

Singleton, BMB marker	SequenceID (BAC Clone ID)	Left Sequence	Right Sequence	Expected Product Size	Motif and repeat length	PCR program
BMb625s	PV_GBa0003H21.f	CCACCAGAGATAGACAGAGC	CAGCACCGTTACACAAATTA	280	(TC)10	55-47
BMb626s	PV_GBa0003O01.r	AATTATTATGTTGATGTTTCGAT	TTCGGAGAAGAGAGAACAAA	296	(AT)13	50-42
BMb628s	PV_GBa0007E16.r	TATTTGCAAAGCGAATATGA	ATCATTACAAATTCCTCCGT	228	(ATA)6	52-44
BMb629s	PV_GBa0008N04.r	AAGTATCCTCAGATGGCAA	CAAATATGGCATGTCAGTTG	241	(AT)17	54-46
BMb631s	PV_GBa0009C05.r	TTCCCTTGAGAGGTTAGTGA	TCTGCGTGAAGTACTCAGTG	269	(CTT)7	57-49
BMb632s	PV_GBa0009N16.r	TGATTGTTTACACATAGAGACAC	AGGCATTAAATGGGTGTATG	269	(TA)16	54-46
BMb635s	PV_GBa0012I03.r	ACAAACAAGACCAGGCTTTA	AGAGAACTTATGGTCACCCA	277	(TA)12	56-48
BMb638s	PV_GBa0014B24.f	CATATTGAATTTACCACGCA	ATGAAGTTTGTGCTTCGAT	216	(AT)22	53-45
BMb639s	PV_GBa0014C19.f	ATCAATCCCATTCAAGAAC	TTCATGCAGGGAATAATTAAA	155	(AT)18	52-44
BMb640s	PV_GBa0014E02.r	TGAATGTGATCTAATTGGCA	CGTTAAGGGCTTATCACATC	254	(TTA)8	53-45
BMb641s	PV_GBa0014H08.f	CAAGTTTGACACGACTGCTA	TTCGGAAATTAATCATTCCCT	267	(TAA)7	51-43
BMb642s	PV_GBa0014J06.f	TAACACAAATGGCTTCATCA	TTTGAAGGAATATTCAATTAAG	288	(AT)15	49-41
BMb643s	PV_GBa0014J10.f	AAACAGGAATTTAACCAAAGTT	TCACACAACACTGCGAAAC	276	(TAT)5	53-45
BMb644s	PV_GBa0014O01.r	AATTC AATTAGCACGTGGAT	GAATGGGAAACCACTATTGA	105	(AT)12	54-46
BMb645s	PV_GBa0014O18.r	AGAATTCAATGCGTAAGTTT	AGAGAATTTGAGGATGTTTCG	114	(TA)14	52-44
BMb646s	PV_GBa0015M19.r	ACATCCACATAAGCTCCAAT	GGGATGAATGTTCTCTTCAA	283	(TTA)4	54-46
BMb648s	PV_GBa0017E15.r	CAGGCAGCCAGTGAGGAG	ATTTCTTAATTACCGTTGCG	146	(GA)32	55-47
BMb649s	PV_GBa0017H23.f	AACCATTACACCAATCAAGTTT	TCCACGGATCTCTATTACCT	205	(ATA)4	55-47
BMb650s	PV_GBa0017O21.r	GAAGGCGAAGTGAGTTAGTG	AAACGTTGTACGTCCTCTCGT	185	(GAA)18	57-49
BMb653s	PV_GBa0020G09.f	ATTTGTAAAGAACTCGCCAA	AGATAACAAGAACAATCATAAAG	213	(AT)14	51-43
BMb654s	PV_GBa0021I21.f	CGCATCGATCAAAGATAGTC	CTCTTTCCCAACAAATGAAG	161	(TA)19	53-45
BMb655s	PV_GBa0022E01.f	CCGTCTCTATCTATCAATCCA	GAGAGAGATAGGAAAGGGAGA	207	(TC)10	55-47
BMb658s	PV_GBa0023L24.r	GAACGCTCTTCTTGCTTAAA	TTTACCTCCCTTCTACTTCTATG	114	(TA)8	55-47
BMb659s	PV_GBa0024G16.r	AATTTGTAAAGAACTCGCCA	AAATATTTGATGTTCCATCTTT	265	(AT)14	50-42
BMb660s	PV_GBa0024L19.f	GATATGGGAAGTGGTGGATA	ATGGAAATATTGTGCCTGTC	125	(TAA)4	55-47
BMb661s	PV_GBa0025D19.r	AAGCAACACCCAGAGAGTTA	ACTCCATTAGACCCAATCCT	229	(AAG)8	57-49
BMb663s	PV_GBa0025I02.r	AATCGAAACCAAATTCCTTC	TTCATATTGTTTCAGATTATTCA	191	(TTA)4	49-41
BMb666s	PV_GBa0026K03.f	TGTCCTCTTGAGCTTGATCT	CATTCCTCTCTTTTCTCGTT	268	(AT)6	56-48
BMb668s	PV_GBa0027C20.f	AACCTAGGGAAGTCCAACAT	CAAATATGGCATGTCAGTTG	163	(GAA)4	54-46
BMb669s	PV_GBa0027K08.r	AAATTTAGCAAGGTTTCAG	TCAAGTATTCTTTCACCAACAA	106	(TCT)7	53-45
BMb670s	PV_GBa0028C10.r	GTGCCAGAGGAGAGAGAAG	CTCAAATTCACCAATCAAT	117	(GA)11	52-44
BMb671s	PV_GBa0028E12.f	AGATTGTTGCAGGGTAAAGA	ACACGAGTCCCAACAGATAG	298	(AT)26	56-48

BMb672s	PV_GBa0028L16.r	CGAGTGATCGAGTTTCTTTC	ATACATACCCACCAATCAGC	268	(TTC)8	55-47
BMb674s	PV_GBa0029C23.r	TTAGAAGGTGGTTGCTTGAT	CCTATAGGTGTAAACTATTTGGT	171	(AT)21	54-46
BMb676s	PV_GBa0030G18.r	TCAAGTCATTTTCAGTGACCA	CACAATTTAAACCCTAAACCCT	261	(TAA)6	55-47
BMb677s	PV_GBa0030N20.f	GGAGATATCAATAATTTATGCG	CTCCTCCACTTTACTTCGTG	287	(TAT)5	51-43
BMb679s	PV_GBa0031I19.f	ACTCGTGTCTTCGCATAAT	CGTGTTATTGTTATTCAAATGG	210	(AT)17	52-44
BMb681s	PV_GBa0033N02.f	GTCCCAGTAGCATGAAACAT	TTTACCTCAGAAGCAGTTGG	135	(AT)7	56-48
BMb682s	PV_GBa0033P04.f	TCAATAAATTGGAACGAACA	TATTCGGTATGACTGGCATT	226	(TAA)5	52-44
BMb683s	PV_GBa0035B13.f	GTTAGCTGATTTACCCTTG	GTTAGGCTTAAAGTCCACCA	128	(AT)11	55-47
BMb684s	PV_GBa0035F11.f	CGGGATAAATTTAGTGATGGA	CCTGAGCTGTCACACAAAC	229	(TAT)14	53-45
BMb685s	PV_GBa0035K15.r	AAAGTTTATCAAACGAGGCA	TATTTCGAATCTTTGCACCT	240	(TAA)16	54-46
