Supplemental Table 1

PCR primers and product size, Probes

Forward	Sequence 5'to 3'	Reverse	Sequence 5' to3'	Product size (bp)
1f	AAGTCAGGATCACCAGCCTTT (Unspliced Transgenic AIR)	1r	TACACTCACTAGACCCACCCG Unspliced Transgenic AIR	280
2f	GTTGCAGATGGAGAAGAATGA T1,T2 RACE		Identification of SVI,SVII	259
3r	GCTAATGATTACTCCTAGCGAAAA Identification of SVI,SVII	Ap (M18818)	GTATTTGTGAGCCAGGGCAT Identification of SVI,SVII	SVI:627 SVII:725
4f	CGAGCACTGTTTCCAACAAA T1,T2 RACE	4r	TCCCAAAAAGTTACACATAGGAA	202
9f	GCTTCTGTGTCCTTTTGGC Spliced *AIR* in Wilms' Tumor assay	9r	TGCGCTTCTTATTTCAGTCC Spliced *AIR* in Wilms' Tumor assay	160
12f	AGGGAACACAGGCAAATGTC intergenic primer between *IGF2R* & SLC22A1	12r	TCACAATGATGCCCTTTTCA intergenic primer between *IGF2R* & SLC22A1	556
HB1	TGTGGTGTGCGCTTCTTATT	HB2	GGCAGAGCCTCCTTAGAACC	199
HC1	GCACCAGGGAAAGCCAAAC	HC2	TGAGGAGCGGGACTGAAATA	260
P8HuF	CACGCAGGCCCAGGC Spliced *IGF2R* in Wilms' Tumor qPCR assay	P8HuR	TGGTATCAACAGCTTCCCATGT Spliced *IGF2R* in Wilms' Tumor qPCR assay	85
P8Hu	CCCGTTCCCCGAGCTGTGCA TaqMan probe for spliced *IGF2R*			
H2354F	TCAGATGCAGGAAGATTGGGT	H2354R	AGGCTTGGCATCCAGGTG	63
H2354	CTCACAACAGGGCGGTGGTTGGA TaqMan probe for unspliced *AIR* (AIR QPCR1)			
P4HuSplF	GGCTCAGCCAAAAGGACACA Spliced *AIR* in Wilms' Tumor qPCR assay	P4HuSplR	TCGAACTGGGAGCCATGG Spliced *AIR* in Wilms' Tumor qPCR assay	66
P4HuSpl	AAGCCCTGCAGAGGCTCTGAAACCAA TaqMan probe for spliced *AIR* (AIR QPCR2)			
CYPA1 X52803	GTCTCCTTCGAGCTGTTTGC	CYPA2 X52803	TTCACCTTCCCAAAGACCAC	350
M.m.Gapdh BC083149	CCTCGTCCCGTAGACAAAATG	M.m.Gapdh BC083149	GTGGGTGCAGCGAACTTTAT	1200
H.s.GAPDH NM_002046.3	TGAGTCCTTCCACGATACCA	H.s.GAPDH NM_002046.3	GCCAAAAGGGTCATCATCTC	177
SVI probe	EcoRI fragment in Accession number DQ220010			
Bx probe	600bp BstX1 fragment from X83701			
HBas RPA	PCR fragment obtained from primer pair HB1 + HB2 orientation complimentary to AIR			
HBs RPA	PCR fragment obtained from primer pair HB1 + HB2 orientation complimentary to IGF2R			
HCas	PCR fragment obtained from primer pair HC1 + HC2 orientation complimentary to AIR			
CYPA RPA	Provided with the RPAIII Kit, Ambion Inc.			
18S RPA				

Primers were designed from http://www.ensembl.org/Homo_sapiens NCBI 36:Chr.6:160,000,000-161,000,000, except where indicated. The sequence of the forward and reverse primer pairs and product size are listed. Temp[A], annealing temperature, TM; Taqman primer. Underlined sequences are repetitive in humans but not in mouse.