CCN1 promotes hepatic steatosis and inflammation in non-alcoholic steatohepatitis

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Supplementary Table 1: Respective pathway genes included in the fatty acid metabolism PCR array.

Pathway	Gene
Regulatory Genes	Adipoq, Cfd, Lep, Retn, Agt, Angpt2,Lipe, Lpl
PPAR Gamma Targets	Ipoq, Cebpa, Cfd, Fabp4, Fasn, Irs2, Klf15,Pparg, Ppargc1a (PGC-1a), Retn, Sirt3, Srebf1
Adipogenesis Regulation	
Pro-Adipogenesis	Acacb, Axin1, Ccnd1, Cdk4, Cebpb, Cebpd, Dkk1, E2f1, Fabp4, Fasn, Fgf1, Fgf2, Irs2, Jun, Lmna, Rxra, Sfrp1, Sfrp5, Slc2a4 (GLUT4), Wnt5b
Anti-Adipogenesis	Adrb2, Cdkn1a, Cdkn1b, Ddit3, Dlk1, Foxo1, Hes1, Lrp5, Ncor2, Runx1t1, Shh, Sirt1, Sirt2, Taz, Tcf7l2, Tsc22d3, Vdr, Wnt1, Wnt3a
Pro-White Adipose Tissue	Bmp2, Bmp4, Cebpa, Egr2, Fgf10, Klf15, Klf4
Anti-White Adipose Tissue	Gata2, Gata3, Klf2, Klf3
Pro-Brown Adipose Tissue	Bmp7, Creb1, Dio2, Foxc2, Insr, Irs1, Mapk14, Nrf1, Ppara, Ppard, Prdm16, Sirt3, Src, Ucp1, Wnt5a
Anti-Brown Adipose Tissue	Ncoa2, Nr0b2, Nr1h3, Rb1, Twist1, Wnt10b
Fatty Acid Catabolism	
Acetyl-CoA Transferases	Acaa1a, Acaa2, Acat1, Acat2
Acyl-CoA Dehydrogenases	Acad9, Acad10, Acad11, Acadl, Acadm, Acads, Acadsb, Acadvl, Ehhadh, Gcdh
Acyl-CoA Oxidases	Acox1, Acox2, Acox3
Acyl-CoA Synthetases	Acsbg1, Acsbg2, Acsl1, Acsl3, Acsl4, Acsl5, Acsl6, Acsm2, Acsm3, Acsm4, Acsm5
Acyl-CoA Thioesterases	Acot2, Acot3, Acot6, Acot7, Acot8, Acot9, Acot12
Carnitine Transferases	Cpt1a, Cpt1b, Cpt1c, Cpt2, Crat, Crot
Other	Aldh2, Decr1, Decr2, Echs1, Hadha, Mcee, Mut, Eci2, Pecr, Ppa1
Fatty Acid Transport	Cpt1a, Cpt1b, Cpt1c, Cpt2, Crat, Crot, Fabp1, Fabp2, Fabp3, Fabp4, Fabp5, Fabp6, Slc27a1, Slc27a2, Slc27a3, Slc27a4, Slc27a5, Slc27a6

Fatty Acid Biosynthesis	Prkaa1, Prkaa2, Prkab1, Prkab2, Prkaca, Prkacb, Prkag1,
Regulation	Prkag2, Prkag3
Ketogenesis	Bdh1, Bdh2, Hmgcl, Hmgcs1, Hmgcs2, Oxct2a
Triacylglycerol Catabolism	Gk2, Gpd1, Gpd2, Gyk, Lipe, Lpl