fatty acid beta-oxidation FC > 1.5, old/young male female age genotype feed sex slc25a17 (2 of 2) tysnd1 ehhadh pex2 ppara (2 of 2) echdc1 acat2 bdh2 (1 of 2) slc27a2 (3 of 3) irs2 (1 of 2) lonp2 decr2 (2 of 2) ppara (1 of 2) ppard increase with age age slc27a2 (1 of 3) irs2 (2 of 2) o/y cpt2 2 irs1 (1 of 4) genotype 0 eci2 WT acaa2 scp2 (1 of 2) Het acadl abcd2 feed acads (1 of 2) full eci1 hadhb fasted acox1 mlycd sex ech1 male acadm female hadh crot etfdh mfsd2a (1 of 2) acacb acad11 (2 of 4) cpt1a (3 of 3) etfa acads (2 of 2) slc27a2 (2 of 3) acadvl cpt1a (2 of 3) cpt1b hadha crat (1 of 3)