**Table S1. The gene list of fatty acid metabolism related genes**

|  |  |
| --- | --- |
| **Source** | **SYMBOL** |
| HALLMARK\_FATTY\_ACID\_METABOLISM | AADAT |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ACAA1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ACAA2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ACADL |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ACADM |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ACADS |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ACADVL |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ACAT2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ACO2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ACOT2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ACOT8 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ACOX1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ACSL1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ACSL4 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ACSL5 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ACSM3 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ACSS1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ADH1C |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ADH7 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ADIPOR2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ADSL |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ALAD |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ALDH1A1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ALDH3A1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ALDH3A2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ALDH9A1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ALDOA |
| HALLMARK\_FATTY\_ACID\_METABOLISM | AOC3 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | APEX1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | AQP7 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | AUH |
| HALLMARK\_FATTY\_ACID\_METABOLISM | BCKDHB |
| HALLMARK\_FATTY\_ACID\_METABOLISM | BLVRA |
| HALLMARK\_FATTY\_ACID\_METABOLISM | BMPR1B |
| HALLMARK\_FATTY\_ACID\_METABOLISM | BPHL |
| HALLMARK\_FATTY\_ACID\_METABOLISM | CA2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | CA4 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | CA6 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | CBR1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | CBR3 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | MIX23 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | CD1D |
| HALLMARK\_FATTY\_ACID\_METABOLISM | CD36 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | CEL |
| HALLMARK\_FATTY\_ACID\_METABOLISM | CIDEA |
| HALLMARK\_FATTY\_ACID\_METABOLISM | CPOX |
| HALLMARK\_FATTY\_ACID\_METABOLISM | CPT1A |
| HALLMARK\_FATTY\_ACID\_METABOLISM | CPT2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | CRAT |
| HALLMARK\_FATTY\_ACID\_METABOLISM | CRYZ |
| HALLMARK\_FATTY\_ACID\_METABOLISM | CYP1A1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | CYP4A11 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | CYP4A22 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | D2HGDH |
| HALLMARK\_FATTY\_ACID\_METABOLISM | DECR1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | DHCR24 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | DLD |
| HALLMARK\_FATTY\_ACID\_METABOLISM | DLST |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ECH1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ECHS1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ECI1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ECI2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | EHHADH |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ELOVL5 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ENO2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ENO3 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | EPHX1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ERP29 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ETFDH |
| HALLMARK\_FATTY\_ACID\_METABOLISM | FABP1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | FABP2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | FASN |
| HALLMARK\_FATTY\_ACID\_METABOLISM | FH |
| HALLMARK\_FATTY\_ACID\_METABOLISM | FMO1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | G0S2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | GABARAPL1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | GAD2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | GAPDHS |
| HALLMARK\_FATTY\_ACID\_METABOLISM | GCDH |
| HALLMARK\_FATTY\_ACID\_METABOLISM | GLUL |
| HALLMARK\_FATTY\_ACID\_METABOLISM | GPD1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | GPD2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | GRHPR |
| HALLMARK\_FATTY\_ACID\_METABOLISM | GSTZ1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | H2AZ1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | HADH |
| HALLMARK\_FATTY\_ACID\_METABOLISM | HADHB |
| HALLMARK\_FATTY\_ACID\_METABOLISM | HAO2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | HCCS |
| HALLMARK\_FATTY\_ACID\_METABOLISM | HIBCH |
| HALLMARK\_FATTY\_ACID\_METABOLISM | HMGCL |
| HALLMARK\_FATTY\_ACID\_METABOLISM | HMGCS1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | HMGCS2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | HPGD |