BMb686s	PV_GBa0035M10.f	ACTAAGAAGTCGCACACGAT	ACTATACCGCTTTGCACAAT	247	(AT)9	56-48
BMb687s	PV_GBa0036A04.f	GTTTATCCGAATTTCCCTTT	GGGCAACTCATTCTAATTTT	151	(AT)8	52-44
BMb688s	PV_GBa0036G05.f	TCCTCCTTTCTCTCACAGTC	AATGTGGTTGGTAAATTTGG	265	(AT)11	53-45
BMb692s	PV_GBa0038A07.f	ACTAAGAAGTCGCACACGTT	GCACAATCAATAAGACCCAT	244	(AT)13	55-47
BMb693s	PV_GBa0038A15.r	CATGTCTTTGGCATTGTATG	ATGGCAGTTAAAGAGGAGAA	270	(TAA)5	54-46
BMb695s	PV_GBa0039B02.r	CTCCACCAAGATTGATGACT	CCTCCACCACAGTTTCTTT	246	(GA)6	56-48
BMb696s	PV_GBa0039C13.f	GTTTCATGGGACCTTGTAAGA	GAAATTTCAACAATTTGACT	289	(AT)18	52-44
BMb698s	PV_GBa0039K10.f	TGATAGGAAATATTAAGTTCAAA	GGTTAAAGAATAATCCCCT	206	(TTA)7	50-42
BMb699s	PV_GBa0041N17.r	CGCCAAACATTTATTAAGGA	GGGTACACGTGAAAAGTAAAT	205	(TA)11	52-44
BMb700s	PV_GBa0042M18.f	ATTCTTTGTGGTTGCCTATG	TGATTTACAAAGCGTAAGCC	194	(AT)14	55-47
BMb701s	PV_GBa0042P10.r	CGTTACCAACGTCTTCTCTC	TATGTCTGCTCTTTCCGAGT	176	(GAA)17	57-49
BMb702s	PV_GBa0043G04.f	AGGAAGCATCAACCACTAGA	CTGTGTGCCCGTTAGTTAAT	191	(TTA)4	57-49
BMb703s	PV_GBa0043I04.r	TGTGCTTATTTTCAGGATGTG	TAATTCCAAACACGGTTTCT	265	(AT)18	54-46
BMb705s	PV_GBa0044A22.r	TTGAATGAATGCTAAAGCTG	ATTGGACAATGCTACAAACC	172	(TA)13	53-45
BMb706s	PV_GBa0044E15.f	TGATGCATGATTACTTCTTGA	TTCGTGCTCAAATAATTGTC	261	(AAT)5	53-45
BMb707s	PV_GBa0044L11.f	AATGGTGGTATACAGTGATGTT	TTGTTTGAGAAACGAAAGGT	298	(AAT)6	54-46
BMb710s	PV_GBa0045H21.f	TTCTGAGAGAGAGGAGGACA	AAGGGTGCATAATGAAACTC	222	(AAG)14	55-47
BMb712s	PV_GBa0046E12.f	CTTTCGTGACAAGGAGAAAC	AGGTTAACACGATTTGTATTTG	177	(AT)9	53-45
BMb714s	PV_GBa0047C04.f	CCTGTTGAATTGTTGGAGAT	TTGTGTATTACAAAGGCACAC	275	(AT)30	54-46
BMb715s	PV_GBa0048C21.f	GGTGATTATTTGGATTGTGG	TGTACGAGGTAGGAACGACT	204	(ATT)6	53-45
BMb716s	PV_GBa0048E03.f	GAGGGTAAAGTCCTAGAAGGG	CCAACCTTGTTGATCTCATT	243	(GAA)6	54-46
BMb717s	PV_GBa0048J03.r	GTGTAACCTACGCTTCTTGG	ATGAAGCCAACCTTATGGAA	229	(TA)18	54-46
BMb718s	PV_GBa0048L21.r	TTTCTTTCTTTGTCTGAGC	CGCCAACCTTCTTTACTAGA	135	(AT)20	55-47
BMb719s	PV_GBa0048P18.r	TGTTCACTTATCCTTACAAGAAA	TTTAATTAGCTACCAAGGTTT	189	(AAT)4	51-43
BMb722s	PV_GBa0050A03.r	ATGCACCATAGAGGTTGTTT	ATCGTTTCGTATCGTGAATC	153	(TA)10	54-46

BMb724s	PV_GBa0050K15.r	ATAGGCACTACACCAATGCT	GAGAATGGACCTCTTGATGA	282	(AT)19	55-47
BMb727s	PV_GBa0051F20.f	TGTTCAATCCCATAACCTTT	ACTTATCCACGTGTTCTGCT	206	(AT)23	53-45
BMb728s	PV_GBa0051L01.r	TGTGGATTGTTATAGAATGTAGC	ATAGCTCTTGATTGATCCCA	208	(TA)16	54-46
BMb730s	PV_GBa0052O04.f	GGAGAAGTTAAGGAAAGCGT	GAATATCTCACCTCAAACATAACA	168	(AT)14	54-46
BMb731s	PV_GBa0053H01.r	TTACTTCTTTATTTGGGTGTT	TTATTCAACATTGTCAGCCA	263	(TAT)5	51-43
BMb732s	PV_GBa0053H22.r	TAACCATATCAAGGAATCGG	AAATGTGTGAAATGGAAAGG	271	(TA)21	53-45
BMb734s	PV_GBa0053P10.f	TTATGAATTAGCAAATCGCC	TTTCAAATCAACAGTTTCAAGT	294	(AT)13	53-45
BMb737s	PV_GBa0054K02.f	AACAAGTCACCGATCAAGAC	GTTTGTAAATGATTCCGCAT	225	(AT)19	53-45
BMb740s	PV_GBa0055D05.r	CCACTGACGTAAATTGTGTG	ATGGAGTTAGGATTACCCGT	284	(ATT)4	56-48
BMb742s	PV_GBa0055H11.r	GTGATGTGATGAATTGGTGA	TGTGAACGTGAATGCTATGT	271	(TAT)14	54-46
BMb743s	PV_GBa0055P11.f	ATTCAAATTTACCTTTGCGA	CCCTATTCTTATATGACGATTT	296	(TA)14	51-43
BMb744s	PV_GBa0056C04.f	TATCCTTTACAGTTCCGAC	ATGGGAGAAGAAGGAGAGAG	196	(TTC)6	56-48
BMb745s	PV_GBa0056I14.f	AAAGCAATCGTAAACCATGT	ATGAGTAGCAATTTGGCAAT	263	(TAA)7	54-46
BMb746s	PV_GBa0057C04.f	CTGATCAATCAACAGATTAACAT	AGTGTGTTATCCCATTAAAGTT	284	(TA)26	53-45
BMb747s	PV_GBa0057E08.r	ACTTTCAAATGTATTGCAGAA	TTAACTCAGCTCAACATTGC	257	(AAT)5	52-44
BMb749s	PV_GBa0057M23.f	TCAGATTGCGCTAAATTCAT	GTACGCCCTTCCTGACCAT	196	(GA)7	53-45
BMb751s	PV_GBa0058B01.r	ATGAAATCCAAATGAGATGG	AACAATCCACCAATATAGTTCC	147	(AT)14	52-44
BMb755s	PV_GBa0060A20.r	CTGACTCAAACCACTCCATT	TGAATCCAGAGGAAGTGAAG	202	(CT)7	56-48
