

Additional file 1

Primers

| Amplicon (exon) | Forward | Reverse |
|---------------------------|---------------------------|----------------------------|
| c.1A>G (E2) | TCTGCTCTGGGTAAAGGTAGTAGA | GAAGGCCCTTTCTTCTGGTT |
| c.1961del (E11) | GGAAGTCTTCTACCAGGC | TTAACTTCAGCTCTGGGAAAG |
| c.2311T>C (E11) = SNP | CCTAGCCTTCCAAGAGAAG | CCATGAATTAGTCCCTTGG |
| c.2359dup (E11) | CCTAGCCTTCCAAGAGAAG | CCATGAATTAGTCCCTTGG |
| c.3331_3334del (E11) | GTAGGTTCCAGTACTAATGAAG | CTGAAATCAGATATGGAGAGAAATC |
| c.3481_3491del (E11) | CCATATCTGATTTTCAGATAACTTA | GATAAGTTCTTCTGAGGACTC |
| c.3661G>T (E11) | GCAGGAGTCCTAGCCCTTTC | GGTTACTGCAGTCATTTAAGCTATTC |
| c.4327C>T (E13) | GACTGCTCAGGGCTATCCTC | CAGACACCTCAAACCTTGTCAGC |
| c.4391_4393delinsTT (E14) | GACTCTTCTGCCCTTGAGGA | AAGGGGATGACCTTTCCACT |