| HALLMARK\_FATTY\_ACID\_METABOLISM | HSD17B10 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | HSD17B11 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | HSD17B4 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | HSD17B7 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | HSDL2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | HSP90AA1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | HSPH1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | IDH1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | IDH3B |
| HALLMARK\_FATTY\_ACID\_METABOLISM | IDH3G |
| HALLMARK\_FATTY\_ACID\_METABOLISM | IDI1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | IL4I1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | INMT |
| HALLMARK\_FATTY\_ACID\_METABOLISM | LDHA |
| HALLMARK\_FATTY\_ACID\_METABOLISM | LGALS1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | LTC4S |
| HALLMARK\_FATTY\_ACID\_METABOLISM | MAOA |
| HALLMARK\_FATTY\_ACID\_METABOLISM | MCEE |
| HALLMARK\_FATTY\_ACID\_METABOLISM | MDH1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | MDH2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ME1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | METAP1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | MGLL |
| HALLMARK\_FATTY\_ACID\_METABOLISM | MIF |
| HALLMARK\_FATTY\_ACID\_METABOLISM | MLYCD |
| HALLMARK\_FATTY\_ACID\_METABOLISM | NBN |
| HALLMARK\_FATTY\_ACID\_METABOLISM | NCAPH2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | NSDHL |
| HALLMARK\_FATTY\_ACID\_METABOLISM | NTHL1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | ODC1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | OSTC |
| HALLMARK\_FATTY\_ACID\_METABOLISM | PCBD1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | PDHA1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | PDHB |
| HALLMARK\_FATTY\_ACID\_METABOLISM | PPARA |
| HALLMARK\_FATTY\_ACID\_METABOLISM | PRDX6 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | PSME1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | PTPRG |
| HALLMARK\_FATTY\_ACID\_METABOLISM | PTS |
| HALLMARK\_FATTY\_ACID\_METABOLISM | RAP1GDS1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | RDH11 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | RDH16 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | REEP6 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | RETSAT |
| HALLMARK\_FATTY\_ACID\_METABOLISM | S100A10 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | SDHA |
| HALLMARK\_FATTY\_ACID\_METABOLISM | SDHC |
| HALLMARK\_FATTY\_ACID\_METABOLISM | SDHD |
| HALLMARK\_FATTY\_ACID\_METABOLISM | SERINC1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | KMT5A |
| HALLMARK\_FATTY\_ACID\_METABOLISM | SLC22A5 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | SMS |
| HALLMARK\_FATTY\_ACID\_METABOLISM | SUCLA2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | SUCLG1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | SUCLG2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | TDO2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | TP53INP2 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | UBE2L6 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | UGDH |
| HALLMARK\_FATTY\_ACID\_METABOLISM | UROD |
| HALLMARK\_FATTY\_ACID\_METABOLISM | UROS |
| HALLMARK\_FATTY\_ACID\_METABOLISM | VNN1 |
| HALLMARK\_FATTY\_ACID\_METABOLISM | XIST |
| HALLMARK\_FATTY\_ACID\_METABOLISM | YWHAH |
| KEGG\_FATTY\_ACID\_METABOLISM | ACAA2 |
| KEGG\_FATTY\_ACID\_METABOLISM | ECI2 |
| KEGG\_FATTY\_ACID\_METABOLISM | ADH1A |
| KEGG\_FATTY\_ACID\_METABOLISM | ADH1B |
| KEGG\_FATTY\_ACID\_METABOLISM | ADH1C |
| KEGG\_FATTY\_ACID\_METABOLISM | CPT1C |
| KEGG\_FATTY\_ACID\_METABOLISM | ADH4 |
| KEGG\_FATTY\_ACID\_METABOLISM | ADH5 |
| KEGG\_FATTY\_ACID\_METABOLISM | ADH6 |
| KEGG\_FATTY\_ACID\_METABOLISM | ADH7 |
| KEGG\_FATTY\_ACID\_METABOLISM | CPT1A |
| KEGG\_FATTY\_ACID\_METABOLISM | CPT1B |
| KEGG\_FATTY\_ACID\_METABOLISM | CPT2 |
| KEGG\_FATTY\_ACID\_METABOLISM | CYP4A11 |
| KEGG\_FATTY\_ACID\_METABOLISM | ECI1 |
| KEGG\_FATTY\_ACID\_METABOLISM | ECHS1 |
| KEGG\_FATTY\_ACID\_METABOLISM | EHHADH |
| KEGG\_FATTY\_ACID\_METABOLISM | ALDH2 |
| KEGG\_FATTY\_ACID\_METABOLISM | ACSL1 |
| KEGG\_FATTY\_ACID\_METABOLISM | ACSL3 |
| KEGG\_FATTY\_ACID\_METABOLISM | ACSL4 |
| KEGG\_FATTY\_ACID\_METABOLISM | ALDH1B1 |
| KEGG\_FATTY\_ACID\_METABOLISM | ALDH9A1 |
| KEGG\_FATTY\_ACID\_METABOLISM | ALDH3A2 |
| KEGG\_FATTY\_ACID\_METABOLISM | ACSL6 |
| KEGG\_FATTY\_ACID\_METABOLISM | GCDH |
| KEGG\_FATTY\_ACID\_METABOLISM | CYP4A22 |
| KEGG\_FATTY\_ACID\_METABOLISM | ACAA1 |
| KEGG\_FATTY\_ACID\_METABOLISM | HADHA |
| KEGG\_FATTY\_ACID\_METABOLISM | HADHB |
| KEGG\_FATTY\_ACID\_METABOLISM | HADH |
| KEGG\_FATTY\_ACID\_METABOLISM | ACADL |
| KEGG\_FATTY\_ACID\_METABOLISM | ACADM |
| KEGG\_FATTY\_ACID\_METABOLISM | ACADS |
| KEGG\_FATTY\_ACID\_METABOLISM | ACADSB |
| KEGG\_FATTY\_ACID\_METABOLISM | ACADVL |
| KEGG\_FATTY\_ACID\_METABOLISM | ACAT1 |
| KEGG\_FATTY\_ACID\_METABOLISM | ACAT2 |
| KEGG\_FATTY\_ACID\_METABOLISM | ALDH7A1 |
| KEGG\_FATTY\_ACID\_METABOLISM | ACOX1 |
| KEGG\_FATTY\_ACID\_METABOLISM | ACSL5 |
| KEGG\_FATTY\_ACID\_METABOLISM | ACOX3 |
| REACTOME\_BETA\_OXIDATION\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACIDS | ACAA1 |
| REACTOME\_BETA\_OXIDATION\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACIDS | ACOT8 |