BMb757s	PV_GBa0060M24.r	AAGAATGGTATTGAGTTGTTT	CATCTCTATGCTTTTCGTTTACA	216	(TA)26	52-44
BMb763s	PV_GBa0062J20.r	TCATATTATAAACTTGTTTAGGG	TTGGAGCTAACTGGGAATAA	208	(AT)11	50-42
BMb766s	PV_GBa0064J09.f	CAAATAGGTGAAGACCTCAAA	AACAATGATAGTGGTATGGTAAA	148	(TA)18	54-46
BMb768s	PV_GBa0065O21.r	GCTGTTTAAATTGTGCTTCC	GCATTGTTACCCTTAATCTTG	266	(TTA)12	53-45
BMb769s	PV_GBa0066B04.r	AATCACTTGGTCCACAATTT	GTCAACAAGAGGCAAACAAT	260	(TA)13	54-46
BMb771s	PV_GBa0070A04.f	AATTTGGATGTTGAATTTGG	ACCTTTCAGAAACCGTGTTA	256	(AT)22	51-43
BMb772s	PV_GBa0070N02.f	ATGCCACATACAGCATAACA	TCTAACGGACACCTATCCAC	181	(TA)18	56-48
BMb773s	PV_GBa0071B07.f	CCATGATCTTGATCTTATCCTT	GTTGTCCCATGAGAGAAGA	178	(AT)13	54-46
BMb774s	PV_GBa0071O10.f	GGAATGAGCCAATGGTATAA	TGATTGAAACGAAACACTTCT	291	(TAA)7	54-46
BMb775s	PV_GBa0072A03.r	TCAACTGTAAAGAAATCAGATG	GACTGCGTTAGAACGAACA	249	(AT)15	53-45
BMb777s	PV_GBa0074D12.r	TTGAATAGCTTCTAGCCCTG	AACATGTTTGTCTTCCCTCC	231	(AT)13	55-47
BMb779s	PV_GBa0074H15.f	ACGGATACACAACTAGCAA	AATTTGGTTCTAAAGTTCATTG	270	(AT)15	51-43
BMb780s	PV_GBa0074O04.f	GGTAGCAGAGCATATTGGAC	CGCCTAATAACACAACCTCA	284	(AT)21	54-46
BMb781s	PV_GBa0076B02.r	TCCTAGCCGATTTAAGAGTG	GCTCATTCCTTGTTAATGAAA	279	(AAT)5	53-45
BMb782s	PV_GBa0078L23.r	CCCTAAACCCATTCATACAA	TTAGTCACGAATCTCGACCT	285	(TAA)7	54-46
BMb785s	PV_GBa0080J21.r	AATCTTACTTGAACGTCGGA	CTGCTGCTGCTAGACAATTA	243	(AT)17	55-47
BMb787s	PV_GBa0083K06.f	TGTGAATGCTCCTTCTTCTT	GATGATAAAGGGTTTGTGGA	203	(CTT)6	54-46

BMb788s	PV_GBa0083M05.f	AAGGGTCTTCTTCTCCAAAC	CGGAATCCTTTATGTCTCAG	265	(AAG)5	54-46
BMb791s	PV_GBa0084C22.r	ACAAGCACCAAAGAAATGAC	TTTGCAGTAGTGTATCACC	292	(ATA)12	55-47
BMb792s	PV_GBa0084J05.r	CATACGAGGTCATCCAAAGT	GTACGGATACCTTGATGGAA	236	(TA)27	55-47
BMb793s	PV_GBa0086J21.f	AGCAACAAGAGAGTCGATGT	ATTTGTGTTTGCTAAGGAGA	173	(AT)13	54-46
BMb794s	PV_GBa0087F20.r	TTGAAGGAAATAACGGAATG	ATATCTGTTGGGCATGAAAG	298	(AT)11	52-44
BMb795s	PV_GBa0087I12.r	TCTGGAAACCTCATTTCTCT	TTTCCAAATATTTCTACAACCA	286	(TAT)7	52-44
BMb797s	PV_GBa0090A04.f	GGGTCATGTTCCCTAGATTGA	AACTTAAGCCATCAAGTGGGA	183	(TA)21	55-47
BMb799s	PV_GBa0090D17.f	TACCCTTCCCTGAGAGGTAT	TGAATGTGTATTAGTGTGTTGTA	219	(TA)11	52-44
BMb800s	PV_GBa0090F19.r	GAGGTTGGTGATGAAGGTAA	ACAATATCAAACGATAGGCAC	212	(AT)15	55-47
BMb802s	PV_GBa0090K17.f	TAACCTAGCCTGATGAAGGA	AGTGAGAAGCTTTATAAGAGACCC	222	(AT)11	56-48
BMb803s	PV_GBa0090L08.r	TTCTTAGAATCTCACTAAGCAAA	TCACATGCACAACCTATTTTAC	259	(AT)11	54-46
BMb805s	PV_GBa0091B10.f	GACAATGTTCAATCCCAACT	TTGATCAATCACTCCAAACC	241	(AT)28	54-46
BMb806s	PV_GBa0091H12.r	CCCTTAAGCAGTGGTATCAA	ATTTCCAAGCCAACAAATTA	162	(GAA)5	52-44
BMb807s	PV_GBa0091O20.r	GAGACACCCAGATGGAAATA	CTTATCAAGCAACCACCTTC	160	(AG)6	55-47
BMb808s	PV_GBa0093G08.r	TTATCCCAATTATGCCAATC	AAATGGTCACTATATTGGTCTCT	260	(AAT)13	52-44
BMb810s	PV_GBa0095I17.r	AGGCGAGTGAGTTAGTGAGA	AAACGTTGTACGTCCTCTCGT	182	(GAA)18	58-50
BMb811s	PV_GBa0097E09.r	CTCTCTCTCTCGGCAAAGTA	TTGGTGAATAGACTCTCGTTT	105	(AAT)4	55-47
BMb812s	PV_GBa0097G02.f	TGAATAGATTGTTTAGGTTTCAA	AAGTTATTGGAATGTTGTGATTT	251	(TA)8	52-44
BMb813s	PV_GBa0097J10.f	GTAGTCTTTGGCTGTTGGAG	AAATGGCTTATAGCATGGTT	211	(ATA)25	54-46
BMb815s	PV_GBa0098B23.f	TGGCATGTGCTAGTTTGATA	TCGATTACAAGAAATCCACA	233	(AT)11	53-45
BMb816s	PV_GBa0098F24.r	CGCATCGATCAAAGATAGTC	GTCTCTTTCCCAACAAATGA	163	(TA)19	54-46
BMb818s	PV_GBa0099F05.r	CAACACTCGTCAATCGTTTA	CGTAACACAATCTGCCTACA	295	(AT)15	55-47
BMb819s	PV_GBa0100D06.r	GACGTAAAGCTTCAGGTGAC	ACTCATCTGCAACAACAACA	247	(AG)7	57-49
BMb820s	PV_GBa0100N12.f	GTTTAGGTAGTGGCTTGGT	TCTTTGTACTGAGGCAGGTT	268	(TA)30	58-50
BMb821s	PV_GBa0101D18.r	ACTGGATCTTGCTACCGTAA	AGCGATTTCAATTTGTCTCAT	233	(TA)9	54-46
BMb823s	PV_GBa0102G21.f	TAACCCTAACCCTAACCCTC	TTCTGGTGACAATGTTTCAA	296	(CT)20	54-46
