

Table E3: List of the primers used in PCR amplifications

Exon*	Primer	Sequence
1	DNAI1-X1F	CCTAAAGAACCGTTGCGACTGG
	DNAI1-X1R	GGAGAGGAGGCCGGGATTA
2	DNAI1-X2F	CAGGAGCCTCCCTGAAATAC
	DNAI1-X2R	AGCATCTTGCTGAGAGACCA
3	DNAI1-X3F	CCTTTGGCTGTTAGTCCTAAAC
	DNAI1-X3R	GGCAAGCTCCTAATCATGT
4	DNAI1-X4F	CTGAGGGATCCTTCTAAGCC
	DNAI1-X4R	AGACTGCAAGGGAGATTCATAA
5	DNAI1-X5F	TTTGATCTTAGAGAATGAAAGCAGA
	DNAI1-X5R	TCTGAAAAGTTCTGGCTTAGAGG
6	DNAI1-X6F	GAGGTTGCAGTGAGCCGAGAT
	DNAI1-X6R	ACCCAGAGGATCAGGAATCAGC
7	DNAI1-X7F	GCAGCATCACTCTCTCCTACCTCT
	DNAI1-X7R	CTTTGCCAGCTGGTCTATCACA
8	DNAI1-X8F	CACCCAAGCCCCCTTTACTTCC
	DNAI1-X8R	CTGTCTCATGTGCCTGGTGTTTCA
9	DNAI1-X9F	TAATTCCAACAGGCCAAGTAGAAG
	DNAI1-X9R	CCAGATCCTATAAGCCGTTGC
10	DNAI1-X10F	TGTGCCACTTGTGAGGTAGGA
	DNAI1-X10R	ACTCACTAGTCAGGTGGCCTTAGC
11	DNAI1-X11F	GACATGGCCGGTGTATTGT
	DNAI1-X11R	GTCATACTCAAGGTGGTTAAGTGC
12	DNAI1-X12F	TGTCTGTAGTATATTTAGGCACCA
	DNAI1-X12R	CTTCATATTCTGCCATATTCC
13	DNAI1-X13F	CACAGATGGAAAAGATGAATCCC
	DNAI1-X13R	CTTCTGAGTTACTGATCGCCACAT
14/15	DNAI1-X14F	CCCACAGCCCTAACTCAACA
	DNAI1-X15R	CTGTCACTGACCCTCACTGG
16	DNAI1-X16F	CCGTTTGCAGAATCCTAACTG
	DNAI1-X16R	CCTTCTAGAACTGACGGGAATAA
17/18	DNAI1-X17F	GCTGGGATGCGATGTGGGTTA
	DNAI1-X18R	ACACAGTCCTTATGTCCCGCCTTC
19	DNAI1-X19F	GCTCCAGTGTGCTAGCCATTAG
	DNAI1-X19R	GCAATGACACCATCCTTACCC
20	DNAI1-X20F	CTGTGTCACCTAACCCGAGTTG
	DNAI1-X20R	AGGGCCCTGTGGTAGCAC

*primers are localized within the flanking intron sequences