

Supplementary Data

Table S1: List of SSR along with their sequence used for DNA fingerprinting of 25 GM Cotton varieties and advance lines

S. No.	Name	Forward Primer	Reverse Primer
1.	BNL0113	CCCTCGAGGTCGACGGTATCGATA	CCCGGTTCTTGCTGATCCGGATGT
2.	BNL0116	GCGGCATGCTTTCTTCATCATATA	ATAACCTGTGACATCTTTTTTTTGC
3.	BNL0117	GCTTTCGTGCATACACACACATTCA	TAGCTAGGCTGTGCACTACTTGA
4.	BNL0118	TTGTGGAATTGATGTTTTCTTCTT	AAGCACAAACAAAAATCAAATTCG
5.	BNL0119	CGATCCTTCTTATTCTCATCTCTC	GAAACACTTCTTCACAAATCCTAAT
6.	BNL0128	TCTTCATCATCCTAAATCTGCCA	CGTCCTCGAGCACTACCAAATAT
7.	BNL0134	CACTCAATTTTATTCTTCCCTCA	ACTTTGCTTCTCATCCAAATGA
8.	BNL0135	AAAGGATAACAAGGACATACCAAA	CCTTTGTGGGTTTTACCTT
9.	BNL0137	CCCCTTTTACTCTGATTTGGCTT	CTTATCGCAATAGTCGCAGTAAT
10.	BNL0140	GAAATAAAAAATATTGTTGACAAGAAA	CGGACTATCTGGTTTAGCTTCT
11.	BNL0148	TAGTAAAAATAGGTATTGAAAGAGAGAGA	GCAGGTGGATGAGTTTGGTT
12.	BNL0150	CTCACCGTTTCCTCTCCAAA	GACATGCGTGTTGGTTTTAAA
13.	BNL0153	CAAAGGACCAACCCAGGATA	TTGTGGATCACGACACCAGT
14.	BNL0162A	CCAAAGATTAAACTTGCAACAAA	AAAGTTGTCGGACCTGAATCTAA
15.	BNL0174	GCATTGCTTTGGGTTGAAAC	TCTTCTTTACAAGTGAATCGCA
16.	BNL0193	TGTGAGCCATTGCTGTTAGC	TAAGTGCTGGCATTGTGAGC
17.	BNL0197	AAGAGGAAGCAAATGCGAAA	TTTGTAACGTCAAGGAGGCC
18.	BNL0206	TTTCGTTCCCTCACCTCTATTT	CAAACCTCAAACAATGAAATGAGATA
19.	BNL0218	AGGAAGGCATGTCATGGGTA	TTGCTTTGCAGGAAGACT
20.	BNL0219	TCTCTGTGTGGAAAGAGAAACC	GCGGGTACGGTTAAGAAGGT
21.	BNL0220	ATTGTGTGTACTCCTCTTTTTTG	TAACACCAAAGGACCCAAGC
22.	BNL0223	GATCAAGAGAGAGAGAGAGAGAGAG	CGTCGTTATGTGATGTGATGCC
23.	BNL0225	AAAAAGGAAGGTTTCAACGGT	GATCTCTCTCTCTCTCTCTCTCTCT
24.	BNL0226	TTATTCTCACAGCCGGAACC	TTCACCTCTCGCTTCTCAT
25.	BNL0228	GCTCCTGCTTATTGCTTTCGT	GCATGCTGCACTACTTGAACC
26.	BNL0234	CAAATCCCAGATAGCCTCCTC	CCTCCACATCCGCTTCC
27.	BNL0236	TGCCACCAGTATACCTGTGA	TGCAACTCGGTATAAGGTAACATA
28.	BNL0237	AAATGTTACCTTAGAGTCTGGTGTT	CGATGATTATAAACGTCTCCAT
29.	BNL0244	AGATTGAAATGCAGCTTCGG	TTTGGAAGAGCACAAAACCC
30.	BNL0285	ACGCTGTTGATAGAGAGAAATACC	TCACCGTCCGTTTTAACACA
31.	BNL0300	TGGGTGTGATGATTGGTTTTT	CTCGTTGCGTTTCTTCTCC
32.	BNL0329	CAATAAGAGGGGCTGATGGA	TGAAAAACGCTTCTCTTCC
33.	BNL0341	ACCTGGGGTACTTGTCACACA	CCATCCCATTGTGATACCC
34.	BNL0343	GAGGAAAAAGCCATTGCAAG	CCAGTAACTATTTGAATCCTCAGG
35.	BNL0347	CTGCCAGCATACTCCCTGAT	TCTTTTTTTTTGTGATGTTTCAGC

36.	<u>BNL0358</u>	ATTAATTGCACCAGACATCCC	AAATCTTGGTTTTGAGATTTTCA
