

SUPPLEMENTARY MATERIAL 1

Alignment of the SMART IV™ oligonucleotide repeat sequences and EST sequences from different databases. Note the gaps and single nucleotide polymorphisms that appear inside and in a close vicinity to the SfiI recognition site (5'-GGCCATTACGGCC-3') in the different clones, as compared to the SMART IV™ oligonucleotide.

Homo sapiens

>gb|EL584451.1| 05R_J09.2 Novel Promoters 5' RACE-PCR Homo sapiens cDNA 5', mRNA sequence.
Length=867

Score = 304 bits (336), Expect = 4e-80
Identities = 313/403 (77%), Gaps = 80/403 (19%)
Strand=Plus/Minus

```
SMART IV      1    AAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAG 60
      |||||
EL584451.1   369  AAGCAGTGGTATCAACGCAGAGT-----ACG-CGGGAAGCAGTGGTATCAACGCAGAG 318

SMART IV      61    TGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAG 120
      |    |||  |||||
EL584451.1   317  T-----ACG-CGGGAAGCAGTGGTATCAACGCAGAGT-----ACG-CGGGAAGCAG 274

SMART IV      121   TGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCA 180
      |||||
EL584451.1   273  TGGTATCAACGCAGAGT-----ACG-CGGGAAGCAGTGGTATCAACGCAGAGT----- 227

SMART IV      181    TTACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTAT 240
      |||  |
EL584451.1   226  --ACG-CGGGAAGCAGTGGTATCAACGCAGAGT-----ACG-CGGGAAGCAGTGGTAT 178

SMART IV      241    CAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGG 300
      |||||
EL584451.1   177  CAACGCAGAGT-----ACG-CGGGAAGCAGTGGTATCAACGCAGAGT-----ACG- 134

SMART IV      301    CCGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGC 360
      |||||
EL584451.1   133  CCGGAAGCAGTGGTATCAACGCAGAGT-----ACG-CGGGAAGCAGTGGTATCAACGC 82

SMART IV      361    AGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGT 403
      ||||  |
EL584451.1   81    AGAGT-----ACG-CGGGAAGCAGTGGTATCAACGCAGAGT 47
```

Mus musculus

>gb|DV039052.1| BalbClig15_01_N15.x1 FH BalbClig15 Mus musculus cDNA clone
BalbClig15_01_N15, mRNA sequence.
Length=1057

Score = 437 bits (484), Expect = 1e-120
Identities = 299/326 (91%), Gaps = 8/326 (2%)
Strand=Plus/Plus

```
SMART IV      24    GGCCATTACGGCCGG-AAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCC-GGAAGCA 81
      |||||
DV039052.1   18    GGCCATTATGGCCGGGAAGCAGTGGTATCAACGCAGAGTGCCCATATGGCCGGGAAGCA 77

SMART IV      82    GTGGTATCAACGCAGAGTGGCCATTACGGCC-GGAAGCAGTGGTATCAACGCAGAGTGGC 140
      |||||
DV039052.1   78    GTGGTATCAACGCAGAGTGCCCATATGGCCGGGAAGCAGTGGTATCAACGCAGAGTGCC 137

SMART IV      141    CATTACGGCC-GGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCC-GGAAGCAGTG 198
      ||||  |||  |
DV039052.1   138  CATTATGGCCGGGAAGCAGTGGTATCAACGCAGAGTGCCCATATGGCCGGGAAGCAGTG 197
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SMART IV 199 GTATCAACGCAGAGTGGCCATTACGGCC-GGAAGCAGTGGTATCAACGCAGAGTGGCCAT 257
      |||
DV039052.1 198 GTATCAACGCAAAGTGCCCATTTATGGCCGGAAGCAGTGGTATCAACGCAGAGTGCCCAT 257

SMART IV 258 TACGGCC-GGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCC-GGAAGCAGTGGTA 315
      ||
DV039052.1 258 TATGGCCGGAAGCAGTGGTATCAACGCAAAGTGCCCATTTATGGCCGGAAGCAGTGGTA 317

SMART IV 316 TCAACGCAGAGTGGCCATTACGGCCG 341
      |||
DV039052.1 318 TCAACGCAGAGTGCCCATTTATGGCCG 343

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Rattus norvegicus

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>gb|BM422897.1| RSB12_18 Rat testis cDNA library Rattus norvegicus cDNA, mRNA
sequence.
Length=232

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Score = 165 bits (182), Expect = 3e-39
Identities = 213/292 (72%), Gaps = 63/292 (21%)
Strand=Plus/Plus

```

```

SMART IV 36 CGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGCA 95
      |||
BM422897.1 4 CGTAAGCAGTGGTAACAACGCAGAG-----TACG--CGTAAGCAGTGGTAACAACGCA 54

SMART IV 96 GAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAG 155
      |||
BM422897.1 55 GAG-----TACG--CGTAAGCAGTGGTAACAACGCAGAG-----TACG--CGTAAG 96

SMART IV 156 CAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGTGG 215
      |||
BM422897.1 97 CAGTGGTAACAACGCAGAG-----TACG--CGTAAGCAGTGGTAACAACGCAGAG--- 144

SMART IV 216 CCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGG 275
      |||
BM422897.1 145 ----TACG--CGTAAGCAGTGGTAACAACGCAGAG-----TACG--CGTAAGCAGTGG 189

SMART IV 276 TATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGT 327
      |||
BM422897.1 190 TAACAACGCAGAG-----TACG--CGTAAGCAGTGGTAACAACGCAGAGT 232

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Danio rerio

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>gb|CO356488.1| DR_ATE_ORE01_E08 adult testis ORESTES (TLL) Danio rerio cDNA,
mRNA sequence.
Length=606

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Score = 246 bits (272), Expect = 2e-63
Identities = 300/403 (74%), Gaps = 80/403 (19%)
Strand=Plus/Minus

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SMART IV 1 AAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAG 60
      |||
CO356488.1 522 AAGCAGTGGTANCAACGCAGAGT-----ACG-CGGGAAGCAGTGGTAACAACGCAGAG 471

SMART IV 61 TGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAG 120
      |||
CO356488.1 470 T-----ACG-CGGGAAGCAGTGGTAACAACGCAGAGT-----ACG-CGGGAAGCAG 427

SMART IV 121 TGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCA 180
      |||
CO356488.1 426 TGGTAACAACGCAGAGT-----ACG-CGGGAAGCAGTGGTAACAACGCAGAGT----- 380

SMART IV 181 TTACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTAT 240
      |||
CO356488.1 379 --ACG-CGGGAAGCAGTGGTAACAACGCAGAGT-----ACG-CGGGAAGCAGTGGTAA 331

SMART IV 241 CAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGG 300
      |||
CO356488.1 330 CAACGCAGAGT-----ACG-CGGGAAGCAGTGGTAACAACGCAGAGT-----ACG- 287

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SMART IV 301 CCGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGC 360
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 CO356488.1 286 CCGGAAGCAGTGGTAACAACGCAGAGT-----ACG-CGGTAAGCAGTGGTAACAACGC 235

SMART IV 361 AGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGT 403
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 CO356488.1 234 AGAGT-----ACG-CGGTAAGCAGTGGTAACAACGCAGAGT 200

Ovis aries

>gb|GT644549.1| UMC-ooocyte_0A01-001-h07 Oocytes ooocyte Ovis aries cDNA 3', mRNA sequence.
 Length=563

Score = 401 bits (444), Expect = 8e-111
 Identities = 368/457 (80%), Gaps = 41/457 (8%)
 Strand=Plus/Plus

SMART IV 1 AAGCAGTGGTATCAACGCAGAGTGGCCATTA--CGGCCGGAAGCAGTGGTATCAACGC 57
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 GT644549.1 73 AAGCAGTGGTATCAACGCAGAGTCGGCCGCTCACCAGCCGCAAGCAGTGGTATCAACGC 132

SMART IV 58 GAGTGGCCATT--ACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCATT--ACGGCCG 113
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 GT644549.1 133 GAGTGGCCGCTCACCAGCCGCAAGCAGTGGTATCAACGCAGAGTGGCCGCTCACCAGCCG 192

SMART IV 114 GAAGCAGTGGTATCAACGCAGAGTGGCCATT--ACGGCCGGAAGCAGTGGTATCAACGC 171
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 GT644549.1 193 CAAGCAGTGGTATCAACGCAGAGTGGCCGCTCACCAGCTGCAAGCAGTGGTATCAACGC 252

SMART IV 172 GA-GTGGCCATT--ACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCC-- 226
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 GT644549.1 253 GAGGCGGCCGCTCACCAGCCGCAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGC 312

SMART IV 227 -----GGAAGCAGTGGTATCAACGCAGAGTGGCCATT--ACGGCCGGAAGCAGTGGTAT 278
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 GT644549.1 313 TCACCAGCAAGCAGTGGTATCAACGCAGAGTGGCCGCTCACCAGCCGCAAGCAGTGGTAT 372

SMART IV 279 CAACGCAGAGTGGCCATT--ACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCATT-- 334
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 GT644549.1 373 CAACGCAGAGTGGCCGCTCACCAGCCGCAAGCAGTGGTATCAACGCAGAGTGGCCGCTCA 432

SMART IV 335 -----ACGGCCGGAAGCAGTGGTATCAACGCAGAGT--GGCCATT--ACGGCCG 379
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 GT644549.1 433 CCAGCCGCTCACCAGCCGCAAGCAGTGGTATCAACGCAGAGTACGGCCGCTCACCAGCCG 492

SMART IV 380 GAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCC 416
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 GT644549.1 493 CAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCC 529

Sus scrofa

>gb|DN837551.1| ESTG23D2 oropharyngeal tonsils and mandibular lymph nodes of diseased and healthy European wild boar Sus scrofa cDNA clone G23D2 similar to Cytolytic cyplasin S, mRNA sequence.
 Length=207

Score = 140 bits (154), Expect = 2e-31
 Identities = 181/249 (72%), Gaps = 46/249 (18%)
 Strand=Plus/Plus

SMART IV 34 GCCGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACG 93
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 DN837551.1 5 GCGGGAAGCAGTGGTAACAACGCAGAG-----TAC-GCGGGAAGCAGTGGTAACAACG 56

SMART IV 94 CAGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGA 153
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 DN837551.1 57 CAGAG-----TAC-GCGGGAAGCAGTGGTAACAACGCAGAG-----TAC-GCGGGA 100

SMART IV 154 AGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGT 213
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 DN837551.1 101 AGCAGTGGTAACAACGCAGAG-----TACGCTGGGAAGCAGTGGTAACAACGCATAG- 152

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SMART IV      214  GGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGT 273
              |||||  |||||||||||||||  |||||||||||  |||  ||  |||||||||
DN837551.1    153  -----TACGCTGGGAAGCAGTGGTAACAACGCAAAG-----TAC-GCGGGAAGCAAT 198

SMART IV      274  GGTATCAAC 282
              ||||  ||||
DN837551.1    199  GGTAACAAC 207
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Myzus persicae

>gb|ES220107.1| MpGnorm_ag5_K16 Myzus persicae, tobacco lineage, aphid digestive tract normalized library Myzus persicae cDNA clone MpGnorm_ag5_K16, mRNA sequence.
Length=499

Score = 407 bits (450), Expect = 1e-112
Identities = 263/278 (94%), Gaps = 9/278 (3%)
Strand=Plus/Plus

