

Supplemental Table S2 Nucleotide sequences of 761 successfully amplified EST-SSRs in this study.

Primer name	Repeat Motif	Annealing Temperature	Forward Primer Sequence (5'-3')	Reverse Primer Sequence (5'-3')	Expected size(bp)
YYJ-5	(GT)11	58	ACCCACCAGCAT TCGATTGT	CCGGACACATC CATCGGATT	264
YYJ-11	(TA)10	55	GGGTGATTTTGT GGTTGGTTGA	TCTAGTCTCTCA CAGCCCTT	139
YYJ-15	(AT)10	60	TCCTCTAGTGTTT CGAGCCA	TTAGTCGGATCA TGCACGAG	189
YYJ-16	(CA)10	55	ACAATTCACAAG CACAGCTCT	GCCACCTGCAG AAGAGAGAT	188
YYJ-18	(AT)10	55	ATTGGGAGTTGC CTCATGGG	ACATGATGTGTC ATTCATGCCA	224
YYJ-19	(TA)10	58	TCCATGACCCTC AATCGAGAG	CCCATGAACCTC AGCACCAT	260
YYJ-22	(AT)10	58	CAGTGCTCTCTCT CTTCTGTCA	GCCGGCTCAGC TAACTTGTA	270
YYJ-25	(GT)10	55	TGCATCTGCGAA TACAATGGC	TCCCATTGGTTC TTGGTGCA	247
YYJ-26	(CT)10	55	AGGAGAGAGAA ACGCACTCG	ATTCACGCAAA GAGAGGGGG	218
YYJ-27	(AT)10	55	CTCTCTGGCCGT AAACACCA	CCGACGATCAG CGAGAAGAA	181
YYJ-34	(TA)10	60	ATCGAAGAGGTT CACCGACG	AACGTCCTACCT TTGGGCTG	190
YYJ-35	(GA)10	55	CTCCACTGCTGA GCTGAGAG	GCGATTCTCGTC GGGATTCT	215
YYJ-37	(GA)10	55	CACTGGAAGAGA CACCACCC	AGACTCCGATCT CCGCCATA	126
YYJ-40	(GT)10	60	AAGATCCCGGTC CTCATCCA	TGTTGTGCTCAG AAGGCCAT	253
YYJ-42	(GT)10	60	GCCTCACTCGAC ATCTCTGG	TTGCTTGGATCG GGCTTGAT	227
YYJ-43	(GA)10	58	AGTGCGAGAAAA CCCTCAGG	CGAGCGAGGAG ATGTACACC	176
YYJ-44	(AC)10	58	GCCATTCCTGAG TCGCTTCT	AAGGGGTGTGT GCCTAGTTG	124
YYJ-47	(CA)10	58	AGAGACAGCAAA	GAGGTGTTTCAT	169

			CCACTGCA	GGATCCGGG	
YYJ-49	(CT)10	58	GGTCAAGAACTG	TTGGTCCTCGTG	248
			CTGAGCCT	ATCAGTGC	
YYJ-51	(TA)10	58	AAAAAGGGAAA	AGATCACCTGC	172
			ACGGCGAGC	CAGTCTTGC	
YYJ-52	(TG)10	58	TGGAGCAAACAC	GAGCAGAATCA	251
			AAAGCACG	GGTCGCTGT	
YYJ-54	(CT)10	60	GCCACAGAGAGC	ATCAACCCGGG	232
			TTTCGGAT	AGTACCTCA	
YYJ-55	(AC)10	58	GAGGTGGACATT	ATGGAGCCGAT	230
			ACGCACCA	GCAGTTTGA	
YYJ-57	(TC)10	58	CGTGCTGTTCTTT	AATCCGACAGA	186
			GCTGCAT	GAGCCTCCT	
YYJ-64	(TG)10	58	CATGGATGCATA	ATGGCCTTCCCT	223
			CCGGCTGA	TTGCTCTC	
YYJ-67	(TA)10	60	GCCCGCATCCGA	TTGAGTTTGGGG	256
			CTTTCATA	GAGAAGCC	
YYJ-68	(TA)10	60	TCACTACATGTC	GGCCACCTCGG	235
			ACGCACCG	AAATCTTGA	
YYJ-69	(AT)10	58	GTGGGCTGATCT	GTCCGACTCCG	262
			CAATCGGG	AGGATCAAC	
YYJ-72	(AC)10	58	TAAACTGAGGGG	ATCTGCAGAAG	254
			CCAGGACA	CCCGACATC	
YYJ-73	(TA)9	55	GAGCAGAAGATG	TGGTATACATAC	218
			GCCATGGA	GCGTTGCA	
YYJ-74	(TC)9	58	CCTCCTCTTCATC	TCAAACCTGGC	246
			GCAGCAA	ATCTCTTCTT	
YYJ-77	(TC)9	58	AACTGACGCATT	TCGAATTGCATG	257
			GGAGGCTT	ACTGGACA	
YYJ-78	(GT)9	63	CAGCCAGGTAAG	AAGCATTGGAA	203
			TGGTTGGT	GCTCAACCA	
YYJ-80	(AT)9	58	ACATCATCTATG	GGAGCACGTCC	263
			CCGGGTCT	TTCGATCAA	
YYJ-81	(AG)9	58	ACACACATCACG	AGCGAAGAAG	225
			AATTGGCA	AAGGGAAGC	
YYJ-82	(AG)9	58	TCCATTCGAACG	CGGAATCGCTG	186
			AACAGACAC	ACAGATCGA	
YYJ-84	(TC)9	58	AGGATCCCAAGA	GCAAGGGACAG	212
			ACCACGTT	ACACAGTCA	
YYJ-85	(GA)9	58	TGCTCCCCGATC	TGCAGTAATAA	226

			CTCTAGTT	GGGGTCGCA	
YYJ-86	(TA)9	58	AGCTAGGTTTTA	AACCCAGTGTG	207
			CCGGCTGT	ACAGCCATT	
YYJ-88	(AG)9	58	ACCGACCCAAGA	GCTGTTTCTTGT	119
			TGGTCAAA	GCTTCCCC	
YYJ-90	(TC)9	58	GCTATGCCAAAC	TTGCATGCGTAG	211
			GCCAATCT	TCCTTCGA	
YYJ-91	(CT)9	58	CGCCGAATCCGA	AGCGATTCCAA	207
			TGTCTGTA	ACTTTGCGT	
YYJ-92	(AC)9	60	CTGTTTCAGATGG	GACAACCGCCA	209
			GGACGGAA	CACTAGAGT	
YYJ-95	(TA)9	58	TGTTGTCAAAAG	TCGAAGTGCAT	229
			CGCGAGAA	GAAGGCGAT	
YYJ-96	(AT)9	58	TGGGTCACAGAA	TGACGGGTTTCT	277
			CCTAAGCG	TCCCCAAA	
YYJ-99	(GA)9	58	AAGGTCCTCCAT	TCATGGCTGCTC	278
			GAGCAAGC	ATAGCTGT	
YYJ-100	(CT)9	58	AGCACGACCAGA	GGGACTACTAC	211
			ATCTTAGCT	CCTCACCGT	
YYJ-101	(CT)9	58	GCTAGCAGTCCA	CCGCCGCCATAT	186
			ACTCCTCC	CTTCTACT	
YYJ-103	(TA)9	58	TACCCGGGTGAT	CTGCTCCTTGCT	240
			GGAGGTTA	CTGACAGT	
YYJ-105	(TC)9	60	GCTTTCGCACCA	GCGGGCGATTC	253
			CACTTCAT	CTCTTATCA	
YYJ-108	(TC)9	60	AAAATGATGGGC	AGTTGCAGACT	182
			TGGAGGGG	GTCTATGGCA	
YYJ-110	(TC)9	58	TCCGCTCTCCACT	ATGCGAGGGAA	264
			GTCTTTC	CTTGGAAGG	
YYJ-111	(AT)9	58	TGGTCTTTCGTTG	CGACAGCAGAG	271
			CAGAGGT	TCTCCGATC	
YYJ-112	(AT)9	60	CTCGGCTCGGCA	AGCCAACTAAT	154
			TTATGGTT	AGCCAATAAAT	
				AGTGT	
YYJ-113	(TA)9	58	ACTATTCTGCAT	TGGAAGTGCAT	178
			GGGACTGGG	GGCTCTGAG	
YYJ-115	(AC)9	58	GATCCATTCATG	CCAGTTTAGGTG	151
			TTGCGGGC	GGAAGGCA	
YYJ-116	(CT)9	58	CGGGGTGGAACA	TGAGCCACAGA	191
			GGAGAAAA	GCAAGACTC	

YYJ-118	(TC)9	58	ACGTAGAGGAGA	GGCCGGCGAAA	162
			CAAGAAGGGA	TCTAAACAG	
YYJ-119	(GA)9	58	TAACTACGACGT	AGCGTCTGATA	187
			CGCCAAGG	GGAGGGAAGA	
YYJ-120	(TA)9	58	GAGGCATTGCTA	AGGCATGGAAC	201
			GTTGGGGT	TCACAAGCT	
YYJ-123	(GA)9	60	GGAAGGGAGAA	TCGGACCAGAA	206
			GATCGAGCC	GACCCGTAT	
YYJ-126	(AT)9	58	CCACCAAAACTC	TGAGGTGGGAA	224
			TCCCCCTC	TAAAGCCAGG	
YYJ-129	(AG)9	58	GGGGGCTGATTC	GGCCACCTGCTC	268
			CTTGTTGA	CTTATTCA	
YYJ-132	(CT)9	60	TTCTCCCGAATC	CGGCATGGCAA	253
			CTCAGGGT	ATCCTTGTT	
YYJ-135	(AG)9	58	CAGACTGAACGT	TCAGCTGCAGC	211
			TCACCGGA	AGACTACTG	
YYJ-136	(CT)9	60	AAAGAAGAGTGT	CGTTGAGCTCA	228
			GCCGAGGG	AACGGCAAT	
YYJ-141	(TC)9	58	GCTTGCTCTGTTC	CCTCGGATCGC	125
			CTTCCCT	AGGGTTTAA	
YYJ-142	(AT)9	60	GCTGTGCTCAAA	CCTCCGTTCAGA	244
			GGGTGTTG	GCTCCTTC	
YYJ-145	(AT)9	60	ACAGGAACAGGA	GTCCGACCTCAC	261
			ACAAAGCCT	AATGACGT	
YYJ-146	(GA)9	63	ACCTGATTGTTG	TCACTCTGCCAC	210
			GCGGGATT	TCTCCTGA	
YYJ-148	(CT)9	58	TCACTCCTTTGCC	ATCTACCCTGCG	127
			TTCTTCCTC	TGATGCTG	
YYJ-149	(GA)9	58	ATCTACCCTGCG	TCACTCCTTTGC	127
			TGATGCTG	CTTCTTCCTC	
YYJ-150	(AC)9	58	GGGTCTCTCTCA	GAGAGCAGGAG	251
			GGATGGGT	GAACAGAGC	
YYJ-151	(AG)9	60	ATGACACTCCGC	AGCCAAACGGT	215
			CAACTCTG	TCAGTGACT	
YYJ-152	(TA)9	60	CCATGTCCATAG	GTGGTCCATCTC	226
			TGCCGACA	CCTGGTTG	
YYJ-153	(GT)9	58	TCGAGAGAAGCC	CCACCCAGTGTT	233
			AACAACCC	CGTTGGTA	
YYJ-154	(GA)9	55	CAGGGACAGAAG	TCTCAGCTGCCT	124
			AAGAGGCG	GTTGCTAG	

YYJ-156	(TC)9	58	AGCAGCAAACCA ACACCAAC	GGGTCTCTGTTT CTGCTCCC	126
YYJ-157	(AG)9	58	TGCTCAGCTCTG TGTGTCTG	CAAGGCGATGG AGATGACGA	199
YYJ-160	(CT)9	63	GCATTGTTCCCC GTGAATCG	ACCGCTACGTTG CAGAAGAA	189
YYJ-161	(AT)9	60	GAAATGCGCCCG TATGGAAC	ACGAGTCAGCT GTCGTTTGT	263
YYJ-162	(AG)9	58	GGCACCATTCCCT TTCCTCCA	ACTTCGACCATA CTCCCCA	252
YYJ-163	(CT)9	60	ACAGGATGTAAG GGGCCTCT	TGCTGGACTCGC CTCAAATT	112
YYJ-164	(TG)9	58	TCCTCCTAATCCC TCGGACC	AACACACAGCA GGAAACCGA	280
YYJ-166	(CT)9	60	TCCCCCTCCTGCT TGATGTA	GGATCACAGCT CCCAGATCG	228
YYJ-167	(TC)9	58	AGTGTCGTACCA GCCTAGGT	GAAAGCCTCCA ACGAAGGGA	273
YYJ-168	(AC)9	60	TTTTCATCCTCTC CCCGTGC	TGCATCTGTTCA CCTGCACT	273
YYJ-169	(TA)9	58	GCCCTTCTGAT GTCTGGCT	ACTGCTGAACC AGGGACTTG	170
YYJ-172	(TC)9	60	GAGGCGAAAAGT GGAGGGAA	ACACGTGGATT CACATGCCT	270
YYJ-173	(AG)9	58	TCGTTCTTGGGT GAGTGACG	ATCACTCGTCCA GACAGGGA	246
YYJ-174	(AT)9	60	TGCTTGTAGGCT CCGGATTC	ACCAAAGTCAA GGAACGCCA	224
YYJ-175	(AT)9	60	TTGGGTCGAGGT TTCTGACG	TCCTTGCAATTC CGCTTCCT	257
YYJ-176	(AT)9	60	ACAGCAAGAAGT GTACGGCA	TTCGTCTGCTAC CCCGACTA	265
YYJ-177	(GA)9	58	ATGCTTCTTCAC GGTGCAGA	TAATATTCCGCA GCCGCCAT	175
YYJ-180	(AG)9	58	TCCTTCTCCTTCC GCCGATA	CGCCGTGTACTION CTCCATCA	246
YYJ-181	(AG)9	60	TGCGATACATCC CAAGACGG	CCTGTCGGGACT GAAACCTC	262
YYJ-184	(TC)9	60	CTCACTCGTTCCC GAACACA	CGATAGCTGCTT CAGGAGGG	242