BMb825s	PV_GBa0103E17.f	CCCATCAATACTTGGCTATC	TGCACTGTGTGGTCTACTGT	284	(TAA)14	54-46
BMb826s	PV_GBa0103G21.r	TTGAATTGGAAAGGAATGAT	GAAAGTCATACCTCAACCTAAAGA	187	(AAT)7	51-43
BMb828s	PV_GBa0103N18.f	GTTTACACAGAACTGGGTT	GAAATGGTCCCAATTCAATA	156	(AG)7	52-44
BMb829s	PV_GBa0104F18.f	GGTCCCATAGATAAAGACCA	CCCAATATGACACGGTAGAT	268	(TAT)5	55-47
BMb831s	PV_GBa0104L06.r	AAGCCTCAAAGCACACTTAG	CAAAGGGTTCTTCACTTGAG	253	(AT)15	55-47
BMb832s	PV_GBa0106H21.f	TGTAGATGAAAGCACCAATG	CTCCAACACATACGAGACG	278	(TAT)6	54-46
BMb833s	PV_GBa0107E10.f	ACCGTCAAACATGATTCATAC	ATGTAGAAGTCGTGCCAAGT	296	(AT)20	55-47
BMb834s	PV_GBa0107J07.r	TTGAATAGCTTCTAGCCCTG	AGGATTTGTTTCCAACAATG	275	(AT)13	53-45
BMb835s	PV_GBa0107K07.r	GAGGAGAATTGGAAGGAAGT	GAGATAGAGTTTGTGCAGCC	274	(GA)11	56-48

BMb836s	PV_GBa0108B05.r	TTAAATCTTTGCCTTCTTCG	CCCAATCGGTAAGTGA	194	(AT)9	52-44
BMb838s	PV_GBa0109P15.f	CTTTCCTAACACCCAAACTG	AAGAGTGGAGCTGAAACATC	211	(AT)14	55-47
BMb840s	PV_GBa0110A09.r	AAGCAACTTTACTCCCATTG	GAATTGTGTTCGATCAAACCT	192	(TTA)7	55-47
BMb841s	PV_GBa0110B02.r	CACCAAACACATTGAAGTTG	AAATGGCTATTCCAGACAGA	151	(TA)15	54-46
BMb844s	PV_GBa0110G11.f	ATTGTTGGTATTATTGAGGG	TTCGGATCCGTATGTAAAGT	279	(TAT)8	51-43
BMb845s	PV_GBa0110H01.f	TTTGGTTAGACCTTCCTTGA	CAGATAATTGTGGTGCATTG	246	(AT)13	54-46
BMb846s	PV_GBa0110N05.f	ACCAGACAGCTGGAAGTAAA	TCCTTATTGGTTCATTCAT	202	(AG)13	53-45
BMb847s	PV_GBa0111C07.r	CCGAAGGTCACAATAGAAAC	CCAAGTTGACACGACTTTGT	266	(AT)15	55-47
BMb848s	PV_GBa0111E06.f	CTTCTGAAACTGGAAGCAAC	AACGATAGAACCAAGCTCAG	258	(TCT)8	56-48
BMb849s	PV_GBa0111F10.f	TGGTGGACAAGCTAAAGACT	TAAGTGAGCAACTGGAGGAT	283	(ATA)9	57-49
BMb850s	PV_GBa0111F24.f	ATCTGCACCAACAAATAAGA	GGACGAAATTAACCGTGTC	245	(AT)11	54-46
BMb851s	PV_GBa0111J12.r	CCCAGTTTATAAGATGCGAT	TTGGGTATTCAATCTGAAGG	160	(GA)11	54-46
BMb852s	PV_GBa0111L07.f	TGTCAAACCTGGTTGAACAAA	CTAGCAAGTCTGCTCGATTT	252	(AT)9	54-46
BMb853s	PV_GBa0111O11.r	TGTCTCACTTCAAATCCAAA	TTATATGTATCTCTCCATATCCA	125	(TA)13	52-44
BMb855s	PV_GBa0112M01.r	AATAAACGGTAGCCTGAACA	GGTAATGAAATGCGAGGTTA	246	(TA)19	54-46
BMb856s	PV_GBa0113G10.r	ACTAATTCCAAGCTTCACGA	TTGTGTTTATTTATATTTTCGG	180	(AAT)7	49-41
BMb857s	PV_GBa0113K04.r	ATCCAAATCCCAAATTCTT	GAACCAAGAGAGAGAGAGCA	150	(TC)16	52-44
BMb859s	PV_GBa0114I24.f	CTTTCCAAACAAGGAAACAG	TTGCATGAAGCAGAGTAGAA	248	(TCT)8	54-46
BMb861s	PV_GBa0114P23.f	TGGTCCCAATATTCAATTTT	ACACAACAAACATCAGTCCA	288	(TA)28	52-44
BMb862s	PV_GBa0115B06.f	AACCTCTTTGCTCGTCATAA	TGAGGCAAGTGTGTCTATG	264	(AT)24	56-48
BMb864s	PV_GBa0118L08.r	TGTTACAGTTTCATGCCTA	AGAGTACACGTGATTGAACTT	225	(TA)35	56-48
BMb865s	PV_GBa0119B13.r	AAGCCTCAAAGCACACTTAG	GATCACAAGGGTTCTTCAC	258	(AT)15	55-47
BMb866s	PV_GBa0120G15.f	GGGTTTGTAAGAAATCATGG	GGCTTCACCTACAGACTTTG	212	(TAT)15	53-45
BMb867s	PV_GBa0121I22.r	TTTGGCAACAAGATACAAGA	CATAGGACAATTGGGAAGAA	218	(AT)14	54-46
BMb868s	PV_GBa0121M02.f	GGAGTGAGGAGTTAGTTTGC	CAACTCCTTTGGTGTGTGTTA	282	(TTA)4	55-47
BMb871s	PV_GBa0123M20.f	CAGATGAGCGAGTTATCCTC	GTGGTGGTGTCTTTTCCTAA	223	(GA)11	56-48
BMb872s	PV_GBa0123N11.f	TTTCTGTATGCAATGAGGTG	ACAAGTTAATTGCACGACG	186	(TA)11	54-46
BMb874s	PV_GBa0124J07.f	CTGCTTCTTCATTTGCTTCT	TTGTAATTGATTGTGGCAAG	250	(TA)15	53-45
BMb875s	PV_GBa0125G09.f	TGTTTGATAATGGTGTATTTT	TTTCTACAGAAGCATGGTAAA	233	(AT)19	53-45
BMb1563s	PV_GBa0106P04.r	GGAAGTCTCTAATCTCGTAAG	AGGTCATTGAGGTGTATATG	344	(AT)5	54-44
BMb1564s	PV_GBa0079J05.f	GAGGCTTTTCACGTATCTA	GTTTAATACACTCCATGCTG	202	(AT)5	54-44
BMb1565s	PV_GBa0079P20.r	GTACTGGTTTGGAGAGGTAGTAA	CATCCTTATTAGTGTGTAGCAG	251	(AT)5	56-46
BMb1566s	PV_GBa0080C03.r	GTAGTTCATCATTGGCTTAC	CTAAAACTCCCATGTATGAC	180	(AT)5	53-43
BMb1567s	PV_GBa0081P24.r	GTCTTGCTGTAGATGGTTAG	CTCCAAGTCTCCAATATAGA	243	(AT)5	53-43
BMb1568s	PV_GBa0060F12.r	GTAGTTCATCATTGCCTTAC	GACCATACCTCATTTGTAGA	307	(AT)5	53-43