```
SMART IV      2   AGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAA-GCAGTGGTATCAACGCAGAG 60
              |||||||||||||||  |||||||||||||||  |||||||||||  |||  ||  |||||||||
ES220107.1    1   AGCAGTGGTATCA-CGCAGAGTGGCCATTACGGCCGGAAAGCAGTGGTATCAACGCAGAG 59

SMART IV      61  TGGCCATTACGGCCGG-AAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGG-AAGC 118
              ||  |||||||||||||||  |||||||||||||||  |||||||||||  |||  ||  |||||||||
ES220107.1    60  TGTCCATTACGGCCGGGAAGCAGTGGTATCAACGCAGAGTGTCCATTACGGCCGGGAAGC 119

SMART IV      119  AGTGGTATCAACGCAGAGTGGCCATTACGGCCGG-AAGCAGTGGTATCAACGCAGAGTGG 177
              |||||||||||||||  |||||||||||||||  |||||||||||  |||  ||  |||||||||
ES220107.1    120  AGTGGTATCAACGCAGAGTGTCCATTACGGCCGGGAAGCAGTGGTATCAACGCAGAGTGT 179

SMART IV      178  CCATTACGGCCGG-AAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGG-AAGCAGT 235
              |||||||||||||||  |||||||||||||||  |||||||||||  |||  ||  |||||||||
ES220107.1    180  CCATTACGGCCGGGAAGCAGTGGTATCAACGCAGAGTGTCCATTACGGCCGGGAAGCAGT 239

SMART IV      236  GGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGT 273
              |||||||||||||||  |||||||||||  ||||
ES220107.1    240  GGTATCAACGCAGAGTGCCATTACGGCCGG--GCAGT 275
```

Neurospora crassa

>gb|FK707490.1| NCRA00013 Neurospora crassa SSH Library AR01 Neurospora crassa cDNA clone E12.b, mRNA sequence.
Length=181

Score = 71.6 bits (78), Expect = 2e-11
Identities = 92/137 (67%), Gaps = 45/137 (32%)
Strand=Plus/Plus

```
SMART IV      1   AAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAG 60
              |||||||||||||||  |||||||||||  |||  ||  |||||||||
FK707490.1    15  AAGCAGTGGTATCAACGCAGAGT-----AAGCAGTGGTATCAACGCAGAG 59

SMART IV      61  TGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAG 120
              |  |||||||||||||||  |||||||||||  |||  ||  |||||||||
FK707490.1    60  T-----AAGCAGTGGTATCAACGCAGAGT-----AAGCAG 89

SMART IV      121  TGGTATCAACGCAGAGT 137
              |||||||||||||||
FK707490.1    90  TGGTATCAACGCAGAGT 106
```

Anolis carolinensis

>gb|FG733379.1| G1145P313FC15.T0 Anolis carolinensis pooled normalized mixed organ cDNA library Anolis carolinensis cDNA, mRNA sequence.
Length=823

Score = 342 bits (185), Expect = 4e-91
Identities = 195/199 (97%), Gaps = 4/199 (2%)
Strand=Plus/Plus

```

SMART IV      1      AAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGGAAGCAGTGGTATCAACGCAG      60
|
FG733379.1   1      AAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCC-GGGAAGCAGTGGTATCAACGCAG      59
|
SMART IV     61      AGTGGCCATTACGGCCGGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGGG      120
|
FG733379.1   60      AGTGGCCATTACGGCCGGG-AAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGG-      117
|
SMART IV     121     AAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGGAAGCAGTGGTATCAACGCAG      180
|
FG733379.1   118     AAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGG-AAGCAGTGGTATCAACGCAG      176
|
SMART IV     181     AGTGGCCATTACGGCCGGG      199
|
FG733379.1   177     AGTGGCCATTACGGCCGGG      195
    
```

Arabidopsis thaliana

>gb|EG435176.1| AYAQS38TR pooled cDNA populations Arabidopsis thaliana cDNA, mRNA sequence.
 Length=731

Score = 313 bits (346), Expect = 7e-84
 Identities = 313/403 (77%), Gaps = 90/403 (22%)
 Strand=Plus/Minus

```

SMART IV      1      AAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAG      60
|
EG435176.1   727     AAGCAGTGGTATCAACGCAGAGT-----ACG--CGGAAGCAGTGGTATCAACGCAGAG      677
|
SMART IV     61      TGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAG      120
|
EG435176.1   676     -----TACG--CGGAAGCAGTGGTATCAACGCAGAG-----TACG--CGGAAGCAG      635
|
SMART IV     121     TGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCA      180
|
EG435176.1   634     TGGTATCAACGCAGAG-----TACG--CGGAAGCAGTGGTATCAACGCAGAG-----      590
|
SMART IV     181     TTACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTAT      240
|
EG435176.1   589     -TACG--CGGAAGCAGTGGTATCAACGCAGAG-----TACG--CGGAAGCAGTGGTAT      542
|
SMART IV     241     CAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGG      300
|
EG435176.1   541     CAACGCAGAG-----TACG--CGGAAGCAGTGGTATCAACGCAGAG-----TACG-      499
|
SMART IV     301     CCGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGC      360
|
EG435176.1   498     -CGGAAGCAGTGGTATCAACGCAGAG-----TACG--CGGAAGCAGTGGTATCAACGC      449
|
SMART IV     361     AGAGTGGCCATTACGGCCGGAAGCAGTGGTATCAACGCAGAGT      403
|
EG435176.1   448     AGAG-----TACG--CGGAAGCAGTGGTATCAACGCAGAGT      415
    
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Camellia sinensis

>gb|GH709899.1| ESTFullTSD1_345 ESTFullTSD1 Camellia sinensis var. assamica cDNA clone A558 5', mRNA sequence.
 Length=691

Score = 504 bits (558), Expect = 2e-139
 Identities = 347/388 (89%), Gaps = 38/388 (9%)
 Strand=Plus/Plus

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SMART IV      24      GGCCATTACGGCCGG-AAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCC-GGAAGCA      81
|
GH709899.1   33      GGCCATTACGGCCGGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGGAAGCA      92
    