| REACTOME\_BETA\_OXIDATION\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACIDS | ABCD1 |
| REACTOME\_BETA\_OXIDATION\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACIDS | MLYCD |
| REACTOME\_BETA\_OXIDATION\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACIDS | EHHADH |
| REACTOME\_BETA\_OXIDATION\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACIDS | HSD17B4 |
| REACTOME\_BETA\_OXIDATION\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACIDS | ACOX1 |
| REACTOME\_BETA\_OXIDATION\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACIDS | ACOT4 |
| REACTOME\_BETA\_OXIDATION\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACIDS | ECI2 |
| REACTOME\_BETA\_OXIDATION\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACIDS | ACOT6 |
| REACTOME\_BETA\_OXIDATION\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACIDS | DECR2 |
| REACTOME\_BETA\_OXIDATION\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACIDS | DECR2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | NDUFAB1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACSM3 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PON1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | CROT |
| REACTOME\_FATTY\_ACID\_METABOLISM | ELOVL5 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ALOX5 |
| REACTOME\_FATTY\_ACID\_METABOLISM | DPEP1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | TBXAS1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACAA1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ELOVL1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACSL4 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ALDH3A2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACADVL |
| REACTOME\_FATTY\_ACID\_METABOLISM | PTGS2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | HACD3 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACACB |
| REACTOME\_FATTY\_ACID\_METABOLISM | HADHA |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACOX3 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PTGS1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | CRAT |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACOT7 |
| REACTOME\_FATTY\_ACID\_METABOLISM | SCD |
| REACTOME\_FATTY\_ACID\_METABOLISM | TECR |
| REACTOME\_FATTY\_ACID\_METABOLISM | GGT5 |
| REACTOME\_FATTY\_ACID\_METABOLISM | GGT1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | MCAT |
| REACTOME\_FATTY\_ACID\_METABOLISM | SLC25A17 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACOT8 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ABCD1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | MLYCD |
| REACTOME\_FATTY\_ACID\_METABOLISM | ABCC1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACSBG1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | DECR1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PON3 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PON2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PRKAG2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PTGR1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PTGDS |
| REACTOME\_FATTY\_ACID\_METABOLISM | PHYH |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACBD5 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ALOX12 |
| REACTOME\_FATTY\_ACID\_METABOLISM | CPT1A |
| REACTOME\_FATTY\_ACID\_METABOLISM | PTGES3 |
| REACTOME\_FATTY\_ACID\_METABOLISM | LTA4H |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACAD10 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PPARD |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACOT13 |
| REACTOME\_FATTY\_ACID\_METABOLISM | HSD17B8 |
| REACTOME\_FATTY\_ACID\_METABOLISM | EHHADH |
| REACTOME\_FATTY\_ACID\_METABOLISM | PCCB |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACADL |
| REACTOME\_FATTY\_ACID\_METABOLISM | PECR |
| REACTOME\_FATTY\_ACID\_METABOLISM | SCP2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | MECR |
| REACTOME\_FATTY\_ACID\_METABOLISM | PLA2G4A |
| REACTOME\_FATTY\_ACID\_METABOLISM | HAO2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACADM |
| REACTOME\_FATTY\_ACID\_METABOLISM | FAAH |
| REACTOME\_FATTY\_ACID\_METABOLISM | ELOVL4 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACOT2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ELOVL3 |
| REACTOME\_FATTY\_ACID\_METABOLISM | EPHX2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACADS |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACOT9 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACSL3 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PTGIS |
| REACTOME\_FATTY\_ACID\_METABOLISM | MCEE |
| REACTOME\_FATTY\_ACID\_METABOLISM | ECHS1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACSBG2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | HSD17B3 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PPT1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | HACL1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACLY |
| REACTOME\_FATTY\_ACID\_METABOLISM | PRKAB2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ALOX5AP |
| REACTOME\_FATTY\_ACID\_METABOLISM | MORC2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | HSD17B4 |
| REACTOME\_FATTY\_ACID\_METABOLISM | CYP2J2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | FADS2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | HADHB |
| REACTOME\_FATTY\_ACID\_METABOLISM | CYP1B1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | CYP2C9 |
