

Transcriptome Modifications in the Porcine Intramuscular Adipocytes during Differentiation and Exogenous Stimulation with TNF- α and Serotonin

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Supplementary table

Table S1. Sequence information for the primers used for qRT-PCR-based quantification of mRNA expressions in porcine adipocytes after stimulation with serotonin and TNF α .

Gene symbol	Primer sequence (3' - 5')	Size (bp)	Accession No
Beta actin	F: CAT CAC CAT CGG CAA CGA R: GCG TAG AGG TCC TTC CTG ATG T	144	XM_003124280.5
INSR	F: AGA GCG GAT CGA GTT TCT CA R: CCA TCC CAT CAG CAA TCT CT	245	XM_021083943.1
PPAR γ	F: ACA CCG AGA TGC CGT T R: CGA CAG GTC CAC AGA G	56	XM_005669788.3
PPAR α	F: CGA CCT GGA AAG CCC GTT AT R: GGA TCC ATC TGA TCC CGG AC	148	NM_001044526.1
TLR2	F: ACA TGA AGA TGA TGT GGG CC R: TAG GAG TCC TGC TCA CTG TA	109	XM_005653577.3
TLR3	F: TAG AGA CAT GGA TTG CTC CC R: AAC TTC TGG AAT GCA GGT CC	435	NM_001097444.1
TLR4	F: CTC TGC CTT CAC TAC AGA GA R: CTG AGT CGT CTC CAG AAG AT	322	NM_001293316.1
EPCAM	F: GCGATA GCG ATT GTT GCT GG R: CCC TAT GCA TCT CGC CCA TC	106	NM_214419.1
SAA2	F: AGAGCCTACTCGGACATGAGA GA R: CCC CGG GCA TGG AAG TAC	65	NM_001044552.1
CXCL2	F: CCG GGA CCC CAC TGT GA R: CAAACTTCCTGACCATTCTTGAGA	62	NM_001001861.2
CFB	F: CCT CGG GCT CCA TGA ATA TC R: TGC CCC AAT GCT GTC TGA T	56	NM_001101824.1
C3	F: CCA ACA GGG AGT GCA ACG A R: TGA CTC CGT GTC TGG GAC TTG	70	NM_214009.1
CSF1	F: CCA ACA GGG AGT GCA ACG A R: TGA CTC CGT GTC TGG GAC TTG	147	NM_001244523.1
TGFB3	F: TTG CTA AAT GCT CCA GCC AG	90	NM_214198.1

	R: GCC TCC GCC TGT AGA ACA AG		
TNFAIP3 (A20)	F: CCC TGG GGC ATT ATG GGT TT R: CCT CAC ACG TTG TAG CAC CT	60	NM_001267890.1
TNF α	F: CGA CTC AGT GCC GAG ATC AA R: CCT GCC CAG ATT CAA AG	58	JF831365.1
IL-8 (CXCL8)	F: GCT CTC TGT GAG GCT GCA GTT R: TTT ATG CAC TGG CAT CGA AGT T	62	NM_213867.1
IL6	F: TGG ATA AGC TGC AGT CAC AG R: ATT ATC CGA ATG GCC CTC AG	109	NM_214399.1
IL1A	F: AGAATCTCAGAAACCCGACTGTTT R: TTC AGC AAC ACG GGT TCG T	62	NM_214029.1
IL1B	F: GCC CTG TAC CCC AAC TGG TA R: CCA GGA AGA CGG GCT TTT G	61	NM_001302388.2
CYP1A1	F: GCC CGA CCT CTA CAG CTT R: TGG GAT GGT GAA GGG GA	843	NM_214412.1
FABP4	F: TCA CTG CAG ATG ACA GGA AAG TC R: ACC AGG GCG CCT CCA T	58	NM_001002817.1
CD36	F: AAA ATA TAA CCC AGG ACC CTG AGA R: ATG GCA CCA TTG GGC TGT A	61	NM_001044622.1
LPIN1	F: AAA ACC TGT CCC CAG TCG TG R: GAA ACT GAA GGA CTG GCG CT	91	NM_001130734.1
PLIN2	F: CTG ACC GAG TCT CAG GAT GC R: GCT GGC AGA GGC AGG TTT A	102	NM_214200.2
ACAA1	F: TGT CCA TGT GTA TCG GGA CC R: CAC CAT CGG TGC TAG AGG TG	147	XM_003132103.4
GLP2R	F: CTG TAC ACG GTG GGC TAC TC R: CGA AGA CAC AAG AGG AGG GTC	70	NM_001246266.1
HTR1F	F: TGG CTT GGA TAT CTC AAT TCC CT R: TCG ACA TCG TAC AAG TTT TTG G	96	NM_214101.1
HTR2A	F: GGT CGG CCT TTT CCA GGT AT R: GGC CTT GTC GTC TTG CTT TG	152	NM_214217.1

KLF15	F: CCT GTG AAG GGG GAG CAT TT R: ACC CCT GGC TCC ATG TTT TC	128	NM_001134349.2
FGFR1	F: GAC TCT CCA GAG GCG GAA TC R: TGC GGT TAG AGG TTG GTG AC	115	XM_005671767.3
CADM4	F: CGA AAG GAG CTG AAA GGG GT R: TGC CTC GCA GAT GAC GAT AC	120	XM_021094480.1
AMCF2	F: AGT GCT CCA AGG CAG AAG TGA R: TTT GGG TCC AGA CAG ACT TCC T	64	NM_213876.1
THBD	F: AGG CTT GCG AGC ATC TAC AG R: GGT TGT CCC CTG TAA CCC AC	192	NM_001130732.1
PROC	F: GAG CCA AAG GTG AGG TCC C R: ATG GGG ACT GCT TCC CAT TG	142	NM_213918.1
NOTCH4	F: CCA GGC TGA AGA AAT GGC CT R: GTC ACT CCA TCA GGT CCA CG	153	NM_001123147.1
NKRF	F: CCA AAT CGT ACA TGG CGC TG R: CCT GGG TGA AGA GCC TGT TT	180	XM_001927183.6
PTGS1	F: AGC TCA AGT TTG ACC CGG AG R: CGA CCC CAT AGT CCA TCA GC	186	XM_001926129.6
PTGIS	F: CCG ATT CCT GAA CCC GGA TG R: CCC AGG GCA GGC TGT AAT TC	83	XM_005654248.3
PTGDS	F: GTC CAT GTG CAA ATC GCT GG R: GCA TCA GAG TTC GGG TCA CA	101	NM_214228.1
ALOX12	F: ACC ACC AAG GAA GAC GTG AC R: GGC CTT GGG GCT TGA GAA AT	162	XM_003483092.4
NOS2	F: CAG CCA GGT GCT CAC CTA TT R: TCT CAA GCC TCT GCC TTT CG	110	NM_001143690.1