Appendix 4

Primers used to generate paralogue specific PCR products for each paralogue. The products were used to spot on to the microarrays and were also labelled and used to hybridise to the 'Paralogue Microarray'. 'T' stands for the annealing temperature. They were also used in the RT-PCR experiments.

Gene	*Primer*	*Sequence*	*T (°C)*	*Size (bp)*
AIF1	F	TGACCATGCTGATGTATGAGGAAAAAGCGA	62.5	200
	R	GATCTGGAGGAGGGGGTAAT		
AIF1-L	F	TGACCATGTTAAGGGAGGAGAGCAAGCA	62.5	251
	R	CTGAGCCCTTAGCCAGAGAA		
BRD2	F	TGACCATGGAGGGATGCAGGGACATTT	62.5	411
	R	AACAAAGACAGTCCAGGGGA		
BRDT	F	TGACCATGGGGTACCATTGATATGACCCTT	62.5	199
	R	CTGTTTAATCATTTTAGAGCAGTCA		
BRD3	F	TGACCATGGACAGATGGATGTCGCACAC	62.5	425
	R	CAAATGACAAGGACAATGCG		
BRD4	F	TGACCATGGTGAAAGGGACAGGACTCCA	65	508
	R	CAGTGAGAAGCATGCTGTGG		
C4	F	TGACCATGAGAGATGACTCCGCGTCTGT	65	395
	R	ATTCTCCTTCTGCCCCAGAT		
C3	F	TGACCATGCATTCCCCCACTCCAGATAA	65	214
	R	ACATGAAGGTGAGGCAGGTC		
C5	F	TGACCATGTTGCACTTATGGACTCCTGTTG	65	352
	R	GATCAGTTTCCTGTTCCTTGGT		
CLIC1	F	TGACCATGAAGTACCGGGGATTCACCAT	62.5	310
	R	CTTTCCCTCATCCCCTCTTC		
CLIC4	F	TGACCATGGGAGATTGGAGTCTGAATGGA	65	384
	R	AATGGGTTTAAGGGCACAGA		
CLIC3	F	TGACCATGGTACGCCGCTACCTGGAC	65	153
	R	CCCGACAAAGATGCCTTTATT		
CLIC5	F	TGACCATGTGTTGATGCCAAAATACCCA	65	427
	R	GACCACCTCCTAAATGTGGC		
CLIC6	F	TGACCATGTGTGGCCAAGAAGTACAGAGAT	65	146
	R	TTGCAACATCTGAATATGCG		
CLIC2	F	TGACCATGGAATTCTCAGGAGTCTGGCG	65	350
	R	GCAGTGGTTTGCCATACAGA		
GPX5	F	TGACCATGTAGCAATGGGGTCACAGTCA	62.5	277
	R	TCCTCTCCAGGTGCCATAAC		
GPX4	F	TGACCATGTCCACAAGTGTGTGGCCC	62.5	186
	R	CACAAGGTAGCCAGGGGTG		
GPX3	F	TGACCATGTCTGGGTCTACCACACTCCC	62.5	329
	R	GAGTCTCAAGCCAGTGGACC		
GPX1	F	TGACCATGCTCTTCGAGAAGTGCGAGGT	62.5	439
	R	ACTGGGATCAACAGGACCAG		
GPX2	F	TGACCATGTCCTACTCCATCCAGTCCTGA	62.5	256
	R	CTTCACGCCTCTCAGACACC		
NOTCH4	F	TGACCATGCATTAAAAGGCAGGCTGGAA	62.5	475
	R	CATCCCCACAGTGGAGTTCT		
NOTCH2	F	TGACCATGATGAGGAGGACAACACTGCC	65	395
	R	GCATCACAGCCAATTGCTTA		

NOTCH1	F	TGACCATGCAATACTGCATCCATGGCCT	65	244
	R	GTCCCTGAGCAACCATCTGT		
NOTCH3	F	TGACCATGATGTTCCATAGCCTTGCTGG	65	294
	R	GGGAATTCAGCTACACAGGG		
PBX2	F	TGACCATGGCAGGGCTGGACTCAGTAAT	62.5	409
	R	CACTTCCAACCTGTCCCAGT		
PBX1	F	TGACCATGCAGGAGGGAGGGTTTCTCTC	62.5	267
	R	TCAGTGATATGAGAGAGGGCG		
PBX3	F	TGACCATGACCGAGTGTGGAAACATTGG	62.5	328
	R	TTCAATCCAGGGTGTAATCCA		
PBX4	F	TGACCATGAAGTTTGGGGGATAAGCAGG	62.5	288
	R	GAAAATCTGTGCCCAGTCCTA		
RXRB	F	TGACCATGGCCTTCCTCCTCTCAAACCT	62.5	263
	R	CTCCACCACTGGCATTTCTT		
RXRG	F	TGACCATGCGATCTAGAGGCAGATTCCTGA	62.5	231
	R	CATAGCCTGCGGGAAACTT		
RXRA	F	TGACCATGTATACTTGGATATGGCGGGG	65	299
	R	CGGAGAAGCCACTTCACAGT		
TUBB_6p21.3	F	TGACCATGACCAACCAGGTGCTGAAAAC	65	242
	R	TGGAGGGAGATTGAAAGTGG		
TUBB2_18p11.3	F	TGACCATG TTCCTTCTTGAACCCTGGTG	65	225
	R	TTTATTTTGTGGCCCCTCAG		
TUBB5_19p13.3	F	TGACCATGCTGAATCCCCTCTGACTCCA	62.5	293
	R	CCTCTCTTCCTCACAGGCAC		
TUBB4QL_10p15.3	F	TGACCATGACAGCATCTGGTTTTGCCTC	65	130
	R	CCACTGGAATGCTTGTTCCT		
TUBB4_16q24.3	F	TGACCATGCAGCTGGAGTGAGAGGCAG	65	201
	R	GCCTGGAGCTGCAATAAGAC		
TUBB1_20q13.3	F	TGACCATGTGCACTCACCATTAGCTTCG	65	396
	R	TAGTCAGGCACCTGGCTCTT		