

Supplemental Table 1. PCR primers and conditions for amplification of BARD1 from cDNA or genomic DNA templates

region/exon	BARD1 Forward primer (5' --> 3')	BARD1 Reverse primer (5' --> 3')	template	[MgCl <sub>2</sub> ]	Annealing Temp.	Morphs
UTR/N-ter	R135S:GCGAGGAGCCTTTCATCCGA	R135AS:CGAGCGCGGCGGACTGT	cDNA	1.3 mM	59 C	polymorphic
RING-domain	F2:CCATGGAACCGGATGGTCG	R2:CATGCTGTCCAGTTGTCTATTT	cDNA	1.2 mM	60 C	monomorphic
	F3:GTGACTGCATTGGAAGTGA	R3:TTATTGCAGGCTGGGTTTGC	cDNA	1.7 mM	58 C	N/A
	F4:GGTTTAGCCCTCGAAGTAAG	R4:GCTACAGAAGGATACCAGCT	cDNA	2.0 mM	58 C	monomorphic
	F5A:GAAGATGGTGAATTTGACTCC	R5A:TCACTACTTCATTCCTGCTCT	cDNA	1.3 mM	58 C	monomorphic
	F5B:TTGGCTGAGCAAATAGAGTC	R5B:AGGTGGTGAAGAACATTCAG	cDNA	1.4 mM	56 C	polymorphic
	F5C:ATTCTGAGCACCAGTGAAGA	R5C:ACAGCCATATTGGGCAACAG	cDNA	1.8 mM	58 C	polymorphic
ankyrin-repeats	F6:GTCCCTCAGCAATGAAGCTG	R6:CCAATGCCTTATGCTGGAGC	cDNA	1.2 mM	60 C	monomorphic
ankyrin-repeats	F7:GCATGAAGCTTGAATCATGG	R7:AGCGATTTTCATCTTCATC	cDNA	1.2 mM	62 C	polymorphic
	F8:ATATTTGGTCTGCGGCCTGT	R8:CTTTGAACTGCATCACCAGG	cDNA	1.8 mM	58 C	polymorphic
BRCT-domain	F9:GAGTTTGACAGTACAGTAATC	R9:CTTGGGCTTCTACTGAGGAT	cDNA	1.3 mM	60 C	polymorphic
BRCT-domain	F10:CCTTATTAAGCTCGTCACTGC	R10:CTCAGAAACCGTGCAAATCAA	cDNA	1.6 mM	60 C	monomorphic
exon 1	R135S:GCGAGGAGCCTTTCATCCGA	IN1R:CCACCCCAAGAAGCTCC	genomic	0.8 mM	58 C	monomorphic
exon 2	IN1F:GGTGTGAGATGTTTATCTAAC	IN2R:GTTGTAATATATACATCAAACC	genomic	2.0 mM	56 C	monomorphic
exon 3	IN2F:TAAATTCTGCTGAATGGGTTG	IN3R:GAATTTAACTAAGAGATAGG	genomic	2.0mM	56 C	monomorphic
exon 3	F6:GTCCCTCAGCAATGAAGCTG	IN4R:GAGATGGTATTTTCAGAGTAAGC	genomic	2.0mM	60 C	monomorphic
exon 4	IN3F:GGAGCTCCATGTGGGAGC	EX4R:CACTGAAGCTTTACTCACAAC	genomic	3.0mM	58 C	monomorphic
exon 5	IN4F:ATTTTCCTTTCTTCTTAATTGC	IN5R:CTGTAAAACACAGAAAGAATGAG	genomic	1.4 mM	58 C	monomorphic
exon 6	IN5F:CTCTTTCTTATCACTTCTTTCAC	IN6R:CTTGACTCAAGAATATAGGTCC	genomic	1.8 mM	58 C	monomorphic
exon 7	IN6F:ACTTACTTAAACACATCTGCAC	IN7R:GTCCCAAAGCTAAATCCATAC	genomic	1.8 mM	58 C	polymorphic
exon 8	IN7F:TCGTCTAATGTTTTAACAATG	IN8R:CACCTCCCAAATTCAAAATC	genomic	1.8 mM	56 C	monomorphic
exon 9	IN8F:GTATCTTTCTTCTCTTACTGC	IN9R:CATTCTTAATCTCTCAAATCC	genomic	1.8 mM	58 C	monomorphic
exon 10	IN9F:CTTAGTTTGCTTTAATTCTTGTG	IN10R:TCATAATAAGAACAATGAAAGTTG	genomic	2.0 mM	56 C	polymorphic
exon 11	IN10F:CTGCCTTAAACAAATGTTTCTC	EX11R:GTCTCGCATGGTATGCGAC	genomic	1.8 mM	58 C	monomorphic
exon 11	EX11F:CAGTGACGTGACTCAGACC	IN11R:TTCAATTTGAAATGTTTCTCTGG	genomic	1.8 mM	58 C	polymorphic