YYJ-185	(TA)9	60	GGGACCTCGATC GTTACGAC	TCGCCGATCTAG AGGTCGAT	137
YYJ-187	(TC)9	60	GACGAGCAGATC CAGAGACG	AGAAATGCGAT AGAGCCCCG	229
YYJ-188	(CT)9	60	GAAGCCGCTCAT TCGTTTCC	TGGTCGATCTTG CAGCCATT	133
YYJ-190	(AG)9	58	GGTCAAATGATG TCTCGCGC	AAAAGGCACCG AGGAGACAG	250
YYJ-192	(TA)9	58	CGAGAAGAGCCA CTCGAGTC	TTTGC GCGGCTT AGTAGTCA	200
YYJ-193	(GA)9	58	GGTGACACGCTT CCCCATTA	GCGTGCGATTTT TTCTCACC	268
YYJ-196	(TA)9	58	CTCCAACGGGCT CATAGATCC	TGTGCACGATTA AGGCCCTT	193
YYJ-197	(CT)9	58	TCGGAGCCACTA GCCCTAAT	GAGAGAGAAAG AGGGAGCAGC	193
YYJ-198	(TA)9	58	TTGATGAGGGGG CTCGTAGA	TGCAGATGGGT CTCCTGAGA	262
YYJ-199	(CT)9	58	AGCCCAAACCCT GAAACCAA	AGAATGGCGAG CTTCCCAA	214
YYJ-200	(GT)9	58	CTGACTTGACGG AAGGGTCC	CACTCCCCCTTC TACTCCCA	143
YYJ-201	(TC)9	60	TGGCATTCTGTC CCATGTCC	TCTGTCCCAGGC ATTGCATT	221
YYJ-203	(AT)9	60	GCATCAAGTTGG GCAAGCAA	ATAGGTGGATG GGGAGTGCT	278
YYJ-204	(AC)9	60	GCTCCTCCCAAT CAGTGACC	GTTCCCAAAGG GCAGACTCA	260
YYJ-205	(TC)9	58	ATAATGGGCAGG TTTGGGGG	CAGAGAGAACA CAACCCGCT	206
YYJ-206	(CT)9	58	CCTCTTCACTCCT CAGCAGC	GGAGGCTTTGG TGTCTTCA	224
YYJ-207	(CT)9	58	AGAACCCCTCCT CATACGCT	AGAGGAGTTTG CACGGACTG	241
YYJ-208	(AG)9	58	AGCATCCCCGTC TGTCTACT	TCGGGGTTT CAG CTTCACTTC	251
YYJ-211	(AG)9	58	GAGAGACACCGA GGAGAGGT	TAGAGGTCGAT CTCGGCGAT	222
YYJ-212	(CT)9	60	AGCAGCGAACGA AAGGAAGA	AGTTATGGGGTT GCCTGCTC	106

YYJ-213	(GA)9	58	GTTTGGAGTGGT CGGAGGAG	CCCACCACCAC CTTCTCTTC	224
YYJ-221	(AG)9	58	AAATTTGGAGCG GAGGAGGG	CACGCCATGGC CATTATTGG	218
YYJ-223	(CT)9	58	GCTGCTGTTTGG TTGGTGAG	TCTCCCCTCCGA TTTCGAGT	228
YYJ-225	(AG)9	60	CCCGCAAATTGT TGATGCCA	TCACCGAGTCTG AGTCGAGT	229
YYJ-226	(TC)9	60	CCACACCACCGG AGATTTGA	TCTCGACGAAC GCAATCCAA	231
YYJ-228	(CT)9	58	TTCGACCAGCTT CGTCTTCC	AACAGAGCCAG CTCAGTCAC	244
YYJ-229	(TC)9	58	GTCCACTTGGTG TCCTCAGG	GGTTCGGCGCG ATTAGGATA	167
YYJ-232	(TC)9	58	CGGACATCGTCG GAGGATTT	GCGATTCTCCCA GTCAGCTT	154
YYJ-233	(TC)9	58	CCAATATCGCGT GCAAGAGC	GCCTGCTATGG AGTGATCCC	269
YYJ-236	(AT)9	58	GCAGCAGCAGCC ACATTATC	CAACAGAAAAT GGCCGGTGG	136
YYJ-237	(CT)9	58	GCTCAAACGCCA TCGACATC	AATTGGAGAAG GGCAGACGG	250
YYJ-238	(TG)9	60	AGCTGCTGCAGG TGATAAGG	GCTTCACACAA ACACACGCT	138
YYJ-239	(AT)9	58	CCTGAGCGCAAA TTCCACAC	CGCCTGAACTCT CTCGTCTC	272
YYJ-240	(TC)9	58	CTTCTCCACCTTC GCTCTCC	GGAACCAGTTC GTTTCCAGGA	270
YYJ-241	(AC)9	58	TCCTCAAGGATC CAGGTGAGT	CGGTCCCTGTCT GGTGATTC	231
YYJ-242	(TA)9	58	GCAAATTGACTG CCTCAAGGG	GAGACCGCATC GAATGTTGC	196
YYJ-243	(CT)9	58	TCCGTCTAGCTTT CACTGAACC	ATCTCCTTCCTC CGCCTCTT	154
YYJ-244	(CT)9	58	ATCCCCTCCTCCT CTTTCCC	ATGGGACTCGA CGCCATTTT	119
YYJ-245	(GA)9	58	ACTGTGTTTTGGT CGTCCGT	TGTTTTGGGGTT GTGGGGAA	107
YYJ-248	(GA)9	58	CGCTTGATTCCC CCTCAGTT	ATGCCCTTTCC CTTCATGG	240

YYJ-250	(GA)9	58	TTGCTCTCTGATT	ATGGTCACCTCC	110
			CTGCGGG	ACCTCGTA	
YYJ-252	(TA)9	58	AGAGTGCTAAGC	AGGACCCTGGC	207
			AACCGCAT	TAGGTTAGG	
YYJ-253	(CT)9	58	TCCCTTTTGATCG	GCCACTGAGAG	207
			TCTGCCC	GAGGAGGTA	
YYJ-254	(GA)9	58	CAAGCTCAGTGA	TACTTAAGCCCC	150
			AGCTCCGA	TCCCTCCC	
YYJ-255	(AG)9	63	AGAACGGGAGG	GGGGAGGAGAT	130
			GTGGAAAAC	GAGAGAGGG	
YYJ-256	(TC)9	58	CCCCGACCTAGA	TTCAAGCTCAGC	145
			TCCACAGA	TGGGAAGG	
YYJ-257	(GA)9	63	GCTCCTTCCTCAC	GAAAGCCCCTT	226
			CTTGTC	CCTTCCCTC	
YYJ-258	(CT)9	58	CTCCACCCCTCTC	CTGGGGTAGAC	101
			TCTCTCC	AACGCTGTT	
YYJ-259	(CT)9	60	TGACTACAAGCA	ATCATCTTGGGA	236
			GACTGCCG	AAGCGCCA	
YYJ-260	(GA)9	58	GAAGGGAGACA	GGTGGCTCTTCT	260
			GGCGTGAAA	CCATCACC	
YYJ-263	(AC)9	58	CAAACCTCAGCC	GGCTATGCTCCT	278
			TCTCTCCG	CTGCTGAG	
YYJ-265	(AT)9	58	GGTTCGCCTCAT	CACCGACTGCT	207
			CCAAGACA	AAGTGCTCA	
YYJ-266	(AG)9	58	CTGTCACTCGTC	TCAGAGGCGGG	102
			GCTCCATT	AAACAGAAC	
YYJ-267	(GA)9	58	GCCGTTAGGGAT	TCCCGCAGAAA	241
			CTCTGAGC	TCTCCGAAC	
YYJ-268	(GA)9	58	GCTCGATCACAC	TGTCTTCCACGC	235
			TCACAGCT	TCCAGTTC	
YYJ-269	(AG)9	58	ACTGCCACCACG	CATCAGACCGG	247
			AACAGTAG	ATCCGATCG	
YYJ-270	(GA)9	58	GCTTCCCCACAT	GGCTAGCCCCTC	242
			TGATGCAC	AAATACCG	
YYJ-272	(TC)9	58	AGAACATCGTCG	CTTCCAAGGCA	192
			TGGTGGTC	AACCGCTTC	
YYJ-273	(GA)9	58	GGCGGACTCGAC	GAATTGGCAAG	155
			AATACGAT	CTTCACCGG	
YYJ-274	(AG)9	58	GCATTTGCGGAC	TCGCCAAATCC	230
			GATCTCAC	GTAGACCAC	

YYJ-275	(AT)9	58	TGGAAGTTCCTG AGGGGTACA	CAGCAAACCTT CTGTGGCAC	228
YYJ-276	(CT)9	58	GCTCAGAACTCG TAAACCCCA	CGCTTGGCAAC CATTCACTC	202
YYJ-280	(AG)9	58	CTCCGCCTCTCTT CCTCTCT	GCTTCCTTTCCT CGGCTTCT	148
YYJ-281	(AG)9	58	GTTAGAGCCCTT CCGCACTT	GAAGATCCAGC ACAGCCCAT	206
YYJ-283	(GA)9	58	GCAATCGCTCAC CTTCTCCT	TCCTCCAATCCA AGGCGTTC	141
YYJ-284	(TA)9	58	TTCCACGGGATC ATCCAAGC	GGGCACTCCTA CCAAGTGC	238
YYJ-286	(GA)9	58	TCAGAAAGGGCA AAGCACGA	CAAAGGTCGTC TCTTGCCCT	190
YYJ-287	(TC)9	58	GCGATTGACTGG AGGAGGTC	TGCCTTGCCTAT ATCCTGCG	259
YYJ-290	(TC)9	58	AGACGGCAATGG AACTGAGG	AGAAGCAGAAG ACGACGACG	234
YYJ-292	(GT)9	58	TCACTGCCTGCA TTTTCCCA	GCTTGTCGAAC ACACACACC	143
YYJ-294	(GA)9	58	GAGGAGAGATTG AGGCGTCG	AGTCCAAGTGA GCCTCTGAGA	131
YYJ-296	(AG)9	58	CCCTGGTCGATT GATGTCCC	CCTGCCAATGA CGGTCAGT	198
YYJ-297	(AG)9	58	TGATAACCGTAA CCCGTAACCG	CGGGGCATGGG TTAAGACTT	266
YYJ-300	(TA)9	58	TGGATAGAGCAA GCACCGTG	GGCTGAATTGG GGGAATCGA	172
YYJ-303	(CT)9	58	CAGAGCAACGGG AGAGGTTT	ACACAGACAGG GAGAGGAGG	273
YYJ-305	(CA)9	58	CCTCCAACACCA GTACTTGCA	CTCTTGGGTCTC TGCCTGTG	216
YYJ-311	(AG)9	63	CCTTCGTCCATG CAAGTTGC	CGCCTTCGTCGA CTTCATCT	176
YYJ-315	(TC)9	58	GCCCTTCGCAAC TCAAAATCC	CTCCTTCCCTCC TTCCCTCA	194
YYJ-316	(AG)9	58	TGTCTTGAGGCG GACAAGTC	CGAGGCCTCTCT CTCTCCAA	148
YYJ-320	(GT)9	58	CAGGGAAGTTGT CCTGACCC	AGAGAGGGCAA ACTGGGAGT	246

YYJ-321	(TA)9	58	TGGACTGGATTG GATGGATGC	AAGTGCGCCTTC TTGAGAGG	262
YYJ-322	(GA)9	60	TGCTTACGGTTG AACACGGA	GCACGGAATAT GCAGCAAGC	150
YYJ-323	(CA)9	58	TCGGCTCTTGTTT TGCTCAG	GCTCACACTCG GTAGTCAGC	180
YYJ-325	(TC)9	58	CCCTCATTCTTCC TTTGGCCA	TGGGAAAAGAC AGGCGTGAG	230
YYJ-327	(TG)9	60	TCGCCAGGGAAG TTTGGATT	AATGTCCCCGAT CTCCAGCA	202
YYJ-328	(TC)9	58	CTTTCCTCAGCA CCCCACTC	CTGGGGGAGAG AGAGACAGG	280
YYJ-330	(GA)9	58	AAGAGAAGCGAC CCAGAAGC	CCCTCCCTCCCG CTATCAG	132
YYJ-331	(AG)9	58	CCAATCTCTTCGT CGGGAGG	CCCAACCCCGC GAATCTTTT	232
YYJ-333	(TGA)7	58	TAACGCCGTTGT TAACCGGA	AAAAACTAACC GACTGGAAGGA	242
YYJ-337	(AAC)7	60	TGGATGAGTCAT GAGACCACA	CTGACCAAGGC ATTCCAGGT	249
YYJ-338	(AGA) 7	60	TCTTGCTACGGA GGGTCTGA	TCCTTTTGATTG CTCCGAGC	169
YYJ-342	(GTA)7	60	AAGGGAGATGTG TGCAGTGG	CACCAATCTGCT GTGTGAACA	221
YYJ-343	(CAT)7	60	AGTTCAACCCAA CTCACGGA	ACAGGACTTGA CGACTGCTG	181
YYJ-347	(ATG)7	60	CTTCGCGTGATC CGGATAGA	ACAAATGCAGG TGGTCCTAGG	206
YYJ-356	(GAT)7	58	TGTTCTCAAAC GGGCAAGA	TGAATGCCACC CTGAATGCT	261
YYJ-357	(TAA)7	58	CCTAGCTCATCT GCAACCGT	CACTCCCAGTTC AGTCCCAC	258
YYJ-361	(AAT)7	60	CCCCACAAGTG AATGGTGA	GAGAACCAGAA CAAGGCCGA	247
YYJ-364	(AGG) 7	58	TGAGCCATAGCG AGCAAGAG	CAGTTGAGCTCT CAGCCCAA	226
YYJ-365	(ACA)7	60	GATACAGGGCGG TCTTCGTT	AATGGAActCA CGCGGTGAT	197
YYJ-367	(CGA)7	58	GAGGAAGGAAA CCGTCACGT	GAGTCGGCTCG GTCTTTAGG	139

