

S3 Table: Primer sequences and performance characteristics in target specific assay

Primers	Sequences	Amplicon Location	Amplicon Length (bp)	Efficiency	Error (SE)	R ²	Slope
Ol <i>gapdhrt</i> -F Ol <i>gapdhrt</i> -R	5'- CGGCAAGCTGATAGTCGATG-3' 5'- AGAAACACTCCGGTGGACTC-3'	Chr16	117	1.8	0.09	0.98	-3.9
Ol <i>hprt1t</i> -F Ol <i>hprt1t</i> -R	5'- TCTGGAGAGGGTGTACATCC -3' 5'- GATGTAGTCCAACAGGTCGG -3'	Chr10	154	1.9	0.04	0.99	-3.9
Ol <i>erk2rt</i> -F Ol <i>erk2rt</i> -R	5'- GCAGCGACAGCAGATAGTTC -3 5'- GCCGAGATGTTGTCCAACAG -3"	Scaffold 5487	148	1.9	0.03	0.97	-3.4
Ol <i>prox1rt</i> -F Ol <i>prox1rt</i> -R	5'- ATCTCACCTTACTCAGGCAG-3' 5'-TAAGCATGTTGGAGCTTGGG-3'	Chr24	109	1.8	0.01	0.98	-3.8
Ol pri-miR-181a/chr4rt-F Ol pri-miR-181a/chr4rt-R	5'-GAGTGAATATGAGGGGTTAG -3' 5'-CAAGAACAGAGCTGATGGTG-3'	Chr4	108	2	0.03	0.98	-3.27
Ol pri-miR-181b/chr4rt-F Ol pri-miR-181b/chr4rt-R	5'-GCTGCAGTGTGTTGATGGAG-3' 5'- GTGAGTTTATACCAACCATG-3'	Chr4	100	2.05	0.04	0.95	-3.2
Ol pri-miR-181a/chr17rt-F Ol pri-miR-181a/chr17rt-R	5'-CATGCTTGTGTTGCACAACC-3' 5'-GCTGCGACCTGAGCTGAGC-3'	Chr17	125	2.1	0.09	0.95	-3
Ol pri-miR-181b/chr17rt-F Ol pri-miR-181b/chr17rt-R	5'-CTGCCTGACTTGTGTCTCAG-3' 5'-GAGAGGGGAAAATAGAAGTG-3'	Chr17	100	2.02	0.07	0.98	-3.27
Ol pri-miR-181a/chr9rt-F Ol pri-miR-181a/chr9rt-R	5'- CAATGAATGTCCGAATGTCTC-3' 5'- GCGGAATCCAGTTTTTGTAG-3'	Chr9	97	2.03	0.07	0.97	-3.2
Ol pri-miR-181b/chr9rt-F Ol pri-miR-181b/chr9rt-R	5'- GCAAGCTGCTCTATGAAATG-3' 5'- CCTGATAGGGGTTGACCAAC-3'	Chr9	133	2	0.06	0.99	-3.17
Ol pri-miR-181a/U105rt-F Ol pri-miR-181a/U105rt-R	5'- CAAATGAGGCATCAACCACC-3' 5'- GACTAGAGGATGGGGCGGTC-3'	Ultracontig 105	102	2	0.03	0.99	-3.3
Ol pri-miR-181b/U105rt-F Ol pri-miR-181b/U105rt-R	5'- TGTGAATTTACTGACCTTTG-3' 5'- ACTCGCCAAGAAATATTAAG-3'	Ultracontig 105	96	2.39	0.23	0.9	-2.6