

Webtable 1. Significant differentially expressed genes between steroid and placebo treatment with the corresponding Gene Ontology (GO) term and reference identifying this gene as a corticosteroid target listed by fold change.

Accession No.	Symbol	Name	fold change	GO Classification	Regulated by corticosteroid treatment
W86653	FKBP5	FK506 binding protein 5	4.88	Protein folding	Hubler 2004 (38), Woodruff 2007 (44)
AA877253	RNF186	Ring finger protein 186	4.12	Protein binding	
AA775091	TSC22D3	TSC22 domain family, member 3	3.03	Transcription	Woodruff 2007 (44)
AI668637	PLN	Phospholamban	2.54	Blood circulation	McTiernan 1997 (42)
AA910933	SLC25A45	Solute carrier family 25, member 45	2.50	Transport	
AA971563	SGSM3	Small G protein signaling modulator 3	2.50	Protein binding	
AA490088	SUSD3	Sushi domain containing 3	2.24		
N30976	CYP24A1	Cytochrome P450, family 24, subfamily A, polypeptide 1	-2.01	Oxidation reduction	
H13469	TUSC3	Tumor suppressor candidate 3	-2.03	Protein modification	
R25377	DEK	DEK oncogene (DNA binding)	-2.04	Transcription	
AA194983	TNFRSF11B	Tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin)	-2.08	Apoptose	Makrygiannakis 2006 (41)
AI003775	LOC387763	Hypothetical LOC387763	-2.08		
AI922872	SOCS3	Suppressor of cytokine signaling 3	-2.09	Anti-Apoptose	Paul 2000 (43)
AA461108	EFNB2	Ephrin-B2	-2.10	Signaling	
AA700471	MYO10	Myosin X	-2.10	Signaling	
AA865469	TUBA1A	Tubulin, alpha 1a	-2.12	Microtubule	
H70774	HIST1H2BG	Histone cluster 1, H2bg	-2.12	Defense	
AI831083	DPYSL3	Dihydropyrimidinase-like 3	-2.12	Signaling	
AA425102	CCL2	Chemokine (C-C motif) ligand 2	-2.12	Immunity	Ansari 2007 (33), Lund 2007 (40), Ishmael 2008 (39)
T72915	SOCS3	Suppressor of cytokine signaling 3	-2.13	Anti-Apoptose	Paul 2000 (43)
AA706968	ZWINT	ZW10 interactor antisense	-2.16	Cell cycle	
N63988	IFIT2	Interferon-induced protein with tetratricopeptide repeats 2	-2.17	Immunity	
AA057170	ADAMTS1	ADAM metallopeptidase with thrombospondin type 1 motif, 1	-2.19	Signaling	

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H70961	NFKBIZ	Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta	-2.19	Immunity	Ishmael 2008 (39)
AA454810	TACSTD2	Tumor-associated calcium signal transducer 2	-2.21	Signaling	
AA165664	UGCG	UDP-glucose ceramide glucosyltransferase	-2.23		
AA598526	HIF1A	Hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)	-2.28	Transcription	Hata 2008 (37)
W42723	CXCL1	Chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)	-2.37	Immunity	Ishmael 2008 (39)
AA485373	TMEM49	Transmembrane protein 49	-2.38		
AA457138	FZD8	Frizzled homolog 8 (Drosophila)	-2.38	Signaling	
AA026120	BHLHB2	Basic helix-loop-helix domain containing, class B, 2	-2.40	Transcription	
T97782	SLC2A14	Solute carrier family 2 (facilitated glucose transporter), member 14	-2.41	Transport	
AA424804	RCBTB2	Regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 2	-2.42		
AI262129	POSTN	periostin, osteoblast specific factor	-2.44	Cell adhesion	Woodruff 2007 (44)
AA456366	JUNB	Jun B proto-oncogene	-2.45	Transcription	Hansson 2008 (36)
AA457705	IER3	Immediate early response 3	-2.47	Immunity	
AA486533	EGR1	Early growth response 1	-2.51	Transcription	Ishmael 2008 (39)
AA496359	IER2	Immediate early response 2	-2.51		
AA446120	ADM	Adrenomedullin	-2.56	Signaling	de Kruif 2008 (35)
AA723035	ZFP36L1	Zinc finger protein 36, C3H type-like 1	-2.58	Transcription	
AA425102	CCL2	Chemokine (C-C motif) ligand 2	-2.59	Immunity	Ansari 2007 (33), Lund 2007 (40), Ishmael 2008 (39)
N94468	JUNB	Jun B proto-oncogene	-2.60	Transcription	Hansson 2008 (36)
AA495759	ZNF652	Zinc finger protein 652	-2.65	Transcription	
W47003	HIF1A	Hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)	-2.73	Transcription	Hata 2008 (37)

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AA877213	CYP24A1	Cytochrome P450, family 24, subfamily A, polypeptide 1	-2.75	Oxidation reduction	
T77817	CCL2	Chemokine (C-C motif) ligand 2	-2.80	Immunity	Ansari 2007 (33), Lund 2007 (40), Ishmael 2008 (39)
R20750	FOS	V-fos FBJ murine osteosarcoma viral oncogene homolog	-3.09	Immunity	Chen 2008 (34)
AI927438	HBB	Hemoglobin, beta	-3.22	Oxygen transport	Woodruff 2007 (44)
AI628353	TBC1D9	TBC1 domain family, member 9 (with GRAM domain)	-4.76	Rab GTPase activity	
AI383157	NRXN2	Neurexin 2	-4.85	Cell adhesion	
AA481758	DNAJB1	DnaJ (Hsp40) homolog, subfamily B, member 1	-4.95	Protein folding	
AI095024	SNAPC2	Small nuclear RNA activating complex, polypeptide 2, 45kDa	-5.12	Transcription	