37.	<u>BNL0379</u>	TAATATCTAAATCCATTAGAAATGTATAGGG	CCTACTAAAGCCAAAGCCCC
38.	<u>BNL0386</u>	CATGCTCGATCATTTTCAGC	AGGAGGGAGGGAATTGAAGA
39.	<u>BNL0387</u>	GAAGGGGAATTTATAGCGGG	AGAGACTCCCGCACTTGAAA
40.	<u>BNL0390</u>	CTTTGGGTGGAATGTGAGG	CATTCTGGCCCACTCAC
41.	<u>BNL0391</u>	ACCTTTTCGAATTTTTGGCC	TCGATCTTGAGTGGGTAGGG
42.	<u>BNL0448</u>	GCAGCTTGCTTTTCTGCTTC	ACGCAAGCTTGGTCAATACC
43.	<u>BNL0530</u>	CGTAGGATGGAAACGAAAGC	GCCCACTTTTCCCTCTCAA
44.	<u>BNL0584</u>	ATACATTCACAGAAGAAAAAATATATACC	TGAATCACATATTGCCCCCT
45.	<u>BNL0597</u>	CCCATCCCTTCATAAACCCCT	GGGATTGAATATCTCGGCAA
46.	<u>BNL0686</u>	ATTTTTCCTTGGTGGTCTT	ACATGATAGAAATATAAACCAAACACG
47.	<u>BNL0827</u>	AAGCTCCACGTGCTCAAGTT	CTCATGTTGTCGGTGGTGT
48.	<u>BNL0829</u>	TATGTGTGTGTGGGGGAAAA	GGTGGATTTTTGGTGAAAGG
49.	<u>BNL0830</u>	TTCCGGGTTTTCAATAAACG	GTTAATACTTTTTTCTTTTGTGTGTG
50.	<u>BNL0834</u>	TCGAGATTCATGGCTCTCCT	TGGCAAAAGTGACATACCA
51.	<u>BNL0891</u>	TTTTCAGCTGGAGATGTGCT	CTTCAAAATCCACTGCCTCA
52.	<u>BNL0946</u>	GCTGTTGCTCCACATCTCCT	GGGCAACAGATAGGCAGAA
53.	<u>BNL1017</u>	AGAAAAAACTTCCTCATGAACC	GTTTCTCTCAGAATTTGTAGGCC
54.	<u>BNL1161</u>	CATCTCCTCTGGAAAGAGCG	ATGAAGCAGCACATTCCATG
55.	<u>BNL1253</u>	ACTTTACCAGGAATGCTGCG	GCTCCTCCATGTGGCTTTTA
56.	<u>BNL1317</u>	AAAAATCAGCCAAATTGGGA	CGTCAACAATTGTCCCAAGA
57.	<u>BNL1403</u>	TGAATTCATCACCGCAACAT	TGGAACCTCCTTCGGTACAC
58.	<u>BNL1417</u>	TTATTCTAACCACCGCCTCC	TGAGTGATATGCTTGGCCT
59.	<u>BNL1418</u>	ACGGCTCTTCCTTTCTGCTA	TCGAGCAATCTCTCTCTCTCT
60.	<u>BNL1441</u>	CGATAATGTACTGCAAAAAGAGG	TTCCATCATTTCCAGTCCC
61.	<u>BNL1531</u>	CTGCAACAAGAGCCTGTGTC	ATGGAGATTGGCTGAGATGG
62.	<u>BNL1592</u>	ATCAGGTTCCATTCTTTATATATATA	CCCATAGAAACATCAATGACAAAC
63.	<u>BNL1597</u>	GGGCTTTCCGATACTGAACA	CCTGCAATAAGGCGTCAAT
64.	<u>BNL1605</u>	TTGGGGAGAATGAAGGAGAG	TATCTACTGCCAGCGCTCCT
65.	<u>BNL1667</u>	AGGTGCTTCAGGCATGATTC	CCCTCACACCTAAACCCAAA
66.	<u>BNL1681</u>	GTGTGTGGGTGTGCATGTTT	TGGGGAGACTTTATCACGCT
67.	<u>BNL1688</u>	ACTAGACACAATATAATTGAAATACCTCC	TGCAAAGGGAGCAAATATCA
68.	<u>BNL1694</u>	CGTTTGTTCGTGTAACAGG	TGGTGGATTACATCCAAAG
69.	<u>BNL2443</u>	TTTATTGGTCGGTCTTTGCC	TTAGGGTGTCTTTGGGCAC
70.	<u>BNL2448</u>	TAACTTTATCCGCGGAATCG	TAGTTTGATCAGTTTGATGATTTAGC
71.	<u>BNL2527</u>	AGACACGAGGCACTATACTTGC	ATTGCGAAGCAGAAGGAAGA