YYJ-369	(ATC)7	60	CTGTCGTCTGCC ATCATCGA	TTTGTGGTTGCT GATGCTGC	214
YYJ-370	(CTG)7	58	CTCCCTACCCTG CTCCTTCT	AGGACCAACCC ATTCCCAAC	199
YYJ-371	(ATC)7	60	AGCAAATGAAGG GGGAAGGG	CACGAGGGAAT GGTGGTTGA	207
YYJ-373	(CAG)7	63	GATCTCGGGGAT GCTTCTGG	GCAGTTCCTTC ACTGAGCT	207
YYJ-374	(GGT)7	58	TGTCCGTCCACT GAACTTCG	TTCAATGGCTTC GGCACTCT	226
YYJ-379	(CTG)7	58	CCAGCTCTGCCC GTATACTG	CACACGTTGTCC GAAAACCC	260
YYJ-381	(AAG) 7	60	TTTCCCATCCCT GCACTTC	CAGTTCCTTGGC CTCGGGAT	137
YYJ-382	(GTT)7	58	GACCAATGGTGA AGGGAGGG	TGGATCTGCAC AATGCCAGT	176
YYJ-386	(GCC)7	60	ACTCCTTCTTCGC CCTGTTG	AAAGGCTCAAC GATGGGAGG	120
YYJ-387	(CTG)7	60	CACCTTCTGCTGT TGGTTGC	TCCCTCGAGGAT CCGAAACT	253
YYJ-389	(AGG) 7	58	CCTCGTCTTCCTC GTCATCG	ATCTCTCTCCTG CAGGCTCA	179
YYJ-390	(AAT)7	60	TACGGCATAGCA AGCCAACA	TACGGTGTTTACG TTGACCGG	140
YYJ-393	(TGG)7	60	CACTCCGTTGCT GGACATCT	CGGTCTACCAC AACCGTCAA	260
YYJ-394	(CGG)7	58	GCTTCAGTAGGG GTCGATCG	AAAGCGAGCTC AAGGACCTC	147
YYJ-396	(CTG)7	63	CCGCCTTCCAT TCCAAGT	GAATCAGTTCG ACGCGCTTC	259
YYJ-398	(GCC)7	60	AAACAGGTCGAG AGAAGCCG	GCAGCGCCTCA TCTTTTACG	280
YYJ-402	(GGA) 7	58	TGACCTCAAGTT TGCAGCCA	AGAAGTGGAAG GCAGTGCTC	149
YYJ-410	(CCA)7	58	CCATGGAGTTGC ATACCGGT	GTACTCCTGTAC GCCGTAGC	233
YYJ-411	(TTC)7	60	GAAAAAGGAGA GGCCCTGCA	TCCTTGTGCCCA CCTAGAGA	222
YYJ-412	(CCG)7	60	GCAGCAGTGATC CTGTCCAT	TCCTTTTCCATG GACGAGCC	215

YYJ-413	(GCT)7	58	TCAGCCTGATCT GCAAGCTC	TCCATCCTGCAT CCCAACAC	212
YYJ-417	(CCA)7	58	AGGTCTCGGTCT CCTCCTTC	GGGATCGAGAG GGAAGGGAT	119
YYJ-418	(TTG)7	60	GCCACCACCTTT AGGCTGAT	AGGCCAACAAAC CAGAACCTC	152
YYJ-420	(GAT)7	58	AGCACATCTGTC TGTAGCTGAC	GGGAGAGACGG AGAAAGGGA	230
YYJ-422	(GCT)7	58	GGCAGACGGAAA CTTGTCCA	GCCGACCTACG TAAGCTCTC	249
YYJ-423	(ACT)7	58	ACCCTCCCAACA CCAAGGTA	CTCGCGGTCTAC GGATCATC	260
YYJ-424	(ATC)7	58	TGCATAACCACA GCAGCTCC	AGATGTGGTCA GGTGGAGGA	248
YYJ-426	(AAG) 6	63	AATGCCAAAAGC CTCAAAGG	ATGGTCGACTCT TCAGGGTG	272
YYJ-427	(AAT)6	63	AAAAACATGACG AGTTGAAGACA	GCAACTCAATG GAAGCTCAGG	216
YYJ-428	(TTA)6	63	TCACAGACCATG GCTCATGT	TGGTAGATATG GGGAGCATGA	244
YYJ-429	(ATG)6	55	CCAAGCTGATC CAAACACC	TGGAAATTCAA TCTCCTGTGCT	137
YYJ-432	(AAG) 6	55	TGGCCTTCTTCA GAAACACA	AACCGATCCGA TGGTTGCTT	145
YYJ-435	(GAA) 6	55	ACTGTCGGGAAG AGCTTTGG	TCGCCCTCGTAA TAATTAGTTGA	222
YYJ-436	(TAA)6	55	ATTAAATTTAC GAACGACACGA	AACAGCAGCAG AGCAATTGC	133
YYJ-441	(TAT)6	63	ACGATAGGTGAC GGAAAGGA	TGGACTTGAAA GTTGTGACCCA	242
YYJ-443	(TTC)6	55	CGGACACTGGCT TCTTGGAT	AGCAGTGTTTGT CAAAAGGGA	222
YYJ-445	(GGC)6	60	CTGCCGACTCT CTCTCTCT	TCAAGAGATCA GATACCGCCA	222
YYJ-446	(TGA)6	55	TCGGTTCCTTCA GGAGCAAC	AGAGCATTGAC ATTCTTTAGATG GT	241
YYJ-447	(CTC)6	63	GATTTGTCCGTCT CCCTCCC	TCCTCATCTTCA CCTTCTGCA	146
YYJ-448	(AAG)6	60	AGCCATGTAGGA	CCATCCTGTGCA	267

	6		GAGACCGT	ACATACAATTG	
YYJ-449	(ATT)6	60	TCTGTTGCTTCCT	GATTTCTTCGGA	236
			ACTCGGT	AGCAGCGC	
YYJ-450	(TCA)6	60	CGAAATCGGTAG	CCGCCCCACTA	234
			AAAAGGTTTTGC	ACTCATGTA	
YYJ-451	(ATA)6	60	GGAAACACAAAG	GGATCGAACT	230
			AAGCAACCCA	GTAGAGGCA	
YYJ-453	(TCA)6	60	TTTCCAAGTCCA	CTCTGGTGGGTC	100
			ACCTCCGT	TTCTGCAA	
YYJ-456	(GAG)	63	GCACGGACCTAC	GGTCCGATCTCC	197
			AAACATGC	TTCTAGGC	
YYJ-458	(GCT)6	60	GCTCTCGCCTGTT	ACCCATGATGC	243
			ATGCATC	AGCAGGATT	
YYJ-459	(GAA)	55	ACAGCCCCGATA	TCAGAACAGTG	270
			GCAAAGTT	GCTCTTGCT	
YYJ-460	(CTG)6	55	GCAGCCTGCAGA	ACGGGAACTAT	155
			TCTCTGAA	TTCAGGCTCT	
YYJ-461	(GCA)6	55	CGGGAGAAATGT	CAGTCCCCGATA	244
			TCCTGTTCC	GACCGATGC	
YYJ-464	(GTG)6	60	CTGTAAATGGGA	TACAATTGCGA	214
			CCTCGGGT	CCCACCACA	
YYJ-465	(TAA)6	55	AGCGTTGTTAC	TGGTACCACTAT	168
			TTGGCTCT	ATCACAAGACG	
				A	
YYJ-468	(TGT)6	60	GGATGTGATGCT	GGACCGCACAG	273
			GTACGTGC	CAATTTTCA	
YYJ-469	(AAG)	60	AGCAAGAGAAAC	CCTCTTGGTGCC	116
			AGGAGGATCA	GTTACTGT	
YYJ-470	(CAG)6	60	CGCCTTCCCGTTC	TCATGACTCGCT	264
			TTGTTTG	TGGAAGGT	
YYJ-473	(GAG)	60	CGAGATGGTCGC	AACCAGAAGGC	174
			TGTTGATG	TTACTCCGC	
YYJ-474	(ATT)6	60	TGTAGCCCTGCC	TTTTGGGTCAAG	268
			ACAATTGA	GGACTION	
YYJ-475	(ATT)6	60	ATTGTGTGTGCC	TCCATTCCCATT	145
			CTGAGAGG	CACGTAGACA	
YYJ-476	(TGA)6	63	ACTTTTCCGGGT	GAGTGGCCGTC	253
			GGCTTGAA	CAAAAACAT	
YYJ-478	(GAA)	60	ACCAAAGCTGAA	CGAGCCACTAG	209
			CCCACAAGA	AGGTATTAGCA	

YYJ-479	(CCA)6	63	CCCCGACCTACA GCAATGTA	CCTTTCATCCC CCATTGCT	119
YYJ-480	(TCT)6	55	ATTGAGTGTGTG CGTGTGTG	AAAGGTGCGGT GAAGGGAAT	143
YYJ-481	(CTC)6	60	GACAATGGTTTC AGCCGACG	GCCAAACTAAA CTCGCACGT	205
YYJ-482	(AGA) 6	63	AATTAAGGAACC CCCACCCC	GCGGATGCTCTC TCTCTTCC	146
YYJ-484	(AAT)6	63	ATGGATGCAAAA ACCAGCCC	TCTGTCAGGTTT GAGCACCC	131
YYJ-486	(GAA) 6	60	ACAGAGACAGAG ATGGGGGA	AGTCACCCCGA GCATTGAAG	245
YYJ-487	(TCT)6	58	AGGGTGTATGTA GCCCCGAGT	AGCTGAACCGA GAAAGCTGA	234
YYJ-489	(ATA)6	55	GGAGCGATATCA CTGCACGA	GGTTCTTCCACC CGACAGAT	197
YYJ-492	(TGA)6	55	TCCTTCTGCTTGC TGATTCTGA	TGTGGGGCTCG AATTGACAT	241
YYJ-493	(GAA) 6	63	ACAAGAATTTTA GTCAAGTTTCGA CGA	CCCCTCGACCTT ACTATTTTCG	123
YYJ-494	(TAA)6	60	GGTTGTACAAGT GCCGAACG	CTGCACACAAA AGGAACCCC	250
YYJ-495	(CTC)6	60	GGTGTCTGTGACC TTATCCGG	TCTTCGAAGAC GCCATTTGC	214
YYJ-496	(ATG)6	55	AGAGAAAGTGGT TGAAAGGGCA	ACTGAGCACCC GGTAATTGT	211
YYJ-497	(TCT)6	60	GCAACCAGAGGT CATAGGCT	TCCTGTGCCCTT TCATTTCC	238
YYJ-498	(ATT)6	60	GACAGGTCGGTG AAGATGCA	CAGGAAAGTGG GTCGGATGA	227
YYJ-499	(AAT)6	60	ACATCAGGCATT CGGACCTG	ACAGTCGAGTTT CACCTCCC	209
YYJ-501	(CAC)6	55	GCCACAGTGTTG CCATTCAA	CAGTGTGTTTCT GGGGGTGA	266
YYJ-502	(AGC)6	55	AGCCGAGAAAGA AGAAGCGA	ACACCCCATAC ATGCATGCA	263
YYJ-503	(AGG) 6	55	TGACCTTCACTG TCTCCACG	ATGCTGCAGAT GTGGATGCT	172
YYJ-505	(TGA)6	55	GGGGAGGCACCA	TTGGTTCTCTTG	266

			AACTACTT	GCCTGCAT	
YYJ-506	(CGC)6	55	GACTTGTGAGCG	CCTTCCTCTAGT	173
			AAGGTGGA	CTCAACCAATC	
				A	
YYJ-507	(GGA)	55	CGGATACCGCCA	ACGGCGTCATTC	172
	6		TATTGGGA	AGGAAGAG	
YYJ-508	(GCG)6	55	GCCTCCGGATCA	ACGTTCTGGTGA	268
			GGTACTTC	AACGACGA	
YYJ-509	(GGA)	55	CTTCTCGCCGGT	TTTCCCGATTCT	226
	6		GATGTTTG	CCCTCCCT	
YYJ-511	(CTG)6	55	TCCTTTTCATGCA	ATTAGTCTGCGG	274
			TCCCCGA	TCTCGTGC	
YYJ-512	(TGC)6	55	ATTGCCCGGAAG	TTCCCGGAGTTT	278
			AACTGAGG	GAGCAAGT	
YYJ-513	(GCT)6	55	GGTCCCTGCAGA	CAACAGGTCTC	191
			TCCATCTC	GAAACCGGA	
YYJ-515	(CTG)6	55	GTGTCAGCTGAG	CCCCCTCATTCA	204
			TCTGCAGA	TCCAGAGC	
YYJ-516	(GGA)	55	AAGGAGACAGA	GCTCCCTTCCTC	280
	6		GCCTGCATG	TGTCTTCG	
YYJ-517	(GTG)6	55	TACCTCGAAACT	GCAAGAGCCTC	260
			CTGCGCTC	CTGTTAGCT	
YYJ-518	(GGC)6	55	GATCTCGGCCCT	TACGCCAGGAA	266
			GGAGAATC	AGATCGCTC	
YYJ-519	(CTG)6	55	GCAGTGTGAGCA	CTTCTCGGTTAG	218
			AAGCCTTC	TCGGGTCC	
YYJ-520	(AGG)	55	GGGAGTTGAGC	TACATATCGTGG	256
	6		AACGAAAA	TCGCGGTG	
YYJ-522	(TGT)6	55	CTGGCACATGAA	AGAGAAGTGAG	278
			ACCCCTCA	AGGAGAGGCT	
YYJ-523	(CTC)6	55	GATACTGGTCGG	GCCAAAGGAGA	129
			TCGGGTTC	AACCAGAAGC	
YYJ-524	(ACA)6	55	GCCCAGCACTGC	AGGCAGGGCTT	191
			AGGTATTA	ACACTTGTT	
YYJ-525	(CTC)6	55	AAGACCCTCAGC	CTGTCCCTGCCG	100
			TTCCTCCT	AGAATGAA	
YYJ-526	(GGA)	55	TGAATTATCTCC	ATTCGACACCC	205
	6		CAGCCCGC	AATCCCCTG	
YYJ-527	(CTC)6	58	GATGCCATGTCC	CTCTCCTGCTTC	277
			CTCCCAAT	TTCCCGTC	

