

Analysis of mitochondrial biogenesis genes in quadriceps muscle from the pups of the maternal particulate inhalation study

Erin Stephenson

February 9, 2016

This script uses the `Sheet1` from `MaternalParticulateMitoBiogen.xlsx` and is located in the `C:/Users/esteph16/Doc` directory. This analysis was most recently run on Tue Feb 09 16:58:48 2016.

Statistics

Session Information

- R version 3.1.1 (2014-07-10), x86_64-w64-mingw32
- Locale: LC_COLLATE=English_United_States.1252, LC_CTYPE=English_United_States.1252, LC_MONETARY=English_United_States.1252, LC_NUMERIC=C, LC_TIME=English_United_States.1252
- Base packages: base, datasets, graphics, grDevices, methods, stats, utils
- Other packages: car 2.0-25, plyr 1.8.3, rJava 0.9-7, xlsx 0.5.7, xlsxjars 0.6.1
- Loaded via a namespace (and not attached): grid 3.1.1, lattice 0.20-29, lme4 1.1-10, MASS 7.3-33, Matrix 1.2-3, MatrixModels 0.4-1, mgcv 1.8-0, minqa 1.2.4, nlme 3.1-117, nloptr 1.0.4, nnet 7.3-8, parallel 3.1.1, pbkrtest 0.4-4, quantreg 5.19, Rcpp 0.12.2, SparseM 1.7, splines 3.1.1, tools 3.1.1

