Differential fluxes of NAD(H)-dependent reactions FVA-sampling (Filtered) Aldh-III (MAR08503) [c] CG17896 (MAR03795) [m] CG17896 (MAR04282) [m] No gene (MAR04497) [m] Aldh; Aldh-III (MAR08357) [m] Aldh-III (MAR06760) [c] Dhfr (MAR04654) [c] CG6287 (MAR03839) [c] Dhfr (MAR04332) [c] Aldh-III (MAR01568) [c] Gapdh1; Gapdh2 (MAR04373) [c] CG5214; CG7430 (MAR05297) [m] **GS (MAR20017) [c]** Ldh (MAR04388) [c] Aldh-III (MAR04685) [m] Aldh-III (MAR02192) [m] sgl (MAR04122) [c] CG3999; CG6415 (MAR06409) [m] ras (MAR04040) [c] Nadsyn (MAR04261) [c] CG33156; CG8080 (MAR04269) [c] Echs1; Fatp1 (MAR06471) [m] No gene (MAR06470) [m] Coq6 (MAR02131) [c] CG31075 (MAR06652) [r] Echs1; Fatp1 (MAR06436) [m] Echs1; Fatp1 (MAR06472) [m] Cyp49a1 (MAR02767) [m] No gene (MAR00022) [c; m] Cyp49a1 (MAR02139) [c] CG8888 (MAR06633) [r] No gene (MAR08615) [m] No gene (MAR08613) [c] Cyp49a1 (MAR02140) [m] No gene (MAR06482) [m] Echs1; Fatp1 (MAR06484) [m] No gene (MAR06488) [m] Echs1; Fatp1 (MAR06473) [m] Echs1; Fatp1 (MAR06486) [m] CG8888 (MAR06644) [c] Echs1; Fatp1 (MAR06453) [m] Ldh (MAR05351) [c] No gene (MAR03053) [p] -log10(p_adj) Mcad (MAR00764) [m] Mdh1 (MAR04139) [c] Aldh; Aldh-III (MAR01134) [r] 15 Fdh (MAR01131) [r] 10 Mfe2 (MAR03328) [p] ACOX1; Mfe2 (MAR00975) [p] Aldh; Aldh-III (MAR04559) [c] Akr1B (MAR03854) [c] Fdh (MAR08507) [c] log10(|Flux diff.| + 1) Mcad (MAR00965) [m] CG7461; Echs1 (MAR03416) [m] No gene (MAR08442) [c] **2** Mdh2 (MAR04141) [m] Mcad (MAR00970) [m] CG7461; Echs1 (MAR03425) [m] CG7461; Echs1 (MAR03424) [m] ACOX1; Mfe2 (MAR00982) [p] ACOX1; Mfe2 (MAR01001) [p] CG7461; Echs1 (MAR03414) [m] Mcad (MAR00755) [m] Cyt-b5-r (MAR00151) [c] Mtpa; scu (MAR03236) [m] Echs1; Mcad (MAR05024) [m] Echs1; Mcad (MAR05095) [m] Mtpa; scu (MAR03262) [m] Mcad (MAR01009) [m] Cyt-b5-r (MAR02505) [c] ACOX1; Mfe2 (MAR00974) [p] Mcad (MAR00923) [m] Cyt-b5-r (MAR00149) [c] Mcad (MAR00869) [m] Mcad (MAR00776) [m] Mcad (MAR00757) [m] Men; Men-b (MAR04087) [m] ACOX1; Mfe2 (MAR01005) [p] No gene (MAR03396) [m] CG7461; Echs1 (MAR03432) [m] Mtpa; scu (MAR03246) [m] Mtpa; scu (MAR03242) [m] Cyt-b5-r (MAR00150) [c] Aldh-III (MAR04683) [c] Aldh; Aldh-III (MAR08506) [m] Cyt-b5-r (MAR00152) [c] Mcad (MAR00818) [m] Desat1 (MAR00144) [c] CG5946 (MAR03992) [c] No gene (MAR06782) [c] Mcad (MAR00772) [m] Cyt-b5-r (MAR00181) [c] CG8665 (MAR08758) [c] Desat1 (MAR00146) [c] CG8888 (MAR04461) [m] CG5955 (MAR20001) [m]

2.5

 $\log_2(\overline{X}_{HSD}/\overline{X}_{NSD})$

CG7430; Pdha (MAR04137) [m] CG7461; Echs1 (MAR03430) [m]

-2.5