YYJ-528	(CTT)6	58	ATCGGGCTGCTT	ACGTGGGCGAA	216
			TTGAGGAA	GGAATTGTA	
YYJ-530	(AGC)6	58	TTCGTCTTCCCTC	AGCAACGAGGT	224
			GGTTTCC	GCGAAGTAA	
YYJ-531	(GAA)	58	GTGGATGGATCT	TCACAGCTCCGC	164
	6		GACCAGGC	TTACAGAG	
YYJ-532	(TGC)6	58	CTCTTCGTGGAC	GTTGCGGGAAA	148
			TTCAGGGG	TCGAAGCTC	
YYJ-534	(GAG)	55	CGCACACAGCAT	GCCCTTTTCACT	192
	6		CACCAAAA	TCCACACG	
YYJ-535	(AGG)	55	TGCTCACTCTCGT	TTTCAGAACCG	259
	6		GCTATCG	AGTCCGACG	
YYJ-536	(AGT)6	55	TCCACACCACTC	TCGTGTCTGTGTG	220
			AGTTCCCT	TGTCTTCT	
YYJ-537	(CCG)6	55	GCATGGTAATCG	GATAGCGACTG	207
			CAGCTGAC	AACGAGGGG	
YYJ-538	(CTC)6	55	TGTGAGGCTGGC	CTCCACAACCC	154
			ATCTCTTC	AATTCCAGGA	
YYJ-539	(TTA)6	55	AAATGGGGACTG	TCCCCTCCCCCA	251
			GGAATCCG	TTTCTCAT	
YYJ-541	(ATC)6	55	GCCATGCGCAAA	AGGCAGCTTCCT	221
			AATAGGCT	CTTGTGTT	
YYJ-542	(CAG)6	55	TGCCCACCCATC	TTTGCGATAGTG	251
			AATGCTTA	AAGGCCGT	
YYJ-544	(AGA)	55	AAGCTCGGCAAG	AGGGCACGGAG	222
	6		AACGGTTA	GAAGAGATA	
YYJ-545	(GAG)	55	TTCTTCTCCAAGC	CATCCTCTCCCT	150
	6		TCTGCC	CCACTCCA	
YYJ-546	(ATC)6	55	AAACTAAAGCGC	GCTTTAGGGAA	265
			GCACACAG	ATACAGGCGC	
YYJ-550	(GAA)	55	ACTCAAACCTCG	CAGCTGGCTGG	252
	6		CACTCCTG	AGAGGATTT	
YYJ-551	(ATT)6	55	AGTTGCTGTAAA	AGATCAATCAC	141
			GGACCGCA	GGGAGCACC	
YYJ-552	(GAG)	55	AGGCTCCGATTG	CAGGAACCAGC	280
	6		TTGCTTCA	CGAATCTGA	
YYJ-553	(AGC)6	55	TACAACCTCCCT	TGCCAAGCAGA	166
			CGACCGAT	GACTACTCTC	
YYJ-554	(GCA)6	55	ACTGGCTGTCAA	GCAGCAATGTTT	162
			GTTGCTGT	TGGGACCA	

YYJ-555	(GCC)6	55	GCCAGAGGAAGT TCCGGTAG	AACGCCAGCAC CAGACTAAA	236
YYJ-557	(TAA)6	55	CCAAAAAGCAGC ACCCACTC	GAGGTGGCTCT CAAGTGGAG	230
YYJ-558	(AGA) 6	55	CCCCTGTTGAGA TACCAGGC	GTGCTTTGAGCT GTTGTGCA	100
YYJ-560	(AAG) 6	55	TGTTTCCGACGA GAAAGGCA	CTTTCTCTGGGG TCGCTCTC	266
YYJ-561	(TTC)6	55	GTGTCGACTGCC TATGGAGG	AGCTTCCGTATC TGCTGGTG	273
YYJ-562	(CCG)6	55	CATCTTCGACCT CGTCCTCG	CTAAGACTCCC ACCCAGTGC	240
YYJ-563	(GGA) 6	55	GACTCCTCATCT GGCAGAGC	CTCCCAGAACTT CGACGAGG	246
YYJ-565	(TTA)6	55	TTCGAGTAGAAC AGGCACGG	TCGGTAACACTT TTCGCCGA	207
YYJ-566	(CTG)6	55	GTTTTACCGCAG CGTTCCTC	AAGCAGTTCTTC AGCACGGA	142
YYJ-568	(TGA)6	55	GAGATCCAGCCT GATGTGCA	TCATCCTCCTCC AACACCTCT	242
YYJ-570	(GAA) 6	55	CCACCGCCGTTA TAGTCTCC	AGGTAGTGGTT GTTGGTTGCT	101
YYJ-571	(CTG)6	55	ATGGATTTCTGC TCGACGGG	AGCAGAACTTC ACAGCAGACT	244
YYJ-572	(CAG)6	55	TTGAAAGGTTG GTGGTGGT	CTAGCCAACTG AGAGGTGCC	244
YYJ-574	(TTC)6	55	CCACCTCCCGAA TTTCCCAT	TGATGAGGGTA CAGCCGAGA	232
YYJ-575	(CTC)6	55	AGGTAGAACTTG CAGGCGTC	ACCCAAACCTG GAAAACCGA	279
YYJ-576	(CAC)6	55	ATTCTGTGCATCT CCGGCTT	TCGAACTACTG GATCGGGGT	221
YYJ-577	(TCA)6	55	GGAGAAATGAGC ATCCCCGT	ATGCCCAAACC CGCTAAAGA	183
YYJ-578	(CTC)6	55	CGCGGGTACTTT CTCCAAC	TGCTAATGGAA TGCCCGGAA	132
YYJ-579	(GAA) 6	55	TCCCCGAAGAGA TGGCTGTA	TCGTCTTCCTCC TCTACGCT	180
YYJ-581	(GAA) 6	58	TGCAGAGCTTAC AGAGGCAG	ATAGAGGTGTC TCGTGGCCT	225

YYJ-582	(TGC)6	55	GTGGGGGCAAGA TTGTCTGA	GCTAATCGTCA AGCTCCCCA	257
YYJ-583	(GTC)6	55	CCGGGAAGCTCG AGTTAACA	AGGATGGGGAC TCCGATCAA	202
YYJ-584	(TCT)6	55	AACCTACGGGAA ACTGCTGG	AATGGTAATCG TCCCCGGTG	264
YYJ-585	(GCC)6	55	GTAGAGCTTTTCG GGGCTTGA	GGTTAGTGGAG GTGGGCTTC	181
YYJ-587	(GCT)6	55	TCAAGGCACTGT CCGAGATG	AAGCTGTGTAT GGCCTCACC	164
YYJ-588	(AGA) 6	55	TATCGGGTGCAG AAGAAGGC	TGTAGTGTCCCT TGGCGTTC	272
YYJ-589	(ATC)6	55	TTTCTCGGAAGG CACTGGAC	CAAGCGATCCC GAGAAGGAA	212
YYJ-590	(GAG) 6	55	TCTGAAACGGAC ACTGCGAA	AACCCAAGGTT GAGTCGGAC	239
YYJ-591	(GGA) 6	58	CCACGGGACAAA GTCACAGA	ATCCTCGAATCC GGCTGTTC	188
YYJ-592	(TCC)6	55	ACGGTCACATTC TCTGGACG	AGGGTTGTTGTT GCTGGGAA	279
YYJ-593	(TAT)6	55	CAGCACTATCCC AGGAGCTG	AGCCTGCTATCG ACAAGCTC	179
YYJ-595	(ACA)6	58	GCCACAAGCAAAA CACACAGT	AAAGACAGCTG TGGGAGAGC	101
YYJ-596	(CTT)6	55	GCTCCTCCAGTC AAAACCCA	GACGGTCTGCT ACTTCCGAG	199
YYJ-598	(TAT)6	55	GCGACTGCCATG GTCAAATC	GGCCTGCTTAGC ATCATCCT	232
YYJ-599	(TTA)6	55	AAGGGTTGTTTG CATGCGAG	AAGTAAGGCCG TCTTCGCTC	223
YYJ-600	(CCG)6	55	GAGACGAGAACT CCTCCAGC	TGTGGCTGAAA GTTCTCGG	274
YYJ-601	(TCC)6	55	GCACTGGACCTC AAACCTCA	CTGCCGCTGATT AACACGTG	140
YYJ-602	(TCT)6	60	ATTGATGCGAGC GCTTGTTT	TCAGCACGAGC AGAGTGTTT	150
YYJ-603	(CCA)6	55	GCAACGGAGGAA AAGACAGC	CTTATAGGCGG AGGGCGAAG	171
YYJ-604	(TCT)6	60	CGTGGAATCGCG TATGAAGC	CATGGCAGTGG GGATTCTGT	262

YYJ-606	(AAG) 6	55	AGACAAGCCGCC ATAACCAA	ACATCCCCCTCA ACTCCAGA	188
YYJ-607	(GAG) 6	60	TCATTCTCCCTCC CCCTGTT	CTCCGACCAAC AAGTGACGA	229
YYJ-608	(CTG)6	55	TTTGGGGCGATG AACTGACA	ATGAAAACGGG AGGCCCATF	225
YYJ-609	(CTT)6	55	ATCCCCTTCACC ATGGAGGA	GATACCCAACG AGGCCTCTG	218
YYJ-610	(GTC)6	55	ATGGAGAGTTGG GGATGGGA	ATTCAGGACGT CTCATCGGC	109
YYJ-611	(TCC)6	55	GGTGCCTCCGTT TCTGAAGA	AAAAGCCCAAG TACAGGGGG	214
YYJ-612	(AGA) 6	60	GCCTTGTCAGCC ATTCTCT	GGGACATTTAC CGGATGGCT	280
YYJ-614	(TTG)6	55	AGAGGGAGGAG GGCTCATTT	GTTTGTGCTG TGGTGGAC	257
YYJ-616	(AGC)6	60	CGTGATTCGGCG GACAATTC	ACCCTTCACCCT TAGCTCCT	261
YYJ-617	(TGG)6	55	TCAATAGGTCCG CGCATACC	CCCACACAGTTC CCAATCCA	280
YYJ-618	(TTC)6	55	TCTACCCCGGC ATTGAAAC	CATCAACCTCTG CCTCCTCC	182
YYJ-619	(AAG) 6	60	GCAGAACTTGAG GCCCTCT	GTCCGAGGTGTT GGGTTTCT	243
YYJ-620	(CAG)6	55	TACAGCAGGCAC TTGAGTGG	ACAATTCCTCGG TGCCTTGT	189
YYJ-621	(AGA) 6	60	CACCTGCTTCCA CTCCACAT	GGAGAGCTCCT CTTGCATCC	160
YYJ-624	(GCC)6	58	TCGTCTCCCCCG AGAAAGAT	ATGTGATGTGTC GGAGGAGC	268
YYJ-626	(CCT)6	55	TCTGCCTCTGCCT TCATGTG	AAGTTGCCGGA TGCGAGTAT	212
YYJ-627	(GCT)6	55	CTGGTATGGTTC CTCCTGCC	AAGTCGACTGT CAGCGGAAG	247
YYJ-628	(AAG) 6	58	CATCACCGGCCT TTTCTCT	GCTCCACTCTCT GCCTCTTC	132
YYJ-629	(TCT)6	55	CTTCCATCCTCG GCTTCCTC	TCTTCTCCGGTT GTTGCTCC	108
YYJ-632	(CCA)6	55	TGTGTTGTTCGA GCATGGGA	GAATCTCTGCCG CTCCTCTC	185

YYJ-633	(AGA)	55	GAGCAAGACGGA	CGCCATCCTCAG	200
	6		TATGGGGG	AAGACTCC	
YYJ-634	(GAA)	58	CTCGGATGGCTC	GTTCCCTGCTCG	127
	6		TAGCAGTG	GCATATGA	
YYJ-636	(TGA)6	58	CTCCTCCACCGC	CTGTCGCCTCTT	266
			AACTGATT	CCTCTTCC	
YYJ-637	(GGA)	55	GACAAGGCTCTC	GGGATCGGGTC	267
	6		GTTCCACA	GTTTCCTTAC	
YYJ-638	(TTG)6	55	AAAGCGATCAAG	ATTGACATGTGC	263
			AGGTCCCG	CAGCAAGC	
YYJ-640	(ACC)6	55	CCGCCATGTACG	GCAAAACTCGG	253
			GTAGTTCA	GGAGTCGTA	
YYJ-641	(CAT)6	55	CGTTGCTTGCTG	TGAGTGTGAGT	227
			CTCTGTTT	GTGACTGGC	
YYJ-642	(AAG)	55	CTGCGGATTCCC	CCGGTGCTTTGG	158
	6		CTTCAAGT	TCGAAATC	
YYJ-643	(AGG)	60	CGCAAAGCCTCC	CCACTACCACC	174
	6		GAATTGAG	ACCACTGTC	
YYJ-644	(CTT)6	60	CTTCAGCAGCAT	TGTGACTCTCGG	190
			CGTCAAGC	ACTCGTCT	
YYJ-646	(CGG)6	55	GATAGGGTGCTC	AAATTTAATGG	174
			GACTTCGG	ACGGCCGCG	
YYJ-647	(CTC)6	55	GGCCTGTTATCG	GCGTCGCCGAA	209
			CCCGATTA	TTCATCAA	
YYJ-650	(CTA)6	55	TCCCATCGCTTCT	TGCAGCATTGGT	115
			TTGCAGT	TTTGCATGA	
YYJ-651	(AGA)	58	ACCCAATAAACG	GCGCCTCTCTTC	245
	6		GAACCCCC	TCTTCTCTC	
YYJ-652	(CTC)6	58	TTCAACTATCCG	CGAAGAAGTGC	275
			CGGGTAGC	AGTTTGGTGG	
YYJ-653	(TTC)6	55	CATGGCGGTCTC	CCAGTTCACCCC	131
			CCCATATC	ACAAAACAC	
YYJ-654	(TCA)6	55	TCAGGGACAGAA	ACTGGCCAAAG	179
			AGAGGGGT	AGTGCAAGT	
YYJ-656	(TCT)6	55	AGGAGGAAGGA	CTCCTTCCCCTG	152
			GACGAGCTT	GTAGTGGA	
YYJ-659	(GAA)	58	TCCCGTTCTTGT	AGGCCCCACCA	187
	6		GTTGAGG	GAATATCCT	
YYJ-660	(GGA)	55	AACTCACTGGA	AGCAGTTCCAT	161
	6		GAGCCTCT	GACTGCTCC	