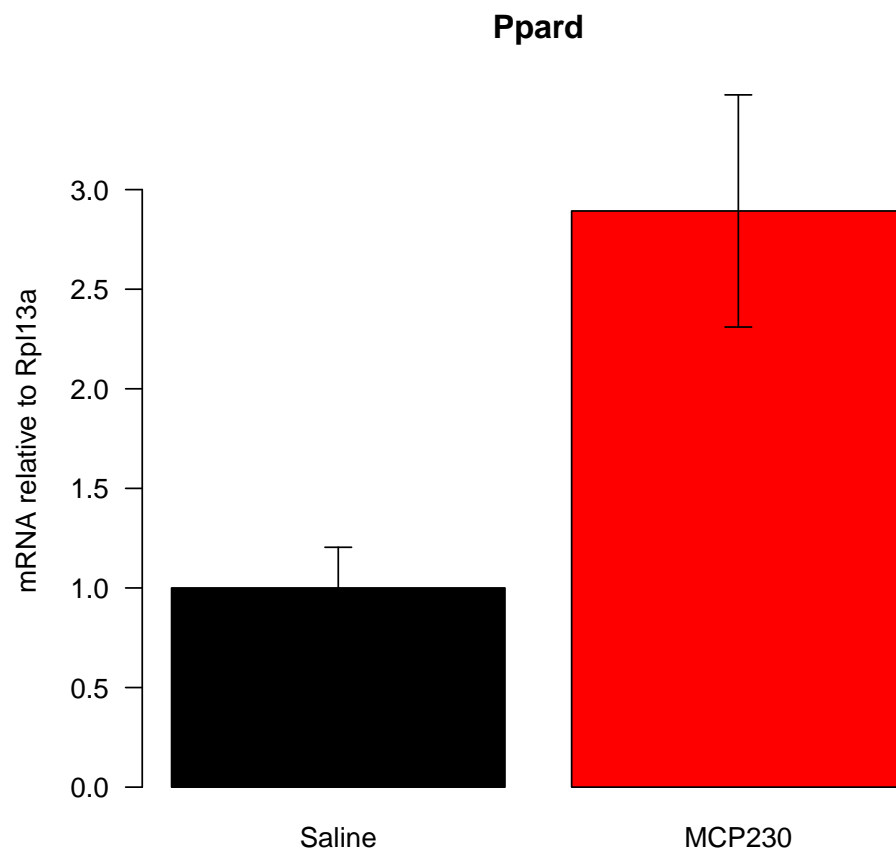


Figure 1: Barplot of Ppard mRNA

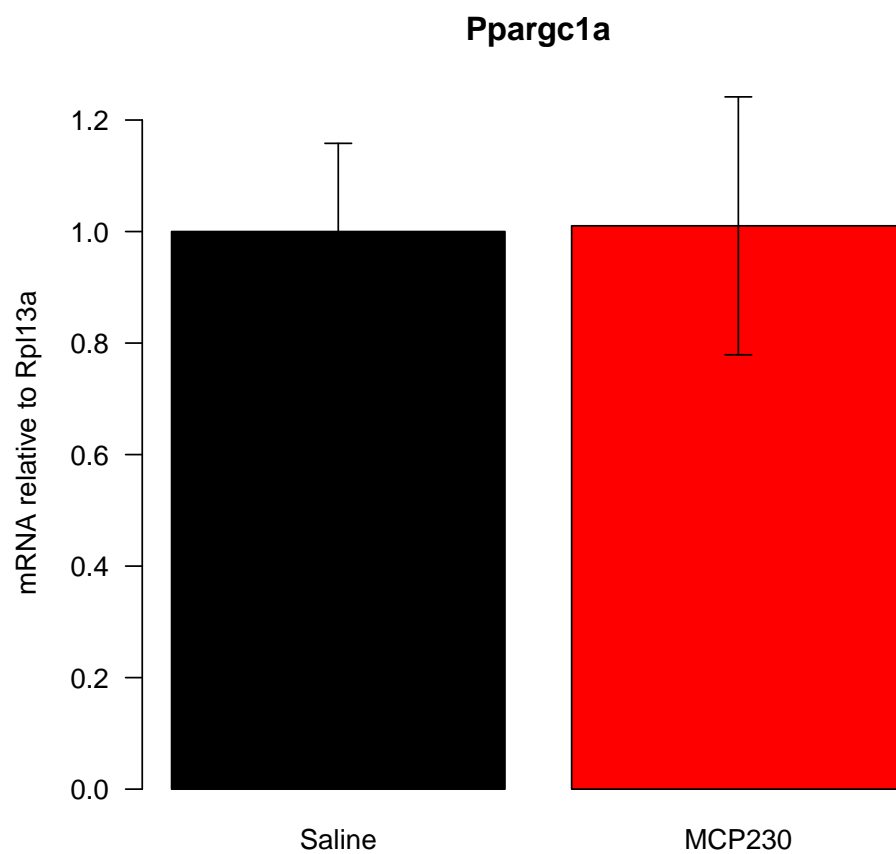


Figure 2: Barplot of Ppargc1a mRNA