BMb1569s	PV_GBa0061I23.r	CACATCTTCACTAATCACC	GTTGTCTCAATAGCTTCTCT	138	(AT)5	53-43
BMb1570s	PV_GBa0070H06.f	GTCTATGTGAGGAGATATGAGA	ATCTCTCTCTGTTGGATCTG	372	(AT)5	55-45
BMb1571s	PV_GBa0070D08.r	ATAGCTGCTGTGATGCTT	AACACCGTCTAGAGATATGAC	134	(AT)5	56-46
BMb1572s	PV_GBa0074O05.r	GCACTCCTTCAGAATAATG	GTGTCTGTATAAGGGTTGAA	363	(AT)5	53-43
BMb1573s	PV_GBa0073O14.r	AGAGGGAAATTGTTCTCTAC	GACAGTACGGTTATTCTAACAC	257	(AT)5	54-44
BMb1574s	PV_GBa0047M20.r	CTTGACACTGAAGAATTAGG	GTCATGTGACCAGAACTAT	257	(AT)5	53-43
BMb1575s	PV_GBa0056G20.f	TACTACTCTACCTCTTAATGCAC	CTGTACCACTATAATCACAGC	384	(AT)5	55-45
BMb1576s	PV_GBa0058H22.f	GGTAGCTCATCTTGTGTATATG	GGGATGTCACTTATCCTTTA	339	(AT)5	54-44
BMb1577s	PV_GBa0057M23.r	ACTTGTAGGAACACACTCTCT	CTGCTATATTACTCTCACCCCTA	123	(AT)5	55-45
BMb1578s	PV_GBa0044J16.f	GAACATATACGTGTGAGGAT	CCACTAATACGGCTAATACA	358	(AT)5	54-44
BMb1579s	PV_GBa0043F19.f	GATGTAGTTCTTGGTGTAAAGAG	CCAAACTATCTTCTGCAAC	366	(AT)5	54-44
BMb1580s	PV_GBa0043J22.r	GTAGATCAAAGAGTACAGATCG	TTACCATGAAGTGGTAGATG	237	(AT)5	54-44
BMb1581s	PV_GBa0033H22.f	CTGCTATAGACACTCATCTATC	GAGGGTCAAAGAGTACTGA	236	(AT)5	54-44
BMb1582s	PV_GBa0033H22.f	GTACTCTTTGACCCTCATC	CTAGAGTAGTGATAGACATTGG	341	(AT)5	54-44
BMb1583s	PV_GBa0026K04.r	CAACCACAAGAAGGTATTC	GTCTACCCTACAAGGATCTAA	389	(AT)5	53-43
BMb1584s	PV_GBa0035L09.r	TATTGCTGATTGCTCAAGG	AGTATGGTGGTTATCTTAGCAG	247	(AT)5	55-45
BMb1585s	PV_GBa0028I09.f	TTAACCAAAGGACTACCAC	GATCAGGTAAGATGTAATGG	393	(AT)5	52-42
BMb1586s	PV_GBa0023O02.r	CTCTTCCCTCTTGTTTACTT	CCCTCATGTCTTCTTTTC	324	(AT)5	53-43
BMb1587s	PV_GBa0014C13.f	TACTACTCTACCTCTTAATGCAC	CACTATAATCACAGCCTTTC	378	(AT)5	53-43
BMb1588s	PV_GBa0008P12.r	TATTGCTGATTGCTCAAGG	AGTATGGTGGTTATCTTAGCAG	247	(AT)5	55-45
BMb1589s	PV_GBa0018B08.r	GGAAGGTATTAATGTGTGG	CTGAGATAATAACCCACAAG	247	(AT)5	53-43
BMb1590s	PV_GBa0020N21.r	GCTAGTTCATTGAGTTTCTG	CTCCAAAGACAAACTAGAAG	241	(AT)5	53-43
BMb1591s	PV_GBa0020D13.r	AACTCAAAGGAGAGATGAC	CTGGAACCTGTAATTGTAAG	256	(AT)5	53-43
BMb1592s	PV_GBa0005G23.f	CACACATGAGAACTTAGACTC	GATAGTTGTAGTTGTAGACGTG	167	(AT)5	55-45
BMb1593s	PV_GBa0008L10.f	TGTTTCTCCCTTAGAAAGAG	CTGCTATATTACTCTCACCCCTA	151	(AT)5	54-44
BMb1594s	PV_GBa0063D03.f	AGAGTTTCAACAGTGACATC	AATACTTTGGCTCTGTGC	390	(AT)6	55-45
BMb1595s	PV_GBa0067O16.r	CCACCTACCTAAATATGGTACT	GATAAACTCTGCACTCTCTTC	308	(AT)6	55-45
BMb1596s	PV_GBa0057A19.f	GTTGATGCTACTTAGTGTACC	TAGGTTATCTCCTTGTAGAGAC	381	(AT)6	55-45
BMb1597s	PV_GBa0049B22.r	GAGGGCTTCTAGTGTAATAAT	CCTCAACATACAACCTTGC	368	(AT)6	53-43
BMb1598s	PV_GBa0058E04.r	GTGAGAGTGTGAAACCTTTA	GTTAGCATACCACAAGGTAG	279	(AT)6	55-45
BMb1599s	PV_GBa0027K19.r	GCTCATATAGCTTGTATGC	ACATAGATGAGAGATGAGAGAC	384	(AT)6	54-44
BMb1600s	PV_GBa0018B08.r	CTTGTGGGTTATTATCTCAG	CAAACAACCTCAAGGTCTAAG	344	(AT)6	53-43
BMb1601s	PV_GBa0112K06.r	AACACGAGAACCCAAAAC	ACCCTAATCTCTCTCAAAGTC	318	(AT)7	55-45
BMb1602s	PV_GBa0080O18.f	GCTGCTAGCTAAGTTATGTATG	GGCTGTGTATATAGCGTTAAG	233	(AT)7	56-46
BMb1603s	PV_GBa0101D18.r	ATCATACTGGATCTTGCTAC	CTCTTATACTTCGACACTTCTC	331	(AT)8	54-44

BMb1604s	PV_GBa0081G22.f	ATAGTGATGCCTAACATGAG	GCTCTTAGACTTATGCTGAA	379	(AT)8	54-44
BMb1605s	PV_GBa0059C01.r	CTACCACTACTTCCTAATTCC	CACCAAACATACATCCAAGT	316	(AT)8	54-44
BMb1606s	PV_GBa0057L03.f	GTCTACCTTAAAGTGTGTAAGC	GACTATGGTGTTCATGTC	370	(AT)8	54-44
BMb1607s	PV_GBa0056A16.f	GACACTTTGCAAGAGAAGA	CCTAAGAAAGAATGTCACAC	292	(AT)8	53-43
BMb1608s	PV_GBa0036J19.f	GTAAAAGTGGTCTTACTCCTTC	GCATAGAATATGTCCTCAGA	382	(AT)8	54-44
BMb1609s	PV_GBa0038I08.f	CTATAGAGGTTGTTTTGGTG	CAATAAAGAGTACCTGAGTACC	328	(AT)8	53-43
BMb1610s	PV_GBa0067P24.f	AGGTGTACGGAGTTATTTG	CTCTTCGTTTAGGTCACAT	371	(AT)9	54-44
BMb1611s	PV_GBa0054K11.r	GCTGATGATATGTCTTGTCT	GTAGTGAGACCCTTACCACT	396	(AT)9	54-44
BMb1612s	PV_GBa0003H02.f	GTTAACTCCCAATAGTGATG	CTATAGAATCTTGGTCCGTA	400	(AT)9	53-43