| REACTOME\_FATTY\_ACID\_METABOLISM | CYP2C8 |
| REACTOME\_FATTY\_ACID\_METABOLISM | HADH |
| REACTOME\_FATTY\_ACID\_METABOLISM | PTGR2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | SLC27A2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | CYP1A1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | CYP1A2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | NUDT7 |
| REACTOME\_FATTY\_ACID\_METABOLISM | DPEP3 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PCTP |
| REACTOME\_FATTY\_ACID\_METABOLISM | CYP4B1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | SLC27A3 |
| REACTOME\_FATTY\_ACID\_METABOLISM | SCD5 |
| REACTOME\_FATTY\_ACID\_METABOLISM | CBR4 |
| REACTOME\_FATTY\_ACID\_METABOLISM | MMUT |
| REACTOME\_FATTY\_ACID\_METABOLISM | PTGES2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PTGES |
| REACTOME\_FATTY\_ACID\_METABOLISM | HSD17B12 |
| REACTOME\_FATTY\_ACID\_METABOLISM | FADS1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | THRSP |
| REACTOME\_FATTY\_ACID\_METABOLISM | MMAA |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACSL1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | OLAH |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACOXL |
| REACTOME\_FATTY\_ACID\_METABOLISM | CYP2U1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | DBI |
| REACTOME\_FATTY\_ACID\_METABOLISM | CPT2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PRXL2B |
| REACTOME\_FATTY\_ACID\_METABOLISM | CBR1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | THEM4 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACOX1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ALOX15 |
| REACTOME\_FATTY\_ACID\_METABOLISM | CYP4A22 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACOT11 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PRKAA2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | MAPKAPK2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | HPGDS |
| REACTOME\_FATTY\_ACID\_METABOLISM | HPGD |
| REACTOME\_FATTY\_ACID\_METABOLISM | ELOVL7 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACSL6 |
| REACTOME\_FATTY\_ACID\_METABOLISM | MID1IP1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | FAAH2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | CYP2C19 |
| REACTOME\_FATTY\_ACID\_METABOLISM | HACD1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACSF2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | DPEP2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACAA2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | GPX4 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ECI1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACOX2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PPT2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | FASN |
| REACTOME\_FATTY\_ACID\_METABOLISM | ELOVL6 |
| REACTOME\_FATTY\_ACID\_METABOLISM | CYP4F11 |
| REACTOME\_FATTY\_ACID\_METABOLISM | CYP4F22 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACOT12 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACSM6 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PCCA |
| REACTOME\_FATTY\_ACID\_METABOLISM | GPX2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACBD7 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACSF3 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACOT4 |
| REACTOME\_FATTY\_ACID\_METABOLISM | SLC25A20 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ALOXE3 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ALOX12B |
| REACTOME\_FATTY\_ACID\_METABOLISM | ALOX15B |
| REACTOME\_FATTY\_ACID\_METABOLISM | CYP8B1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACBD4 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACOT1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | CYP4F2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | RXRA |
| REACTOME\_FATTY\_ACID\_METABOLISM | CYP4F8 |
| REACTOME\_FATTY\_ACID\_METABOLISM | CYP4F3 |
| REACTOME\_FATTY\_ACID\_METABOLISM | CYP4A11 |
| REACTOME\_FATTY\_ACID\_METABOLISM | HACD4 |
| REACTOME\_FATTY\_ACID\_METABOLISM | AKR1C3 |
| REACTOME\_FATTY\_ACID\_METABOLISM | THEM5 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACSL5 |
| REACTOME\_FATTY\_ACID\_METABOLISM | SLC22A5 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ELOVL2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ECI2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | AWAT1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | HSD17B8 |
| REACTOME\_FATTY\_ACID\_METABOLISM | CPT1B |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACOT6 |
| REACTOME\_FATTY\_ACID\_METABOLISM | TECRL |
| REACTOME\_FATTY\_ACID\_METABOLISM | PPT2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PPT2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | HACD2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | LTC4S |
| REACTOME\_FATTY\_ACID\_METABOLISM | NUDT19 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PPT2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | HSD17B8 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PPT2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PPT2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | HSD17B8 |
| REACTOME\_FATTY\_ACID\_METABOLISM | HSD17B8 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACBD6 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PPT2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | HSD17B8 |