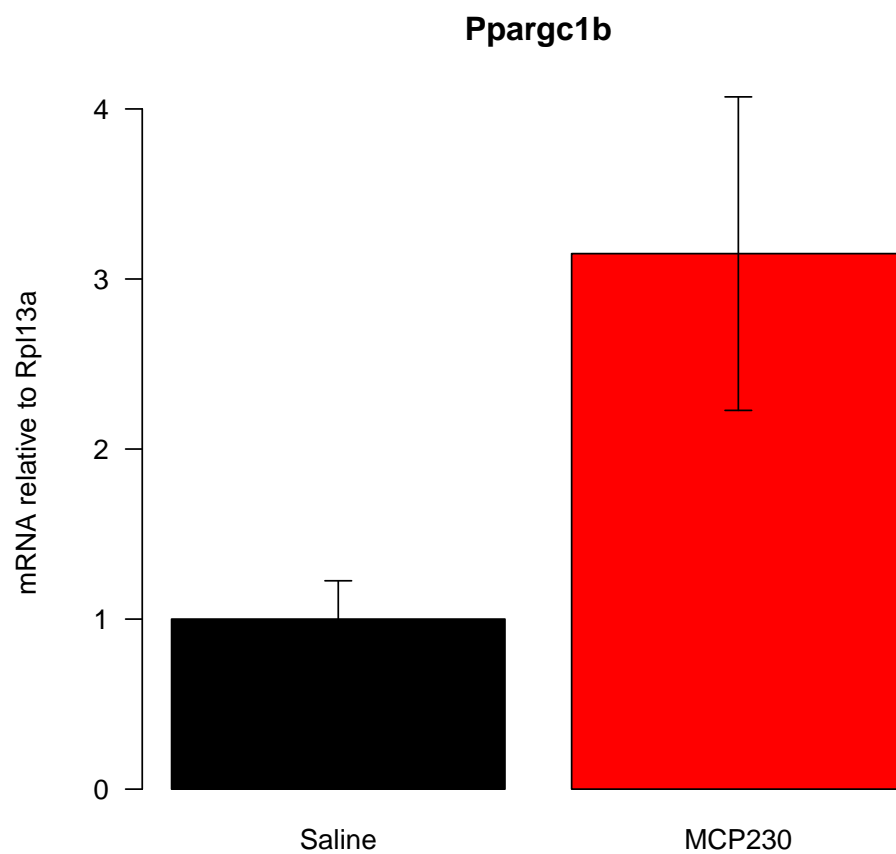


Figure 3: Barplot of Ppargc1b mRNA

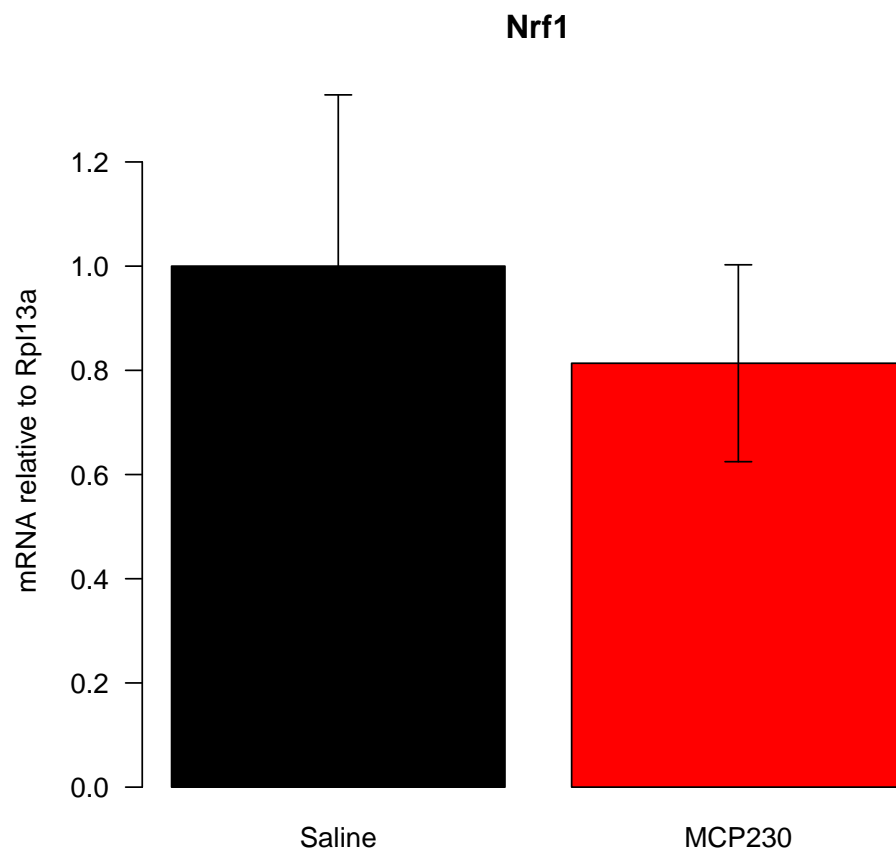


