

**Supplementary table 1. Endogenous RT-PCR controls and their corresponding TaqMan<sup>®</sup> assay and Affymetrix<sup>®</sup> probeset IDs**

<b>Gene symbol</b>	<b>Gene name</b>	<b>TaqMan<sup>®</sup> assay ID</b>	<b>Affymetrix<sup>®</sup> probeset IDs</b>
<i>Actb</i>	actin, beta	Mm00607939_s1	AFFX-b-ActinMur/M12481_5_at, AFFX-b-ActinMur/M12481_M_at, AFFX-b-ActinMur/M12481_3_at, 1436722_a_at
<i>B2m</i>	beta-2-microglobulin	Mm00437762_m1	1452428_a_at, 1449289_a_at
<i>Gapdh</i>	glyceraldehyde-3-phosphate dehydrogenase	Mm99999915_g1	AFFX-GapdhMur/M32599_5_at, AFFX-GapdhMur/M32599_M_at, AFFX-GapdhMur/M32599_3_at
<i>Gusb</i>	glucuronidase, beta	Mm00446953_m1	1430332_a_at, 1448124_at
<i>Hmbs</i>	hydroxymethylbilane synthase	Mm01158417_g1	1426475_at, 1436930_x_at
<i>Hprt1</i>	hypoxanthine guanine phosphoribosyl transferase 1	Mm00446968_m1	1448736_a_at
<i>Ipo8</i>	importin 8	Mm01255158_m1	1426760_at, 1452185_at
<i>Pgk1</i>	phosphoglycerate kinase 1	Mm00435617_m1	1417864_at, 1438640_x_at, 1439435_x_at
<i>Polr2a</i>	polymerase (RNA) II (DNA directed) polypeptide A	Mm00839493_m1	1422311_a_at, 1426242_at
<i>Ppia</i>	peptidylprolyl isomerase A (cyclophilin A)	Mm02342430_g1	1417451_a_at
<i>Rplp2</i>	ribosomal protein, large, P2	Mm00782638_s1	1415879_a_at
<i>Tbp</i>	TATA box binding protein	Mm00446973_m1	1426469_a_at, 1426470_at
<i>Tfrc</i>	transferrin receptor (p90, CD71)	Mm00441941_m1	1422966_a_at, 1422967_a_at, 1452661_at
<i>Ubc</i>	ubiquitin C	Mm01201237_m1	1425965_at, 1425966_x_at, 1454373_x_at
<i>Ywhaz</i>	Tyr 3-monooxygenase/Trp 5-monooxygenase activation protein, zeta	Mm00660262_g1	1416102_at, 1416103_at, 1436971_x_at, 1436981_a_at, 1439005_x_at, 1448218_s_at, 1448219_a_at
<i>18S rRNA</i>	18S rRNA	Hs99999901_s1	AFFX-18SRNAMur/X00686_5_at, AFFX-18SRNAMur/X00686_M_at, AFFX-18SRNAMur/X00686_3_at

**Supplementary table 2. Ranking of variance and equivalence of RT-PCR controls**

Gene symbol	TaqMan <sup>®</sup> data		Affymetrix <sup>®</sup> array data	
	Overall variance	Equivalence	Overall variance	Equivalence
<i>Ppia</i>	1	1	1	1
<i>Gapdh</i>	2	2	3	3
<i>Pgk1</i>	3	3	4	4
<i>Gusb</i>	4	4	11	12
<i>Polr2a</i>	6	5	10	9
<i>Tbp</i>	7	6	5	6
<i>Ipo8</i>	5	8	14	14
<i>Actb</i>	8	7	2	2
<i>Ubc</i>	10	9	8	8
<i>Tfrc</i>	9	10	13	11
<i>Hprt1</i>	11	12	9	10
<i>Ywhaz</i>	13	11	15	15
<i>B2m</i>	12	14	16	16
<i>Rplp2</i>	14	13	7	7
<i>18S rRNA</i>	15	15	12	13
<i>Hmbs</i>	16	16	6	5