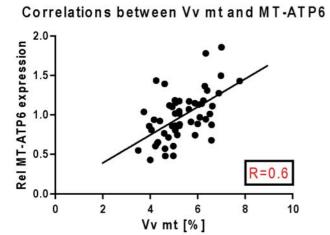
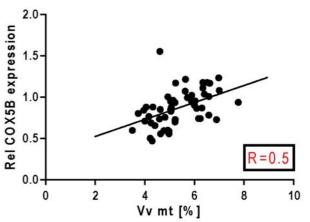
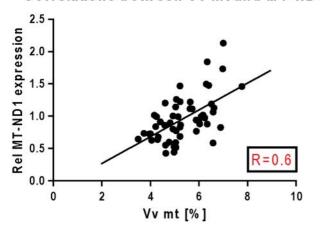
Supplementary figure 5



Correlations between Vv mt and COX5B



Correlations between Vv mt and MT-ND1



Correlations between Vv mt and ATP5B

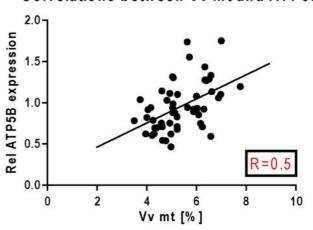


Figure 5 displays a highly significant (P<0.01) positive correlation between mitochon-drial volume density and expression of mitochondrially encoded ATP-6, ND1 and nuclear encoded COX5B and ATP5B. RET and EET subjects were pooled (n = 27, 54 datapoints). Respective Pearsons coefficients of correlation are indicated in the figures.

Supplementary figure 6

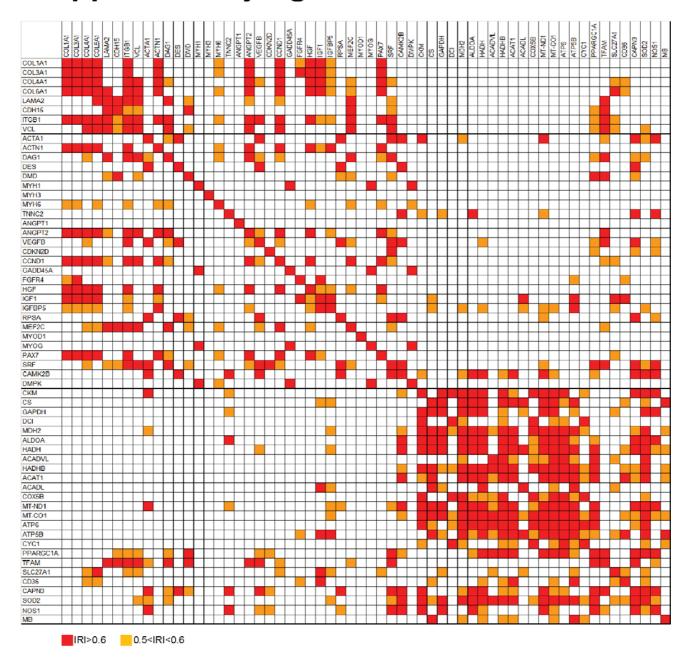
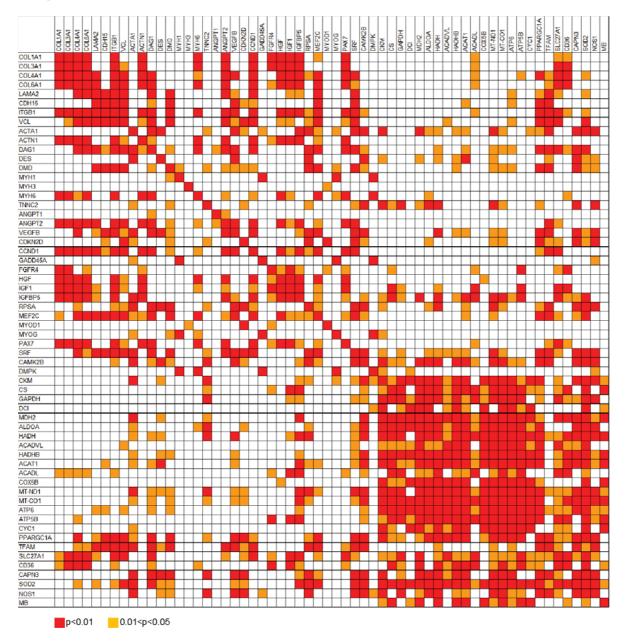


figure 6



Top panel: correlation matrix with gray coded coefficients of correlation. The grey value of each little square is an indication of the strength of the correlation between the two transcripts whose lines cross at that point. Only those genes that were significantly changed with training are displayed with the same grouping as in table 3.

Bottom panel: p-values of the respective correlations (see top panel). Grey and black marked spots represent significant (p < 0.05) correlations between the two transcripts whose lines cross at that point.