BMb1613s	PV_GBa0118B14.f	GTTTATGCTCCAATGCAC	GGGACAGAAAGTGAAAGA	366	(TA)10	54-44
BMb1614s	PV_GBa0041N17.r	GGGTTTGGTAAATAAGAGTC	GGGTACACGTGAAAGTAAAT	232	(TA)10	53-43
BMb1615s	PV_GBa0104G14.r	GAACGTGTCACTGATTTTAC	CTTAGTCTCAAAGTGAAGC	380	(TA)11	54-44
BMb1616s	PV_GBa0101D24.f	CAGCCTTACTCTACTAATCC	TTTCGGTCTCTATTTCTCTC	384	(TA)11	54-44
BMb1617s	PV_GBa0080J21.r	CCATTCTAAAACACCTTTCC	ATATTCCTTGAGTGTGATGG	159	(TA)12	54-44
BMb1618s	PV_GBa0080P15.r	GGCTGAAAAGAATCTACTAC	GTTCAACTTGTGGATTAGAC	257	(TA)12	53-43
BMb1619s	PV_GBa0005G01.r	CTACAGTCCTATTGCGTTAC	AATGGGGACTCTAAGTTATC	150	(TA)12	54-44
BMb1620s	PV_GBa0108K17.r	CAGTTGTTCTTCTAGTTACCC	CTTCTCATCACCTTCAAAC	289	(TA)14	53-43
BMb1621s	PV_GBa0052A10.f	TCCAACCTATCACTATTCAC	TAGTTGGTAGTATTGGGGTA	325	(TA)14	54-44
BMb1622s	PV_GBa0009N16.r	GTTTACACATAGAGACACACG	GAACCTAAAGAGTAGAAGATGC	396	(TA)15	56-46
BMb1623s	PV_GBa0016A15.f	CACCATTATGAACAGTCAAC	TCTATCTCTCTTGCGTTCT	396	(TA)15	54-44
BMb1624s	PV_GBa0076C06.r	GGTACTGAGCATACCAAG	CGAGGACAATTCCTTTTAC	370	(TA)16	53-43
BMb1625s	PV_GBa0117P10.r	CTCTTTTCAATGCTTCTCAC	AAGCAATCTAAGGTGTGG	383	(TA)5	54-44
BMb1626s	PV_GBa0118M22.r	TACGGGGAATTCTAAAAGC	GTGTCTACCAATTTACCATAG	344	(TA)5	55-45
BMb1627s	PV_GBa0111B07.f	GTTCTCCTAAACTGTTCTCC	CTAGACCAAAGCCAAAG	359	(TA)5	53-43
BMb1628s	PV_GBa0094I16.r	ATTGTGTCTGGCTGTTGT	ATAATTGTTTCGGACACAGG	367	(TA)5	55-45
BMb1629s	PV_GBa0102D23.f	GTAGTCCCAGACTGAAAAC	GTTCTACCTCCTTTCTCAAT	338	(TA)5	54-44
BMb1630s	PV_GBa0104E10.f	GGTATGTTAACCTCTGTTTCAG	GTAGGGCTCATGTTTATTTT	235	(TA)5	54-44
BMb1631s	PV_GBa0103B19.r	GGGTGTTTACATACTAATG	AAGTAGTCTAACAGTCCTTCAG	400	(TA)5	53-43
BMb1632s	PV_GBa0104H24.r	TCCTGCCTCTACTGTTTTA	GGAGATCTTCTTCTAATGT	203	(TA)5	54-44
BMb1633s	PV_GBa0091L02.r	GAATCTTGATGTAGTGGTGA	TATATCTAGTCCCTCCAAAGAC	345	(TA)5	54-44
BMb1634s	PV_GBa0079J12.r	TAGGAAGAAAGTGTGTTGTC	GTTCTTCTTTGTAATACCC	256	(TA)5	53-43
BMb1635s	PV_GBa0090N05.r	GGGAATATCAAAGATAGAGG	CAACTTCCACACATTTCC	348	(TA)5	52-42
BMb1636s	PV_GBa0092M04.r	GAACCTGGTAACTAGAGTGTTT	TAAGTCCAGTGGTACAGTAGAT	272	(TA)5	56-46
BMb1637s	PV_GBa0089K09.f	AGTGAGTTGTACATGGAGTAAG	GGAACATGTCACCTAAAGG	150	(TA)5	53-43
BMb1638s	PV_GBa0080C12.r	GGCTTTTCAATCTCAATGTC	TACACGGCTCTTAAAAGGTA	181	(TA)5	55-45

BMb1639s	PV_GBa0080J12.f	CTATGCCCATCTCTATGTAA	TTGTCACTATGTACTACTGCTG	295	(TA)5	53-43
BMb1640s	PV_GBa0068B18.f	GTAGCAGCAAGAGACTCAG	GTTGTTGTAGACTGAAAGTAGG	280	(TA)5	56-46
BMb1641s	PV_GBa0058O05.r	CTAAATGTGATTAGCTGCTG	AGGGACTAAAGTTAATACGG	347	(TA)5	54-44
BMb1642s	PV_GBa0058J04.f	GTGATTCAACTCTCAACACT	CTCTTCCTTTACTTCTTCCT	268	(TA)5	54-44
BMb1643s	PV_GBa0066L18.f	ATAACGAGGTGGTCTAGATT	GGAGTTTTTCAGAATTAGGAG	378	(TA)5	53-43
BMb1644s	PV_GBa0060I15.f	AGTATGGTCTTACGCAATAG	TACATGAGGGTATGTTTAGG	198	(TA)5	54-44
BMb1645s	PV_GBa0061L13.r	CAAGTTCATTGACCCAAC	GTTGTATCTGACGACACAGT	147	(TA)5	54-44
BMb1646s	PV_GBa0055J17.f	CACACGTCTACTAAACTATGC	CTGAATTGGATGTAGGAAAC	290	(TA)5	53-43
BMb1647s	PV_GBa0057D21.f	CTCCAGATGTAGGAAATATG	GAATCTCCTCTTCTAGTTACTG	223	(TA)5	52-42
BMb1648s	PV_GBa0053B04.f	GTTAATGCATCATACCTGAG	GGAGATCTTCTTCTAATGT	341	(TA)5	53-43
BMb1649s	PV_GBa0048N22.r	CGGAATACGGTTCCTACTTA	TACTAGCTGTCCACGTTAT	306	(TA)5	53-43
BMb1650s	PV_GBa0047A04.r	GTTAAGAAGATCCGAGAAGT	GTTTGACTAAGGCACTCTTT	229	(TA)5	54-44
BMb1651s	PV_GBa0029P21.f	CCTCCTGTTTTCTCTTTAGT	TACTTCCTCACTGTTCACTA	314	(TA)5	54-44
BMb1652s	PV_GBa0032C17.f	GTCAGTAAGATTAAGACACTCG	GTAGGACAAATAGATGTGTAGG	397	(TA)5	55-45
BMb1653s	PV_GBa0039O07.r	ACTTAGCATGAAGTTGGTG	TAGATTTGTGTCCCTATGTC	226	(TA)5	54-44
BMb1654s	PV_GBa0027B14.f	AGCTTAGACTTTTGAAGGAC	AAAGCTAGAGAACTTCCAG	345	(TA)5	55-45
BMb1655s	PV_GBa0035H03.r	GTGTTGAAATGATGCTGTC	TACCTCAAAGAGGCTAACT	219	(TA)5	54-44