YYJ-661	(TGG)6	55	TGGGAAGTGGGT	ATCATCCTGCTG	121
			TGTGGAAG	CAACTCCC	
YYJ-662	(AGG)	55	TCCTCACCATCA	TGGTCACTGGTC	255
	6		CCACAAGC	TCCTCGAT	
YYJ-663	(CTT)6	55	AAGCAAAGCAGA	AAGCGGGGACA	217
			TCCCAGCT	CGAATTCTT	
YYJ-665	(TGA)6	55	AAGCTGCAGTTT	TCGAGGCATCA	192
			CCGGCTAT	CCCAAAACA	
YYJ-666	(GCT)6	58	GAGGGTTGAATG	TTCATCACCCAG	184
			TGGCAGGA	TCCTGCAC	
YYJ-668	(AGC)6	55	GACACCAGAAGA	CCCAGCAAGAT	270
			AGCCACCA	CAGAGCCAA	
YYJ-671	(CAT)6	55	TACAGCTCACAT	TCCTCCGTCTCC	277
			CGATCGGC	TTCCCAT	
YYJ-673	(AGC)6	58	ACTTGCCTCTTC	GGTGGTTCCATC	182
			TTCTGCC	GGAGTGTT	
YYJ-675	(TCC)6	55	TCCTCTTACCCCC	GGAGACCAGAA	230
			GCCATTA	TGAGGAGCG	
YYJ-678	(AAG)	58	CCCTTCCATCTTC	TGGGCTCTCAAT	274
	6		GCTCCTC	TCGCCATT	
YYJ-679	(CTC)6	55	ACCATCCTTCCTC	GGAGCGGCTGA	154
			GACTCGA	AGATGATGA	
YYJ-680	(GAA)	58	GTGAGAGTGGAG	AGTTTGAGCACT	220
	6		GGACATGC	TGACCGGT	
YYJ-681	(GCT)6	58	TCACCTCTTCAC	AGGCCCTGCTG	165
			AGAACGGC	GTAAAGAAC	
YYJ-682	(GGA)	58	ACGAGCTTGAAA	GCCCTCAGTTTC	221
	6		GACGGGAG	AGTCCCAA	
YYJ-683	(TAT)6	58	CCAGTCGCAGCG	GCAACTACCAC	196
			ATATTCCT	CATCCCAA	
YYJ-684	(AGA)	55	TCCCCACCCACA	GGACGGCATCA	269
	6		AACATACG	TCGGATTCT	
YYJ-685	(GCG)6	58	AATCCGAACCGT	GCTCATTCGGCC	277
			TTCCCTCC	ATCACCTA	
YYJ-686	(GCT)6	58	AGACATCGGAGG	GGCTCAGACTC	198
			GAAGAGCT	GGATGGAAG	
YYJ-687	(TCC)6	58	AAGACTGCCAGC	CCAGCCATATCC	229
			TCCAATC	GGGACTTC	
YYJ-690	(TGA)6	55	TCGGAGGACTGA	GTGTCTCCCTCA	174
			CGTCTAGG	GCATCCAG	

YYJ-691	(CTC)6	58	TTCTTCTGATCTG CGCCCTC	AGCGTGGAGAG AGAAATGCC	168
YYJ-692	(AAG)6	58	GCACCGTAATCC TCCTAGCC	CGGCTGCTGAT GATGATCCT	250
YYJ-693	(AAG)6	55	TCCTCACGCCTG CAAGAAAT	GACTGCCATAC CTACTCCGC	250
YYJ-694	(GTC)6	55	TCAGGGACTCCA TCTCCGAG	AAGATCCCGTA AGCGTCCAC	232
YYJ-695	(TTC)6	55	CGCCTCCGCTGA TAGGAATT	CTCACCCCCAG ATAATCGCC	203
YYJ-696	(GGA)6	55	TGGCTACCGGCA TTCACAAT	TCGGCGTGAAT GAGATGAGG	226
YYJ-697	(CAA)6	55	GAGACGAACTTC ACCACGGT	TTTGAGGCAGT GGAGAGCTG	212
YYJ-698	(CAG)6	55	ACAGTCTTGTC GCGGAAAT	GGCGATGACGG TGATCTGAT	200
YYJ-699	(CCA)6	55	CGACAACCACTT CTTCCCGA	GAGAAAGTCTT GCCACCGGA	191
YYJ-702	(TGA)6	55	TTGCGATTGAGA AGCCCAGT	GAGGACGATGA AGGCGTAGG	168
YYJ-703	(TGC)6	55	ACTGAATCTTCA CCGCAGCA	TGCGGCTGAGTT CTTACGTT	222
YYJ-704	(TTC)6	55	GGAGGTTTGGGG ATCACCTG	AGATACGCAGT TTCGCGGAT	127
YYJ-705	(TTC)6	55	GGGTAACACCGG CTGAGAAA	TTCTATCATCGG CCGCAGTC	257
YYJ-706	(AAC)6	55	GCATTTTGCTAG CCGATGCA	GCCCCTGCAGTT ATTCACCT	157
YYJ-707	(CAG)6	58	GGAAGGTCCACT CACAAGGG	GTGTTTCGTTTG GACCCTGC	210
YYJ-709	(GGA)6	55	AGAAGAGCTTGA GCCCAAC	CGGAGGCGAGC TTCTTCTAG	268
YYJ-712	(CAG)6	55	TCAAAGCTCGAC ACACGGAA	CTTCTCGGCTCC GGTTTCTT	271
YYJ-713	(CTC)6	55	AATGGGCCAGAG CTGTCTTC	TTCTGCCGCGAG ATCTTCTC	215
YYJ-714	(GAA)6	55	TCGGGATCTTTA GCGGCATC	ATCGGCGATCTC TTCTGCAG	228
YYJ-715	(GAA)6	55	TGCAGAAGAGTC CACAGCAG	ACTCTCGCAAG CTTGTCGAA	254

YYJ-716	(GCT)6	58	GTTGCTGTTGCT	CCGAGCCAGGA	112
			GTTGCTGA	CCATCTTTT	
YYJ-719	(GAG)	58	GCACCGGTGTCA	CGGCAACTTCTC	209
	6		ATATTGCC	CATCAGGT	
YYJ-720	(GCC)6	55	AGAGCCGGTCGT	TCCGCGATCGAT	238
			TCATGTTT	CTCAACAG	
YYJ-721	(GCT)6	58	CCACTCTTCCTCC	GCGTGAGAGAG	184
			ACGTGTC	GTGATGAGG	
YYJ-722	(TGG)6	55	GATCGGGGCAGA	CGGGATTCCCTG	159
			AGTCGTAG	ACGAGATG	
YYJ-723	(AAG)	55	GCAAGGGAGCCC	CAATCGCCAGC	209
	6		AAAAGTTG	ATTTCTCGG	
YYJ-724	(CCA)6	55	AAGAAGTTCCTG	CCGTTGCATTCA	125
			GCCAGCTC	TCGTCGTC	
YYJ-729	(ATT)6	55	GCTGCAGGCTTC	GCCGATCGATG	221
			TTATTCGC	TGAGCTGTA	
YYJ-730	(TCT)6	55	CTGTTTCTCGGG	CGATGAGCAAA	190
			GATGCTGT	GCCGTCAAG	
YYJ-731	(GGC)6	55	GAACAACGGCCA	GGTCGAACTGG	188
			TAAGTCGC	GAGAGGTTG	
YYJ-732	(AGC)6	55	GATCTGAGAGAC	GACTACCCGAC	202
			GAGCACGG	CGACGATTC	
YYJ-733	(GAA)	55	GAGGATGACGAC	CGCAACACACA	205
	6		TGAGAGCG	ATCAGCACA	
YYJ-734	(GAA)	55	CGATGTGGTAGG	ATCGAGCGATC	220
	6		AGACGTCG	GACTGTTCC	
YYJ-735	(GAA)	58	ATCGCCTCCATG	CGAAACGTCGT	175
	6		GATGAAGC	CTTTTGCCA	
YYJ-736	(GCA)6	55	TGCGTCTTGACT	CAGGGAAGGTT	260
			TCATCCCA	AGCTGGGTG	
YYJ-737	(TCT)6	55	ACCTCTCCCTTG	GGGCGACTGAG	123
			AGTCGGAA	TTCCTGAC	
YYJ-738	(CTC)6	55	TTGTCTGCTGCC	AGGGAAGCTCT	154
			TTATCCG	TGGGAGTCT	
YYJ-739	(TGA)6	55	TGGAGAGGAATG	CATTCCTTCCTT	264
			GAGGCAGA	CCACCCCC	
YYJ-740	(CTC)6	55	TTGGGTTGTGGA	AGAGAAGGGGC	174
			TGATGGGG	TGAGAGGAG	
YYJ-741	(GAA)	55	TCGCAACATGAT	AACCAGATCCG	273
	6		TCTGCCCT	TGTCCCCTA	

YYJ-742	(GAG) 55	TCATACCTCAGA	AGCTCCAGCAG	206
	6	CGCCTCCA	AGAGGAAGA	
YYJ-743	(GGA) 55	TCTTCGTCCAGG	AAGGCATGGAC	200
	6	TCCGAGAT	CTGCATGAA	
YYJ-744	(ACC)6 55	TAACGGGCATTC	TGAGATGGTGG	241
		CTTGGTCC	ACTCGAGGT	
YYJ-745	(CTC)6 55	GTGGCACAAACC	ATGAGAGTGGG	107
		CATTTCCC	AGAGGCCAT	
YYJ-747	(GGT)6 55	TGCTCGGGCTTT	AACATTGGCAC	208
		GTTCATCT	CCCCATAGG	
YYJ-748	(TCG)6 55	TCCTCAGTGCAG	AGAGGAAAGCA	257
		TATCCCCA	CGTCAGAGC	
YYJ-750	(ATC)6 55	CCAACAACCTCC	AGGTACTGCTC	116
		CCCAGTAC	AGCCGAGTA	
YYJ-752	(GCT)6 55	ATGCACCAGGGG	AGACAAGTGGA	201
		AAGTATGC	AAGCAGGGG	
YYJ-753	(TGG)6 55	GGGATGGCTTTA	TTTGAGCCTTGG	269
		CCCTGCTT	AGCATCGT	
YYJ-754	(TTA)6 55	GGGCATTCTTCT	CCAATGCCCTCA	184
		GGTGGACA	CTGCCTTA	
YYJ-755	(ACC)6 55	GCCTTTCGAACC	AGGGTAGGAAG	152
		ACCAGAGA	CTGGAGGAG	
YYJ-757	(AGC)6 55	ACCTTGATGCTC	AAGCCCTTCCAT	246
		CGCAAGAA	TTCCCGAG	
YYJ-758	(CTC)6 55	AGTCCCTCGTTTC	TTCCTTGACAAT	225
		TCTCCGA	CCGGGAGC	
YYJ-759	(CTT)6 55	ACTTCTGGCATG	CATGCCTCCCTG	145
		GAGGAACG	TTCCAAGT	
YYJ-760	(GAA) 55	ATGGCAACTGGT	TCGTCTTCCTAG	124
	6	TCAGGAGG	CTCCGACA	
YYJ-761	(GCC)6 55	CGTACGGCAAGA	ACTCCTCTTCTC	205
		CTGTCACT	CTGTCCCC	
YYJ-762	(GCT)6 55	CTGGTCAGCCTC	AGCTCCACCTCA	220
		TTCTTGGG	CCAAATGG	
YYJ-763	(CAG)6 55	ATCAGCACTACG	CTAGCCCTCCTT	186
		CCCATAGC	GTCCTCCT	
YYJ-765	(GCT)6 60	TGGAAGCTGAGG	TCACAACTCCA	273
		CGAAAACCT	GCAACAGCA	
YYJ-767	(TTC)6 55	GGCTGAAGCTCC	TCGTGGGTGAG	105
		TCCTGTTT	AGATCGAGT	