| REACTOME\_FATTY\_ACID\_METABOLISM | GPX1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | PPT2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACAD11 |
| REACTOME\_FATTY\_ACID\_METABOLISM | AMACR |
| REACTOME\_FATTY\_ACID\_METABOLISM | DECR2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | HTD2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | SLC27A3 |
| REACTOME\_FATTY\_ACID\_METABOLISM | DECR2 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACACA |
| REACTOME\_FATTY\_ACID\_METABOLISM | ALOX5 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ABCC1 |
| REACTOME\_FATTY\_ACID\_METABOLISM | ACACA |
| REACTOME\_FATTY\_ACID\_METABOLISM | LTC4S |
| REACTOME\_FATTY\_ACIDS | CYP2D6 |
| REACTOME\_FATTY\_ACIDS | CYP2J2 |
| REACTOME\_FATTY\_ACIDS | CYP4B1 |
| REACTOME\_FATTY\_ACIDS | CYP4A22 |
| REACTOME\_FATTY\_ACIDS | CYP4F11 |
| REACTOME\_FATTY\_ACIDS | CYP4F22 |
| REACTOME\_FATTY\_ACIDS | CYP4F2 |
| REACTOME\_FATTY\_ACIDS | CYP4F12 |
| REACTOME\_FATTY\_ACIDS | CYP4F8 |
| REACTOME\_FATTY\_ACIDS | CYP4F3 |
| REACTOME\_FATTY\_ACIDS | CYP4A11 |
| REACTOME\_FATTY\_ACIDS | CYP2B6 |
| REACTOME\_FATTY\_ACIDS | CYP2F1 |
| REACTOME\_FATTY\_ACIDS | CYP2A13 |
| REACTOME\_FATTY\_ACIDS | CYP2A7 |
| REACTOME\_FATTY\_ACIDS | CYP2D6 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | ELOVL5 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | ELOVL1 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | ACSL4 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | HACD3 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | SCD |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | TECR |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | ACSBG1 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | HSD17B8 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | ELOVL4 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | ELOVL3 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | ACSL3 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | ACSBG2 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | HSD17B3 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | PPT1 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | ACLY |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | MORC2 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | SLC27A2 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | SLC27A3 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | SCD5 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | CBR4 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | HSD17B12 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | ACSL1 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | OLAH |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | ELOVL7 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | ACSL6 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | HACD1 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | PPT2 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | FASN |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | ELOVL6 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | ACSF3 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | HACD4 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | ACSL5 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | ELOVL2 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | HSD17B8 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | TECRL |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | PPT2 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | PPT2 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | HACD2 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | PPT2 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | HSD17B8 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | PPT2 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | PPT2 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | HSD17B8 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | HSD17B8 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | PPT2 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | HSD17B8 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | PPT2 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | HTD2 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | SLC27A3 |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | ACACA |
| REACTOME\_FATTY\_ACYL\_COA\_BIOSYNTHESIS | ACACA |
| REACTOME\_FREE\_FATTY\_ACID\_RECEPTORS | GPR31 |
| REACTOME\_FREE\_FATTY\_ACID\_RECEPTORS | FFAR2 |
| REACTOME\_FREE\_FATTY\_ACID\_RECEPTORS | FFAR1 |
| REACTOME\_FREE\_FATTY\_ACID\_RECEPTORS | FFAR3 |
