

附表 1 候选 SNP 的扩增引物

Supplementary table 1 Amplification primers of candidate SNP

引物名称	引物序列(5'→3')	退火温度/℃
SNP01-F	TTCGAGCAAGACCTGTTAGG	55.8
SNP01-R	TGGGTTTTGGAAATACATCATGGT	55.3
SNP02-F	GCCTCAAGCTTTGCCCATG	57.0
SNP02-R	AGGATGGAAGGTGACGATACAT	55.3
SNP03-F	TGTTTTATGACATTTGGGTCAT	51.6
SNP03-R	GTCTAACTAAAAGTATCAAAGG	49.8
SNP04-F	ACACCCAACTAGTTGAAACAAAGT	55.4
SNP04-R	TGCCGTCGTCTGGTTCTATG	56.9
SNP05-F	ACCAACATCCCTTGTGAGCAC	57.6
SNP05-R	ACCATCTCCACCACTCTTCAT	55.2
SNP06-F	TGTGTTTGGAATTGGCAGT	55.2
SNP06-R	ACTAGGAGAAAGCACAGACCT	54.9
SNP07-F	GCAATGGTCGGTTGGTACAC	56.5
SNP07-R	GGGCCACTTTGTCTTTTCC	56.8
SNP08-F	TTGTGCTGCCTTCTGTGCT	56.8
SNP08-R	CAGCCCATTAACACACCAACAT	56.1
SNP09-F	GCCTGCGTTCTCTTTTGC	57.7
SNP09-R	AGATTTAGGGCACACTAGCTAGT	55.2
SNP10-F	GAGTGGGAAGAAGCCAGGTG	57.3
SNP10-R	GATATGGGAATCATGGTTGGCG	56.2
SNP11-F	GACGGCTAAGGTATACGGC	57.1
SNP11-R	TTAATTCGGTTGGGCTCGCT	57.0
SNP12-F	TCCCACTATGGCCACTCCTC	57.6
SNP12-R	GTTCTGGTGGGGTTTGTAAATGG	56.1
SNP13-F	GGAAGTCTCCTCCCCTTCCT	56.8
SNP13-R	TGGAAATAACGCAAGGTGATCG	56.1
SNP14-F	AGCATCACTAACTGGAGTCACT	55.5
SNP14-R	ACCACCAGATCAAAGTGAAGG	54.7
SNP15-F	CTCCGGTCCACGTTTGTCAT	57.3
SNP15-R	GCGTCTTCGAACTTCAAGGC	56.9
SNP16-F	TGTCTGCTCAGGAACGATC	54.1
SNP16-R	TCAAAAGCTTCTGAGTTCATTTAGT	53.5
SNP17-F	AGAGGTCCTGCAGCACAAAT	56.5
SNP17-R	AGTGTTGGCTTACATTGGGC	55.7
SNP18-F	CATTGGGAAGGTGCTCGAG	57.7
SNP18-R	TCCTTGCGCCAGTTGTCTCAT	56.8
SNP19-F	TCGAACATGAACAATTCCAGCAC	56.7
SNP19-R	ACAAATAGTTTGCGGGCACAC	56.9
SNP20-F	CGTGGTGGCCTTAGACAAATT	55.7
SNP20-R	CCAGTTCGCATGGTACCTAC	55.1
SNP21-F	TTCACCGCATTCCAACCTC	52.7
SNP21-R	ATGTGTTTAAATTGTTTCTTGAC	51.9
SNP22-F	TGCTTCCATCAGTTCCTGC	54.9
SNP22-R	TGACAGTTGTTGGGACTTCATC	55.2
SNP23-F	AGACATTATGTCCCTCCCTATGT	54.6

附表 1 (续)