```

SMART IV	82	GTGGTATCAACGCAGAGTGGCCATTACGGCC-GGAAGCAGTGGTATCAACGCAGAGTGGC	140
GH709899.1	93	GTGGTATCAACGCAGAGTGGCCATTACGTCCGGGAAGCAGTGGTATCAACGCAGAGTGGC	152
SMART IV	141	CATTACGGCC-GGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCC-GGAAGCAGTG	198
GH709899.1	153	CATTACGGCCGGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGGGAAGCAGTG	212
SMART IV	199	GTATCAACGCAGAGTGGCCATTACGGC-CGGAAGCAGTGGTATCAACGCAGAGTGGCCAT	257
GH709899.1	213	GTATCAACGCAGAGTGGCCATTACGGCTGGGAAGCAGTGGTATCAACGCAGAGTGGCCAT	272
SMART IV	258	TACGGCC-GGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGC-CGGAAGCAGTGGTA	315
GH709899.1	273	TACGGCCGGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCTGGGAAGCAGTGGTA	332
SMART IV	316	TCAACGCAGAGTGGCCATTACGGCCGGGAAGCAGTGGTATCAACGCAGAGTGGCCATTACG	375
GH709899.1	333	TCAACGCAGAGT-----AAGCAGTGGTATCAACGCAGAGT-----	367
SMART IV	376	GCCGGGAAGCAGTGGTATCAACGCAGAGT	403
GH709899.1	368	-----AAGCAGTGGTATCAACGCAGAGT	390

SUPPLEMENTARY MATERIAL 2

GENBANK ACCESSION NUMBERS OF ANOLIS CAROLINENSIS EST SEQUENCES THAT CONTAIN DIFFERENT NUMBER OF REPEATS OF THE WHOLE OR TRUNCATED SWITCH PRIMER SEQUENCE.

Anolis carolinensis EST Sequences that Contain Different Number of Repeats of the whole or Truncated Switch Primer Sequence.

GenBank Accession Number	Repeat Number
gi 190273522 gb FG740832.1	21
gi 190275409 gb FG748137.1	21
gi 190263923 gb FG739473.1	19
gi 190271898 gb FG739857.1	18
gi 190257408 gb FG729916.1	18
gi 190287339 gb FG754713.1	17
gi 190262542 gb FG736639.1	17
gi 190263890 gb FG734912.1	17
gi 190220325 gb FG690578.1	17
gi 190225290 gb FG695042.1	16
gi 190257410 gb FG729918.1	16
gi 190271200 gb FG740741.1	16
gi 190255702 gb FG726724.1	16
gi 190223963 gb FG693294.1	16
gi 190256003 gb FG726221.1	16
gi 190263819 gb FG734897.1	16
gi 190232015 gb FG705992.1	16
gi 190251724 gb FG719386.1	15

GenBank Accession Number	Repeat Number
gi 190264750 gb FG736417.1	15
gi 190234849 gb FG707689.1	15
gi 190260696 gb FG732155.1	15
gi 190255334 gb FG726352.1	15
gi 190261168 gb FG731489.1	15
gi 190259775 gb FG730301.1	15
gi 190281314 gb FG749034.1	15
gi 190163824 gb FG659081.1	15
gi 190276647 gb FG748185.1	14
gi 190278093 gb FG753233.1	14
gi 190255334 gb FG726352.1	14
gi 190256900 gb FG731290.1	14
gi 190164411 gb FG661010.1	14
gi 190226489 gb FG697919.1	14
gi 190263500 gb FG738601.1	14
gi 190261149 gb FG732484.1	14
gi 190255380 gb FG726400.1	14
gi 190255049 gb FG726635.1	14

Supplementary file 2. contd....

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190270220 gb FG742748.1	14
gi 190258847 gb FG729065.1	14
gi 190242833 gb FG714780.1	14
gi 190155472 gb FG650755.1	13
gi 190254695 gb FG728176.1	13
gi 190238113 gb FG709238.1	13
gi 190264190 gb FG739121.1	13
gi 190275077 gb FG748354.1	13
gi 190316153 gb FG785580.1	13
gi 190164159 gb FG661617.1	13
gi 190252189 gb FG723958.1	13
gi 190257069 gb FG731333.1	13
gi 190263049 gb FG737059.1	13
gi 190256981 gb FG732202.1	13
gi 190321371 gb FG794992.1	13
gi 190266227 gb FG739029.1	13
gi 190158571 gb FG654206.1	13
gi 190199974 gb FG672322.1	12
gi 190261244 gb FG731565.1	12
gi 190273418 gb FG742846.1	12
gi 190280081 gb FG750959.1	12
gi 190255949 gb FG726167.1	12
gi 190238217 gb FG709286.1	12
gi 190255781 gb FG726803.1	12
gi 190274131 gb FG745592.1	12
gi 190273520 gb FG740830.1	12
gi 190165029 gb FG658809.1	12
gi 190279278 gb FG752429.1	12
gi 190152334 gb FG652088.1	12
gi 190227828 gb FG701602.1	12
gi 190270001 gb FG744183.1	12
gi 190256687 gb FG728152.1	12
gi 190256389 gb FG728054.1	12
gi 190257571 gb FG731670.1	12
gi 190265468 gb FG734724.1	12
gi 190167930 gb FG663903.1	12
gi 190270820 gb FG741804.1	12

GenBank Accession Number	Repeat Number
gi 190155565 gb FG651660.1	12
gi 190248640 gb FG720419.1	12
gi 190225830 gb FG701554.1	12
gi 190281394 gb FG754400.1	12
gi 190227768 gb FG698021.1	11
gi 190256834 gb FG729497.1	11
gi 190267854 gb FG738179.1	11
gi 190258308 gb FG730575.1	11
gi 190273254 gb FG743382.1	11
gi 190226512 gb FG701828.1	11
gi 190268793 gb FG740633.1	11
gi 190262588 gb FG736656.1	11
gi 190263364 gb FG738227.1	11
gi 190257670 gb FG729281.1	11
gi 190256830 gb FG729493.1	11
gi 190244629 gb FG716863.1	11
gi 190232847 gb FG704268.1	11
gi 190224108 gb FG692051.1	11
gi 190282319 gb FG752563.1	11
gi 190269205 gb FG740904.1	11
gi 190257008 gb FG729545.1	11
gi 190260364 gb FG732075.1	11
gi 190237844 gb FG712122.1	11
gi 190262288 gb FG730713.1	11
gi 190286396 gb FG760025.1	11
gi 190261325 gb FG728641.1	11
gi 190271175 gb FG740730.1	11
gi 190268432 gb FG745052.1	11
gi 190223796 gb FG695327.1	11
gi 190266067 gb FG738365.1	11
gi 190272175 gb FG744577.1	11
gi 190153143 gb FG648375.1	10
gi 190222520 gb FG693717.1	10
gi 190200135 gb FG672370.1	10
gi 190250365 gb FG721741.1	10
gi 190218667 gb FG690513.1	10
gi 190226121 gb FG699723.1	10

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190259372 gb FG730868.1	10
gi 190267979 gb FG734224.1	10
gi 190270687 gb FG744883.1	10
gi 190245074 gb FG715144.1	10
gi 190250769 gb FG722932.1	10
gi 190317710 gb FG784884.1	10
gi 190273667 gb FG745323.1	10
gi 190255182 gb FG727678.1	10
gi 190289747 gb FG762958.1	10
gi 190156258 gb FG647888.1	10
gi 190330348 gb FG802396.1	10
gi 190288587 gb FG755597.1	10
gi 190152065 gb FG651708.1	10
gi 190268949 gb FG745583.1	10
gi 190241348 gb FG712566.1	10
gi 190260094 gb FG729777.1	10
gi 190232556 gb FG703977.1	10
gi 190165246 gb FG658857.1	10
gi 190259064 gb FG729940.1	10
gi 190233796 gb FG702831.1	10
gi 190164159 gb FG661617.1	10
gi 190230446 gb FG698747.1	10
gi 190249628 gb FG722208.1	9
gi 190272328 gb FG745458.1	9
gi 190268693 gb FG744711.1	9
gi 190254343 gb FG726269.1	9
gi 190164016 gb FG661569.1	9
gi 190152282 gb FG649624.1	9
gi 190260903 gb FG730689.1	9
gi 190271022 gb FG745218.1	9
gi 190272535 gb FG744307.1	9
gi 190247541 gb FG721219.1	9
gi 190281274 gb FG750775.1	9
gi 190282909 gb FG749713.1	9
gi 190259975 gb FG728846.1	9
gi 190266512 gb FG735361.1	9
gi 190157773 gb FG658184.1	9

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190264414 gb FG738897.1	9
gi 190225672 gb FG699080.1	9
gi 190242279 gb FG715861.1	9
gi 190288269 gb FG756399.1	9
gi 190285244 gb FG756017.1	9
gi 190152095 gb FG652611.1	9
gi 190270124 gb FG745440.1	9
gi 190257321 gb FG729871.1	9
gi 190222713 gb FG695480.1	9
gi 190168104 gb FG666491.1	9
gi 190156665 gb FG649884.1	9
gi 190163211 gb FG662733.1	9
gi 190225718 gb FG702454.1	9
gi 190153091 gb FG652391.1	9
gi 190278246 gb FG750354.1	9
gi 190244637 gb FG714501.1	9
gi 190218640 gb FG691399.1	9
gi 190282172 gb FG751071.1	9
gi 190273925 gb FG743999.1	9
gi 190159124 gb FG658225.1	9
gi 190242754 gb FG714194.1	9
gi 190249717 gb FG722255.1	9
gi 190264188 gb FG739119.1	9
gi 190320831 gb FG794341.1	9
gi 190152169 gb FG652614.1	9
gi 190259848 gb FG731781.1	9
gi 190268067 gb FG734270.1	9
gi 190218050 gb FG687337.1	8
gi 190156589 gb FG648954.1	8
gi 190269861 gb FG743804.1	8
gi 190327078 gb FG798567.1	8
gi 190272774 gb FG742230.1	8
gi 190227484 gb FG698297.1	8
gi 190160599 gb FG654381.1	8
gi 190253903 gb FG725019.1	8
gi 190235140 gb FG704468.1	8
gi 190291738 gb FG764825.1	8

Supplementary file 2. contd....

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GenBank Accession Number	Repeat Number
gi 190164129 gb FG658471.1	8
gi 190264451 gb FG738934.1	8
gi 190268967 gb FG744355.1	8
gi 190260847 gb FG730661.1	8
gi 190277920 gb FG753186.1	8
gi 190261156 gb FG733600.1	8
gi 190267314 gb FG736066.1	8
gi 190234156 gb FG703724.1	8
gi 190165119 gb FG663420.1	8
gi 190271929 gb FG741540.1	8
gi 190228697 gb FG698651.1	8
gi 190271235 gb FG743974.1	8
gi 190266981 gb FG735663.1	8
gi 190259137 gb FG733206.1	8
gi 190248838 gb FG723994.1	8
gi 190245033 gb FG717486.1	8
gi 190285708 gb FG755399.1	8
gi 190260585 gb FG732128.1	8
gi 190223825 gb FG693226.1	8
gi 190265331 gb FG734657.1	8
gi 190271923 gb FG741534.1	8
gi 190224617 gb FG695827.1	8
gi 190264357 gb FG735279.1	8
gi 190263958 gb FG734923.1	8
gi 190261013 gb FG733527.1	8
gi 190233594 gb FG704077.1	8
gi 190251679 gb FG723294.1	8
gi 190271885 gb FG742182.1	8
gi 190284538 gb FG758102.1	8