YYJ-768	(GCT)6	55	GGCTTGGAAGTG	TGCACAGGATC	258
			TCGGAAGA	ATGTGCCAT	
YYJ-769	(GGC)6	55	GCACTGTCCCAT	ATGCTGTCTTCT	279
			CAACTCCA	CCAACGGG	
YYJ-770	(AGC)6	55	TTCCGTCCATGA	AGACCAGAACC	119
			CACGTGTT	ACCTCAGGT	
YYJ-771	(AGG)	55	AGCTGGGGTTCT	AACAACCTCCTC	277
	6		GCAGATTC	TCAGGCCG	
YYJ-772	(CAC)6	55	CCTCGCCCTTCTC	TTGCCTCGGATG	225
			ATCATCC	TTGCTGAT	
YYJ-773	(CGC)6	55	GTAGGTCTGACC	GTCAAAGATGG	207
			CGTGCAA	GGTCCTGGG	
YYJ-774	(CTC)6	55	GACTAGCGGGTG	ACCTGTTGCCTG	116
			CATGTTCT	CGAACTTA	
YYJ-775	(CTT)6	55	ATTTCTTGAGCA	TTGACGGGCTGT	220
			GAGGGGCC	TCTCTCAC	
YYJ-776	(GAG)	55	GCTCGGCAGGTG	TCTTCTTGCTTC	181
	6		AAGTTAGT	CATGCCGT	
YYJ-778	(GGT)6	55	CCTGCCAGCAAC	TGGAGGCTGCC	171
			GACTAGAA	TTGTACTTG	
YYJ-779	(TGA)6	55	TGGGTTGCAGCA	AACTAGGGTGC	238
			GTCAGTAG	ATTCCACGG	
YYJ-780	(AGA)	55	CTAACCCCTAGCC	GGTATCGACCT	175
	6		ACCTCCT	GTCTGCTCG	
YYJ-781	(CTC)6	55	CACCACCTCTTTC	TGTGACGTAGA	255
			CCCTTCC	GTGCTGCTG	
YYJ-782	(CTT)6	55	TCTTGCTTCCGG	ATTGGTTCGCTC	249
			ACTTGTC	TCCTGTGG	
YYJ-783	(CTT)6	55	AGCCCATCTGAC	TCGAAGGGTGA	259
			TTTCGTGG	GGCTTGTTT	
YYJ-784	(GAA)	55	GCCTGCTTCTCGT	TTTCTGGGGCGA	220
	6		ACACCAT	AGAAACGA	
YYJ-785	(GGC)6	55	GCGGCTTGAGAA	GCCTATGGACTC	130
			GGAGAACT	CAGGATGC	
YYJ-786	(TAA)6	55	TTGAGCAATCAT	TCCACCGACTTC	147
			CACCGCCT	ACAAGCTC	
YYJ-787	(TAT)6	55	ACGACCGCTCCA	TGCTGCACTCGG	183
			CTGAAAAT	AATAGCAA	
YYJ-788	(TGC)6	55	TGCAGCTCCCTC	AAGTCAGGACA	113
			AATCGAAG	CAGGTGCAG	

YYJ-789	(TTC)6	55	CGAGTCCCTTGT	ACCTGCTTCCAT	225
			TGTGAGCT	TCCTGAGC	
YYJ-790	(AAG)	55	GAAGTGTCTGC	CTCCTTTTCTGC	254
	6		CACTTCCT	GTCGGTCT	
YYJ-792	(GGA)	55	CCTGTGCGCAGCA	AGGACCAAGAA	269
	6		CTTACAGA	GCTGCAGTC	
YYJ-794	(CGA)6	55	ACGACATTGGCT	TGGCACCGTCG	211
			CATTCCGT	ATGAAGAAA	
YYJ-799	(GGA)	55	TCAAGTTTGGAG	CAGCTTCAACG	216
	6		CTCCGGAC	GGACTAGCA	
YYJ-800	(GGT)6	55	GACAACGGCCCA	CCAACCACCCTC	201
			TGTTGTTC	CCTACAAC	
YYJ-802	(AGG)	55	CTTGGCCTTGTTT	CGGCTCCATGG	106
	6		CGGTTTG	AAGAAACCT	
YYJ-803	(CCG)6	69	AGGTTCAACAAGA	CTTCGTGTCTGG	130
			GCTCGAGC	GGCTTCTT	
YYJ-804	(CCG)6	55	TTCTCGGCCACA	GTTCCCGACGAT	216
			AACTCTCC	TGGTGACT	
YYJ-805	(CGG)6	55	TTCCGTTCCACTT	GTTTCGTGGTGCC	165
			CACTCGG	TCCCAATA	
YYJ-806	(GAA)	55	CGAACCAGAGCT	TTGGAATATCTC	169
	6		TCCCAAT	GTCCGCGG	
YYJ-807	(GAG)	55	GGAAAACTCAGA	AAGGTAAGAGG	137
	6		GCCGGACA	CGACCGTTG	
YYJ-810	(TCC)6	55	GGGATGGAAGAC	CAAAGTGGAAA	224
			TTGCACCA	CTGACGCGG	
YYJ-811	(CCT)6	55	GGCTGTTCTTGCT	GAGCTCGTCGA	254
			TCCTCCT	CCGGAATAG	
YYJ-812	(GAC)6	55	CGGAGACTCGGA	AGGCTTATCAG	127
			TGAAGTCG	GGTCCGAGT	
YYJ-813	(GAC)6	55	CGGAGACTCGGA	AGGCTTATCAG	127
			TGAAGTCG	GGTCCGAGT	
YYJ-818	(CAG)6	55	ACCTGGTGCCGT	GAGAGTACTTC	190
			GTACAAAA	CAGCGCCTC	
YYJ-819	(CTC)6	55	CATAAGGGGTGG	GCTAGACTTCG	226
			AGCAGGTG	GCGATTCCA	
YYJ-820	(TCC)6	55	TCGATGACGATG	AAAACCACCAG	117
			ACGAGCTG	CTGTTCCCA	
YYJ-821	(TCC)6	55	CACATAGCAATG	ACAAGGGCTCC	217
			GCAGCGTC	ATTTACGGG	

YYJ-822	(AGG)	60	CGAAGACTCGTC	CACAGAGCCAC	228
	6		GTATGGGG	CACCATCAT	
YYJ-824	(CCG)	6 55	CCCGATCGGCGA	AGACAATGATC	160
			AAGAGTAA	GGCGCTGAA	
YYJ-825	(CTT)	6 55	AGGATAGCGCAG	GGAGCCCTCGT	223
			AAAACCCC	ACTTCTTCG	
YYJ-827	(CGC)	6 55	CCTTGTACCTCG	GGTGATGGACG	245
			CGATCCTC	GTTTCTCGT	
YYJ-828	(GGA)	6 55	CAGCAACGAAAC	GCCCTTTGAGTT	248
	6		TCACCACG	GAGGTCGA	
YYJ-829	(TCG)	6 55	AGAACGATGGCC	CCTCGGTCGTGA	205
			TTGCTCTC	GATCCAAG	
YYJ-830	(GCC)	6 55	CGAGGAATGAGT	AACAACCATGC	269
			CGAGGAGC	ATGCAGCTG	
YYJ-831	(CAA)	6 55	GAGAGCAACTTC	CGTGGTTGTGCA	271
			CCGTGGAA	AGTACGTG	
YYJ-832	(AAG)	6 55	CATCTCGGCCGA	CGTTCGGGTCCT	205
	6		GGAAGATC	CCTTATCG	
YYJ-833	(GGA)	6 55	ACAACAGCAAGA	CGGCCCTTGAA	274
	6		GCAGCAAC	ATCTCGGAA	
YYJ-834	(TCT)	6 55	CGAGTGGTCTGA	GACCAACGTCT	151
			GGCGATAC	GCTTCGAGA	
YYJ-835	(GTG)	6 55	GTGTCGACGTTG	GGCACCACGAA	240
			TTGTGGTG	GATGAAGGA	
YYJ-837	(GCC)	6 55	CCGACGACAAAG	GTTGCCCATCGA	256
			AAATCGCC	TCTCACCA	
YYJ-838	(GAG)	6 55	CATCGAACGTCG	GGAGAAAAACA	181
	6		CACATGTC	ATGGCGCGT	
YYJ-839	(CTT)	6 55	CGTCTCCGGTGA	CAAAGGCTAAC	241
			ATGTTCCA	CAGTCCGAGT	
YYJ-840	(GGA)	6 55	ACGACAGCTACA	GGAGACCTTGC	173
	6		ATGAGGTGG	TACGATCGG	
YYJ-842	(CAT)	6 55	CGCCTTATCCAC	CCCCCTGTTTTT	150
			TCTCACCG	CCTCCACA	
YYJ-843	(CCG)	6 55	ATCAGCCCCACC	ATTGGGCTGGG	175
			ATCTCTCT	TAGACAAGC	
YYJ-845	(GAG)	6 55	GGCCATTTCCA	CTCCTCCTCCTC	196
	6		TTCCAGGA	TGCTCTGT	
YYJ-849	(GGA)	6 55	ACCGACAGGGCA	TCTCGATGGGCC	202
	6		ATGCATTA	TCCCTAAA	

YYJ-851	(CCT)6	55	ACCGTCTCCTCC	CGGGTATTTTCA	124
			CTAAGTCC	GGGGTGCT	
YYJ-853	(CTT)6	55	CTCCTCGACCTTC	ACTCGAGGGGG	277
			CTTGCTG	AAGATGACA	
YYJ-856	(GGA)	55	CCCCGAAACCTC	TCGTCCTCATCG	215
	6		CATTTC	GAGCAGTA	
YYJ-857	(TAA)6	60	AAGACAGGGAG	TTAAGGGTAAG	177
			AGCGAGGAT	CGCCTTGGG	
YYJ-859	(CAA)6	60	AGTCCGTGAGTG	AGCACACCCCA	209
			ATGCATGG	CATTGCATA	
YYJ-860	(CCT)6	55	GGGGAAGCAGCA	CCTCAAGCAGC	255
			ACTCATCT	CCACCATA	
YYJ-861	(CTC)6	55	TGCATCCCCTGT	ATGTCACATGTG	167
			AACCCAAC	GCGGAGAG	
YYJ-862	(GAA)	55	GAAGCCCTAGGG	AAAGGGAGAGG	269
	6		AGAGTGGA	AGAAACGCG	
YYJ-863	(GCC)6	55	GGCCACGAAACC	TCGGATTTAGG	201
			TTACCAGA	GGGAGGGAG	
YYJ-866	(AAG)	55	ATGGGGAATCCG	CTTCTTCCTCGG	177
	6		ATGAGGGA	GTTGCTGT	
YYJ-867	(GCG)6	55	TCCACATTCCCA	TTCGCTTCCAAT	244
			GCGAATCC	CCAAGCCT	
YYJ-868	(AGA)	55	GATGCAGAACCC	TGTGGCTATCAG	168
	6		TCTTGCT	TGGCTTGG	
YYJ-869	(ATC)6	60	GATGGTGAGGAG	ACACACTCAGA	143
			GAGGAGGT	GCATCGGTG	
YYJ-870	(ATC)6	55	TTCCGGACCCTC	CCTCGCGGTATG	244
			CATCATCT	ATGAGTCC	
YYJ-871	(CAA)6	55	TGAGCAAGAAGG	GGGGTTGAGAG	185
			GGATGCAG	AGGCTTTCC	
YYJ-872	(CAA)6	55	GGAGAAGGGTTC	TAGGAGGGAGC	250
			AGTCGTGG	ATCAACGGA	
YYJ-873	(CAG)6	55	CCGGGTCCAACA	ATCTCGGGCTTG	203
			TCATCCAA	TTCCTTGG	
YYJ-874	(CCG)6	55	CCTGCTCCCCAC	CGGAGGGGCCT	152
			AGTTGTAG	GTTACAATT	
YYJ-875	(CTG)6	60	AATGCAGCCAGA	AGTTTGGAGGC	240
			GAGTTCCC	TCAGGATGC	
YYJ-878	(TCC)6	55	ACTCCTTTGCCA	CTGGAGGTGGC	250
			GCTCCATC	GTTAATGGT	

YYJ-879	(TCT)6	55	TAGATGGCTGCT GGTGTGTG	ATTCGGGTTCGG CCAAATTCT	210
YYJ-881	(CTC)6	55	TAGCGTAGGCC AATTTGCA	AGACGGTCAGG GCAGATTTG	275
YYJ-883	(GCA)6	55	ACTCCCTGAATT CTGCTGCC	CTCCGATTCCCC GACCAAAA	266
YYJ-884	(GGA) 6	55	AGGACTGTTTTG TGGTGGGG	CCATCATCCTCT TCTCCGCC	171
YYJ-886	(AAG) 6	55	AGGCTCATCAAC TGCGTCAA	AGATAAGTGCC CTGCTGCTG	233
YYJ-888	(AGC)6	55	CTCTGGTCCAGG TCCAACAC	GCTGACTGGCA CCTGATGAT	192
YYJ-890	(CAC)6	55	TCAGGCGATGAG GATGAGGA	TTCAGCACAGA AGACGGGAC	200
YYJ-892	(GAT)6	55	ACCTGAGAAGG CGTCCTAT	CTATCTCGGCTC TGCTTCCG	237
YYJ-893	(GCA)6	55	TCAAGCTGCTCT GCCTTCTC	GGACCCGGCAA ACATAGGAA	263
YYJ-894	(GGA) 6	55	GGCCATGCAATG CACTCAA	CTTGTCCGGCCT TCTCCATT	158
YYJ-895	(GGT)6	55	GCAGAGGATCCG ATACCAGC	CCTCGTCCTCTT CCTCCTCA	144
YYJ-897	(TCT)6	55	GTCAACTAAGAA CGGCCGA	ATTTCCAAGTCT GGCCTCCG	212
YYJ-898	(AGA) 6	55	GCAGAACGGAGT GGAATCCA	TGGGCAACGAT GTCGATTGA	145
YYJ-900	(CAG)6	55	CACCCACCCGTA ACCTGTAC	CACTGCCTCTGG TTCCGATT	200
YYJ-902	(GAG) 6	57	ATATCGAGTTCC AGCCGCAG	TTTTGGAGAAG CCCAGGCAA	266
YYJ-905	(AAG) 6	63	GGTGAAGCGGGT GGTTTAGA	GAAGATCCTCC GTATCGCCG	171
YYJ-907	(CTC)6	55	AAACCCGAACCT TCCTCGTC	CGGCTCCAAAC TCTCTCCTG	228
YYJ-909	(GAA) 6	63	CGACAAACTTGC AGCTTCCC	ACTGAGGGCCA CATCCAATG	272
YYJ-911	(TAA)6	63	CCGACTTCTTGCT CCACAGT	CTCCGCCACCG ACATTTACT	246
YYJ-912	(TCC)6	63	CTGCTCCTCCTA AACTGCCC	GCTATCTTCGGA CCTGCTCC	232