72.	<u>BNL2544</u>	GCCGAAACTAAAACGTCCAA	TCCTTACTCACTAAGCAGCCG
73.	<u>BNL2564</u>	TCGAAGGCTCTCTCTCTCTCTC	TTTCGTTTGGGTTTTCTCTGA
74.	<u>BNL2570</u>	TTCTACAAAAAAGAAAAAATGGG	AAATACGGATGGGACCAACC
75.	<u>BNL2572</u>	GTCCTATTACTAAAATTGTTAATTTAGCC	CGATGTTAAATCAATCAGGTCA
76.	<u>BNL2590</u>	GAAAAACCAAAAAGGAAAATCG	CTCCCTCTCTCTAACCGGCT

77.	BNL2597	AACTGATCAATCTAGACAAACATCC	CGACCCTGTGTATGTGTTGC
78.	BNL2599	ATTGCCACAACCACAATCAA	TATTTTTTTGGGCTTGCTGA
79.	BNL2616	CCTTCCTTGCTGCTGATC	TTGAAGAAAAACCTAAACATCTCC
80.	BNL2632	CGTGCTCCAGACCAACAAA	GGGAGTTGAAGCCGACATAA
81.	BNL2634	AACAACATTGAAAGTCGGGG	CCCAGCTGCTTATTGGTTTC
82.	BNL2652	TTCATCATTCTAGCCTGAGTCC	GCGATAATCCTTCCAGGGAT
83.	BNL2681	CCGTTCTTTTGGAACAGAGC	TACAGGCGTGCCATATGAAA
84.	BNL2700	GAGAATTTTGGGAGAGAAAAGG	CTGCAAGTACCTCGCCTTTC
85.	BNL2750	AATTTTCTGATGCGGTCAG	CCAAAGGTTGCCGAAATCTA
86.	BNL2762	GGAGTGACCTGATGGCAAT	TGACTTTTTGCCCAACTTTG
87.	BNL2772	AGAAATAATGGGATATGAAAGAACG	CAGAGCAGAGTCGGTGTGAA
88.	BNL2827	ATCGCGGGCATTAAATGAATA	AATACATCCGCTCATTTTCGC
89.	BNL2835	AAGATAATCGCCGGCTAGCT	CCGCCAGTTTGCCATAATAT
90.	BNL2882	CAACCTTTGGTAATCTTCTTTCG	CGCTAACGCATTTGACATCT
91.	BNL2986	TAGAGCCAAGTGGTGATCCC	AAAGGGGGGAATGATTATGC
92.	BNL3029	TCCTGAAAGCAAAAAGAGGG	TTGATCGGAGCATCAGTCTG
93.	BNL3034	AAAGGAAATGGTCATTGGCA	AGTACCCGCCATTTCAGTG
94.	BNL3071	TTGTTGCAGACGCTTCTGTT	TTTTTCCTTTTGGTGCGATC
95.	BNL3090	GAAATCATTGGAAGAACATATACTACA	TTGCTCCGTATTTTCCAGCT
96.	BNL3103	ACTTTGAGATATTGTTATTCTACCCG	TCGAACAATTACGAATCAAATG
97.	BNL3140	CACCATTGTGGCAACTGAGT	GGAAAAGGGAAAGCCATTGT
98.	BNL3147	ATGGCTCTCTCTGAGCGTGT	CGGTTTCAGAGGCTTTGTTGT
99.	BNL3255	GACAGTCAAACAGAACAGATATGC	TTACACGACTTGTTCACG
100.	BNL3279	CATGTCCAATGGATGTGTCA	GGGCCACTTAAAGGCATTCT
101.	BNL3319	GGACAAGTTCGTGTTGCTGA	ACACCTTCTCAAAACACCCG
102.	BNL3324	ACCCATCTCTATTGATCCTTCG	TCTCTTAAAAGACTCCGCCG
103.	BNL3345	CGAAGCGCGATTAAGAGAAC	AAAGCGAAGCCAACAGTCTC
104.	BNL3379	AACGGAACAAACCTTGAGGA	GTGCATGTGGTATGTTGGGA
105.	BNL3383	GTGTTGTCATCGGCACTGAC	TGCAATGGTTCAGTGGTGAT
106.	BNL3408	ATCCAAACCATTCACCACT	GTGTACGTTGAGAAGTCATCTGC
107.	BNL3414	TGGCGGAAGGTACTTTTTCA	GCGCCATTACAAGGATGTTT
108.	BNL3432	AATTGAATCACAAAGATAAGTGACG	GAGATACATATCTTTCTTAACTATGCA
109.	BNL3449	AAGCTGTGGCTATGATGCCT	AGAGCAAAAAACAATTACAAAAGC
110.	BNL3452	TGTAAGTGAAGCAGCCGTACG	GCCAAAGCAGAGTGAGATCC
