

SUPPLEMENTAL TABLE S8: EPO/EPOR MODULATED OTHER

gene symbol, gene name [Entrez gene ID]	EPO modulation, fold change	known / novel	description	reference (PMID or MGI)
<i>Rnf141</i> , ring finger protein 141 [67150]	2.2x down	N	plays an important role in mouse spermatogenesis, including spermatogenic cell proliferation and sperm mutation, as well as motility and fertilization	18823591
<i>493042210Rik</i> , RIKEN cDNA 4930422107 gene [71640]	2.4x down	N	zinc finger protein 949	MGI:1918890
<i>1190002F15Rik</i> , RIKEN cDNA 1190002F15 gene [381822]	2.1x down	N	unknown	MGI:1915081
<i>545228</i> , Gm5817 predicted gene 5817 [545228]	2.2x down	N	unknown	MGI:3779527
<i>AA408296</i> , expressed sequence AA408296 [215193]	2.0x up	N	digestive organ expansion factor homolog (zebrafish)	MGI:2138080
<i>Pcgf3</i> , polycomb group ring finger 3 [69587]	2.1x up	N	unknown	MGI:1916837
<i>LOC636713</i> or <i>Srfbp1</i> , similar to SRF-dependent transcription regulation associated protein serum response factor binding protein 1 [636713/67222]	2.1x up	N	May be involved in regulating transcriptional activation of cardiac genes during aging process; may play a role in biosynthesis and/or processing of SLC2A4 in adipose cells	MGI:1914472
<i>1700097N02Rik</i> , RIKEN cDNA 1700097N02 gene [67522]	2.1x up	N	unknown	MGI:1914772
<i>2310043N10Rik</i> or <i>Neat1</i> , nuclear paraspeckle assembly transcript 1 [66961]	2.1x down	N	Plays a role in paraspeckle formation	20211624; 19217333
<i>6230427J02Rik</i> or <i>Inka1</i> , RIKEN cDNA 6230427J02 gene [68176]	2.1x up	N	Known as Inka1; gene regulated in the neural crest required for craniofacial morphogenesis in fish and frog	20175189
<i>D16Erd472e</i> , DNA segment, Chr 16, ERATO Doi 472 [67102]	2.6x up	N	unknown	MGI:1196400
<i>Snhg7</i> , small nucleolar RNA host gene (non-protein coding) 7 [72091]	2.6x up	N	unknown	MGI:1919341
<i>2810474O19Rik</i> , RIKEN cDNA 2810474O19 gene [67246]	2.6x up	N	unknown	MGI:1914496
<i>Tmem185b</i> , transmembrane protein 185B [226351]	2.6x up	N	Transmembrane protein involved with G-protein-coupled receptors	15525354
<i>Bend3</i> , BEN domain containing 3 [331623]	2.5x up	N	unknown	MGI:2677212
<i>Kbtbd8</i> , kelch repeat and BTB (POZ) domain containing 3 [243574]	2.5x up	N	unknown	MGI:2661430
<i>Gtlf3a</i> , Gm16516 predicted gene, Gm16516 [24082]	3.9x up	K	Expressed during formation of early hematopoietic cells	10402672
<i>Irf35</i> , interferon-induced protein 35 [70110]	2.3x up	N	interferon-induced leucine zipper protein that undergoes interferon-regulated cellular redistribution	8288566
<i>2410016O06Rik</i> , RIKEN cDNA 2410016O06 gene [71952]	3.2x up	N	Histone demethylase involved in chromatin remodeling	14742713
<i>2700023E23Rik</i> , RIKEN cDNA 2700023E23 gene [70036]	2.9x up	N	unknown	MGI:1917286
<i>Fhl1</i> , four and a half LIM domains 1 [14199]	2.2x up	N	May have an involvement in muscle development or hypertrophy	21310615
<i>Gdap10</i> , Gdap10 ganglioside-induced differentiation-associated-protein 10 [14546]	2.2x up	N	May be involved in the signal transduction pathway that is triggered through the expression of a single sialyltransferase gene	10217254
<i>Ccdc137</i> , coiled-coil domain containing 137 [Ccdc137]	2.2x up	N	unknown	MGI:1914541
<i>2810474O19Rik</i> , RIKEN cDNA 2810474O19 gene [67246]	3.1x up	N	unknown	MGI:1914496
<i>Wdr43</i> , WD repeat domain 43 [72515]	2.4x up	N	unknown	MGI:1919765
<i>No19</i> , nucleolar protein 9 [74035]	2.4x up	N	unknown	MGI:1921285
<i>Ssca1</i> , Sjogren's syndrome/scleroderma autoantigen 1 homolog [56390]	2.5x up	N	Might play a role in mitosis. Antigenic molecule. Could be a centromere-associated protein. May induce anti-centromere antibodies.	9486406
<i>Fam46c</i> , family with sequence similarity 46, member C [74645]	2.5x up	N	unknown	MGI:1921895
<i>Cnbp</i> , cellular nucleic acid binding protein [7555]	2.8x up	N	May be involved in controlling cell death and proliferation rates	20960530
<i>YdjC</i> , YdjC homolog [69101]	3.5x up	N	Contains a structural relationship with peptidoglycan N-acetylglucosamine deacetylase	18177738
<i>Sri</i> , sorcin [109552]	2.9x down	N	Calcium-binding protein that modulates excitation-contraction coupling in the heart.	17699613
<i>9530029O12Rik</i> , RIKEN cDNA 9530029O12 gene [399629]	2.3x up	N	unknown	MGI:3026981
<i>Cdv3</i> , carnitine deficiency-associated gene expressed in ventricle 3 [321022]	2.3x up	N	May be involved in the development of cardiac hypertrophy caused by carnitine deficiency	12359334
<i>Nrp</i> , neuropilin 1 [654309]	2.2x up	K	May negatively regulates erythroid stem cell proliferation; an antagonist to IL-3 stimulation	2205877
<i>Ssbp3</i> , single-stranded DNA binding protein 3 [23648]	2.1x down	N	unknown	MGI:1919725