

**Supplemental Table 1. Taqman assays.**

<b>Gene Symbol</b>	<b>Gene Name (Alternate Name/s)</b>	<b>Taqman Assay ID (ABI)*</b>	<b>Size (bp)</b>
<b>Controls</b>			
<i>Tbp</i>	TATA box binding protein	Hs99999910_m1	127
<i>Ubc</i>	ubiquitin C	Hs00824723_m1	71
<i>Actb</i>	actin, beta	Hs99999903_m1	171
<i>Gusb</i>	glucuronidase, beta	Hs99999908_m1	81
<i>Polr2a</i>	polymerase RNA II DNA directed polypeptide A	Hs00172187_m1	61
<i>18s</i>	eukaryotic 18S rRNA	Hs99999901_s1	187
<i>Gapdh</i>	glyceraldehyde-3-phosphate dehydrogenase	Hs99999905_m1	122
<i>Rplp0</i>	ribosomal protein, large, P0	Hs99999902_m1	105
<i>Ipo8</i>	importin 8	Hs00183533_m1	71
<i>Tfrc</i>	transferrin receptor (p90, CD71)	Hs99999911_m1	105
<i>Tfrc</i>	transferrin receptor (p90, CD71)	Hs00951083_m1	66
<i>Hmbs</i>	hydroxymethylbilane synthase	Hs00609297_m1	64
<i>B2m</i>	beta-2-microglobulin	Hs99999907_m1	75
<i>Ywhaz</i>	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide	Hs00237047_m1	70
<i>Hprt1</i>	hypoxanthine phosphoribosyltransferase 1	Hs99999909_m1	100
<i>Ppia</i>	peptidylprolyl isomerase A (cyclophilin A)	Hs99999904_m1	98
<i>Pgk1</i>	phosphoglycerate kinase 1	Hs99999906_m1	75
<i>mPgk1†</i>	phosphoglycerate kinase 1	Mm00435617_m1	137
<b>Targets</b>			
<i>EpoR ‡</i>	erythropoietin receptor	Hs00181092_m1	93
<i>Epo</i>	erythropoietin	Hs00171267_m1	134
<i>Jak2</i>	janus kinase 2	Hs00234567_m1	101
<i>Esr1</i>	estrogen receptor 1	Hs00174860_m1	62
<i>Csf2rb</i>	colony stimulating factor 2 receptor, beta (CD131, βcR)	Hs00166144_m1	73
<i>Cdh5</i>	cadherin 5, type 2 (VE-cadherin)	Hs00174344_m1	66
<i>Pecam1</i>	platelet/endothelial cell adhesion molecule (CD31)	Hs00169777_m1	65
<i>Cd44</i>	CD44 molecule	Hs00174139_m1	73
<i>Vegfa</i>	vascular endothelial growth factor A	Hs00900054_m1	60
<i>Krt5</i>	keratin 5	Hs00361185_m1	133
<i>Hspa1a,1b</i>	heat shock 70kDa protein 1A & 1B	Hs00359147_s1	88
<i>Hspa2</i>	heat shock 70kDa protein 2	Hs00356607_g1	74
<i>Hspa5</i>	heat shock 70kDa protein 5 (grp 78)	Hs99999174_m1	101
<i>Hspa6</i>	heat shock 70kDa protein 6 (HSP70.B')	Hs01671925_s1	80
<i>Hspa8</i>	heat shock 70kDa protein 8 (Hsc70)	Hs00941878_g1	78
<i>Hspa9</i>	heat shock 70kDa protein 9 (mortalin)	Hs00269818_m1	92
<i>Hspa1L</i>	heat shock 70kDa protein 1-like (HSP70.1t)	Hs00987296_m1	87

\* assay IDs denoted with \_m1 are designed to bind to exon junctions

† m denotes murine assay

‡ recognizes an *EpoR* exon 6/7 junction