_AT1CF_11B02

Ribosomal protein L5
 40S ribosomal protein S27
 40S ribosomal protein S12
 40S ribosomal protein S27
 Ribosomal protein L17
 40S ribosomal protein S5
 40S ribosomal protein S23
 Elongation factor-2
 Elongation factor 1- α 2
 Elongation factor 1- α 2

Atrazine