gi 190256520 gb FG728099.1	8
gi 190233298 gb FG707517.1	8
gi 190261044 gb FG733544.1	8
gi 190251559 gb FG721445.1	8
gi 190249947 gb FG723135.1	8
gi 190284927 gb FG756863.1	8
gi 190288909 gb FG761069.1	8
gi 190218057 gb FG687903.1	8

GenBank Accession Number	Repeat Number
gi 190260507 gb FG731219.1	8
gi 190219408 gb FG689170.1	8
gi 190263153 gb FG734609.1	8
gi 190265678 gb FG738019.1	8
gi 190264799 gb FG735567.1	8
gi 190257429 gb FG733158.1	8
gi 190164211 gb FG661627.1	8
gi 190253466 gb FG725296.1	8
gi 190268756 gb FG741492.1	8
gi 190252149 gb FG723946.1	8
gi 190224008 gb FG696659.1	8
gi 190250598 gb FG720511.1	8
gi 190288341 gb FG758857.1	8
gi 190252976 gb FG724623.1	8
gi 190218999 gb FG687125.1	7
gi 190255455 gb FG727951.1	7
gi 190169612 gb FG666512.1	7
gi 190153665 gb FG650674.1	7
gi 190224120 gb FG696954.1	7
gi 190221197 gb FG694859.1	7
gi 190164054 gb FG661579.1	7
gi 190251544 gb FG723229.1	7
gi 190224948 gb FG693650.1	7
gi 190168998 gb FG665127.1	7
gi 190167690 gb FG664377.1	7
gi 190249710 gb FG722248.1	7
gi 190206746 gb FG673167.1	7
gi 190267481 gb FG737246.1	7
gi 190276592 gb FG747041.1	7
gi 190258432 gb FG732587.1	7
gi 190241348 gb FG712566.1	7
gi 190287129 gb FG755766.1	7
gi 190160555 gb FG653473.1	7
gi 190265651 gb FG739238.1	7
gi 190258343 gb FG732582.1	7
gi 190153038 gb FG651255.1	7
gi 190274038 gb FG744056.1	7

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190223450 gb FG692306.1	7
gi 190222258 gb FG696817.1	7
gi 190272953 gb FG739607.1	7
gi 190256112 gb FG727474.1	7
gi 190266086 gb FG736279.1	7
gi 190283224 gb FG754796.1	7
gi 190273935 gb FG742565.1	7
gi 190261614 gb FG733890.1	7
gi 190158582 gb FG656113.1	7
gi 190241175 gb FG708807.1	7
gi 190164749 gb FG660785.1	7
gi 190237663 gb FG710367.1	7
gi 190267428 gb FG737221.1	7
gi 190254990 gb FG726117.1	7
gi 190161957 gb FG655659.1	7
gi 190259869 gb FG731788.1	7
gi 190251287 gb FG719092.1	7
gi 190267377 gb FG737198.1	7
gi 190262532 gb FG736629.1	7
gi 190271885 gb FG742182.1	7
gi 190166591 gb FG662595.1	7
gi 190160189 gb FG657407.1	7
gi 190218472 gb FG691344.1	7
gi 190164199 gb FG660504.1	7
gi 190251679 gb FG723294.1	7
gi 190158910 gb FG657042.1	7
gi 190232642 gb FG703039.1	7
gi 190252943 gb FG724590.1	7
gi 190256264 gb FG725913.1	7
gi 190241764 gb FG710877.1	7
gi 190164808 gb FG660844.1	7
gi 190229217 gb FG698442.1	7
gi 190256139 gb FG727725.1	7
gi 190218802 gb FG688768.1	7
gi 190158545 gb FG654194.1	7
gi 190213264 gb FG684304.1	7
gi 190241565 gb FG712614.1	7

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
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gi 190218712 gb FG690530.1	7
gi 190264139 gb FG739521.1	7
gi 190321175 gb FG792330.1	7
gi 190257669 gb FG729280.1	7
gi 190266522 gb FG736578.1	7
gi 190267158 gb FG737819.1	7
gi 190229277 gb FG700128.1	7
gi 190288511 gb FG758901.1	7
gi 190244832 gb FG717866.1	7
gi 190259473 gb FG728556.1	7
gi 190234247 gb FG703759.1	7
gi 190273842 gb FG743732.1	7
gi 190154301 gb FG651525.1	7
gi 190244111 gb FG718072.1	7
gi 190205086 gb FG676645.1	7
gi 190260691 gb FG732150.1	7
gi 190288242 gb FG755294.1	7
gi 190161093 gb FG657426.1	7
gi 190256914 gb FG732177.1	7
gi 190241071 gb FG708759.1	7
gi 190272942 gb FG744950.1	7
gi 190206399 gb FG677328.1	7
gi 190265287 gb FG737068.1	7
gi 190266712 gb FG734455.1	7
gi 190268790 gb FG740630.1	7
gi 190282506 gb FG751670.1	7
gi 190256314 gb FG725963.1	7
gi 190255504 gb FG728000.1	7
gi 190291401 gb FG764194.1	7
gi 190255403 gb FG726423.1	7
gi 190241688 gb FG710858.1	7
gi 190226181 gb FG697080.1	7
gi 190273041 gb FG742300.1	7
gi 190265505 gb FG734971.1	7
gi 190200796 gb FG670860.1	7
gi 190244727 gb FG714549.1	7

Supplementary file 2. contd....

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190165066 gb FG663409.1	7
gi 190218505 gb FG690465.1	7
gi 190250665 gb FG720578.1	7
gi 190154233 gb FG648476.1	7
gi 190269907 gb FG742379.1	7
gi 190285153 gb FG754889.1	7
gi 190156424 gb FG648916.1	7
gi 190249016 gb FG722862.1	7
gi 190164760 gb FG660796.1	7
gi 190327737 gb FG796772.1	7
gi 190241175 gb FG708807.1	7
gi 190268294 gb FG743190.1	7
gi 190265518 gb FG737971.1	7
gi 190153165 gb FG648383.1	7
gi 190282876 gb FG752040.1	7
gi 190259727 gb FG731718.1	7
gi 190260780 gb FG729415.1	7
gi 190226458 gb FG701816.1	7
gi 190270454 gb FG741298.1	7
gi 190236117 gb FG702991.1	7
gi 190229057 gb FG698394.1	7
gi 190274025 gb FG742613.1	7
gi 190258493 gb FG731957.1	7
gi 190159378 gb FG654593.1	7
gi 190266560 gb FG735381.1	7
gi 190152070 gb FG652035.1	7
gi 190227898 gb FG700728.1	7
gi 190286688 gb FG756977.1	7
gi 190265331 gb FG734657.1	6
gi 190262140 gb FG729232.1	6
gi 190248663 gb FG720428.1	6
gi 190238860 gb FG711579.1	6
gi 190229969 gb FG700820.1	6
gi 190160577 gb FG654373.1	6
gi 190166566 gb FG662584.1	6
gi 190245829 gb FG718168.1	6
gi 190168282 gb FG666740.1	6

GenBank Accession Number	Repeat Number
gi 190257311 gb FG733096.1	6
gi 190247513 gb FG721205.1	6
gi 190254577 gb FG727863.1	6
gi 190279673 gb FG753062.1	6
gi 190229217 gb FG698442.1	6
gi 190217357 gb FG690178.1	6
gi 190238115 gb FG709240.1	6
gi 190159646 gb FG655590.1	6
gi 190244295 gb FG715949.1	6
gi 190251723 gb FG719385.1	6
gi 190260533 gb FG732118.1	6
gi 190233612 gb FG705207.1	6
gi 190242765 gb FG714740.1	6
gi 190164516 gb FG661904.1	6
gi 190156521 gb FG648254.1	6
gi 190261174 gb FG731495.1	6
gi 190257016 gb FG731322.1	6
gi 190168205 gb FG665918.1	6
gi 190159780 gb FG657656.1	6
gi 190250618 gb FG720531.1	6
gi 190219899 gb FG691124.1	6
gi 190217004 gb FG689605.1	6
gi 190258065 gb FG733427.1	6
gi 190263446 gb FG735812.1	6
gi 190240527 gb FG708203.1	6
gi 190272834 gb FG739573.1	6
gi 190260582 gb FG732125.1	6
gi 190243281 gb FG717776.1	6
gi 190265753 gb FG735051.1	6
gi 190152259 gb FG652634.1	6
gi 190221001 gb FG697002.1	6
gi 190231956 gb FG705975.1	6
gi 190250399 gb FG719961.1	6
gi 190243075 gb FG718608.1	6
gi 190227132 gb FG700425.1	6
gi 190244242 gb FG715924.1	6
gi 190243065 gb FG717728.1	6

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190268795 gb FG740635.1	6
gi 190284029 gb FG757733.1	6
gi 190275029 gb FG748306.1	6
gi 190161871 gb FG658405.1	6
gi 190163588 gb FG663025.1	6
gi 190269022 gb FG744381.1	6
gi 190247876 gb FG719249.1	6
gi 190259433 gb FG728544.1	6
gi 190235231 gb FG706415.1	6
gi 190263662 gb FG739422.1	6
gi 190240882 gb FG711737.1	6
gi 190265093 gb FG737672.1	6
gi 190318066 gb FG793402.1	6
gi 190258007 gb FG730204.1	6
gi 190246829 gb FG713465.1	6
gi 190259436 gb FG728547.1	6
gi 190253867 gb FG724463.1	6
gi 190231013 gb FG700295.1	6
gi 190222590 gb FG695693.1	6
gi 190215369 gb FG691447.1	6
gi 190219609 gb FG691658.1	6
gi 190265055 gb FG737634.1	6
gi 190258822 gb FG729055.1	6
gi 190263326 gb FG738553.1	6
gi 190249577 gb FG721400.1	6
gi 190293217 gb FG764873.1	6
gi 190221962 gb FG693159.1	6
gi 190233517 gb FG704042.1	6
gi 190268441 gb FG745061.1	6
gi 190228431 gb FG701024.1	6
gi 190273927 gb FG744001.1	6
gi 190216038 gb FG688631.1	6
gi 190220092 gb FG687448.1	6
gi 190239137 gb FG709068.1	6
gi 190169568 gb FG666032.1	6
gi 190256553 gb FG727221.1	6
gi 190242792 gb FG714753.1	6

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190168157 gb FG665870.1	6
gi 190244190 gb FG714787.1	6
gi 190199212 gb FG670838.1	6
gi 190164221 gb FG662188.1	6
gi 190248016 gb FG723342.1	6
gi 190272350 gb FG741344.1	6
gi 190216703 gb FG691242.1	6
gi 190163183 gb FG662719.1	6
gi 190221319 gb FG694477.1	6
gi 190266128 gb FG736293.1	6
gi 190259280 gb FG730833.1	6
gi 190168100 gb FG666487.1	6
gi 190237953 gb FG712175.1	6
gi 190229992 gb FG700829.1	6
gi 190264789 gb FG736442.1	6
gi 190234310 gb FG705565.1	6
gi 190266191 gb FG738993.1	6
gi 190266173 gb FG738975.1	6
gi 190157425 gb FG654833.1	6
gi 190236213 gb FG704800.1	6
gi 190156764 gb FG649002.1	6
gi 190261820 gb FG733379.1	6
gi 190248940 gb FG722815.1	6
gi 190264908 gb FG735620.1	6
gi 190290547 gb FG760899.1	6
gi 190255441 gb FG726461.1	6
gi 190158545 gb FG654194.1	6
gi 190262395 gb FG733658.1	6
gi 190251460 gb FG719153.1	6
gi 190217805 gb FG691076.1	6
gi 190267388 gb FG735104.1	6
gi 190325314 gb FG798796.1	6
gi 190159045 gb FG654862.1	6
