

SUPPLEMENTAL TABLE S7: EPO/EPOR MODULATED RNA PROCESSING

gene symbol, gene name [Entrez gene ID]	EPO modulation, fold change	known / novel	description	reference (PMID or MGI)
<i>Clk1</i> , CDC-like kinase 1 [12747]	2x down	N	nucleotide binding, protein serine/threonine kinase, tyrosine kinase activity, ATP binding, transferase activity	1825055, 9307018
<i>Polr1b</i> , polymerase (RNA) I polypeptide B [20017]	2.5x up	N	DNA binding, DNA-directed RNA polymerase activity, protein binding, zinc ion binding, nucleotidyltransferase activity, ribonucleoside binding.	9236775, 18023416
<i>Heatr1</i> , HEAT repeat containing 1 [217995]	2.2x up	N	binding	MGI:2442524
<i>Nip7</i> , nuclear import 7 homolog [66164]	2.3x up	N	RNA binding, protein binding, ribosome biogenesis, accurate pre-rRNA processing	16128814, 9891085
<i>Trmt61A</i> , tRNA methyltransferase 61 homolog A [328162]	2.8x up	N	protein binding, tRNA (adenine-N1-)-methyltransferase activity	16043508
<i>Yrdc</i> , yrdC domain containing, [230734]	2.8x up	N	protein binding, needed for the maturation of 16S rRNA	2675563, 15716138
<i>Exosc1</i> , exosome component 1[66583]	2.3x up	N	RNA binding, nuclease activity, exonuclease activity, protein binding, hydrolase activity	11812149, 17174896