

Gene Name	Symbol	p-Value	Fold up or Down Regulation
PACAP	Adcyap1	0.861	-1.02
2900024I10Rik/AI846590	Adcyap1r1	0.442	-1.26
30kDa/APN	Adipoq	0.168	-1.21
2810031L11Rik/ACDCR1	Adipor1	0.342	-1.13
1110001I14Rik/ADCR2	Adipor2	0.004	1.51
Adra-2b/[a]2B	Adra2b	0.717	1.16
Adrb-1/beta-AR	Adrb1	0.059	-1.63
Agrt/Art	Agrp	0.216	-1.33
Apoa-4	Apoa4	0.824	-1.10
AW558010/Mgca	Atrn	0.032	1.27
BDNF	Bdnf	0.258	1.43
BRS-3	Brs3	0.379	-1.10
AI255234/ASP	C3	0.265	1.30
CA/CGRP-1	Calca	0.222	-1.48
Clr	Calcr	0.861	-1.02
Cart	Cartpt	0.861	-1.02
CCK	Cck	0.139	4.78
AW106902	Cckar	0.861	-1.02
2200003J09Rik	Clps	0.325	-1.22
CB1	Cnr1	0.954	-1.21
Cntfralpha	Cntfr	0.012	-8.68
AA960140/AW322530	Cpd	0.066	-1.17
CPH/Cph-1	Cpe	0.788	-1.04
CRFR1/Crhr	Crhr1	0.861	-1.02
C030036C15Rik/Drd-1	Drd1a	0.528	1.49
D2R/Drd-2	Drd2	0.050	1.84
Galn	Gal	0.325	-1.24
Galnr1	Galr1	0.816	-1.30
GLP-1	Gcg	0.425	1.06
GR	Gcgr	0.503	1.17
GH	Gh	0.861	-1.02
AA986417/GHBP	Ghr	0.364	-1.26
2210006E23Rik/MTLRP	Ghrl	0.132	-1.66
C530020I22Rik	Ghsr	0.861	-1.02
GLP-1R/GLP1Rc	Glp1r	0.861	-1.02
AW049955/Gpr24	Mchr1	0.763	1.19
BLP	Grp	0.861	-1.02
GRP-R	Grpr	0.064	-1.78
PPOX	Hcrt	0.565	1.07
Ox1r	Hcrt1	0.738	1.39
Bphs	Hrh1	0.510	1.23

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5-HT2C/5-HT2cR	Htr2c	0.861	-1.02
amylin	Iapp	0.861	-1.02
Il-1a	Il1a	0.222	-1.67
IL-1beta/Il-1b	Il1b	0.143	2.07
CD121a/CD121b	Il1r1	0.246	-1.17
Il-6	Il6	0.792	1.10
CD126/IL-6R	Il6ra	0.470	1.17
Ins-1/Ins2-rs1	Ins1	0.508	-1.07
AA986540/Ins-2	Ins2	0.191	-1.83
4932439J01Rik/CD220	Insr	0.007	1.29
ob/obese	Lep	0.377	1.94
LEPROT/Leprb	Lepr	0.000	2.71
MGC124211	Mc3r	0.861	-1.02
3110023K12Rik	Nmb	0.052	-2.41
BB182387	Nmbr	0.960	-1.35
NMU	Nmu	0.861	-1.02
FM-3/Gpr66	Nmur1	0.267	1.63
0710005A05Rik	Npy	0.137	3.85
Npyr/Y1-R	Npy1r	0.076	1.96
GR/Grl-1	Nr3c1	0.288	1.05
A1848316/C030027L06Rik	Ntrk2	0.691	-1.07
5033428E16Rik/NMN-125	Nts	0.638	-1.57
NT-1R/NTR-1	Ntsr1	0.861	-1.02
KOR/KOR-1	Oprk1	0.861	-1.02
MOP-R/MOR-1	Oprm1	0.861	-1.02
AL024364/Oprs1	Sigmar1	0.426	-1.10
ACTH/BE	Pomc	0.589	1.13
4933429D07Rik/AW742785	Ppara	0.124	-1.37
Nr1c3/PPAR-gamma	Pparg	0.512	-1.07
A830037N07Rik/PGC-1	Ppargc1a	0.416	1.38
GR3/Gm339	Prlhr	0.554	1.12
PTP-1B/PTP-HA2	Ptpn1	0.249	1.34
MGC19143	Pyg	0.861	-1.02
A1850306	Ramp3	0.766	-1.08
2900053A11Rik/A1852375	Sort1	0.624	1.04
SOM/SRIF	Sst	0.861	-1.02
SSTR-2/Smstr-2	Sstr2	0.497	-1.28
Nr1a2/T3R[b]	Thrb	0.230	-1.19
DIF/TNF-alpha	Tnf	0.054	-2.59
A1324969/AL022609	Trh	0.000	-9.21
Ucn1	Ucn	0.598	-2.15

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AI385626/Slc25a7	Ucp1	0.086	1.53
9130014I08Rik/A530054C17Rik	Zfp91	0.024	1.43
AI747421/Gur	Gusb	0.486	-1.06
C81579/HPGRT	Hprt1	0.043	1.27
90kDa/AL022974	Hsp90ab1	0.358	1.07
Gapd	Gapdh	0.188	1.19
Actx/E430023M04Rik	Actb	0.007	-1.52