

Supplementary data 1. Primer sets used in the present study.

Primer	Length (bp)	Primer for PCR	
		Forward-5'	Reverse-3'
1	1494	ACTTAAGATAGATATTAATATATATC	TCAGCTTTTGTGRTCAAGCA
2	2474	GGAACCTTGTCTTGCAAGYA	CCACAAAAGTCTGCAATTG
3	1595	GCATTGGAYGARTTTAAAGA	TCACAACTGATTTRATACC
4	1457	GYCAGTTTGGAYRATCTTAC	AGCYRCCAGCAACTTCA
5	1812	GGATRTAACATGTGAAGTKT	TCATTAAYAAAMACCCATTG
6	1361	AGCTATTGTAGRGGTAGTGT	CCAGTGTGTAATGCATTAGG
7	1458	CCCTGTACTATGCGYTCTA	GTTGTRCAYTTTACATCACT
8	1586	GATCAATATAGGTATATGTGT	GCTATRTGKGTCTACAATA
9	1540	CAACCTTTAGGTAAYTGTGT	AARCAAGAMGTTCTAAGATC
10	1549	ATAGCTACTTGTGGCTATCA	GCTCCATAACAGCYACAG
11	1688	GCCAAACARGGTCTGTWGC	TCACCTACATACACAACATA
12	1391	AATGACACAGGCAAAAAGTA	GCTYTAGAACCRCAAGAAACA
13	1463	GTTTCAGATTGYGTAGTKTTTGT	CGCTRTAACACTGTGTAGA
14	1521	GAAAAYATTCGCACACTRCCA	TTGCGTGCAGHGTTTTTCCA
15	1845	ACAGAGACAAGTTGGCAYGA	CCWGAAMACTACAACCTGYTG
16	1799	AAGAGYGRGTGGCTCTCGTA	GTAACATYATCTCCTGCAGT
17	1607	TGCACCTAATGGYATAGTGT	GTAATATCGCTGCGACAAGA
18	1735	TGWTAGTGTATGGWGCTTT	GGAATGAARTCCCAACGGAA
19	1220	ATGGTATAGTGTGGGTGTCT	TGSTCTAACTCTAWACTAGC
9106			
9106-1	1487	ACTTAAGTGTGATATAAAATATATC	GTTTGGTCAAGCAGTGTTAGG
9106-2M	1580	GTC AATTGTTGTCCTAGCAGC	CACATGTAGCTGTTTAAAC
9106-2M-2	755	GAATTCATGGAGACTTGCTCTTC	GTCTTGATAAGAGCCAAACAC
9106-2,3 linke	471	TTCTGATGTTCTAGAGAAG	CGCCATCTACAAGAACATTC
9106-3M	598	CCGCTCTGTTGTTGTA AAAAC	GGGCAATTTGAATTTGCGTC
9106-5	1629	CTGGACTGGTTGTCAAAC	AAGACAATGGTCGCATAAGC
9106-5M	1059	GGAAGCATGAAATGTGAAC	GGAATGTACCAAGGTTTTCCG
9106-7M	760	TCTCACTGCCTAAGTGGTTG	CCTTCTGTATATGCAGTAAG
9106-8M	551	CACATACCATTATGTCTG	CATGCTACATTATCCACC
9106-8,9 linke	543	CTTACAGCTTAAAGGGCATG	ATCAGGATCACATCCACTAGC
9106-9M	501	AGCGACCTTTGATGTATG	GGTTCCGAACTCAATAGC
9106-12	1713	CACTGCATGTTCTCATGCAGC	ACAACCGCTCATTATAGCATC
9106-18	2159	CAATCCGGAATTTGGAACAG	CTTAGCCTTAGTAATGCGGAG
9106-14M	1441	GCTACCTAACACACTAAACAC	GCACTTTGGTAGTAGTACAC
9106-16-N3	616	TGGTCTGTCTGTGATAAC	CGTAAGAATAGCACTCTGC
9106-16-N3.4	363	GGTAGTGAAGACATGTTC	CCACCATTTTGACAACCTCGTC
11045			
11045-1	1487	ACTRAAAATAGATATTAWTATATATC	TTGCGATGCCACGCACAACAACCTGTGTA
11045-2-second	2069	GATGGTGTAAACACCAGATAAAATG	
11045-2-third	1375	GATGTTGAAGATCTGGGTGTTG	
11045-2M3		GGTTCCTGTTGTTGAAGAGTATC	CTCAATGTGTTCTTGACTCAGAG
11045-5	2141	CATTATGTCTCCTGAAAGTTGC	ACCAACAAAACCTGTTGCCATC
11045-second-F		CACACAGTGGCATGCATTGG	
11045-third-F		GACACAGACTGAGCGAAGACC	
11045-5-R2			CCACGGTCTTCGCTCAGTCTGTGTC
11045-5M	999	CTAATGTTGTGCCGTCATATGG	CAAACTACTCCTCTACAATAGCTG
11045-8	1997	GTGCACACAACCTGTGTTGGC	CCATGACCTATCCAACACTGAC