YYJ-913	(TCT)6	63	CACCTCTGCTCC	GAGAGATGATC	124
			CATTTTCGT	AGCTCCGGC	
YYJ-914	(TCT)6	63	GAGCCCTGATGC	CTTGGATGGGT	253
			TTCGATGT	AGCTCGACC	
YYJ-917	(TCG)6	63	GCTGCCTCCTCTT	CTGTTCTTGTTG	118
			CCCAAAT	GCGCTCAC	
YYJ-918	(TCC)6	57	CTTGCAGAGGTC	GCGCACCAGGA	264
			CAGAAGGG	ACAAGAAAG	
YYJ-919	(AGG)	57	GAGGACTGGAGG	TCTGTTCGTGCC	144
	6		AGCGAAAC	ACTGTCTC	
YYJ-921	(TTC)6	63	GAAGCTTTTCAT	CGAGAATCAGA	125
			GCAGCGCT	GAGACGGCC	
YYJ-922	(AGG)	63	GGAGGTCGAGGT	CATCAACGATCT	226
	6		CGTGAAAG	CGCCTCGA	
YYJ-923	(TCC)6	57	CGCTCGCTTCCG	CCTGCTGAACTG	273
			AAGAAATG	GTAGCTCC	
YYJ-928	(CTT)6	57	ACGCCTCATTAT	AGCATTCTCCAT	246
			CTGCCACC	GGTGCCAA	
YYJ-929	(CGC)6	63	AGCCCGTACTCC	TGCTCAATGGA	176
			TCCTTCAT	AGGCGGTAG	
YYJ-931	(TCC)6	57	CCTCCCTCCCTCC	ATTICTCTTGCC	266
			TTCTCTC	TTCCGGGG	
YYJ-934	(CTT)6	57	AGGTTGGAAGGG	GGCTCTGTTCGG	244
			CAAAACCA	GTTCTCTC	
YYJ-936	(GCT)6	63	GACGGACAGGGA	AGATTCGGGGT	179
			GAGAGAGT	CTCCTCCTC	
YYJ-937	(GCT)6	57	GCTCAATGCTAG	TGCGGAGATGT	226
			CCTTCCCA	ACAGGAGGA	
YYJ-938	(AAC)6	55	TCCGAAGATCTG	CCTGGGAGCAG	181
			CAGCGAAG	CTTCTTTCA	
YYJ-942	(TTC)6	63	TCTCATCCCGAG	AAGATGCAGAG	224
			GTCCTGAG	ACGGTGGTG	
YYJ-946	(GAA)	55	ATACAGCGCCCC	GTTCTCTGCCAG	232
	6		TGAAACTC	TCAGACCC	
YYJ-948	(AGA)	55	GGACGGAACTCA	GTCTCCCTTCCT	207
	6		GCTGTTCA	ACGCGTTC	
YYJ-949	(CGC)6	63	GAGGTCAGGGGT	GAAGCCACTGC	109
			TGAAGAGC	CAGAATTGC	
YYJ-950	(CGG)6	55	CCTGCCGTTGAA	AAGGTTCTGCGT	268
			ATTTCCCG	GGAGGATG	

YYJ-951	(GAA)	55	G TTCCTGGAGAC	TCCGAACTTCCC	222
	6		TTGGGCTC	GACGAATG	
YYJ-952	(TTC)6	63	TGGAAGTGAAGC	CCTCTCCCTTCC	200
			GACACCTC	GCAGATTG	
YYJ-953	(AGA)	55	CATCAAGGCTTC	TACATGCACCA	218
	6		ACAACGGC	CGAGCACAT	
YYJ-956	(TTC)6	55	CTCCTCTGCTTCT	CCGCTTTTCGTC	277
			TGGTGGG	TCGTCTCT	
YYJ-958	(GAG)	55	AGACTGTGTACA	GAGTCCGGAAT	237
	6		CGCACTCG	GGCCATGAA	
YYJ-960	(CTT)6	55	CACAGCACTCGC	GGTAGTGACAC	243
			AGACAGTA	TGAGGACGC	
YYJ-961	(GAG)	55	GAGAAACGCAGC	CCTCTTCGCTTC	143
	6		TCTGACCT	GAGAACGT	
YYJ-962	(CCG)6	55	GCCGACTGAGTA	GCTCTTCTTTTCG	124
			CGCCTATC	CGTCTCCT	
YYJ-963	(GGA)	57	GAAGCCGACTTA	ACCCGCCTCTCT	247
	6		GGAGCCTC	CTCTTGAA	
YYJ-964	(AGG)	55	GGCGCACTATGA	ATCAGTCAGGA	129
	6		CCAGAAGA	CCTCAGGGG	
YYJ-965	(CGG)6	55	GCTGCCATCGAT	ACCCATTCTCG	268
			GCACTCT	TACCCGTA	
YYJ-967	(GGT)6	55	GGTGAATGGGTA	CTCTTAACCTCC	171
			CTTGGGGG	ACGCTCCG	
YYJ-968	(TCG)6	55	CCCCTCCTCTACT	AACAGCATGAT	171
			CTCCAC	CAGAGGCC	
YYJ-969	(TCT)6	55	AAGCTTCCGCAC	TCTCTCTTGAA	203
			ACTCAGTT	GGGTCGGG	
YYJ-970	(AGG)	55	CTGGTCCTGGAG	GACAACTGCTG	212
	6		GAGGGAG	CAGCTGATG	
YYJ-972	(CGA)6	55	CCAGCAGATGAG	TTTCTCGTCCAT	274
			CATGGTGA	GGCATCCC	
YYJ-974	(AGG)	55	GTCCTTCCTCCA	TCCCTGCTGCAA	265
	6		GCTTCACC	GCTTTTCT	
YYJ-976	(GAA)	55	CCACCACCATCT	GATGACAACTC	208
	6		CCCACATC	CTCCACCGG	
YYJ-978	(TCC)6	55	TTTCCACACAGA	AGGGAGGCACA	233
			GCCGATCC	AGAGAGGAA	
YYJ-979	(TCT)6	55	TCACGCCAAGGT	CACCCGACTCAT	250
			TTGAGAGG	CACCACAA	

YYJ-982	(AGC)6	57	GTGGGCTCTAGC ATGTGGAG	AGGCGCTGCGA GCAATATAT	217
YYJ-985	(TCC)6	55	CGATCAAGACCA GGAGGCTG	TGTAACGCAGA GCTCCCTTG	140
YYJ-986	(TTC)6	55	CCGACATGACG TCGAAGAA	AAATCCTAGGG TTCCGCGG	226
YYJ-989	(TCT)6	55	TCCCTCCTCCTCC AGCATTT	ACAGACTCTGC GCATTTGGA	251
YYJ-990	(ATA)6	57	GGGACTCGCAAC TGCACTTA	GGGGTGGGATT GGGGAAATT	211
YYJ-993	(AGC)6	55	TCTTCGTCCACTG GCTTTGG	TCGGATCAAGC TGAGGAGGA	179
YYJ-994	(GCA)6	55	ATTTTCAGCTGGG ATGACGCA	GGATCTTGGTCG GGTCGATG	247
YYJ-995	(ATT)6	55	TGCAGTTGGACA CCAGGAAG	ATCAAACCAGC ACCACCACA	205
YYJ-996	(GGA) 6	55	GAGGAGGAGGA GGAAGAGGG	CGATGAGCAGT TCACCGGAT	183
YYJ-997	(TGT)6	55	TGGGTGGTGCTG ATGAGTTG	TTGTCTTCCCCG GCATCTTC	278
YYJ-998	(AAG) 6	55	AATCCGTGGCCA AGAGGAAG	GGGAACTCCAA TGTGGGCTT	188
YYJ-999	(TAT)6	55	AGGCAGGAGAG GGATAGTCG	GAAGTCCAGAC GGGGTGATG	280
YYJ-1001	(TTA)6	55	TAGACCTTTACC GGTGGCCT	GGCGGTCCTTG ATTGAGGAA	180
YYJ-1002	(CAA)6	55	AATCCACCGCCA CCTTCTTC	CCAAAAGGGAA GCCAAAGGC	256
YYJ-1003	(AGA) 6	55	ACCCCTCAGTGC TGATACGA	TGGGGTGAGTC AACACGATG	254
YYJ-1004	(CCT)6	55	TTCCTTCACGAG CTCAACGG	GAGTTTTGCAG GCCTGTGTG	187
YYJ-1006	(ATT)6	55	TGCTTGCAGCTC CTCACATT	CACTTTCTCCGC TGCAAACC	221
YYJ-1007	(TTC)6	55	GCTCCGGACGGA TATTTTCGT	AGTTCTCCGTCA ATTGCCCC	245
YYJ-1009	(CAG)6	55	GAAGGAAGTGGT GGAGACGG	GATGGGTGAGG AGGGGTCA	238
YYJ-1011	(TCC)6	55	TCAAATTCTACG GGTGGCGG	AACCTCTCGAG AACGGGGTA	194

YYJ-1013	(CTG)6	57	GGTTGGAGTACC	GCCTGTGCAAG	238
			ACATGGGG	ATGTGAGGA	
YYJ-1015	(AAT)6	57	GGCAATGAACGA	CACCTGCTTGAA	190
			AAGGAGGC	GTGGACGT	
YYJ-1016	(CGC)6	55	GAGTCCCCTCCC	CCATGAGCACT	112
			CCATCC	ACCGAGACTC	
YYJ-1017	(GAA)	55	CATGGCAATGGA	GAGGAGCCGAT	195
	6		GTGCAACG	GAAGGATGG	
YYJ-1018	(CGG)6	55	ATCAGGGCGGGA	TTTCTCTGAAC	275
			GTATGTCT	TTCCGCCG	
YYJ-1020	(GAA)	55	ATCTCAGCCCAA	CTTCACCTTCCA	188
	6		GAGTGAC	CTCCGCTC	
YYJ-1022	(TTC)6	55	TAATCAACCAAG	ATCGTGATGGTT	152
			CCAGCCGG	GGTGGGAG	
YYJ-1023	(GAG)	55	CGTCCGTACTAG	CTCTTTTCCGTG	236
	6		GAGGGTGA	TGCTCCGA	
YYJ-1024	(TCC)6	55	CGTTGGAGCGCT	CCCTTGATCTCG	226
			TTACGATG	GGCTCAAC	
YYJ-1025	(GCG)6	55	GAGGGCTAGGAT	AATCGTCAGAC	120
			GGTGGAGA	CGAACCTGC	
YYJ-1026	(TCC)6	55	TCCCTGCAATTC	AGGCAATGCAG	194
			CCCCTTTC	ATGATCCCG	
YYJ-1027	(GAA)	55	TGGGAAGGCAAC	ATCACACTTCTT	265
	6		CTGCTTTT	CGGCATGG	
YYJ-1029	(TTA)6	55	ATCCCTGTGGTC	TTCTCATCCAAC	260
			AGCTCAGA	CCAGCAGC	
YYJ-1030	(CCT)6	55	GAAAAGGTTCCC	TTGCAGATGAC	258
			CCTGCTCC	GCTGACCTT	
YYJ-1031	(CAG)6	55	CCACTTCCTCCTC	CCCGTGTAGGA	273
			CTCCACA	GCACACATT	
YYJ-1032	(GAT)6	55	CCTCTGGTGACT	GGAGGCTCGAT	176
			AGGGCAGT	AACTGACCG	
YYJ-1038	(TAC)6	55	TCGAACGCTGAT	ACTTGCTACAG	178
			GGTCGAAG	ATGGCCTGC	
YYJ-1039	(GGA)	57	GTTGGTCTAGGA	AAGCTCTTCGTT	256
	6		ACCTGCCC	CTGGCTGC	
YYJ-1040	(GCG)6	57	GGTACCCGTAAC	GAGAAGGAGCG	274
			CTTGCTGC	GATCGTGAG	
YYJ-1041	(TTC)6	55	AAGCAGAGATTT	CCCCTCTCTCAC	119
			TCCCGCCG	ACTCTCGA	

YYJ-1042	(CGA)6	55	CGAGTGGAAGAC CGAGGAGA	GAGCTTCCTCGC CGACAC	133
YYJ-1044	(TGC)6	55	TTCTGCTTCTCTT GCTGCGT	AAGAACATGCC GCGCCTC	175
YYJ-1045	(AGC)6	57	AGGAGGCAGCGG CAGAAG	TGCTTCCGGTCC CGATATTG	233
YYJ-1046	(AAAG)5	55	ACACTAAACTGG CATGCTGT	TGCAATCAGAT AGGTCGGAGA	131
YYJ-1047	(TATG)5	55	CAGCATTAGGGT GGGAAGGT	AGGAAAGATGA GTTTTAAATTAC CTGA	210
YYJ-1048	(GCTA)5	55	GGTGAGGCCATA CACAGCTT	ATCGCCAGCAA CTTAGAATTAAT T	251
YYJ-1051	(TATT) 5	55	ATGCACCAATCG GTTTCCAT	CGGAGGGCAGG TTTTACCAA	246
YYJ-1052	(AAAG)7	55	GGCAGTGAGAAT CCCTTGCT	ACCTGTTGGAGT CTGCTGAT	178
YYJ-1053	(TAAT)5	57	TGACTTCATTTCC TTTCCAAGCT	TGGCATCTGCTG TTGGGAAA	277
YYJ-1054	(AAAT)5	55	TCATGGGAAAAA CATTCTAGCATG A	TGCAGCATTCCC TTCATCAGA	147
YYJ-1055	(TCCT) 5	57	GCGTTATTACAC AGCAGCCG	GGGTTGGTTGTT GATCACTTTTG	104
YYJ-1059	(TGGC)6	57	GGAGAGGGATTA TGGTGGCG	ATTATCAGGGC GGTAGAGGC	212
YYJ-1061	(TAAA)5	57	ACTGGTGACATA CTGCTACACA	CCCGGTTTCGATG GTGATAGG	271
YYJ-1062	(CAGG)5	57	GGAAAACGGACG AACAGAACA	ATGCATGTCTGG TCTGGGTG	202
YYJ-1063	(GTGG)6	57	TGGACATAGCAC AGCTCATGA	GGCATCGTCGA CAGGAGTAG	257
YYJ-1066	(TCTG) 5	55	TCGACTGCGATG CCTAGATC	CCAAGATACGG ACGGCTCTC	221
YYJ-1067	(TTAA)5	55	GGGCATGTCTGG TACGTTGA	AGGCTAGGAAG GACAGTACCT	215
YYJ-1068	(ATTC) 5	57	GTTCTGCTCAGA TGGGACCC	GGTGAAGGGCC TGTAGTTCA	105
YYJ-1069	(ATGC)	55	CCTACATGCCCT	GCTATTTGCATG	218