Supplementary table 1 Continued

引物名称	引物序列(5'→3')	退火温度/℃
SNP23-R	ACTAGGATTGAGGGTTCCGCC	56.1
SNP24-F	TGCCTTCTTCGCTTGATCAC	57.8
SNP24-R	GAAGCTGTACTGCCGAGACAT	57.0
SNP25-F	CCTGTATATTAGAAGAAGCCAGAGG	54.6
SNP25-R	TGGCTGCTGGTCGATTAC	55.0
SNP26-F	ACAAGCTAGTGCCAATTCTGAGT	56.8
SNP26-R	ACCTGAGCATGCAACCAAGT	57.1
SNP27-F	GTGAGGTTGAAGATGTAGTTGC	54.1
SNP27-R	CACAGGTTGGGAGGTCGAT	56.1
SNP28-F	CACCTGGGTCTCTCCAGCT	55.7
SNP28-R	ACAGATTAAAGCTAGTCAAACACAC	54.2
SNP29-F	ACGGCTATATCTGAGTCGGTG	56.0
SNP29-R	TACCCAAGCCTGAAATTGTGT	54.5
SNP30-F	AGAGTTGCTCTGAGGCAC	53.9
SNP30-R	ACATGGCTTCCAAGTTATGAC	53.1
SNP31-F	GGGGGAAATGAACATATCTGTAC	53.3
SNP31-R	AGGATAAGACAGAAAAGAAATGTAC	51.4
SNP32-F	TCGTTGTGGGGACAAAACC	55.9
SNP32-R	TCCTTGTTCCAAGTGCAAGAC	55.5
SNP33-F	AGCAAGATCCTCACTAGGGGT	56.7
SNP33-R	GTCTGGCCATACTGACCTGC	57.5
SNP34-F	CCCTTTTCCATTTCTGCTGC	55.7
SNP34-R	TCAGTCATTCAATGCTGGTAGG	54.8
SNP35-F	GGGCCGCTACCAATTAG	54.9
SNP35-R	AACCCCTTACAAAACCTCTCTC	52.6
SNP36-F	TGGAGAGTACCATTTCCGT	55.0
SNP36-R	GAGGTGAAGTGCTCAAATCCC	55.8
SNP37-F	CCTGACCTTCTATTGGCCGT	56.4
SNP37-R	TGTCATGAGCTTTACATGCCTG	55.7
SNP38-F	CCAACATGTGACCAGCTATGC	56.5
SNP38-R	ACGATTTGTTTCAGCCTTTTCC	55.2
SNP39-F	TTCATGAGGCAGGGAAAGGC	57.3
SNP39-R	ACAGCTTCGAAACACCACC	55.5
SNP40-F	GGTTGTTGATCAATACAAGGTAAAT	52.4
SNP40-R	TTCCCTCTCCGAAAGTCATT	55.5
SNP41-F	CCAAAGGAGCCGATGTCAGAT	56.9
SNP41-R	CGGGTCGGAAGGGTTTCTC	57.7
SNP42-F	GAAACCGACAAGGCTCCAG	55.7
SNP42-R	AGGGCTGCTGAGTTTGTCAT	56.5
SNP43-F	GGTTATTTGGCTTTGAGGGTCAC	56.6
SNP43-R	CAAGCATGGAAGTGAACCTCT	56.0
SNP44-F	TCTACCTTCGGCCTTGGTTTC	56.8
SNP44-R	TCCCTTCTCCTTTTGTACCCT	55.2
SNP45-F	CAGGTCACGGGTAAAGTCGT	56.7

附表 1 (续)

Supplementary table 1 Continued

引物名称	引物序列(5'→3')	退火温度/℃
SNP45-R	TCTCACAAAGCCTGCGACTC	57.3
SNP46-F	TGCAAATAACCCCATGCC	55.5
SNP46-R	GGTATTGACTACAATTTTATCTGCAG	53.0
SNP47-F	AGCGAAAATTCAGACACCATG	54.0
SNP47-R	AGGGTGGCTTATGTTGTATTCT	53.8
SNP48-F	TGGAAGGAAATGGAAAACAAGG	53.7
SNP48-R	AGGCTATAACCAACAGACATAGTG	54.5
SNP49-F	GTTGAGCCGATAGAATAGGGAT	53.9
SNP49-R	TCTCACCTCGGTATGTAGG	54.6
SNP50-F	CTTAGAGATTAGAGGTGAAGAGAG	51.8
SNP50-R	AGTGACAGCCCATATAAC	52.1
SNP51-F	TGCATTTTCATGTTCCAGGTGC	56.6
SNP51-R	TGTGGGAGAGATCAAACCGC	57.0
SNP52-F	TCTAGTCTTTGGAGAAGGTGTT	53
SNP52-R	ACAGTTGAGGTAATGTGGGAG	54.1
SNP53-F	GCTGGGTAAGTCACTGAGC	55.1
SNP53-R	ATTTCCCTCGGTGGCATTGT	56.9
SNP54-F	CCTCACGCCATCAGATCAAG	55.5
SNP54-R	TGTCTCTCGATAACCCCTGA	56.0
SNP55-F	TTGAGAATTTCCATTTACCTGCC	53.9
SNP55-R	CAGTTGTCCATTCGGGTCG	55.8
SNP56-F	TACTCGGACACTTTCTGGGC	56.4
SNP56-R	CCAAGTGGGCTGGATATAGGC	57.1
SNP57-F	CTAATGCCCTCCAACGGTC	55.1
SNP57-R	ATATGTATCGGTGGCGTGGG	56.7
SNP58-F	GGATATGGTGAGGGCCGTG	57.1
SNP58-R	CCTCACCCGAGAAACCATT	56.6
SNP59-F	AGCAAAGAATTGAAGAAAGAAAGAG	52.9
SNP59-R	GAGATTTTCAATATCCTGCTCAATC	52.7
SNP60-F	CCTACTTTTGGCAAGGCAGG	56.1
SNP60-R	GCCATTTGACTTCTAGCTAGGC	55.8
SNP61-F	CTGCACAACACTCTGCTTTT	54.2
SNP61-R	GACAAGACTATGGTATTGATCCTTCA	54.7
SNP62-F	CAGTAATATGTTTCAGGGAG	47.7
SNP62-R	GTGTTTATTTATTATCTAATATACAC	45.1
SNP63-F	CTATTTTGATGACTCATTTTACCGCT	54.6
SNP63-R	TACAATGTGTTAACGTATGACATGCA	55.9
SNP64-F	TCTGGGTTGGGGCTAACGT	57.9
SNP64-R	TTAGAGAGCTTTGATCAATCTTCAC	53.5
SNP65-F	GCAAGAGTGGAAGGAATTTGTT	54.1
SNP65-R	TGCTAACTTTAGATACGGTAGAGTCA	55.4