gi 190264654 gb FG736783.1	6
gi 190246059 gb FG716047.1	6
gi 190233551 gb FG705174.1	6
gi 190229750 gb FG699577.1	6

Supplementary file 2. contd....

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190241605 gb FG710282.1	6
gi 190254492 gb FG727588.1	6
gi 190156404 gb FG648222.1	6
gi 190153452 gb FG650323.1	6
gi 190271205 gb FG740746.1	6
gi 190270116 gb FG745432.1	6
gi 190165567 gb FG661377.1	6
gi 190169468 gb FG664922.1	6
gi 190245871 gb FG716635.1	6
gi 190236581 gb FG705126.1	6
gi 190160744 gb FG654958.1	6
gi 190158068 gb FG655491.1	6
gi 190221978 gb FG693175.1	6
gi 190237538 gb FG711829.1	6
gi 190167901 gb FG664448.1	6
gi 190217355 gb FG690176.1	6
gi 190226859 gb FG702148.1	6
gi 190239003 gb FG708668.1	6
gi 190231698 gb FG706558.1	6
gi 190246034 gb FG717263.1	6
gi 190222136 gb FG695125.1	6
gi 190227459 gb FG698272.1	6
gi 190224265 gb FG694367.1	6
gi 190156007 gb FG652030.1	6
gi 190257678 gb FG730157.1	6
gi 190253133 gb FG724415.1	6
gi 190247871 gb FG719244.1	6
gi 190246495 gb FG718493.1	6
gi 190244232 gb FG714800.1	6
gi 190230853 gb FG700247.1	6
gi 190224687 gb FG695645.1	6
gi 190220562 gb FG688948.1	6
gi 190218507 gb FG691351.1	6
gi 190152261 gb FG652636.1	6
gi 190318238 gb FG793448.1	6
gi 190232330 gb FG704848.1	6
gi 190218247 gb FG691610.1	6

GenBank Accession Number	Repeat Number
gi 190242708 gb FG714711.1	6
gi 190320162 gb FG794571.1	6
gi 190199530 gb FG667773.1	6
gi 190170175 gb FG665743.1	6
gi 190219905 gb FG686831.1	6
gi 190222147 gb FG696230.1	6
gi 190262790 gb FG737586.1	6
gi 190156963 gb FG650559.1	6
gi 190268863 gb FG744769.1	6
gi 190278454 gb FG751830.1	6
gi 190263648 gb FG737293.1	6
gi 190229271 gb FG698916.1	6
gi 190269918 gb FG743819.1	6
gi 190158768 gb FG657894.1	6
gi 190281787 gb FG753868.1	6
gi 190260588 gb FG732131.1	6
gi 190238309 gb FG709448.1	6
gi 190326108 gb FG799366.1	6
gi 190250711 gb FG722874.1	6
gi 190153438 gb FG650309.1	6
gi 190216898 gb FG690750.1	6
gi 190261189 gb FG731510.1	6
gi 190241376 gb FG709670.1	6
gi 190268694 gb FG744712.1	6
gi 190262587 gb FG736655.1	6
gi 190222930 gb FG694015.1	6
gi 190153200 gb FG648404.1	6
gi 190256707 gb FG726472.1	6
gi 190254747 gb FG726975.1	6
gi 190221332 gb FG692807.1	6
gi 190219709 gb FG688583.1	5
gi 190245713 gb FG714322.1	5
gi 190219899 gb FG691124.1	5
gi 190239047 gb FG709020.1	5
gi 190162180 gb FG656930.1	5
gi 190272776 gb FG744898.1	5
gi 190260606 gb FG730123.1	5

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190219917 gb FG687400.1	5
gi 190265968 gb FG736245.1	5
gi 190219658 gb FG691679.1	5
gi 190286574 gb FG756947.1	5
gi 190221478 gb FG694524.1	5
gi 190245430 gb FG717587.1	5
gi 190235909 gb FG704158.1	5
gi 190158862 gb FG656994.1	5
gi 190241248 gb FG712089.1	5
gi 190241950 gb FG709187.1	5
gi 190169131 gb FG666887.1	5
gi 190168352 gb FG665646.1	5
gi 190227464 gb FG698277.1	5
gi 190216907 gb FG690759.1	5
gi 190230528 gb FG702043.1	5
gi 190230944 gb FG700604.1	5
gi 190290534 gb FG760886.1	5
gi 190326156 gb FG799414.1	5
gi 190266039 gb FG736260.1	5
gi 190241039 gb FG709401.1	5
gi 190245622 gb FG713736.1	5
gi 190228641 gb FG699829.1	5
gi 190263732 gb FG733983.1	5
gi 190253687 gb FG724185.1	5
gi 190163889 gb FG663129.1	5
gi 190271520 gb FG743599.1	5
gi 190153541 gb FG650607.1	5
gi 190257669 gb FG729280.1	5
gi 190221886 gb FG694329.1	5
gi 190215260 gb FG685079.1	5
gi 190237863 gb FG712127.1	5
gi 190242797 gb FG714758.1	5
gi 190242127 gb FG718016.1	5
gi 190196003 gb FG667753.1	5
gi 190226379 gb FG700990.1	5
gi 190264606 gb FG736735.1	5
gi 190229350 gb FG698939.1	5

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190158040 gb FG653362.1	5
gi 190250264 gb FG720234.1	5
gi 190220361 gb FG689476.1	5
gi 190154334 gb FG648163.1	5
gi 190262104 gb FG730445.1	5
gi 190224144 gb FG696964.1	5
gi 190259741 gb FG730281.1	5
gi 190271803 gb FG742142.1	5
gi 190254399 gb FG726297.1	5
gi 190164835 gb FG660871.1	5
gi 190238380 gb FG713048.1	5
gi 190224482 gb FG693828.1	5
gi 190226369 gb FG700980.1	5
gi 190276071 gb FG747253.1	5
gi 190251635 gb FG721478.1	5
gi 190276592 gb FG747041.1	5
gi 190268770 gb FG744732.1	5
gi 190168640 gb FG664180.1	5
gi 190220411 gb FG689498.1	5
gi 190272178 gb FG744580.1	5
gi 190293387 gb FG761318.1	5
gi 190273030 gb FG742289.1	5
gi 190252281 gb FG720281.1	5
gi 190258042 gb FG732534.1	5
gi 190168836 gb FG666201.1	5
gi 190233189 gb FG703376.1	5
gi 190252031 gb FG721774.1	5
gi 190165576 gb FG661386.1	5
gi 190227633 gb FG701294.1	5
gi 190258638 gb FG729642.1	5
gi 190241195 gb FG712064.1	5
gi 190273795 gb FG740265.1	5
gi 190232258 gb FG707849.1	5
gi 190226820 gb FG697998.1	5
gi 190258549 gb FG732013.1	5
gi 190278584 gb FG748900.1	5
gi 190249740 gb FG722264.1	5

Supplementary file 2. contd....

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GenBank Accession Number	Repeat Number
gi 190262379 gb FG730761.1	5
gi 190272948 gb FG739602.1	5
gi 190156733 gb FG652352.1	5
gi 190164766 gb FG660802.1	5
gi 190167075 gb FG660910.1	5
gi 190216554 gb FG686996.1	5
gi 190326800 gb FG798472.1	5
gi 190243123 gb FG716167.1	5
gi 190248750 gb FG720473.1	5
gi 190154233 gb FG648476.1	5
gi 190282698 gb FG749642.1	5
gi 190266588 gb FG735395.1	5
gi 190238485 gb FG713097.1	5
gi 190168374 gb FG664754.1	5
gi 190161638 gb FG658309.1	5
gi 190170223 gb FG665791.1	5
gi 190254625 gb FG727911.1	5
gi 190160421 gb FG653409.1	5
gi 190271992 gb FG741603.1	5
gi 190262134 gb FG729226.1	5
gi 190261712 gb FG733355.1	5
gi 190236070 gb FG703868.1	5
gi 190224291 gb FG696383.1	5
gi 190202631 gb FG673867.1	5
gi 190159585 gb FG655558.1	5
gi 190219113 gb FG690212.1	5
gi 190251283 gb FG719088.1	5
gi 190270849 gb FG745157.1	5
gi 190266209 gb FG739011.1	5
gi 190255511 gb FG728007.1	5
gi 190160315 gb FG655895.1	5
gi 190167085 gb FG662034.1	5
gi 190267457 gb FG737236.1	5
gi 190160123 gb FG657719.1	5
gi 190284478 gb FG755687.1	5
gi 190248171 gb FG720120.1	5
gi 190167703 gb FG664938.1	5

GenBank Accession Number	Repeat Number
gi 190252832 gb FG725139.1	5
gi 190258931 gb FG729107.1	5
gi 190268943 gb FG745577.1	5
gi 190228279 gb FG697509.1	5
gi 190219781 gb FG688613.1	5
gi 190325997 gb FG796073.1	5
gi 190273645 gb FG745301.1	5
gi 190252811 gb FG725118.1	5
gi 190228810 gb FG702596.1	5
gi 190220999 gb FG697000.1	5
gi 190159651 gb FG655595.1	5
gi 190159595 gb FG655568.1	5
gi 190157890 gb FG653864.1	5
gi 190156882 gb FG650521.1	5
gi 190252685 gb FG724847.1	5
gi 190230804 gb FG700002.1	5
gi 190221765 gb FG694292.1	5
gi 190169118 gb FG663970.1	5
gi 190168703 gb FG664215.1	5
gi 190159692 gb FG655284.1	5
gi 190157876 gb FG653310.1	5
gi 190246204 gb FG717321.1	5
gi 190155094 gb FG648834.1	5
gi 190154054 gb FG652802.1	5
gi 190260461 gb FG731215.1	5
gi 190268867 gb FG739643.1	5
gi 190273840 gb FG743730.1	5
gi 190272529 gb FG744301.1	5
gi 190249442 gb FG719692.1	5
gi 190164537 gb FG662474.1	5
gi 190218097 gb FG687356.1	5
gi 190270943 gb FG741843.1	5
gi 190235621 gb FG707297.1	5
gi 190273745 gb FG740243.1	5
gi 190167547 gb FG661495.1	5
gi 190262990 gb FG737000.1	5
gi 190275125 gb FG747730.1	5

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190272646 gb FG741920.1	5
gi 190264269 gb FG735191.1	5
gi 190249593 gb FG719278.1	5
gi 190216921 gb FG691319.1	5
gi 190151888 gb FG651449.1	5
gi 190243606 gb FG717133.1	5
gi 190325498 gb FG795742.1	5
gi 190253639 gb FG724137.1	5
gi 190234896 gb FG707032.1	5
gi 190232373 gb FG706884.1	5
gi 190255221 gb FG727269.1	5
gi 190169931 gb FG663759.1	5
gi 190169827 gb FG663711.1	5
gi 190277818 gb FG749450.1	5
gi 190157188 gb FG657835.1	5
gi 190156108 gb FG648604.1	5
gi 190256839 gb FG729502.1	5
gi 190233925 gb FG706710.1	5
gi 190243145 gb FG718622.1	5
gi 190264885 gb FG735611.1	5
gi 190254326 gb FG727508.1	5
gi 190268828 gb FG740640.1	5
gi 190215910 gb FG690878.1	5
gi 190255175 gb FG727671.1	5
gi 190271411 gb FG743574.1	5
gi 190154775 gb FG649355.1	5
gi 190239149 gb FG708744.1	5
gi 190273556 gb FG740866.1	5
gi 190161861 gb FG655395.1	5
gi 190168121 gb FG665834.1	5
gi 190249960 gb FG723148.1	5
gi 190288042 gb FG758276.1	5
gi 190195975 gb FG667725.1	5
gi 190247224 gb FG716465.1	5