111.	BNL3523	GTCTCAGAACCTGAGCTGGG	TGGTAGACGGATGAAGGAGG
112.	BNL3556	CCTTTCATGACCCTGCAAAT	AGATGGGGAATGGATCTGTG
113.	BNL3558	AAGCAAATCATGATGAACATACG	TGCGAAGAGTAGCTCTGCTG
114.	BNL3563	AAGCATAACTTGACACAAGCC	AATGGGCAAGAAAAGGGAAC
115.	BNL3582	TGGCAGCTCACCTTCTTTTT	CATGTTGTGTTTATAATGGTGC
116.	BNL3590	TCTTCCCTCTTTTCTTTTCG	ACACGGAAGACCAACCAAGT
117.	BNL3592	GTTCTAGTCTCTTTCTTTATGGGC	TTGATTGAGATGCCAATGGA

118.	<u>BNL3599</u>	TTTAGCCCCAGTAACATGCC	ACTGCAAGCTCTGCCCTAAA
119.	<u>BNL3601</u>	TTCCGTTGATGGAAATTGAA	ACAAGAATGCGTGTGTCTGC
120.	<u>BNL3646</u>	CCCAATACGAGGAGAGCACA	TCGAAAAATGGGGGAGAGAG
121.	<u>BNL3649</u>	GCAAAAACGAGTTGACCCAT	CCTGGTTTTCAAGCCTGTTC
122.	<u>BNL3661</u>	AGGACAGCGATGTGTTGTTG	ATGGAATGAATAAAATAAGAACAACG
123.	<u>BNL3799</u>	CCAAAGCATTTGCTACAGCA	TACCGTGCTGTTTGTCTTGC
124.	<u>BNL3860</u>	GAGGAATTGAGCATTGGGAA	TGCTGCACATCATGAATGAA
125.	<u>BNL3903</u>	GATGGGCAGAGGCTACTTTG	AGCACAGGAGCAAAGGAAAA
126.	<u>BNL3935</u>	AATTTCCATAAGCCAACCC	CTGGAAACCCCATGAAGAAA
127.	<u>BNL3948</u>	GTAATGTTCAACACTTTGCTATTCC	GTTGGTTGGGTGAGCAGAAT
128.	<u>BNL3976</u>	AAACACCCCTGCTACTTCA	AGAACAGAAGGAGAGACACCG
129.	<u>BNL3977</u>	ATCCAAACCAACCATGCAAT	GAAGGGGTTTTGCATTTCAA
130.	<u>BNL3985</u>	TTCAATTCTGGGTTTCGAGCT	CACCCATCAACCCAAATTTTC
131.	<u>BNL3988</u>	AAAAAATTGGAATCTAATCGACA	GTGTTGATCTTTATATCTCTCTATTTCG
132.	<u>BNL3995</u>	ATATTTTATCTTTTAATAGCTTTATTCCC	TTGGAAAAACCCATGGTGAT
133.	<u>BNL4011</u>	ACATTTCCACCCAAGTCCAA	AATCGTTGACAGCACTGCAC
134.	<u>BNL4015</u>	GAGTGAAAATAACATCTAATGCTCG	CCCCGACCAGCCTATTTACT
135.	<u>BNL4030</u>	CCTCCCTCACTTAAGGTGCA	ATGTTGTAAGGGTGCAAGGC
136.	<u>BNL4078</u>	GCCTGGCTTCCATGTTATGT	TGCGTTGAAAAGAGTGACCA
137.	<u>BNL4080</u>	TTAAGCAACGATGGAAGCCT	ATGATGAAAGTGAGATTTATGAACA
138.	<u>BNL4082</u>	GTAAAAATGAAATAAAATAAAAGGAGAGA	TTCAACACCGCCAAACATAA
139.	<u>BNL4092</u>	TTTGTGCACAGATGAAATAAGC	ATATTTCAAAGCCAGCACGG
140.	<u>BNL786</u>	CTTTCCACGTGTAATTTGTTGATA	GATCTTAACTCTTGCTCTCTCTCTC
141.	<u>BNL834</u>	TCGAGATTCATGGCTCTCCT	TGGCAAAAGTGACATACCA
142.	<u>CGR5641</u>	TCGCTTTGGATTAGTGACCC	CCAGCAGGAATAGAACTCGG
143.	<u>CGR6692</u>	ACAGGCCTCTTCACTTTGCT	CAACATCTGTCGCCATTCC
144.	<u>CGR6692</u>	ACAGGCCTCTTCACTTTGCT	CAACATCTGTCGCCATTCC
145.	<u>CGR6824</u>	AGGGCAGAATCACAGATTGG	CAGTTGACTGCATTGGTTTCG
146.	<u>CIR0054</u>	TTTCCCTGGTATGCTG	CAATTTCTTCTCTCGTT
