



Upstream Regulator	Predicted Activation State	Activation z-score	p-value of overlap	Target molecules in dataset
ATF4	Activated	2.189	2.46E-09	ASNS, ATF3, ATF5, FASN, FGF21, IGFBP2, MTHFD2, PCK2, PHGDH, PSAT1, SLC3A2, TRIB3
PPAR α	-	2.000	2.02E-28	ABCA1, ACAA2, ACAT2, Acot1, ACOT2, ASNS, ASS1, C6, CIDEA, Cyp4a14, CYP51A1, CYP8B1, DBI, DHCR7, ECH1, ECI1, FABP5, FADS1, FADS2, FASN, FDFT1, FDPS, FGF21, FOS, G6PD, GPD2, HMGCR, HPD, IDI1, INSIG1, LSS, MSMO1, PLIN2, PMVK, PPARGC1A, QPCT, RAD51B, SQLE, VNN1