

Expanded View Figures

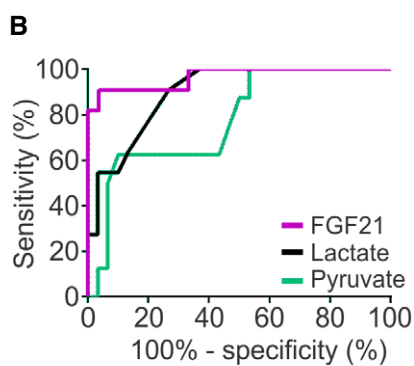
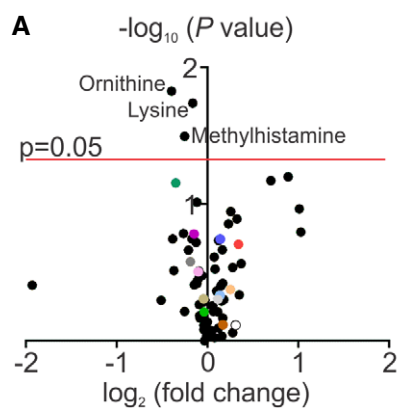


Figure EV1. Volcano plot of blood metabolites and ROC curves for reported / conventional blood biomarkers.

A Volcano plot of all the blood metabolites of male ($n = 14$) and female ($n = 16$) controls. Colours in the volcano plot indicate the same most relevant and/or significantly changed metabolites as in Figs 1 and 2.

B ROC curves for conventional biomarkers in blood of muscle-manifesting PEO and MELAS/MIDD patients ($n = 11$) compared to controls ($n = 30$).

Data information: AUC of FGF21 0.97 (95% CI: 0.91–1.03, $P < 0.0001$), lactate 0.897 (95% CI: 0.8–0.99, $P = 0.00012$) and pyruvate 0.78 (95% CI: 0.6–0.95, $P = 0.017$).