

**SUPPLEMENTAL TABLE S6: EPO/EPOR MODULATED RIBOSOME BIOSYNTHESIS**

<b>gene symbol, gene name [Entrez gene ID]</b>	<b>EPO modulation, fold change</b>	<b>known / novel</b>	<b>description</b>	<b>reference (PMID or MGI)</b>
<i>Bxdc2</i> , BRX1 biogenesis of ribosomes homolog [67832]	2.1x up	N	60S subunit, ribosomal biosynthesis	12702244
<i>Mak16p</i> , MAK16 homolog [67920]	2.1x up	N	stabilize 27SB precursor rRNA and maturation of 25S and 5.8S rRNA	16710831
<i>Rrs1</i> , RRS1 ribosome biogenesis regulator homolog [59014]	3.7x up	N	export of 60S subunits from nucleolus to cytoplasm	15135061
<i>Bysl</i> , bystin-like [53414]	2.4x up	N	40S ribosome biogenesis	17242206
<i>Nmd3</i> , NMD3 homolog [97112]	2.3x up	N	nucleocytoplasmic shuttling protein, export 60S ribosomal subunit	20584915
<i>Dimt1l</i> , DIM1 dimethyladenosine transferase 1-like [66254]	2.2x up	N	dimethylates adenosines in 18SrRNA	MGI:1913504
<i>Tsr1</i> , TSR1 20S rRNA accumulation homolog [104662]	3.5x up	N	required for maturation of 40S ribosomal subunit	16159874
<i>Rps24</i> , ribosomal protein S24 [677113]	2.2x up	K	nucleotide binding, structural constituent of ribosome, structural constituent of ribosome	1840675
<i>Urb2</i> , URB2 ribosome biogenesis 2 homolog, [382038]	2.2x up	N	molecular functions unknown	MGI:2681124
<i>Rrp1b</i> , ribosomal RNA processing 1 homolog B [72462]	2.9x up	N	protein binding, dynamic modulator of transcription and chromatin structure	18081427, 20040599
<i>Rpl12</i> , ribosomal protein L12 [269261]	4.9x up	N	bind 28S ribosomal RNA	9013569