11045-8M		GCTACAGTGCAATCTAAAATTGAG	
11045-9M	468	CGTAATAAGTGTGCACTGTTTGTG	GTATACTTAGTAAGTCGTTGCC
11045-11M	842	GTATAGGGCTCCTACAACCTTAC	CCTACTAAATGGTATAATGGAATG
11045-12,13 li	527	CAAGTAGGATTCTCAACTGGTG	GTTGTTAATTGCAAGGCAACGAGTC
11045-14	1657	GATCAAGGTATTGAAAAGGCAG	CAAATGTACTATAAGCAGAGG
11045-14M	681	AGCGTGTGTTACGTTACCTAAC	CATGTTATGCGGCACACACATTTG
11045-18	2563	CAGGTGAACAGTTAGTACAAC	GTACGCTTACAAAATCTGCGATG
11045-18M	835	GGTCACTGGCTTGTCAAATG	GATAAATTCGCGCTTTCTTGC
03342 and D7905			
NVQ-6-2T	1976	CATCTTGCCCTCACAGGTCATC	GTGCAACCAGCAAAGGCTTC
NVQ-6TM-3	1307	GTTACTTTGGAGATACTAC	TTCTCACGCAAGTACTGTC
NVQ-6-3M4	457	GTGAAAGTCTCTACTCTGTTG	GCATTTTCCAAAAGTAGG
NVQ-6-4	1510	GTCCTTACTCTGTTGTTAAACAG	GTGTTTTGGTGACCATAATC
NVQ-6/36-5	1552	CTGAAAAGCTTAAACGCCATG	TACTCACATACACTACCTC
NVQ-6-7M8	481	TAAGTGTGCTAAGTGGATGTTG	GCATTAACAACCCAACTAAC
NVQ-6-8M	556	GGTTGAGGTTGTTTACTTG	CAACGTAATAAGCATACCCAAC
NVQ-6-12	1482	GCTCGTGTGTTTACTGTC	GTCAAAATCAGCTACCCAAC
NVQ-6/36-14	853	GCACATGTTTCTGTGCTTTTACG	AGCGCAAAGTAGTCAGTTCTAG
NVQ-36-1M2	1267	CAAAAATAACACCTGGTATCCC	GTGTGCACTACAGAATTTGAC
NVQ-36-2M3	1883	GAGAAAGCATTTGGCATCTTGTG	GTAGATGACCTGTGAGACAAG
NVQ-36-2L3	1701	CACCTGAAAAGGTTTTGTGCAC	CGTGCTTACAAGAATGTTCTTG
NVQ-36-3		GCAAAGACTTGTACACCTTCG	CGAAGGTGTGACAAGTCTTTGC
NVQ-36-3M	1232	GCTTACAAGAATGTTCTTGTAG	CCTGCACTTAAAGACTATCATAG
NVQ-36-4			CAAAATCATCAACCAAGCACGC
NVQ-36-6M7	819	GAGGTTGCAACTCAAAATGGTG	ACAAGACAATAGCACACAACAC
NVQ-36-8	2455	GGATACTTTTCTGTTGCCTAC	AGGCTCGCTTTACAACATC
NVQ-36-8m	2320	GATACTATGTTACCATGGATG	CGCTTTACAACATCAGGATCAC
NVQ-36-89R			CAACATCAGGATCACATCCAC
NVQ-36-9M1	543	TGCCGAGATTGTAGTGATGAC	CTTAGAAGTCACTTCTAGAC
NVQ-36-10	2100	GTGATGACAGGTGTTTGATAC	AGTATGACATACCTCCGAGGTAC
NVQ-36-11M	797	CTAGTGTGAAAGTGAGAGAAAGTAC	GTGAACCATTAAGTAAGGTACG
NVQ-36-11n1	798	CTATCATGGGAGCCAGGTA AAAAC	ACAAAACATAAGGTTTGTGACAAC
NVQ-36-17M	1160	GGCACAGTCTAGACTAATGTTAG	CTACTTCTCCTGTTGTCTACAC
NVQ-36-18	1457	GAGTGTGTTTGTAGTCTTTTGC	TCTACTTGGAACTCTACACC
NVQ-36-18M			CCTTGAAATTTAGGAGCAGGTG
NVQ-36-19	1472	GCAACATGGATACTGGAGACC	CTAAAATTTAGCTCTTCC
8065			
8065-9MF		GTGGTACTGAAGATGGAATC	
8065-10MR			GAAGCTGGCGTATATCAAAC
8065-17m18F	942	GATGTCCAACGAGACAAAATTG	CATAACCTGCAACAACTTTC
8065-18m19F	955	GGATTTACAAGCGTTAAGAG	TGCTCTACTAGATGCTGC
10043			
10043-3M4		GATGAAAACGCTGTAGGGAC	CAACACTAGATCCAACAAC
10043-6M7		CAGGCTGGTTTTAAGAACTAG	CTCATCTTCAAATTTATTTG
10043-8		CTTTGAGTTGGTCCACACTAC	CTTAGTAAGCCGTTGCCTAC
10043-9M10		GTTCCGAAACCTTATGGTTG	GAATTTGGTCTTCAACCTTG
10043-12		GTAGGTAAACAGAAGCGTAC	CATACAAAGACCGTCAGCAAAC
10043-18		GTTTTCTGACAGCAGTTTAC	CTTAGTACGGGACCAAAGAC