gi 190157040 gb FG657759.1	5
gi 190266099 gb FG737487.1	5
gi 190247006 gb FG717699.1	5

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190257858 gb FG733403.1	5
gi 190273262 gb FG739942.1	5
gi 190257663 gb FG729274.1	5
gi 190245651 gb FG713737.1	5
gi 190272226 gb FG744628.1	5
gi 190164787 gb FG660823.1	5
gi 190259948 gb FG728833.1	5
gi 190222410 gb FG696325.1	5
gi 190278454 gb FG751830.1	5
gi 190258330 gb FG731145.1	5
gi 190156148 gb FG649531.1	5
gi 190247891 gb FG723075.1	5
gi 190268722 gb FG741486.1	5
gi 190317016 gb FG787421.1	5
gi 190315502 gb FG788391.1	5
gi 190263077 gb FG734533.1	5
gi 190218776 gb FG687044.1	5
gi 190260314 gb FG732940.1	5
gi 190237290 gb FG708317.1	5
gi 190281093 gb FG752266.1	5
gi 190217287 gb FG690108.1	5
gi 190237563 gb FG711854.1	5
gi 190157811 gb FG655404.1	5
gi 190227062 gb FG700061.1	5
gi 190234986 gb FG705932.1	5
gi 190232229 gb FG705490.1	5
gi 190156515 gb FG652304.1	5
gi 190236454 gb FG705675.1	5
gi 190223621 gb FG692954.1	5
gi 190266531 gb FG735366.1	5
gi 190220307 gb FG689450.1	5
gi 190258225 gb FG731126.1	5
gi 190252288 gb FG720288.1	5
gi 190257689 gb FG730493.1	5
gi 190259945 gb FG728830.1	5
gi 190224013 gb FG693316.1	5
gi 190240826 gb FG711710.1	5

Supplementary file 2. contd....

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190230902 gb FG700590.1	5
gi 190269635 gb FG740046.1	5
gi 190219493 gb FG687969.1	5
gi 190226604 gb FG697950.1	5
gi 190232084 gb FG707801.1	5
gi 190215608 gb FG688342.1	5
gi 190248928 gb FG724042.1	5
gi 190223501 gb FG694908.1	5
gi 190155414 gb FG652846.1	5
gi 190218028 gb FG689357.1	5
gi 190268874 gb FG739650.1	5
gi 190250220 gb FG721666.1	5
gi 190226727 gb FG698871.1	5
gi 190217316 gb FG690137.1	5
gi 190288701 gb FG759175.1	5
gi 190237731 gb FG711502.1	5
gi 190248959 gb FG724059.1	5
gi 190286313 gb FG759942.1	5
gi 190273885 gb FG740313.1	5
gi 190248660 gb FG720425.1	5
gi 190225837 gb FG701561.1	5
gi 190216705 gb FG691244.1	5
gi 190232183 gb FG706034.1	5
gi 190154630 gb FG651304.1	5
gi 190255104 gb FG726690.1	5
gi 190220092 gb FG687448.1	5
gi 190243375 gb FG713645.1	5
gi 190269183 gb FG742002.1	5
gi 190162277 gb FG655991.1	5
gi 190290768 gb FG761456.1	5
gi 190269754 gb FG743781.1	5
gi 190245033 gb FG717486.1	5
gi 190248527 gb FG718971.1	5
gi 190224118 gb FG696952.1	5
gi 190164454 gb FG661053.1	5
gi 190273776 gb FG743694.1	5
gi 190155546 gb FG652894.1	5

GenBank Accession Number	Repeat Number
gi 190247399 gb FG713820.1	5
gi 190156455 gb FG652287.1	5
gi 190263446 gb FG735812.1	5
gi 190220750 gb FG696219.1	5
gi 190251012 gb FG722036.1	5
gi 190228807 gb FG702285.1	5
gi 190154250 gb FG652178.1	5
gi 190153949 gb FG652754.1	5
gi 190216504 gb FG686946.1	5
gi 190159851 gb FG657671.1	5
gi 190168614 gb FG664168.1	5
gi 190244370 gb FG715967.1	5
gi 190221957 gb FG693154.1	5
gi 190255039 gb FG726625.1	5
gi 190284305 gb FG755640.1	5
gi 190161232 gb FG654676.1	5
gi 190266195 gb FG738997.1	5
gi 190241039 gb FG709401.1	5
gi 190152070 gb FG652035.1	5
gi 190333156 gb FG804411.1	5
gi 190251666 gb FG721495.1	5
gi 190245337 gb FG714099.1	5
gi 190230708 gb FG697636.1	5
gi 190230674 gb FG699956.1	5
gi 190217561 gb FG688471.1	5
gi 190169992 gb FG663792.1	5
gi 190162944 gb FG662426.1	5
gi 190273597 gb FG745253.1	5
gi 190253996 gb FG725070.1	5
gi 190248665 gb FG720430.1	5
gi 190237230 gb FG708074.1	5
gi 190233834 gb FG706662.1	5
gi 190231402 gb FG703300.1	5
gi 190227385 gb FG702548.1	5
gi 190224210 gb FG694340.1	5
gi 190222166 gb FG696781.1	5
gi 190218933 gb FG689697.1	5

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190215819 gb FG690337.1	5
gi 190169208 gb FG664018.1	5
gi 190161978 gb FG654103.1	5
gi 190161404 gb FG653722.1	5
gi 190158077 gb FG655500.1	5
gi 190155865 gb FG651958.1	5
gi 190155219 gb FG650474.1	5
gi 190253580 gb FG724752.1	5
gi 190237378 gb FG708363.1	5
gi 190230644 gb FG699954.1	5
gi 190216402 gb FG691829.1	5
gi 190246336 gb FG717369.1	5
gi 190256886 gb FG729507.1	5
gi 190218104 gb FG687921.1	5
gi 190268802 gb FG741510.1	5
gi 190259261 gb FG728485.1	5
gi 190266275 gb FG739077.1	5
gi 190220675 gb FG696186.1	5
gi 190260496 gb FG730097.1	5
gi 190327906 gb FG796169.1	5
gi 190221016 gb FG692099.1	5
gi 190219285 gb FG692025.1	5
gi 190168592 gb FG664160.1	5
gi 190239152 gb FG708747.1	5
gi 190162549 gb FG658645.1	5
gi 190253129 gb FG724411.1	5
gi 190235366 gb FG703208.1	5
gi 190229103 gb FG698412.1	5
gi 190228693 gb FG698647.1	5
gi 190217964 gb FG687308.1	5
gi 190267353 gb FG737188.1	5
gi 190258221 gb FG731122.1	5
gi 190255393 gb FG726413.1	5
gi 190231108 gb FG700656.1	5
gi 190251078 gb FG721157.1	5
gi 190231290 gb FG704492.1	5
gi 190279488 gb FG753507.1	5

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190263326 gb FG738553.1	5
gi 190251782 gb FG719444.1	4
gi 190263992 gb FG737370.1	4
gi 190252581 gb FG720384.1	4
gi 190226820 gb FG697998.1	4
gi 190218482 gb FG688205.1	4
gi 190218951 gb FG687105.1	4
gi 190227177 gb FG700120.1	4
gi 190235467 gb FG706273.1	4
gi 190224598 gb FG695822.1	4
gi 190166114 gb FG663217.1	4
gi 190221319 gb FG694477.1	4
gi 190272886 gb FG744936.1	4
gi 190266128 gb FG736293.1	4
gi 190164835 gb FG660871.1	4
gi 190266440 gb FG736538.1	4
gi 190270717 gb FG745109.1	4
gi 190226105 gb FG699385.1	4
gi 190266237 gb FG739039.1	4
gi 190160861 gb FG653214.1	4
gi 190159602 gb FG655236.1	4
gi 190232258 gb FG707849.1	4
gi 190268770 gb FG744732.1	4
gi 190164896 gb FG663367.1	4
gi 190157788 gb FG653279.1	4
gi 190219898 gb FG691123.1	4
gi 190226805 gb FG697437.1	4
gi 190220127 gb FG691180.1	4
gi 190263022 gb FG737032.1	4
gi 190268454 gb FG741722.1	4
gi 190258047 gb FG732539.1	4
gi 190267732 gb FG738463.1	4
gi 190248549 gb FG718993.1	4
gi 190265989 gb FG738343.1	4
gi 190231737 gb FG707468.1	4
gi 190246902 gb FG717651.1	4
gi 190329211 gb FG800460.1	4

Supplementary file 2. contd....

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190151833 gb FG651394.1	4
gi 190257305 gb FG729869.1	4
gi 190268275 gb FG743185.1	4
gi 190153508 gb FG649020.1	4
gi 190227681 gb FG699194.1	4
gi 190160661 gb FG658018.1	4
gi 190280520 gb FG749924.1	4
gi 190223085 gb FG692571.1	4
gi 190253374 gb FG724980.1	4
gi 190162620 gb FG658660.1	4
gi 190229196 gb FG700551.1	4
gi 190313941 gb FG788344.1	4
gi 190168188 gb FG665901.1	4
gi 190245653 gb FG713739.1	4
gi 190249191 gb FG719917.1	4
gi 190217414 gb FG691877.1	4
gi 190250198 gb FG721658.1	4
gi 190245451 gb FG713677.1	4
gi 190240749 gb FG711675.1	4
gi 190217273 gb FG690094.1	4
gi 190160252 gb FG657414.1	4
gi 190316954 gb FG787374.1	4
gi 190238277 gb FG709430.1	4
gi 190245064 gb FG715134.1	4
gi 190237380 gb FG708365.1	4
gi 190271381 gb FG741020.1	4
gi 190221917 gb FG693114.1	4
gi 190266141 gb FG737501.1	4
gi 190285083 gb FG755969.1	4
gi 190166278 gb FG662270.1	4
gi 190241940 gb FG709177.1	4
gi 190210040 gb FG680295.1	4
gi 190227008 gb FG700035.1	4
gi 190228592 gb FG699808.1	4
gi 190156330 gb FG647960.1	4
gi 190157733 gb FG657288.1	4
gi 190264441 gb FG738924.1	4

GenBank Accession Number	Repeat Number
gi 190218614 gb FG688253.1	4
gi 190168349 gb FG665643.1	4
gi 190155603 gb FG650802.1	4
gi 190244151 gb FG718112.1	4
gi 190165372 gb FG662828.1	4
gi 190154629 gb FG651303.1	4
gi 190245829 gb FG718168.1	4
gi 190245125 gb FG715153.1	4
gi 190157354 gb FG656363.1	4
gi 190261130 gb FG733588.1	4
gi 190230183 gb FG697252.1	4
gi 190252477 gb FG720686.1	4
gi 190167835 gb FG664986.1	4
gi 190240443 gb FG711383.1	4
gi 190235394 gb FG706466.1	4
gi 190223653 gb FG692972.1	4
gi 190200918 gb FG670590.1	4
gi 190166829 gb FG658904.1	4
gi 190245571 gb FG713713.1	4
gi 190327919 gb FG797964.1	4
gi 190271658 gb FG741087.1	4
gi 190265145 gb FG737724.1	4
gi 190236053 gb FG702969.1	4
gi 190232952 gb FG704317.1	4
gi 190232520 gb FG703941.1	4
gi 190158742 gb FG657868.1	4
gi 190263146 gb FG734602.1	4
gi 190248247 gb FG723726.1	4
gi 190227141 gb FG700098.1	4
gi 190152217 gb FG650851.1	4
gi 190231961 gb FG705980.1	4
gi 190262739 gb FG737535.1	4
gi 190219951 gb FG691132.1	4
gi 190250285 gb FG720241.1	4
gi 190264867 gb FG736478.1	4
gi 190232346 gb FG706871.1	4
gi 190168278 gb FG666736.1	4