BMb1656s	PV_GBa0028C02.r	CAGACCTAACACTCAAATTC	TAGTATCATGGTTGACTTGC	258	(TA)5	53-43
BMb1657s	PV_GBa0039O22.r	ACTGCTGGTAAAGTATTGTG	AGAGTGCTAGATAGGGAAAT	375	(TA)5	55-45
BMb1658s	PV_GBa0014O15.r	GGTACCTGGTCTTCAATTA	GGAATTGGATCTCGTACT	239	(TA)5	53-43
BMb1659s	PV_GBa0020M05.r	TACGGGGAATTCTAAAAGC	GTGTCTACCAATTTACCATAG	342	(TA)5	55-45
BMb1660s	PV_GBa0018O18.r	TGAGAGCTACTAACAATGAC	CTTGCATATTGTACCAGAG	346	(TA)5	53-43
BMb1661s	PV_GBa0018A21.r	GAAAGAAGAGTTGTTAGTGC	ATAGTGCAAACCTGTCTC	309	(TA)5	54-44
BMb1662s	PV_GBa0017L10.f	GGTACGATGTTAAGTATGTCC	CTTGICTTCTCTTTGTTTAC	219	(TA)5	54-44
BMb1663s	PV_GBa0017N08.f	GACATTGGTACAATTGAGG	CAGTGTGAAGGTTCTAAAAG	314	(TA)5	53-43
BMb1664s	PV_GBa0007B23.r	GTTGAGTTACGTGCTTACTT	ATAGGACAGAGGTCTTCTAAAC	370	(TA)5	55-45
BMb1665s	PV_GBa0007N10.f	ACTTCGCAGTGTGATGAA	ACCTCTTCATTGTCTTTGTC	391	(TA)5	55-45
BMb1666s	PV_GBa0112G14.r	GATGAGTGTCTCCACTTTTA	CTCTTTCTTAATGACCACTC	338	(TA)6	53-43
BMb1667s	PV_GBa0096I16.r	ATGTTATTGACCCTACACAC	GTTAGATACACAGGTCAGGA	324	(TA)6	55-45
BMb1668s	PV_GBa0090B16.f	GAGTGATTCCTATCTCTGTTAG	TGCTTGTAGCTGGATAGTTA	259	(TA)6	55-45
BMb1669s	PV_GBa0037D07.r	CTACAAGACATAAAGCATCC	GGTGAGAGAATTGAATGAG	393	(TA)6	53-43
BMb1670s	PV_GBa0023G21.r	CTACAAATTGAGCACATCTC	CATTAGCTATGGCATGTTG	322	(TA)6	54-44
BMb1671s	PV_GBa0118F08.r	CTACTTGCTGAGTACACAAAC	GAGTATATATGCCACTCTGAAC	385	(TA)7	55-45
BMb1672s	PV_GBa0119L15.r	TACTTTAGGTTGGTGTGAAC	ACCTACAAAGGTAGAGTTAGTG	221	(TA)7	55-45
BMb1673s	PV_GBa0090L22.r	CTGAGGAATCAGTGTTTAAG	TATATGAACATGGAGAGTGG	285	(TA)7	53-43

BMb1674s	PV_GBa0062A16.r	GTGTGTTAATGCACTGTTCT	GCTGAGACGAACTAGTATTAAG	373	(TA)7	55-45
BMb1675s	PV_GBa0060L01.r	TACTTTAGGTTGGTGTGAAC	ACCTACAAAGGTAGAGTTAGTG	222	(TA)7	55-45
BMb1676s	PV_GBa0028B22.f	GGACTCGACTAATTTGAACT	AGATTTAGGATGCTGGAG	321	(TA)7	53-43
BMb1677s	PV_GBa0008F05.r	ATCTACGTGCACTTTCTTC	GACTTGTTATCACGTTTGG	307	(TA)7	54-44
BMb1678s	PV_GBa0112M13.f	GAGCCTGAAAGACAAAGTA	CCTAGGTAGTTTCCTGTAAATC	345	(TA)8	54-44
BMb1679s	PV_GBa0108A12.r	AGGTTTTGGTCTATCCTAGT	AGTACATGTCTCAATCCTCTC	334	(TA)8	55-45
BMb1680s	PV_GBa0105D16.f	CTAGGTGTTCAACAAGTTACTG	GCTAAACTCTAGGAAAGAGAG	275	(TA)8	55-45
BMb1681s	PV_GBa0086I09.r	GAAGTACTCATTCTTAC	CTCTATTACTAACTGCACCAC	279	(TA)8	53-43
BMb1682s	PV_GBa0106D12.f	GATTTCTCCCAAAGTACT	AAGAGACTTACACCAAACCT	176	(TA)9	54-44
BMb1683s	PV_GBa0091G14.r	GTGTGTCTCCTTCAACTTC	GAGATTGACATCTATTCGAC	325	(AAT)4	53-43
BMb1684s	PV_GBa0090N05.r	GTAAAGTGCTAGAAGTGGAA	CTTTGATATTCCCAGTCC	305	(AAT)4	52-42
BMb1685s	PV_GBa0080K20.f	GTTTTGACACCACTGATCTA	GAAATGTGTTACTGGATACC	236	(AAT)4	53-43
BMb1686s	PV_GBa0048F09.r	CAACTACTTCTAAAACGACACC	CCCATTCAAAGTTACGAAG	275	(AAT)4	54-44
BMb1687s	PV_GBa0052D16.f	ACGAAGAAGGAGAAGTTAGT	AGATTGTAGTCTTCGGTTTC	392	(AAT)4	55-45
BMb1688s	PV_GBa0020G23.r	GATCTAGACTGTAGGGTTTGT	CAAGTCTACGCTAGAATCAT	282	(AAT)4	54-44
BMb1689s	PV_GBa0110G11.f	GTATTATTGAGGGGTGGA	CTATCACATGACCACTACAAG	378	(AAT)5	53-43
BMb1690s	PV_GBa0080E19.f	ATAACATCTACCTGACACGA	GTTAGAAACCATAGTCTACACG	399	(AAT)5	55-45
BMb1691s	PV_GBa0053G21.f	AACAGTTTGGTAGACGAAG	GTCAGAACTTAGCTGAATAGAG	323	(AAT)5	55-45
BMb1692s	PV_GBa0024D11.f	CTAAGGAAAATCACCATGAC	GGTTATCACGTTAGTCTTACAC	250	(AAT)6	53-43
BMb1693s	PV_GBa0096A16.r	CCTATATTGCATCTGATTGG	CTAGTGATGAAGTTTCTCTCCT	254	(ATA)4	53-43
BMb1694s	PV_GBa0088H20.f	GCAGACTCACAGACCTAAA	GTTTTACATATCTCTGCTG	213	(ATA)4	54-44
BMb1695s	PV_GBa0026O07.r	ATAGGAGAAGGACTAATGGA	GCCCTACACTTATCAATTC	352	(ATA)4	53-43
BMb1696s	PV_GBa0032D07.f	CCTATATTGCATCTGATTGG	CTAGTGATGAAGTTTCTCTCCT	254	(ATA)4	53-43
BMb1697s	PV_GBa0116O02.f	CCTCATTAGGTAGAAGAACTGA	GAAGGCCAACAGAAACAA	294	(ATA)5	55-45
BMb1698s	PV_GBa0119M24.f	GACTACTTACTTGTGCTAGACC	GCGTTCTAGTGTCTGTGTAT	285	(ATA)5	57-47
BMb1699s	PV_GBa0086K15.r	TATCAGAGAATCTGCCTAGA	GACTGTATTTTCTTGGGTCT	393	(ATA)5	54-44
