

Table S6: Gene expression in pellets treated with pooled serum (PS), pooled serum incubated for 24 h (PS24h), and pooled conditioned serum (PCS) compared with that in untreated controls (interleukin (IL)-1 β -stimulated pellets) after 48 h. Genes were grouped based on significantly downregulated expression in the treatment groups.

Gene symbol	Gene name	Probe set ID	PS Log2 FC	PS24h Log2 FC	PCS Log2 FC
Downregulated in PS, PS24h and PCS					
LOC100055505	c-type lectin domain family 3 member A-like	15065448	-4.18	-3.58	-3.94
GLT25D2	glycosyltransferase 25 domain containing 2	15089905	-2.22	-2.11	-2.18
STC2	stanniocalcin 2	14981678	-1.74	-1.68	-1.50
LOC100056564	laminin subunit beta-3-like	15085328	-1.59	-1.34	-1.30
ACAN	aggrecan	14944988	-1.54	-1.34	-1.55
NEDD4	neural precursor cell expressed, developmentally down-regulated 4, E3 ubiquitin protein ligase	14937947	-1.45	-1.27	-1.13
LOC100063599	uncharacterised protein C21orf62-like	15055175	-1.39	-1.56	-1.22
MAMDC2	MAM domain containing 2	15043206	-1.27	-1.13	-1.25
ITIH5	inter-alpha-trypsin inhibitor heavy chain family, member 5	15062615	-1.15	-1.38	-1.24
Downregulated in PS					
PSAT1	phosphoserine aminotransferase 1	15042943	-2.22	-0.67	-1.43
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ITGA6	integrin, alpha 6	15007322	-1.94	-1.28	-1.54
POSTN	periostin, osteoblast specific factor	15004827	-1.93	-1.22	-1.12
HAPLN1	hyaluronan and proteoglycan link protein 1	14983889	-1.59	-0.87	-0.93
MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase	14992447	-1.47	-0.75	-1.19
PFN2	profilin 2	15002259	-1.36	-0.66	-0.93
LOC100057932	transmembrane protein 56-like	15092785	-1.35	-0.90	-0.94
TLL1	tolloid-like 1	15025249	-1.33	-0.36	-0.87
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ALDH1L2	aldehyde dehydrogenase 1 family, member L2	15060654	-1.25	-0.69	-1.13
LOC100051061	tumour necrosis factor ligand superfamily member 8-like	15052198	-1.21	-1.04	-0.85
TNC	tenascin C	15052202	-1.16	-0.82	-0.70
SLC7A5	solute carrier family 7 (amino acid transporter light chain, L system), member 5	15070053	-1.16	-0.17	-0.72
SRPX2	sushi-repeat containing protein, X-linked 2	15129034	-1.12	-0.39	-0.45
LOC100629684	transmembrane protein 216-like	14970392	-1.10	-0.40	-0.41
ALG9	asparagine-linked glycosylation 9, alpha-1,2-mannosyltransferase homolog (S. cerevisiae)	15109616	-1.09	-0.10	-0.20
LOC100059512	CD9 antigen-like	15095563	-1.08	-0.56	-0.70
LOC100060950	protein ARV1-like	14944212	-1.08	-0.10	-0.35
PMP22	peripheral myelin protein 22	14968944	-1.07	-0.88	-0.81
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LOC100051514	regulator of G-protein signaling 16-like	15089848	-1.03	-1.04	-0.80

MCOLN2	mucolipin 2	15088442	-1.03	-0.80	-0.80
LOC100055408	cell growth regulator with EF hand domain protein 1-like	14990510	-1.02	-0.76	-0.69
LOC100061297	phosphoserine phosphatase-like	14975768	-1.02	-0.23	-0.27
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Downregulated in PS24h					
LOC100630858	metallothionein-2-like	15064176	-1.64	-2.57	-1.34
VIT	vitrin	14993530	-1.37	-2.44	-1.64
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LOC100053452	1,25-dihydroxyvitamin D(3) 24-hydroxylase, mitochondrial-like	15040889	-0.80	-1.09	-0.93
PLCE1	phospholipase C, epsilon 1	14942529	-0.97	-1.06	-0.98
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Downregulated in PCS					
MIR140	microRNA mir-140	15065031	-0.72	-0.75	-1.15
PHGDH	phosphoglycerate dehydrogenase	15091893	-0.72	-0.92	-1.13
GPT2	glutamic pyruvate transaminase (alanine aminotransferase) 2	15063835	-0.93	-0.99	-1.02
Downregulated in PS and PCS					
SLC40A1	solute carrier family 40 (iron-regulated transporter), member 1	15010682	-1.48	-0.97	-1.07
LOC100057735	dermatopontin-like	15089332	-1.46	-0.92	-1.22
LOC100059936	delta-sarcoglycan-like	14985066	-1.43	-0.91	-1.14
SLC6A9	solute carrier family 6 (neurotransmitter transporter, glycine), member 9	15016482	-1.25	-0.85	-1.12
Downregulated in PS24h and PCS					
SCX	scleraxis	15122858	-0.93	-1.20	-1.09
PDZD2	PDZ domain containing 2	15035933	-0.86	-1.16	-1.25
COL11A2	collagen, type XI, alpha 2	15031054	-0.85	-1.09	-1.08
LOC100049922	collagen alpha-1(XI) chain-like	15087870	-0.92	-1.01	-1.01
LOC100050257	inhibin beta E chain-like	15097846	-0.79	-1.00	-1.34

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