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190152784 gb FG648055.1	4
gi 190256239 gb FG727825.1	4
gi 190161575 gb FG653809.1	4
gi 190283437 gb FG758598.1	4
gi 190161241 gb FG654685.1	4
gi 190222732 gb FG695499.1	4
gi 190221070 gb FG692153.1	4
gi 190221022 gb FG692105.1	4
gi 190225563 gb FG699027.1	4
gi 190243256 gb FG715074.1	4
gi 190267452 gb FG737231.1	4
gi 190222262 gb FG695167.1	4
gi 190229159 gb FG700542.1	4
gi 190236700 gb FG711203.1	4
gi 190247133 gb FG716417.1	4
gi 190216368 gb FG689817.1	4
gi 190241516 gb FG709698.1	4
gi 190278544 gb FG749756.1	4
gi 190314676 gb FG789294.1	4
gi 190215713 gb FG687231.1	4
gi 190237515 gb FG711806.1	4
gi 190168046 gb FG666433.1	4
gi 190241417 gb FG712579.1	4
gi 190247712 gb FG722980.1	4
gi 190259274 gb FG730827.1	4
gi 190197393 gb FG668262.1	4
gi 190156964 gb FG650560.1	4
gi 190256169 gb FG727755.1	4
gi 190268421 gb FG741703.1	4
gi 190234861 gb FG707911.1	4
gi 190165163 gb FG659381.1	4
gi 190255463 gb FG727959.1	4
gi 190158673 gb FG656161.1	4
gi 190255846 gb FG725836.1	4
gi 190153274 gb FG649920.1	4
gi 190234818 gb FG705890.1	4
gi 190229302 gb FG698919.1	4

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190169794 gb FG666386.1	4
gi 190163477 gb FG659564.1	4
gi 190153039 gb FG651256.1	4
gi 190170312 gb FG664084.1	4
gi 190255056 gb FG726642.1	4
gi 190284478 gb FG755687.1	4
gi 190285754 gb FG758150.1	4
gi 190273469 gb FG740779.1	4
gi 190263895 gb FG736135.1	4
gi 190265313 gb FG737080.1	4
gi 190244088 gb FG718049.1	4
gi 190244549 gb FG716825.1	4
gi 190215786 gb FG689292.1	4
gi 190268447 gb FG741715.1	4
gi 190291117 gb FG761245.1	4
gi 190262219 gb FG731911.1	4
gi 190272545 gb FG745535.1	4
gi 190259394 gb FG728533.1	4
gi 190231093 gb FG698217.1	4
gi 190227492 gb FG698305.1	4
gi 190233859 gb FG706672.1	4
gi 190221379 gb FG693935.1	4
gi 190228971 gb FG698364.1	4
gi 190226526 gb FG697368.1	4
gi 190152487 gb FG651776.1	4
gi 190196651 gb FG672683.1	4
gi 190151887 gb FG651448.1	4
gi 190273164 gb FG743334.1	4
gi 190253298 gb FG724904.1	4
gi 190225363 gb FG693071.1	4
gi 190225275 gb FG693025.1	4
gi 190246465 gb FG714902.1	4
gi 190293476 gb FG761365.1	4
gi 190264746 gb FG735542.1	4
gi 190252149 gb FG723946.1	4
gi 190260280 gb FG730049.1	4
gi 190244139 gb FG718100.1	4

Supplementary file 2. contd....

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GenBank Accession Number	Repeat Number
gi 190226948 gb FG702237.1	4
gi 190224492 gb FG693838.1	4
gi 190153533 gb FG649031.1	4
gi 190252616 gb FG722753.1	4
gi 190231355 gb FG703281.1	4
gi 190226159 gb FG699733.1	4
gi 190244973 gb FG713425.1	4
gi 190157335 gb FG654785.1	4
gi 190255843 gb FG725833.1	4
gi 190262029 gb FG729205.1	4
gi 190160757 gb FG656194.1	4
gi 190221593 gb FG694232.1	4
gi 190247534 gb FG721212.1	4
gi 190292104 gb FG760962.1	4
gi 190277292 gb FG748532.1	4
gi 190273810 gb FG743714.1	4
gi 190262500 gb FG730825.1	4
gi 190287465 gb FG759412.1	4
gi 190169702 gb FG666560.1	4
gi 190253104 gb FG724386.1	4
gi 190223503 gb FG694910.1	4
gi 190317016 gb FG787421.1	4
gi 190315502 gb FG788391.1	4
gi 190223183 gb FG696090.1	4
gi 190219838 gb FG691101.1	4
gi 190218911 gb FG687094.1	4
gi 190222288 gb FG696819.1	4
gi 190249724 gb FG719339.1	4
gi 190270498 gb FG744456.1	4
gi 190253301 gb FG724907.1	4
gi 190237007 gb FG712437.1	4
gi 190226041 gb FG699699.1	4
gi 190162399 gb FG654484.1	4
gi 190254904 gb FG726031.1	4
gi 190160765 gb FG656202.1	4
gi 190263770 gb FG737317.1	4
gi 190290012 gb FG763265.1	4

GenBank Accession Number	Repeat Number
gi 190264895 gb FG736492.1	4
gi 190254445 gb FG727570.1	4
gi 190268336 gb FG741660.1	4
gi 190218206 gb FG691569.1	4
gi 190261059 gb FG732436.1	4
gi 190253823 gb FG725653.1	4
gi 190170618 gb FG666691.1	4
gi 190157772 gb FG658183.1	4
gi 190220943 gb FG693386.1	4
gi 190168053 gb FG666440.1	4
gi 190315217 gb FG786463.1	4
gi 190237208 gb FG710083.1	4
gi 190235116 gb FG704444.1	4
gi 190317977 gb FG794504.1	4
gi 190259391 gb FG728530.1	4
gi 190167705 gb FG664940.1	4
gi 190170626 gb FG666699.1	4
gi 190291370 gb FG764177.1	4
gi 190255236 gb FG727284.1	4
gi 190229729 gb FG699570.1	4
gi 190156333 gb FG647963.1	4
gi 190257099 gb FG728459.1	4
gi 190156155 gb FG648623.1	4
gi 190264404 gb FG738887.1	4
gi 190265890 gb FG737418.1	4
gi 190154562 gb FG650045.1	4
gi 190262381 gb FG730763.1	4
gi 190261617 gb FG730996.1	4
gi 190281171 gb FG748962.1	4
gi 190230948 gb FG700608.1	4
gi 190154065 gb FG651028.1	4
gi 190252288 gb FG720288.1	4
gi 190268522 gb FG745100.1	4
gi 190164407 gb FG661006.1	4
gi 190261486 gb FG733297.1	4
gi 190257165 gb FG728483.1	4
gi 190271905 gb FG739864.1	4

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190230843 gb FG700237.1	4
gi 190237271 gb FG708312.1	4
gi 190253278 gb FG724884.1	4
gi 190153472 gb FG650343.1	4
gi 190167018 gb FG660895.1	4
gi 190254035 gb FG724547.1	4
gi 190229411 gb FG700178.1	4
gi 190254854 gb FG727026.1	4
gi 190277763 gb FG749423.1	4
gi 190272714 gb FG740434.1	4
gi 190242946 gb FG715680.1	4
gi 190160847 gb FG656228.1	4
gi 190217585 gb FG691936.1	4
gi 190167440 gb FG663582.1	4
gi 190169186 gb FG666914.1	4
gi 190234596 gb FG705836.1	4
gi 190268610 gb FG744684.1	4
gi 190272749 gb FG740441.1	4
gi 190154506 gb FG648536.1	4
gi 190262681 gb FG736705.1	4
gi 190263001 gb FG737011.1	4
gi 190242034 gb FG717965.1	4
gi 190262358 gb FG730755.1	4
gi 190162896 gb FG663319.1	4
gi 190266121 gb FG738391.1	4
gi 190162758 gb FG658686.1	4
gi 190154714 gb FG651346.1	4
gi 190161682 gb FG655324.1	4
gi 190268437 gb FG745057.1	4
gi 190235873 gb FG704713.1	4
gi 190232493 gb FG706948.1	4
gi 190169800 gb FG666392.1	4
gi 190230115 gb FG701784.1	4
gi 190224092 gb FG696939.1	4
gi 190151940 gb FG649265.1	4
gi 190249809 gb FG720731.1	4
gi 190161012 gb FG656281.1	4

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190156911 gb FG650536.1	4
gi 190240053 gb FG712231.1	4
gi 190223958 gb FG693289.1	4
gi 190249099 gb FG722453.1	4
gi 190242031 gb FG717962.1	4
gi 190229611 gb FG699242.1	4
gi 190231516 gb FG707148.1	4
gi 190281974 gb FG752809.1	4
gi 190226746 gb FG697420.1	4
gi 190248356 gb FG723425.1	4
gi 190225192 gb FG692421.1	4
gi 190281396 gb FG751293.1	4
gi 190259019 gb FG729153.1	4
gi 190252393 gb FG720658.1	4
gi 190252361 gb FG722666.1	4
gi 190248421 gb FG721563.1	4
gi 190248272 gb FG719588.1	4
gi 190244741 gb FG716919.1	4
gi 190242012 gb FG717957.1	4
gi 190240012 gb FG710773.1	4
gi 190236580 gb FG705125.1	4
gi 190236543 gb FG705088.1	4
gi 190227701 gb FG699200.1	4
gi 190225503 gb FG694177.1	4
gi 190223416 gb FG694641.1	4
gi 190220394 gb FG689495.1	4
gi 190218119 gb FG689390.1	4
gi 190217701 gb FG689976.1	4
gi 190216578 gb FG687020.1	4
gi 190216465 gb FG691864.1	4
gi 190170577 gb FG666650.1	4
gi 190170134 gb FG665478.1	4
gi 190169149 gb FG663987.1	4
gi 190168039 gb FG666426.1	4
gi 190167852 gb FG664427.1	4
gi 190166341 gb FG662305.1	4
gi 190166144 gb FG661770.1	4

Supplementary file 2. contd....

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190165759 gb FG658537.1	4
gi 190163873 gb FG660202.1	4
gi 190161111 gb FG654639.1	4
gi 190160945 gb FG653242.1	4
gi 190160058 gb FG657710.1	4
gi 190160049 gb FG657379.1	4
gi 190158336 gb FG655770.1	4
gi 190157397 gb FG654819.1	4
gi 190153206 gb FG652448.1	4
gi 190266726 gb FG734469.1	4
gi 190244153 gb FG718114.1	4
gi 190230024 gb FG700847.1	4
gi 190227976 gb FG698088.1	4
gi 190221000 gb FG697001.1	4
gi 190161785 gb FG658385.1	4
gi 190158977 gb FG654514.1	4
gi 190157512 gb FG655130.1	4
gi 190269332 gb FG740947.1	4
gi 190257740 gb FG732838.1	4
gi 190222657 gb FG695760.1	4
gi 190252421 gb FG720336.1	4
gi 190277714 gb FG749402.1	4
gi 190259554 gb FG733821.1	4
gi 190218618 gb FG688257.1	4
gi 190269016 gb FG739707.1	4
gi 190253945 gb FG724499.1	4
gi 190252272 gb FG723985.1	4
gi 190250653 gb FG720566.1	4
gi 190167975 gb FG663920.1	4
gi 190157605 gb FG658100.1	4
gi 190160774 gb FG653183.1	4
gi 190217804 gb FG691075.1	4
gi 190251078 gb FG721157.1	4
gi 190240577 gb FG713144.1	4
gi 190231290 gb FG704492.1	4
gi 190261052 gb FG733552.1	4
gi 190276978 gb FG749072.1	4

GenBank Accession Number	Repeat Number