BMb1700s	PV_GBa0028C14.f	GTGCACAAGTATGTTTCTGT	CATATATCAGACACTGACACTC	252	(ATA)5	55-45
BMb1701s	PV_GBa0118H01.f	ACGTATCTTCTTGTGTTAGC	GAAGTGCACCACATATACTT	335	(ATT)4	55-45
BMb1702s	PV_GBa0086C06.r	TATCTATTAGGGGACTTTCC	CACAAGGCTAACTAAGTAGAAC	161	(ATT)4	53-43
BMb1703s	PV_GBa0055L01.r	GTGTAACATCCCAAAGTACT	GTTTGAGAGAGATAGGTTCTG	360	(ATT)4	53-43
BMb1704s	PV_GBa0055D05.r	CACTGACGTAAATTGTGTG	ATATGGAGTTAGGATTACCC	285	(ATT)4	53-43
BMb1705s	PV_GBa0028C17.r	CTATGTCACTTAAGATCTCAGC	TTGGTATCTCTCTAGAATGG	193	(ATT)4	53-43
BMb1706s	PV_GBa0014M05.r	ATATCTGCAGTGTGATTAGC	CTTCTACCCACACAATAC	349	(ATT)4	55-45
BMb1707s	PV_GBa0022D21.r	TACCTCTTCTTCTTCTTCTT	CACAAGGCTAACTAAGTAGAAC	318	(ATT)4	55-45
BMb1708s	PV_GBa0022D24.f	TCTACCTCTTCTTCTTCTTCT	AAGAGTATGTTGACATGGAG	355	(ATT)4	54-44

BMb1709s	PV_GBa0083D24.r	GACTTTGAAGGAACTGCT	GTCATACCTAACTCGCAATA	398	(ATT)5	54-44
BMb1710s	PV_GBa0091D17.r	GACTCATCTTCTTGGATTCT	GGACTAGGAATGTGAGTAAA	381	(ATT)5	54-44
BMb1711s	PV_GBa0028C17.r	AGAACCATTCTAGAGAGATACC	CTACTGAAGGTTTCGCTAATA	349	(ATT)5	54-44
BMb1712s	PV_GBa0004F22.r	TCTTCTTGGACTTGTGTTC	AGATAGGGAACCAATGTATC	396	(ATT)5	54-44
BMb1713s	PV_GBa0103A07.f	GTGATGTTCTCTACCAGAAA	CAGCACTGATTCTTCTTG	388	(TAA)4	53-43
BMb1714s	PV_GBa0080P15.f	CTTCTACTTACCACACCCTAT	GTGAGGTGAGCTTAATTTG	182	(TAA)4	54-44
BMb1715s	PV_GBa0027D12.r	GGATGTTAGTGATGGATAGA	GTTGTAAGGAAGGAGGAGT	334	(TAA)4	53-43
BMb1716s	PV_GBa0039G01.f	CTTCTACTTACCACACCCTAT	CTACCAAACAAGTGACAGAT	360	(TAA)4	55-45
BMb1717s	PV_GBa0013O17.f	GGACTAAATAGTGTGAGCTAAG	AGCTCAATAGTTCACGTTT	328	(TAA)5	55-45
BMb1718s	PV_GBa0017O22.r	CCAGTGAGTCAAAGACAATA	AGTTGTGCATAGCAAGTAAC	230	(TAA)6	54-44
BMb1719s	PV_GBa0056H13.f	GTGGAGAGTAAATTGAAAGC	GCACTAAAAGTATCCTTGG	213	(TAA)7	53-43
BMb1720s	PV_GBa0094I16.r	GTGTCTGGCTGTTGTTCT	ATAATTGTTCCGGACACAGG	364	(TAT)4	55-45
BMb1721s	PV_GBa0109A18.r	CACATAGGGTAACGATACAT	TGTCTAGCCTTTCTTACTTG	358	(TAT)4	54-44
BMb1722s	PV_GBa0085F16.r	CCACCTTTTCTGGTATAACAT	GGAGGATTGAGTCTTAGTAAC	377	(TAT)4	54-44
BMb1723s	PV_GBa0045C22.r	ACTATAACCCATCATCACAC	GGACTGATCTAATGAAAGAG	204	(TAT)4	52-42
BMb1724s	PV_GBa0055D10.r	CAGAGTAGGACAACCTTTG	GTTGTTTACTGCTTCACTTC	110	(TAT)4	54-44
BMb1725s	PV_GBa0013A15.f	TACCAATATGTTCCGGAGAG	CAACCTTAATCAGTGTTAGC	376	(TAT)4	53-43
BMb1726s	PV_GBa0015O20.f	GAGTGTCTCTTACTATCATTGG	CCTCTCTCTACAACCTTCAGTA	209	(TAT)4	55-45
BMb1727s	PV_GBa0010O08.r	TACTGATTGGATGTCTAAGG	CACAGTTATCACTTTAGAGGAC	106	(TAT)4	54-44
BMb1728s	PV_GBa0087I12.r	GTACCCCAAGTACTCCTATT	CAACCACTAGGTAAAATGG	221	(TAT)6	53-43
BMb1729s	PV_GBa0058G08.f	CTATGTAGAGTTTGTGAAGCAG	AGATACATGGAAAGCACAC	351	(TAT)6	55-45
BMb1730s	PV_GBa0107M20.f	CCTGCACTGAGATTTAATAG	CGGTCAGTTCTGAGATAAC	258	(TAT)7	53-43
BMb1731s	PV_GBa0086N01.r	GGTATGGTGAAATTGTTGG	GAGACTGATAATTGGGTAGAGT	325	(TTA)4	54-44
BMb1732s	PV_GBa0048C09.f	TGCTTCTCTCAGTATGATTC	CTTCAAGTAAACCACACAGT	319	(TTA)4	54-44
BMb1733s	PV_GBa0042E13.f	CTGCAGTTACGTTAGAGTTT	ATACAGTCATATCCAGGTCTAC	366	(TTA)4	55-45
BMb1734s	PV_GBa0048L21.r	AGACAGCCCAAACCTCTATAA	CACGCCTGATAATGAATG	245	(TTA)4	53-43
BMb1735s	PV_GBa0030M22.f	GGGGTTACAAACGAATTAC	GTA AAAAGTGGAGAGGAGACTA	273	(TTA)4	54-44
BMb1736s	PV_GBa0015L17.f	CAACTTCATAGCCAGTATGT	TACTAACACGCCTGTAAACT	260	(TTA)4	55-45
BMb1737s	PV_GBa0002E09.r	AAGTCAACCGACAAGAAC	CGATGACTATACCCTAACAA	130	(TTA)4	54-44
BMb1738s	PV_GBa0104B24.f	ACAAAACATCTCTCCCTCT	CAAGGTTGTCAGATTAACAC	226	(TTA)5	54-44
BMb1739s	PV_GBa0046L23.f	CACTACACCAAACAAATTCC	TGATATCTCCATTACACACG	348	(TTA)5	54-44
BMb1740s	PV_GBa0044J11.f	CTGACTTATTTTGCTGCTG	CTGGGAATGGAAAATAGG	184	(TTA)5	52-42
BMb1741s	PV_GBa0040E03.f	GATGTGATGGGTGTGATA	TCTTGAGTGCTCTACACTTT	400	(TTA)5	54-44
BMb1742s	PV_GBa0003O07.f	GTGTTCTTACAATGTTCTCA	CCCAGAAGATAAACTATCA	278	(TTA)7	54-44