

S7 Table: List of genes involved in obesity or obesity related disorders with their fold change and statistical significance. The bold colored gene represents the target genes of NF- κ B proteins.

Gene	FC	P value	PubMed
<i>ELOVL6</i>	-3.57931	0.004858	17906635, 20228221, 19259639, 26628376
<i>VEGFA</i>	-1.54068	0.039188	27819131, 27819131, 23805408, 18713823, 22451920
<i>JUNB</i>	2.429319	0.013038	24925581, 24186979, 16306344, 24186979, 24411941, 22169755
<i>NGFR</i>	-1.53768	0.019127	26278479, 25896784, 24608438,
<i>PGRMC2</i>	1.573806	0.015074	28388727
<i>PIK3R1</i>	1.79652	0.012608	22698915, 27766312, 15331535, 28478612, 23991359, 17016694
<i>PTPN11</i>	1.66582	0.001426	15520383, 22431513
<i>SPTBN1</i>	1.69658	0.002139	29115457, 29145611
<i>FOS</i>	5.645199	0.005852	10435786, 28527681, 10856820
<i>ABCA1</i>	-1.50857	0.01755	21289254, 24443560, 29348118, 17135600, 26891315,
<i>AHNAK</i>	1.612503	0.013673	30154465, 26466345, 26987950
<i>STAT1</i>	-1.85297	0.026271	22969086, 23735217, 26972840
<i>ABCG1</i>	-2.17004	0.000164	26451289, 25249572, 22179025, 25249572
<i>MITF</i>	1.988386	0.000116	24789918, 24477476, 28380427
<i>IRF1</i>	-1.62929	0.032121	28416283, 22874466, 21187013
<i>HSP90AA1</i>	1.608236	0.007092	23261432, 24096869
<i>YME1L1</i>	-1.94133	0.019475	29579150,
<i>JUND</i>	1.999995	0.001439	24186979, 24411941, 22169755
<i>SP3</i>	-1.60374	0.027501	12378384, 18664368
<i>PALLD</i>	1.580293	0.016407	21602305, 24549139, 21602305
<i>AGPAT5</i>	-1.59866	0.004458	25651185, 16436371, 25415055
<i>CD69</i>	2.332444	0.003264	29888230, 27609769, 21911743, 29888230, 29560551, 22024641
<i>DDX39A</i>	-1.50852	0.001805	29441128
<i>CALM1</i>	1.72647	0.002641	28246289
<i>NEDD4L</i>	1.925482	0.001355	23549273, 28017963, 21154329, 20003179
<i>PTX3</i>	-2.57139	0.047881	24415446, 28770376, 28400677, 30105036, 24215445, 25467846,
<i>EZH2</i>	-1.60725	0.020643	26725766, 28440716
<i>SORL1</i>	2.453291	0.001113	9122234, 26869351, 27151441
<i>KLF4</i>	2.919027	0.000531	27322061, 27832290
<i>TXNIP</i>	1.755448	0.028682	29864940, 24928509, 21670502, 27881420, 30240435, 27777310
<i>ERG1</i>	3.7059453	0.002368	21119640, 26696635, 21508227, 24482226, 19875615, 29339473
<i>TNC</i>	-3.07138	0.003811	23502673, 19229250, 29607419
<i>BCL2</i>	1.615368	0.013141	26603137, 22851489, 27612200, 29449623
<i>COL1A1</i>	-1.58716	0.014842	23193206, 29100331, 29348885, 26900794, 28280903, 27416945,
<i>VCAMI</i>	-2.07178	0.009974	28607631
<i>JUN</i>	3.955379	0.000236	21775118, 20107860
<i>TEAD4</i>	-1.55101	0.009679	27853845, 19249917, 10523328, 28297678
<i>HSPA1A</i>	2.238211	0.00024	23967297, 21182758, 26608096
<i>IGF1R</i>	-1.52481	0.024148	29666371, 21187013
<i>TGM2</i>	-1.98368	0.003705	25720752, 25379403, 24599575, 25720752, 18223156
			29150385, 29430464, 26237614, 28402847, 28244645
			26313919, 21900603