147.	<u>CIR0061</u>	TTAGTCCTCTACATACCGAA	TCATAATAAAGGCGTGG
148.	<u>CIR0082</u>	GCAGAAAGTTGAAGCAGA	GCAAAGAGGCAAATAAA
149.	<u>CIR0094</u>	ATACCTCCTTTGGCATC	ATTCAGCAACTTCACACA
150.	<u>CIR0099</u>	ATGATTCAAGTCGCGT	TTCAAGGCTGAGTCAAA
151.	<u>CIR0133</u>	TAGCCATTCTCACCCA	AGGCAGTCAGAGTCAAAG
152.	<u>CIR0135</u>	AAGCAAAGCAAACAAAG	GCTTGCCAGTATGATGT
153.	<u>CIR0143</u>	AAGAAAGAAGAACTTCCC	GCCATTAAGAAGGACAAA
154.	<u>CIR0169</u>	GAAGCACAATAAGGCAA	CAAACAAGCGATGAAAC
155.	<u>CIR0180</u>	TTGAAGAACGTAGGTGG	TCCGACCTGTTCAAAT
156.	<u>CIR0181</u>	AAACCTAGACAGCATGTAAA	TCTTGAAGGGAAACGA
157.	<u>CIR0203</u>	AGTTCAAGGGCACAAA	ATCTCCAAGTCCCACC
158.	<u>CIR0208</u>	GGATAATAACAAGTGAACC	GTATATGGGATGTGAATGA

159.	<u>CIR0210</u>	CCTGATAGTGAGTTTCTTCTT	TGAAATGTGAGTGTGTTGTG
160.	<u>CIR0221</u>	GAAGTAACCAACCACCTC	ATCTTGCTCATTATATCC
161.	<u>CIR0224</u>	AGGTTTGCTGTTTCTACC	AACAGAGGGTGACAGTTT
162.	<u>CIR0246</u>	TTAGGGTTTAGTTGAATGG	ATGAACACACGCACG
163.	<u>CIR0251</u>	ACCCATCTTCTGGTGA	CAAAGAGAAACAAGTAGCA
164.	<u>CIR0272</u>	AGACAAGTGGAAGAGGG	TATCTGTTGTTGGGTGG
165.	<u>CIR0294</u>	AGACAAGTGGAAGAGGG	TATCTGTTGTTGGGTGG
166.	<u>CIR0307</u>	TTTCAGCAAAAGAAGT	GAATTTTGAAGTGTCTG
167.	CIR036	TATGCCAATGAAGAAAC	ATTAGCAAGAGATTAGGC
168.	CIR0372	GTGAGACTTGAACCCAA	GA CTCACAACCTGATTCTAC
169.	<u>CIR0393</u>	ATACACAAGTCATTACACA	TGACTATGACACGAGTGG
170.	<u>CIR0413</u>	GACCACACAGACAGACAA	TCCACAACCAAACTAACA
171.	CIR0415	TTAAAGCTCACACACACA	CAACAGTAACGAAGAACAAT
172.	CIR049	ATGTTCTTGACATTTCCAT	TATATGTGTGTGTGTGTG
173.	CIR060	TGTAAACCCAGCAAGAG	ACACTCCTAGAGAACCCA
174.	CIR062	CTTGCTTCCTCACCC	GAATGCTACTTTCATCCTAC
175.	CIR122	AAACAGAACCAAATCCC	CCCTTGCCATGTTTAT
176.	CM14	TTTTACACACACACAC	GATCATACATGCACAAA
177.	CM17	CTTCCTTCTTTCCCTCACACCT	GAATGGGAAGAAAGGCCTTTC
178.	CM32	AGGTGGAAGAGTCACAAAG	CGGATACATATGGTATAATTAGGG
179.	CM4	AAAACGTTACGGATTATTGG	ATGTATTACAACCACACATC
180.	CM45	GCTCAGGGGAAGGAAAGGG	TAGTTGCGTGTGTCTCCTCTTCTC
181.	CM6	GATGCCAGTAAGTTCAGGAATG	GCCAACTTATATTCGGTTCCT
182.	CM60	CATCTTATTATTGTCATCTTCAACC	GAGAACTTACCCAATTAAGCC
183.	CM63	GAAGATCCATCTGCAGACCCAG	CCAACAAAACCATAAACATGAACTC
184.	CM66	GTCTGCACTGCTCGGTTATGTGAG	GCAGAAAAAGTGTTTAACTTGCGA
185.	CM67	GGATACGTAGGCCTCCACATATTC	GCTGCCTGCTGTTGAATGCTG
186.	CM68	GAGTTTCTTTGGTTTCCATTC	GTTGAAACGAGAAGATGAGATTGGAGG
187.	CM7	CTTAAAAGGGCATAAGGCCACCC	GTATATCTGAAAATATGATGGAA