	)5		CGCTAAGG	CCCACACA	
YYJ-1070	(CTTC) 55		TCCTTTAGCCACT	AGACTGGGTGG	254
	5		TGCAGCT	AGAAGAGCT	
YYJ-1071	(TCCT) 57		GAGTGACCGGCA	CTGTGATGGAA	270
	5		GAGGAAAA	GGCGGATCT	
YYJ-1072	(GCAG) 55		GACATCAACCTT	CCAGAGGAACC	264
	)6		CCTGCATGC	CAGGACAAG	
YYJ-1073	(GTTG) 57		TTTGAGCCCTTCC	TCAGCTTGGCCC	157
	)5		TCCCTTG	TTGCAATA	
YYJ-1074	(TTTG) 57		TTCGCCTACTTTG	ACCCGGGAAGT	206
	5		CCCTTCA	AAGTACCGA	
YYJ-1075	(ACAA) 57		CTCCAATTCCTG	GCAGGATCATG	209
	)8		GTAGGGCC	GAGGTGTGT	
YYJ-1076	(CCAT) 57		ACCGCGTTTGCA	CGAATCCGAAC	223
	)5		TAAACTTGT	GCCAGACTA	
YYJ-1077	(AAGA) 57		TGAAAGGAGCGA	ACGCTCCTGAA	245
	)5		CATGTGCA	CTCGAGTTT	
YYJ-1080	(TTAA) 57		GACATTCACCAC	GAACGACCTCA	255
	)5		CTTCCGGA	GCAAGTGGA	
YYJ-1081	(CCTA) 57		GAACACAAACCG	ACAGGCACACT	262
	)5		AGCTGCTC	TGAGGAAGG	
YYJ-1085	(AATC) 57		GCCACTCAGATC	ACGAACGAGGA	186
	)5		TTTCCGGT	GACCCAGTA	
YYJ-1086	(TATT) 57		TGCCTGTTTTGG	CAGTGCGTCTCC	171
	5		GTCATTGC	ATCCCATT	
YYJ-1090	(GGAG) 57		GCATCGCCTTGT	CGTCATCTTCGC	209
	)5		CATCATCG	TTCGCTTG	
YYJ-1092	(ATGG) 57		GGAAGACAAAGC	ATCACGGGGGT	205
	)5		ATCCTCTCCT	CCTGGATAA	
YYJ-1093	(CCTT) 57		GGAAGAGACGG	GCACAGCACAC	217
	5		AAGGAAGGC	AGATGCTTT	
YYJ-1096	(TTCC) 57		GGAAAGATCCGT	AGTCTCGATCTG	177
	5		CCTGCCAT	TCCCGGAA	
YYJ-1097	(TAGC) 57		GACACAGGAAAA	GTGGTCAGGCG	107
	)5		GGGAGCCA	AAGAAGTGA	
YYJ-1102	(AAAT) 55		TGGAGACACCCC	GATAACGGGGA	231
	)5		AACATTCG	GAACGGGAC	
YYJ-1103	(AAAT) 55		CTGGTGGTACTC	CAACTGAACAC	210
	)5		GATGGTGG	TGCCATGGC	
YYJ-1104	(AACA) 55		GACTCTCTCACT	TAGCCAGTGCC	145

	)5		GTCGGCTG	CTGTCATTG	
YYJ-1105	(TTGA 55		GTTGCTGGCTTT	CTGTTTCTGCTG	249
	)5		AGCTGCAG	CTGCTGAC	
YYJ-1106	(ATTT) 55		GGGAGGGAGA	TCTCTCACTCCA	257
	5		GGAGAAGAG	CCACCACT	
YYJ-1107	(ATTC) 55		TGGGATTGCGAT	TCCTGCATCATA	264
	5		TACTGCAGT	CAGTCTGGC	
YYJ-1108	(CTCG 55		GCTCCATAACTC	ACTCAGCCCTCT	198
	)5		CTCCCAGC	GTTGATGC	
YYJ-1109	(TTTA) 55		TCCATTGTTGGG	TCAGACACAGT	169
	5		GAAACTAACCA	CCCCTGAGT	
YYJ-1110	(AATC 55		CATCCCTATGTTT	TGGGTGGGGTTT	232
	)5		GACGCCA	CGTTTTCA	
YYJ-1111	(GAAG 55		CCTCCCTCTTTCC	GAAACGAATCG	265
	)5		TCCTCCA	GCCTGATGC	
YYJ-1112	(GCTC 55		TAGCCGGTGCCA	CCCATGGCCTTT	271
	)5		TATGAACC	TCGGTTTG	
YYJ-1114	(AATA 55		TCGAAGCACCGG	GCTTTCCTACTGC	269
	)5		TATGATGG	CAGAGCTA	
YYJ-1115	(GATC 55		TCGCCGATCCGA	TCATGCTTCTCT	196
	)5		TCTTTCAG	GCTGGCAA	
YYJ-1116	(CAGA 55		AGACAAGACAGA	GTGGTCGTCAA	148
	)5		CAGCCAGC	GGCAACAAC	
YYJ-1117	(GGAG 55		GTGAGGCGGCAA	AGGTTGACCGA	248
	)5		TTCCATTC	GCGCATTAA	
YYJ-1120	(CCTC) 55		GCAAACCGCATT	GCCACTGGCTG	242
	5		CCTCTCCT	ATCTTGTAAC	
YYJ-1121	(ACAT 55		GCCTGACAGAGA	CGAAGCACTCA	262
	)5		CATCCGAG	CCCGTTTTG	
YYJ-1122	(CTCC) 55		TAGGCTCCAGCA	CGAAACGAATA	246
	5		CTTTGAGC	ACCGCCACC	
YYJ-1123	(AGAA 55		TGTTGCTGCACA	AAACCTCCTTTC	146
	)5		GGGAAGAA	TGGCTGGG	
YYJ-1124	(TTGT) 55		CTGTTAGGTGGT	GGGGGAGAGAG	152
	5		GGTGGTCC	GGAAGACAT	
YYJ-1125	(ATCC 55		GTTTAACCCGGA	ACCCTACGCCTT	175
	)5		GCACTGGA	GCTTCTC	
YYJ-1126	(ATTT) 55		CTCCTGAGAAGC	CCAAGACGAGT	236
	5		CCCCTTTG	CAGCCAGTT	
YYJ-1128	(TGGT 55		ATGCCCTACCTT	AAGAAACCGGA	255

	)5		GTCACTGC	CGACCTCAC	
YYJ-1130	(TGCC 55		AGCCGAACAAGA	GATGTTGCAAG	249
	)5		ACCGATGT	TTGGCTGGG	
YYJ-1131	(AGTT 55		CTCTGTCTGCTCT	TACGGCCACTA	102
	)5		GCTACGG	GCTCTAGCA	
YYJ-1132	(GCTT) 55		CGACCTCCGATA	AGCGGAACAGA	248
	5		AAGTCCGG	GCTTCAGTC	
YYJ-1133	(CATG 55		CGGTTACGGGTC	TACGATACACC	208
	)5		GGGATATG	GATGTGCCG	
YYJ-1134	(AGAT 55		TGTGTGCGTTTGT	GGACCGTACAG	246
	)5		CTGCAAG	AAGGGAACG	
YYJ-1135	(AACC 55		GCAGGTGGCAGA	GAGAGATGGAC	147
	)5		AAGAAATGG	GATGGGCTG	
YYJ-1136	(GTTT) 55		AGGCTGGAAATG	GCAAAGGGTCC	254
	5		GAAGTGCA	CATATCGCT	
YYJ-1137	(AGCT 55		AGAGGGCCACCA	TACCAGGAGGC	216
	)5		ATTACACG	AACCCGATA	
YYJ-1138	(ACAT 55		TATTGGACGGAC	CACGACAGCTC	270
	)5		TCACCCCT	GGTCAAGAT	
YYJ-1140	(CCAT 55		TTGGGTTCCGTCT	ACGCCAAGACC	273
	)5		TTGGACC	AACCAAGAT	
YYJ-1142	(AAGG 55		TCCTGTTCAGTG	CGCTTCTGAAAT	280
	)5		GACATGCC	GTTGGCCC	
YYJ-1144	(GAGC 55		GCTTTTCGCTTTA	TCTCCAACGGA	190
	)5		CCCGTGG	AAGCAGGTC	
YYJ-1145	(TTTA) 57		TGATCTTCACAC	GACGAGGCGAC	270
	5		CCTTCGGC	TTCAACAGA	
YYJ-1148	(AATA 55		AGCCTCCTGAGC	TTTTCCACAGTG	146
	)5		TCGACATA	CCACCCTT	
YYJ-1149	(ATGG 55		CATGCTGATCCT	ATGCTCAGTTAA	215
	)5		GGCAGTGA	CAGGGGGC	
YYJ-1150	(CCTT) 55		GGGCCCAAGCAA	CTGCTTGCTAGT	200
	5		AAGCTTTT	GGGGAACA	
YYJ-1151	(GAAA 55		CCACTTCCATGA	AACCTGCATCC	280
	)5		ACCGAGCT	ACCGAGATG	
YYJ-1152	(GCTC 55		CGCCTTCCCATA	TATACCCACGA	156
	)5		TCTCCACC	GCCCTCTCC	
YYJ-1153	(TGTT) 55		TGTTTGCATCCTG	ACCAGTTCAGC	243
	5		TCCTGCA	CTAACACCG	
YYJ-1154	(TTTC) 55		GCTCATCACCCA	TTCGAACACGA	141

	5		AGGCTGAT	GCTTCCCTC	
YYJ-1157	(AAAT 55)5		CCATGAACTGGG	CCGCAAGCGAA	189
YYJ-1159	(TTTC) 55		CCTGGATT	GGATACAGA	
YYJ-1160	(AGGA 55)5		CTACCACTGCTC	CCAGGTGGCAT	267
YYJ-1161	(ATGG 55)7		AGGCCTTC	CTCCTCTTG	
YYJ-1162	(TAGA 55)6		GCAACTGAAGGC	CTCAAACCGAG	146
YYJ-1164	(AGAT 55)5		ATTGGCAA	CACTTCCCA	
YYJ-1166	(AGAA 55)5		TGGTGAACGCTG	AAGGGTTGCAT	265
YYJ-1167	(CTTT) 55		GTGTTGAT	TTGGGACCA	
YYJ-1169	(CAAT 55 C)5		TCTCAGTTCATG	TTTCAGGAAGA	274
YYJ-1170	(CAAC 55 G)5		CAGCCAGG	GGCCACAGC	
YYJ-1171	(GATC 55 C)5		CCCCAAACCCAT	TCCCTTGCGTGT	121
YYJ-1173	(AATC 55 A)5		GGCTCTTT	GGATTTCA	
YYJ-1175	(AGCC 55 C)5		GTCCGGATGAAG	GCAGCAGGTGG	277
YYJ-1177	(AGAC 55 A)5		TGTGACCA	GAAGGAAAA	
YYJ-1178	(GAAA 55 C)5		GGACTTCAACCG	TTTCAGCACCAG	231
YYJ-1183	(TGAA 55 T)5		GCCTATGA	CAGGAAGC	
YYJ-1184	(AGTG 55 G)5		ACCGAGGAAGAA	CTCGTCGGGTG	159
YYJ-1185	(TAAT 55 T)5		AATAAGGAAGG	GGAAGTATG	
YYJ-1186	(CATC 55 A)5		CCCTATGCAAGC	GAGGTCTGCAA	128
YYJ-1187	(GGCA 55)		ACAATTCACT	GGAGACCAC	
			TTTGGCAGCTCT	CGATCTCCGGGT	225
			CTTGGAGG	TATTGAGACT	
			TCCCGATCCTAC	TGTCATCGGCA	276
			CGACAAGA	GTTGGTTCA	
			TAAGAAAGACTT	GATCCGAAAAT	213
			CGGCCCGG	CACCGCAGC	
			CCACTCCCCGCA	GCAGAGCTGAT	155
			TCTTAACA	TCCCCTGTT	
			TCTCTAGACACA	TGACACGGTAG	172
			GCGGGGAA	AGAGCTGGA	
			ATCTCTCCCTTCC	GCTGCTTTCTTG	235
			AGACCC	CTTTGGCT	
			CCCCTTTCTCTCC	ATGGCGATGAA	120
			TTCGGTC	GATCCCGAC	
			CTTGACAGTCCT	GGCGAGCGAAC	159
			AGCAGGCC	TCAAATCC	
			GTCTTCCTTGCA	GATGCTATCCG	135
			TCCCTCC	GAATGGGCA	
			CTTCTTCCCATC	GGACAACTCCT	234

	A)5		GCAGGTT	GAGGTCACG	
YYJ-1188	(CAGG	55	AGGAGGACTTTG	AGGAATGGGGT	189
	C)5		ATTCGCCG	GGATCGGTA	
YYJ-1189	(GAGG	55	GGCAGAGGTTAC	ATCCCAACAAC	237
	C)5		GCTGGAAA	TACAGGCGG	
YYJ-1191	(TCAT	55	TCTCCCCAATT	GGTGGTGATTG	280
	CC)5		ACTCCCCT	CGAGGAGAA	
YYJ-1192	(CGGG	55	GGGCTGTTGATC	CCTCTGCCATTT	235
	GC)5		AAGGTTGC	CCTTCGGT	
YYJ-1196	(GAAC	55	AGAAGTCCCAGT	CTCCGTTCACTG	263
	CA)5		TGCTGCTC	CATGACCT	
YYJ-1197	(AGTG	55	CTAAGGAGGAGA	TGCCCTCCTTGC	252
	GC)5		AGCAGCCG	TTTTTCCA	
YYJ-1199	(GCAC	55	CGTTGGTCGTCA	AGAGTTCACAG	262
	CG)5		TCGAGGAA	GTCCAAGCG	
