

S1 Table. Primer information for SNP and AS validation.

Gene	Validation	Forward primer (5'→3')	Reverse primer (5'→3')
RSP31	SNP	GAAGAGGTGGCTACGGGAGG	CGTGGGCATTGAGTTTGAGG
H4	SNP	AAAATCATCACAGGCGAAAT	AGAACCATAGCAGGAAGCAC
Y4372	SNP	CCGAGGTTCTTGTGCTTGAC	TTGGTGGTTGGAGATGTGCT
FRO8	SNP	ATTTCTGCTCGCATCTTCCC	TGTTTCCTTGCTCAGCCTTC
SDHF2	SNP	GGGGTCCGTTTGTTCGTAG	AACTGGCTGGTCGTCTCATC
NNU_25229-RA	IR and AE	TCCTCTATGAAAGGGATTGC	GTGCTGGGTCGTTTGTAAGT
NNU_21858-RA	IR	CAGGGAGGAGCTAATGTCGT	ATGTCTCGGATTTTCAGGTGG
NNU_24367-RA	IR	TGTGCCACTCCGTGCTTATT	ACCTCTGCCGTCCATTCCTC
NNU_17825-RA	AE	AGGTGGTGGATGAGAAGTAT	TGTGGAGTATCGTGGAGTGA
NNU_13286-RA	ES	TGATGGACCAGTAGGAGGAC	ATTAGCCAAGATGCTGAAAA