188.	CM8	CGCAACCAAACATATACTTCACAC	CCCTTTCCATCCATAGAACG
189.	<u>DPL0035</u>	ATTGAGAGGCATTTTGGTC	AGATGACTAAAAATTGTGCC
190.	<u>DPL0041</u>	CATGGTTGTACCGGTTAGTATGTG	CAGCAATGAGACCATTGTATACCC
191.	<u>DPL0058</u>	ATATTGAGCCCTTCTTCATTGTCC	ATCCTCTATGGAGGCTCTTTGTTT
192.	<u>DPL0079</u>	ATATTGAGCCCTTCTTCATGTCC	ATCCTCTATGGAGGCTCTTTGTTT
193.	<u>DPL0133</u>	GTAAAGATGAGACTGTGAGGGCTT	TCATTCCAAGAAGCAGAAGACTAAC
194.	<u>DPL0149</u>	CAGTTTCTCTACCGGTCTCAAATC	GGTATCACACCACATACTTTCACG
195.	<u>DPL0156</u>	GACTCTTGCTGAGTTGTACCTCC	CGTTGTACCTACGGATTTCATGT
196.	<u>DPL0163</u>	GGATTGTTTAGCATTAGGGACAAG	AACTCTGTTCTTAAAGGTGCAAGC
197.	<u>DPL0264</u>	TTCTATTCCAATGCTCTTGCCT	AATAGAGAAAGTGAGTGAGGACG
198.	<u>DPL0273</u>	GGGCAGTGAAAGACTACCCTTTAG	TGATAGAGGCGATGAAACTGTATG
199.	<u>DPL0348</u>	ACCATTCTTCCATAGACTTGCTG	AGATGAATATGGAGGTGATCCTGT

200.	<u>DPL0385</u>	AGGATGATTTCTTGCTAGAACAG	GTATGAAGGTATCCCTCAAGCAAA
201.	<u>DPL0443</u>	AGGATGATTTCTTGCTAGAACAG	GTATGAAGGTATCCCTCAAGCAAA
202.	<u>DPL0489</u>	ACGATGACGTCAAGGATGGTAT	CGGATCCTCCTCTTCCTCC
203.	<u>DPL0528</u>	ACTCCTCCTTGCTCATGTTGAATA	CATGGATGACTCTTCTGCTTCATA
204.	<u>DPL0534</u>	ATGCCTCTAAACAGGCAAATCA	TAAACCTTCAGCTGGTTCTCCTC
205.	<u>DPL0542</u>	TGAGACACATATGGAAAGAACACC	CACCGAAACTGCAATGAGAGT
206.	<u>HAU0119</u>	AGTTCGTGCCTTTGATACTGAAGG	CAAACGAAGTGAATGTTAGTCTATTCG
207.	<u>JESPR0102</u>	CACCCTTTTGTCTCAAGG	TCCTTATTACCCCCAAGAGG
208.	<u>JESPR0135</u>	CAAAACCATCATCACTCTCAAG	CGAGAGCCCACTAACAGAAAAG
209.	<u>JESPR0232</u>	CCATTCTCTTCATTTTCTCC	GTTGAAACGAGAAGATGAG
210.	<u>JESPR0240</u>	CAGATCCCCTTTTCTTTC	GAAGAAGCAAAGCGAGAG
211.	JESPR1	CAGATCCCCTTTTCTTTC	GAAGAAGCAAAGCGAGAG
212.	JESPR100	GAGGCAATGTCGGATGTGGGC	GCAAGTAGGTGGTGGCCGGAG
213.	JESPR101	CACATGGTTGACCGTACCGCCTCG	GCTAGGTCCTGGAGTGCTCGGTG
214.	JESPR103	CCAAGTCAAGGTGAGTTATATG	GCTCTTTGTTACTGAAATGGG
215.	JESPR108	CTATGAAACTCAAAGCCAAACTC	CCAAGATTTCGTTGATCGACC
216.	JESPR114	CGATAGTCTCTAGCCTCAAATTC	CGTAACACTAGTCGAACGAGC
217.	JESPR134	GCTCTCAAATTGGCCTGTGT	GGTGGAGGCATTCTGCTAAC
218.	JESPR153	GGGAGGGGGTGAATAAACGGTG	GGTCAGGTAAACTTGCCATAGTGGG
219.	JESPR156	GATTACCTTCATAGGCCACTG	GAAAACATGAGCATCCTGTG
220.	JESPR160	GCCTTCAATCAATTCATACG	GAAGGAGAAAGCAACGAATTAG
221.	JESPR173	CTTGCTTAGATCTGGACTAACC	CACCGAGACATTCATATCAC
222.	JESPR178	GACCATTTTAGTCCCTTCATC	GGAGAAACAAATAGATGTGGAAG