Figure 4: Barplot of Nrf1 mRNA

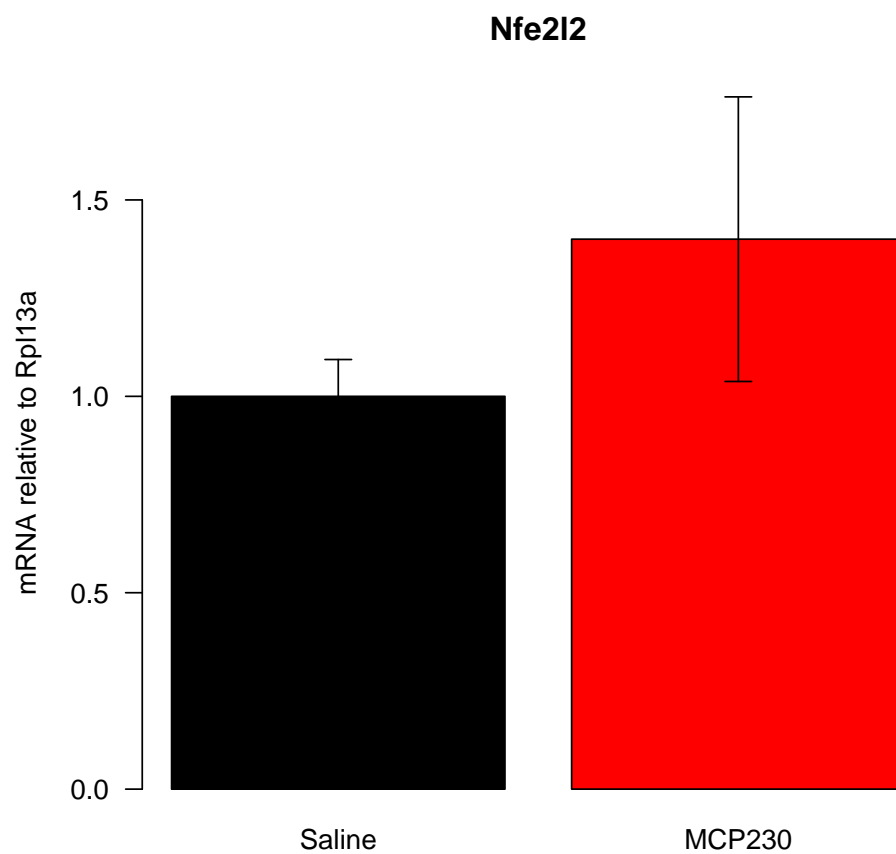


Figure 5: Barplot of Nfe2l2 mRNA

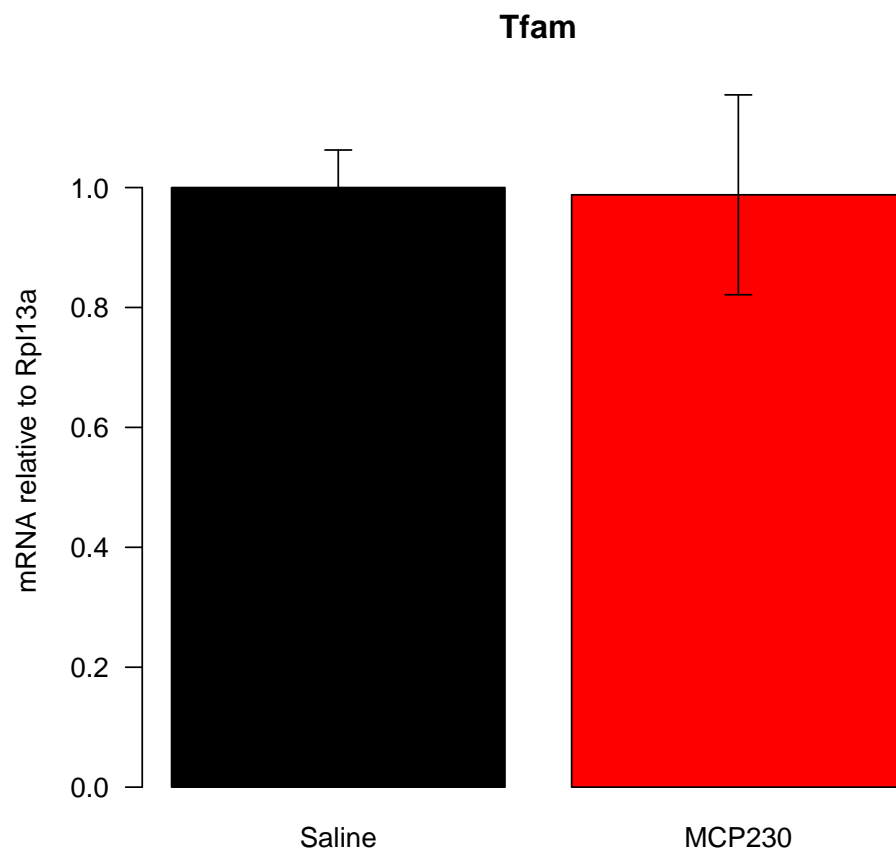


