

## Appendix 1

### *93 fatty acid metabolism-related genes in our study*

*ABCD1, ABCD2, ACAA2, ACAD9, ACADL, ACADM, ACADS, ACADVL, ACAT1, ACSL1, ACSL3, ACSL4, ACSL5, ACSL6, ACSM1, ACSM2A, ACSM2B, ACSM3, ACSM4, ACSS1, ACSS2, ACSS3, CPT1A, CPT1B, CPT2, CRAT, CROT, ECHS1, ETFA, ETFB, ETFDH, HADH, HADHA, HADHB, HSD17B10, PEX11G, PEX13, PEX14, SLC25A20, ACAT2, ACAA1, EHHADH, ACOX3, ACOX1, ACADSB, GCDH, ACSBG1, ACSBG2, CPT1C, ECI1, ECI2, CYP4A11, CYP4A22, ADH1A, ADH1B, ADH1C, ADH7, ADH4, ADH5, ADH6, ALDH2, ALDH3A2, ALDH1B1, ALDH7A1, ALDH9A1, ACACA, ACACB, ACLY, FASN, MCAT, OLAH, OXSM, MECR, PPT1, PPT2, ELOVL1, ELOVL2, ELOVL3, ELOVL4, ELOVL5, ELOVL6, ELOVL7, HSD17B12, HACD2, HACD1, HACD4, HACD3, TECR, ACOT4, ACOT2, ACOT1, ACOT7, AKR1B1.*