223.	JESPR185	CCGCTGATGTGGCCAGTTAACTTGCC	GATGCTTGTCGAACATGGCTTTC
224.	JESPR186	CCCAAGCTACAGAGATAACC	CACACAAATTGGGTAAAGAATAG
225.	JESPR194	CCGTGTTGTGAGTGGTACAGGTC	AGGTTAGGTTTGGGGTGTACATAC
226.	JESPR200	ATCACCGGCATCATCATCAT	GCTCATCAAATATCTCACAATTTATC
227.	JESPR202	CTTCTCTTGCTTAGATCTGGAC	GTGATGTGACCAGTTAACTAGC
228.	JESPR205	CACCCGGGAAAAGCTAATGTGGTTG	GCCATGAACTCAAGGTACCCATTG
229.	JESPR209	CCCAACTCTTTCCAAACTTGAG	GTACATATAGATGCCCTCGTG
230.	JESPR215	ATTGAGAGGCATTTTGGTC	AGATGACTAAAAATTGTGCC
231.	JESPR218	CGAGAAGATGAGATTGGAGGAG	CCCTTCTGAGTTTCTTTTGG
232.	JESPR220	GGGGCTAAACTTGAAAAATGACC	CATGCAGCTTCCAGTTTTG
233.	JESPR222	CGAGGAAGAAATGAGGTTGG	CTAAGAACCAACATGTGAGACC
234.	JESPR227	GGGCCAACATCTTGC	GGGGGACATTAATGATTGG
235.	JESPR229	CGAGAAGATGAGATTGGAGGAG	GGTTTTCCATTCTCTTTCATTTTC
236.	JESPR232	GCTGGTGGGATTCTCTG	CTATGAACTGCTGGCTATGG
237.	JESPR236	CAGACCACGCTATTTTGGCC	CGTTGTATTATTTCCAGTGCTCG
238.	JESPR242	GACTGACATGCAGCTTCCAG	GGGGCTAAACTTGAAAAATGAC
239.	JESPR244	CAATGCGATTTTCAAACCC	GCCAGTGTGATGGATATCTGC
240.	JESPR246	GAAGATCTTCATCATTTTCCAAG	CAGAGAGCTTAGTTAACCCA

241.	JESPR250	GGAGCTTTACGGAGAGAGTTG	GAGCTCCACTCCAAAGCC
242.	JESPR270	CCAAGAAATCCACCTCATAAG	GAGTGCAAGGCTATGCTATTACC
243.	JESPR272	ACGCAACTCGCATATAAACAC	GTAGCTTAGAATTTGAATGGC
244.	JESPR291	GGGGCACAACAGAAGTCAG	GGTCTCAACTGAAAGAGGATC
245.	JESPR292	CATTCCCCACTTTGCTCTTAC	CATGTTTCTTTGCCCATC
246.	JESPR296	GCTTGCAATCTCCTACACC	GAATATGTTTCATAGAATGGC
247.	JESPR310	GGGTGTTACATAGAGTGATAAAATTG	TGACCTCAATTTAGAAACCC
248.	JESPR42	GGTTCAGTTTCTTTTCAGCTCT	TTGGGAGGAAGGAAGGAAGGAA
249.	JESPR80	ACCCTTCTCTTGCTTAGATCTGGAC	CAGTTGCTTCCAATGCAGCTACAG
250.	JESPR84	CTCTTGCTTAGATCTGGACT	ATGACTATGATTTAGCAGCG
251.	JESPR85	GACTCCCGGAGGCAATCAGAG	CCAGGGCTCATACTATCGCTGC
252.	JESPR94	CCACCCAAATTTTCATGGAGAG	CCTTCCTCATGTATGACATTGATGG
253.	JESPR95	GCAAGACCACCACCAGACC	GTCTGAATCGCCCTTCTCTTGC
254.	MGHES11a	GCTTTTCTCGTAGACGTATG	GCATATTTATATACCAAGTCCCTC
255.	MGHES11b	CGACTCCTCGACTCGCTATT	GCGCCACATACATCTCTCC
256.	MGHES18	CATCATGGCTTTCCGTTTTT	CCAGGATTGGTAAACCCGTA
257.	MGHES24	GCCATCAATTGGTGAAGCAT	ATGCCTCGGTGAGAAAATTG
258.	MGHES30a	CGCAACAACCTGATGCAACTC	AACCGATACCTCCGCTTCTT
259.	MGHES32	CGTCGCTTCCTTTGCTAAAC	GTCGGGTAAATTGCAAATCG
260.	MGHES40	CGTCGCTTCCTTTGCTAAAC	GTCGGGTAAATTGCAAATCG