Figure 6: Barplot of Tfam mRNA

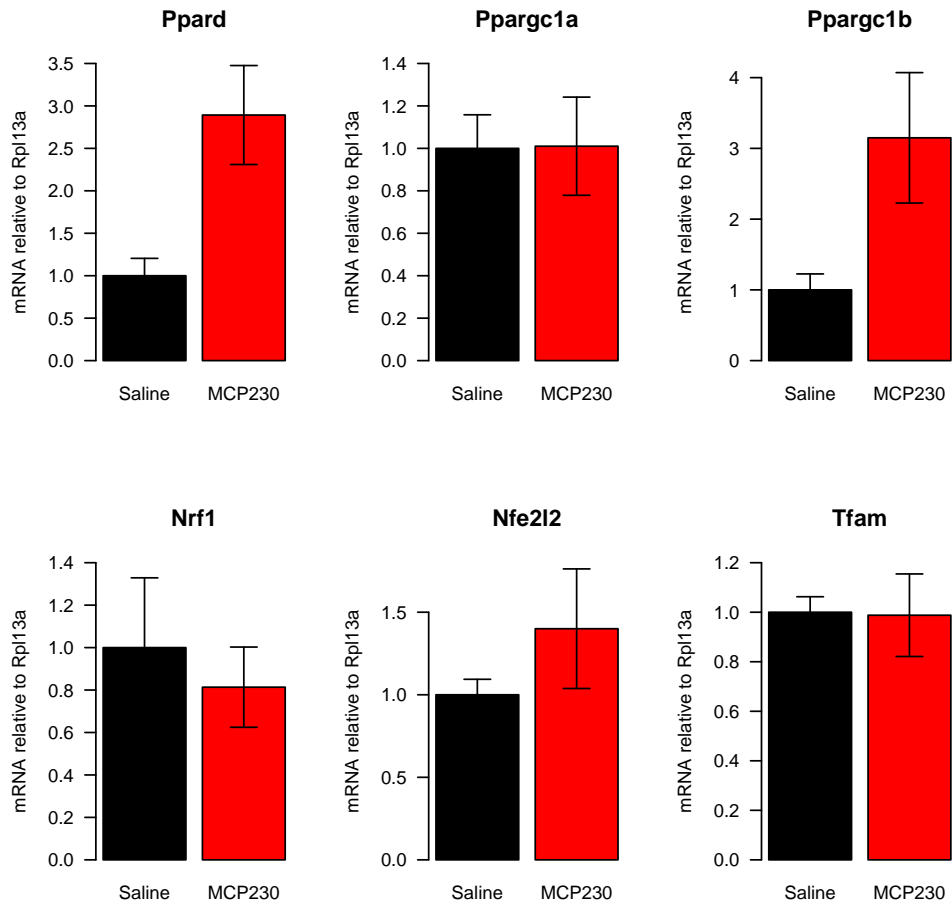


Figure 7: Barplot of the mitochondrial biogenesis genes