| REACTOME\_FREE\_FATTY\_ACID\_RECEPTORS | FFAR4 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | NDUFAB1 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ACSM3 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ACADVL |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | HADHA |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ACOT7 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | MCAT |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | DECR1 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ACAD10 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ACOT13 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | PCCB |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ACADL |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | MECR |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ACADM |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ACOT2 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ACADS |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ACOT9 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | MCEE |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ECHS1 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | HADHB |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | HADH |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | PCTP |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | MMUT |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | MMAA |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | DBI |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | THEM4 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ACOT11 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ACSF2 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ACAA2 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ECI1 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ACOT12 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ACSM6 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | PCCA |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ACBD7 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ACOT1 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | THEM5 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ACBD6 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION | ACAD11 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION\_OF\_SATURATED\_FATTY\_ACIDS | ACSM3 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION\_OF\_SATURATED\_FATTY\_ACIDS | ACADVL |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION\_OF\_SATURATED\_FATTY\_ACIDS | HADHA |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION\_OF\_SATURATED\_FATTY\_ACIDS | ACADL |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION\_OF\_SATURATED\_FATTY\_ACIDS | MECR |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION\_OF\_SATURATED\_FATTY\_ACIDS | ACADM |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION\_OF\_SATURATED\_FATTY\_ACIDS | ACADS |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION\_OF\_SATURATED\_FATTY\_ACIDS | ECHS1 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION\_OF\_SATURATED\_FATTY\_ACIDS | HADHB |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION\_OF\_SATURATED\_FATTY\_ACIDS | HADH |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION\_OF\_SATURATED\_FATTY\_ACIDS | ACSM6 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION\_OF\_UNSATURATED\_FATTY\_ACIDS | HADHA |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION\_OF\_UNSATURATED\_FATTY\_ACIDS | DECR1 |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION\_OF\_UNSATURATED\_FATTY\_ACIDS | ACADL |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION\_OF\_UNSATURATED\_FATTY\_ACIDS | ACADM |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION\_OF\_UNSATURATED\_FATTY\_ACIDS | HADHB |
| REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION\_OF\_UNSATURATED\_FATTY\_ACIDS | ECI1 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | ELOVL5 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | ELOVL1 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | ACSL4 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | HACD3 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | TECR |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | ACSBG1 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | ELOVL4 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | ELOVL3 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | ACSL3 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | ACSBG2 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | HSD17B3 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | SLC27A3 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | HSD17B12 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | ACSL1 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | ELOVL7 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | ACSL6 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | HACD1 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | ELOVL6 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | ACSF3 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | HACD4 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | ACSL5 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | ELOVL2 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | TECRL |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | HACD2 |
| REACTOME\_SYNTHESIS\_OF\_VERY\_LONG\_CHAIN\_FATTY\_ACYL\_COAS | SLC27A3 |
| REACTOME\_THE\_FATTY\_ACID\_CYCLING\_MODEL | SLC25A14 |
| REACTOME\_THE\_FATTY\_ACID\_CYCLING\_MODEL | UCP1 |
| REACTOME\_THE\_FATTY\_ACID\_CYCLING\_MODEL | SLC25A27 |
| REACTOME\_THE\_FATTY\_ACID\_CYCLING\_MODEL | UCP3 |
| REACTOME\_THE\_FATTY\_ACID\_CYCLING\_MODEL | UCP2 |
| REACTOME\_TRANSPORT\_OF\_FATTY\_ACIDS | SLC27A6 |
| REACTOME\_TRANSPORT\_OF\_FATTY\_ACIDS | SLC27A1 |
| REACTOME\_TRANSPORT\_OF\_FATTY\_ACIDS | LCN9 |
| REACTOME\_TRANSPORT\_OF\_FATTY\_ACIDS | LCN1 |
| REACTOME\_TRANSPORT\_OF\_FATTY\_ACIDS | SLC27A4 |
| REACTOME\_TRANSPORT\_OF\_FATTY\_ACIDS | LCN15 |
| REACTOME\_TRANSPORT\_OF\_FATTY\_ACIDS | LCN12 |
| REACTOME\_TRANSPORT\_OF\_FATTY\_ACIDS | APOD |