261.	MGHES41	CGCGTTCCCAACTTATTTGT	GGTGCTCCCGGATTAGATTT
262.	MGHES44	GAAGGAGGGCGAAAAACATA	TTGGAGATTACGCGACCTTC
263.	MGHES46	CGATTTCCATTCCACACCTC	GCATTGCAATCGAAACACAT
264.	MGHES48	CGATTTCCATTCCACACCTC	GCATTGCAATCGAAACACAT
265.	MGHES59	AAAGGGAGATTGAAGCAGCA	CACCACCAAATCATCTGCAT
266.	MGHES6	GCAAACCCAACCAGAGTCAT	AACCACTGCTGTGTGTTGCTG
267.	MGHES70	TCCTCCTCCCACTTCATCAC	GACTGTGGCTGGAGGAGAAG
268.	MGHES71	CCAATAGGACTTTGGGTTTGG	CTTGCGAGGATCAGAAAAGC
269.	MGHES73	ATCACCACTCCACCATCTC	CTCCGATTACAGGTGGCAGT
270.	MGHES75	CCCGATATCCTTAGCCTTTT	AGTCGGAGGTGATGGTTAGG
271.	MGHES76	GCATATGTCGAAGATGCTACCC	AGCATCAGCAGTAGGCCAAG
272.	<u>MUCS0515</u>	ATGGGGTCATCTCCATTTT	TTTCTCCATTTGCCTTCACC
273.	<u>MUSB1121</u>	AACAAAGCAAGGCAAAATCC	AACCACCCCGAGAAGAGC
274.	<u>NAU0808</u>	GCAAGGCAGTTGACCTCTGAC	TGCGGAATTGTGCCGTTAGAC
275.	<u>NAU2083</u>	GATGGCTACCTCCCTTTGTA	CGTAAGGAAGCCTAGCAAAA
276.	<u>nau2540</u>	AGAAGAGGTTGACGGTGAAG	TGAGTGAAGAACCTGCACAT
277.	<u>NAU2580</u>	AGCCACCCTGGAGAATATAA	TCCCCATTCAATTTGTAAAC
278.	<u>NAU2679</u>	CCTTCTCCTTCTCCTCCTTC	CACAGACGCTTACCTCACAC
279.	<u>NAU2715</u>	TGGCTGAACTTTGCAATTTA	AAGCAAGGGAGGTAATCCTT
280.	<u>NAU2954</u>	CGAAAGATGGTTCCATTAGG	GGGGGTTCAGGAGATTTTAG
281.	<u>NAU3100</u>	AAGGAAATGCTGCCAACTAC	AGACTTGCTCTGGTCTGCTT

282.	NAU6672	GCAATCAGCTCATCTTGCTT	TGACGAAAATTTGTTGGATG
283.	<u>TMB0034</u>	GCCATTCTCTACTTAAGGCATTG	CCAGGTCTTTCCTAGCCAGA
284.	<u>TMB0471</u>	GCCATTCTCTACTTAAGGCATTG	CCAGGTCTTTCCTAGCCAGA
285.	<u>TMB0603</u>	AAGAATTAGCGGAAGTGGTCA	TTTGACAAAACATGGATGGA
286.	<u>TMB0770</u>	AGGCATAACCATCTCTCATTCTG	TACCTACGCTTTCGGGCACT
287.	<u>TMB1296</u>	TCTCTTCAGCTTGGTTGCTG	CGTTTACGTGCTGGCCTTAT
288.	<u>TMB1356</u>	TCACTTGCATTGCTCTTTCG	TCTCAGCTTCAGTCCCGTTT
289.	<u>TMB1456</u>	GTGTACATTGCGCTTTCGAG	TCCAAAATTTCAAGCCAACC
290.	<u>TMB1548</u>	CCCATTTTCTTCACCAAGAGAC	GCTGCTCCGATAAAGACTGG
291.	<u>TMB1638</u>	GCCTGGCTTCCATGTTATGT	TGCGTTGAAAAGAGTGACCA
292.	<u>TMB1639</u>	AAAACCAAGAATCGAGGAAAAA	TGCAATCCTCGAAGGTCTTT
293.	<u>TMB1838</u>	TCGGTCGTCCTGAGAGAAAT	TGTGACAAGTAGAATGCTTACCTCA
294.	<u>TMB1919</u>	TCGGTCGTCCTGAGAGAAAT	TGTGACAAGTAGAATGCTTACCTCA
295.	<u>TMB2920</u>	TCGAGGAAAAAAGGAAAATCG	CAAACCTTTCTTTCCACTTTCAA
296.	<u>TMB2945</u>	TGGAACAAGTTGAAGAAAATGC	TCAAGGATTTAACGACAAGATTT
297.	TMH05	TCAAACAGCCATCCTCCTTC	GTGACCCTGCGATGTTTTCT
