

Supplementary data

Table S2 – *MTM1* probes in P309-A1 MLPA kit

Probe name	Product length (bp)	Probe location	Ligation site (a)	Partial sequence (b)
12646-L14952	189	Intron 1	c.-11+81_ -11+82	GAGGAGGAAGTT-GGGACTCCTTG
12330-L13333	338	Intron 1	c.-11+529_ -11+530	GTTTCTGTGTCA-TACACGAGAGGT
10741-L12837	208	Exon 2	c.-2_ -1	TAGAGTTTCCAG-GATGGCTTCTGC
12647-L11339	135	Exon 3	c.83_84	AGATGGAGTCAA-TCGAGATCTCAC
10744-L11340	158	Exon 4	c.178_179	ATGGCCCCATTA-AGGGAAGAGTTT
12327-L13330	171	Exon 5	c.271_272	TGGGTGTGATCT-CGAGAATTGAAA
12650-L13723	274	Exon 6	c.396_397	AGCAGAAGAGAT-ATGTTTGAGATC
12328-L13331	256	Intron 7	c.528+27_ 528+28	CTATTGTCTGGT-ATGTGATGAACC
10748-L12835	177	Exon 8	c.655_656	GAGTTGCAACTT-TTAGGTCCCGAA
10749-L11345	327	Exon 9	c.720_721	ACGGTCATTGTG-CGTTGCAGTCAG
10750-L11346	213	Exon 10	c.906_907	GATGCATATCAT-AACGCCGA ACTT
12648-L11347	139	Exon 11	c.1106_1107	TTCAGGGAAGAG-TTCAGTGCTTGT
12331-L13334	365	Exon 12	c.1302_1303	GATGCTGACCGT-TCTCCTATTTTT
12649-L13332	301	Intron 13	c.1467+127_ 1467+128	AGGAATTACATT-AAAGGTATGCAT
10754-L11350	387	Exon 14	c.1616_1617	GAATTACTACAT-TAGATGGAACCC
10755-L11351	310	Exon 15	c.1703_1704	CGACGAATACAT-AAAGCGGCTTGA

(a)- cDNA nucleotide position using reference sequence NM_000252.2; (b)- 24 nucleotides neighboring the ligation site.

The information in this table originally derived from the SALSA MLPA KIT P309-A1 *MTM1* documentation (description version 01; 28-01-2009). We included exclusively the information of the probes that recognize *MTM1* sequences; in addition this kit also contains 11 reference probes for the X chromosome, 8 probes for *MTMRI* and 4 probes for other genes located in Xq28 (*IDS*, *FLNA* and *DKCI*).