gi 190272415 gb FG745489.1	4
gi 190293434 gb FG763130.1	4
gi 190245408 gb FG715224.1	4
gi 190233491 gb FG706166.1	4
gi 190227234 gb FG697711.1	4
gi 190160017 gb FG656479.1	4
gi 190252579 gb FG720382.1	4
gi 190243303 gb FG713629.1	4
gi 190153241 gb FG652469.1	4
gi 190327072 gb FG796457.1	4
gi 190238908 gb FG711627.1	4
gi 190220057 gb FG690046.1	4
gi 190251646 gb FG721489.1	4
gi 190273863 gb FG743739.1	4
gi 190273702 gb FG743662.1	4
gi 190244992 gb FG714006.1	4
gi 190162502 gb FG659264.1	4
gi 190248236 gb FG723392.1	4
gi 190219491 gb FG687967.1	4
gi 190218028 gb FG689357.1	4
gi 190164044 gb FG660457.1	4
gi 190160826 gb FG654984.1	4
gi 190245709 gb FG714318.1	4
gi 190273866 gb FG743742.1	4
gi 190216914 gb FG691312.1	4
gi 190222947 gb FG694032.1	4
gi 190160549 gb FG654359.1	4
gi 190261782 gb FG733932.1	4
gi 190233498 gb FG707619.1	4
gi 190221950 gb FG693147.1	4
gi 190226019 gb FG699355.1	4
gi 190258538 gb FG732002.1	4
gi 190266241 gb FG739043.1	4
gi 190291352 gb FG764495.1	4
gi 190264960 gb FG738659.1	4
gi 190273147 gb FG739883.1	4
gi 190273221 gb FG743363.1	4

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GenBank Accession Number	Repeat Number
gi 190266743 gb FG734486.1	4
gi 190263760 gb FG736112.1	4
gi 190222706 gb FG695473.1	4
gi 190224892 gb FG693622.1	4
gi 190221458 gb FG692849.1	4
gi 190237133 gb FG710599.1	4
gi 190229064 gb FG700503.1	4
gi 190245465 gb FG714242.1	4
gi 190264439 gb FG738922.1	4
gi 190261658 gb FG733892.1	4
gi 190156885 gb FG650187.1	4
gi 190248553 gb FG718997.1	4
gi 190242467 gb FG717415.1	4
gi 190168894 gb FG666259.1	4
gi 190283449 gb FG758610.1	4
gi 190243897 gb FG718392.1	4
gi 190241083 gb FG712008.1	4
gi 190241713 gb FG708615.1	4
gi 190227543 gb FG699126.1	4
gi 190250096 gb FG723524.1	4
gi 190259888 gb FG730358.1	4
gi 190227339 gb FG702502.1	4
gi 190274195 gb FG747665.1	4
gi 190227949 gb FG700751.1	4
gi 190162037 gb FG654134.1	4
gi 190269991 gb FG744173.1	4
gi 190272319 gb FG744231.1	4
gi 190220717 gb FG696746.1	4
gi 190251407 gb FG719128.1	4
gi 190269887 gb FG744154.1	4
gi 190257669 gb FG729280.1	4
gi 190273870 gb FG743746.1	4
gi 190231887 gb FG705400.1	4
gi 190287376 gb FG759140.1	4
gi 190227953 gb FG701643.1	4
gi 190260358 gb FG732069.1	4
gi 190168577 gb FG666839.1	4

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190263337 gb FG735787.1	4
gi 190290684 gb FG761428.1	4
gi 190260390 gb FG730075.1	4
gi 190264342 gb FG735264.1	4
gi 190223822 gb FG693223.1	4
gi 190245451 gb FG713677.1	4
gi 190217273 gb FG690094.1	4
gi 190226820 gb FG697998.1	4
gi 190158224 gb FG656740.1	4
gi 190226689 gb FG701879.1	4
gi 190253640 gb FG724138.1	4
gi 190155951 gb FG652002.1	4
gi 190276826 gb FG746362.1	4
gi 190283004 gb FG757379.1	4
gi 190268879 gb FG739655.1	4
gi 190264930 gb FG736513.1	4
gi 190260093 gb FG729776.1	4
gi 190246551 gb FG714932.1	4
gi 190232272 gb FG708073.1	4
gi 190230140 gb FG700907.1	4
gi 190168299 gb FG665621.1	4
gi 190322156 gb FG794178.1	4
gi 190291841 gb FG762744.1	4
gi 190290499 gb FG760851.1	4
gi 190288371 gb FG755549.1	4
gi 190273849 gb FG740291.1	4
gi 190270890 gb FG745170.1	4
gi 190270619 gb FG744843.1	4
gi 190268612 gb FG744686.1	4
gi 190267552 gb FG738073.1	4
gi 190265531 gb FG739202.1	4
gi 190263999 gb FG739493.1	4
gi 190261823 gb FG733382.1	4
gi 190260846 gb FG730660.1	4
gi 190258296 gb FG730239.1	4
gi 190254942 gb FG726069.1	4
gi 190251576 gb FG721448.1	4

Supplementary file 2. contd....

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190243072 gb FG717735.1	4
gi 190234149 gb FG705517.1	4
gi 190231510 gb FG707142.1	4
gi 190226477 gb FG697361.1	4
gi 190222074 gb FG696507.1	4
gi 190204665 gb FG674334.1	4
gi 190169205 gb FG664015.1	4
gi 190167748 gb FG664955.1	4
gi 190166423 gb FG662345.1	4
gi 190164671 gb FG662537.1	4
gi 190154388 gb FG648174.1	4
gi 190322838 gb FG793039.1	4
gi 190282272 gb FG752516.1	4
gi 190277101 gb FG753459.1	4
gi 190271893 gb FG739852.1	4
gi 190269065 gb FG739728.1	4
gi 190265595 gb FG737992.1	4
gi 190263763 gb FG736115.1	4
gi 190263012 gb FG737022.1	4
gi 190262568 gb FG736650.1	4
gi 190259925 gb FG731816.1	4
gi 190254839 gb FG728249.1	4
gi 190199251 gb FG671661.1	4
gi 190289315 gb FG762288.1	4
gi 190227583 gb FG701272.1	4
gi 190203803 gb FG677280.1	4
gi 190286333 gb FG759962.1	4
gi 190316875 gb FG788519.1	4
gi 190273021 gb FG740515.1	4
gi 190256366 gb FG726817.1	4
gi 190163269 gb FG662763.1	4
gi 190270626 gb FG744850.1	4
gi 190222565 gb FG693762.1	4
gi 190223138 gb FG696073.1	4
gi 190266546 gb FG736588.1	4
gi 190260856 gb FG730670.1	4
gi 190272671 gb FG741945.1	4

GenBank Accession Number	Repeat Number
gi 190236506 gb FG705051.1	4
gi 190215599 gb FG688333.1	4
gi 190267112 gb FG735710.1	4
gi 190241811 gb FG710319.1	4
gi 190271784 gb FG739799.1	4
gi 190242531 gb FG716777.1	4
gi 190264520 gb FG734321.1	4
gi 190259904 gb FG731809.1	4
gi 190226471 gb FG697355.1	4
gi 190220024 gb FG686865.1	4
gi 190233146 gb FG706367.1	4
gi 190154738 gb FG651356.1	4
gi 190263987 gb FG737365.1	4
gi 190262689 gb FG736391.1	4
gi 190262585 gb FG736343.1	4
gi 190255144 gb FG727640.1	4
gi 190240749 gb FG711675.1	4
gi 190224158 gb FG692073.1	4
gi 190237460 gb FG708403.1	4
gi 190289022 gb FG761126.1	4
gi 190164181 gb FG658481.1	4
gi 190249918 gb FG723134.1	4
gi 190160805 gb FG656214.1	4
gi 190278086 gb FG753226.1	4
gi 190249217 gb FG719929.1	4
gi 190220770 gb FG696771.1	4
gi 190217782 gb FG691053.1	4
gi 190170517 gb FG666982.1	4
gi 190153352 gb FG649998.1	4
gi 190230509 gb FG699904.1	4
gi 190230108 gb FG700889.1	4
gi 190315576 gb FG787325.1	4
gi 190263981 gb FG737359.1	4
gi 190263708 gb FG737311.1	4
gi 190250650 gb FG720563.1	4
gi 190261051 gb FG733551.1	4
gi 190253608 gb FG724106.1	4

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190256242 gb FG725891.1	4
gi 190201750 gb FG673574.1	4
gi 190272790 gb FG739571.1	4
gi 190263480 gb FG738259.1	4
gi 190269832 gb FG744141.1	4
gi 190259447 gb FG730887.1	4
gi 190258521 gb FG731985.1	4
gi 190254755 gb FG728208.1	4
gi 190241154 gb FG708800.1	4
gi 190222236 gb FG696263.1	4
gi 190215952 gb FG690920.1	4
gi 190169937 gb FG663765.1	4
gi 190227676 gb FG699189.1	4
gi 190231826 gb FG707515.1	4
gi 190168682 gb FG665318.1	4
gi 190315169 gb FG786415.1	4
gi 190247089 gb FG718848.1	4
gi 190269056 gb FG744401.1	4
gi 190229819 gb FG697840.1	4
gi 190226965 gb FG702254.1	4
gi 190259336 gb FG733743.1	4
gi 190225204 gb FG692755.1	4
gi 190156241 gb FG647871.1	4
gi 190260385 gb FG730070.1	4
gi 190288469 gb FG755353.1	4
gi 190154153 gb FG648111.1	4
gi 190262674 gb FG736698.1	4
gi 190269844 gb FG745371.1	4
gi 190275255 gb FG745918.1	4
gi 190153917 gb FG653072.1	4
gi 190253157 gb FG724439.1	4
gi 190321437 gb FG790513.1	4
gi 190234777 gb FG706997.1	4
gi 190262290 gb FG730715.1	4
gi 190219866 gb FG687392.1	4
gi 190225827 gb FG701551.1	4
gi 190225714 gb FG702450.1	4

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190257110 gb FG729562.1	4
gi 190259402 gb FG730870.1	4
gi 190168124 gb FG665837.1	4
gi 190267974 gb FG734219.1	4
gi 190152085 gb FG652601.1	4
gi 190258590 gb FG729594.1	4
gi 190240683 gb FG713193.1	4
gi 190322373 gb FG789736.1	4
gi 190155588 gb FG652908.1	4
gi 190223938 gb FG693283.1	4
gi 190170024 gb FG663810.1	4
gi 190234980 gb FG707946.1	4
gi 190230563 gb FG702050.1	4
gi 190253057 gb FG724339.1	4
gi 190246017 gb FG716033.1	4
gi 190221201 gb FG694863.1	4
gi 190220830 gb FG695403.1	4
gi 190243404 gb FG716224.1	4
gi 190238165 gb FG709262.1	4
gi 190271947 gb FG741558.1	4
gi 190230148 gb FG701803.1	4
gi 190226682 gb FG701872.1	4
gi 190198026 gb FG670694.1	4
gi 190236517 gb FG705062.1	4
gi 190259392 gb FG728531.1	4
gi 190231540 gb FG704573.1	4
gi 190161191 gb FG654663.1	4
gi 190238166 gb FG709263.1	4
gi 190276944 gb FG749066.1	4
gi 190275658 gb FG746912.1	4
gi 190272599 gb FG741873.1	4
gi 190239861 gb FG710186.1	4
gi 190151843 gb FG651404.1	4
gi 190239344 gb FG708505.1	4
gi 190271704 gb FG739761.1	4
gi 190239137 gb FG709068.1	4
gi 190272904 gb FG740482.1	4

Supplementary file 2. contd....

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190268080 gb FG738839.1	4
gi 190245191 gb FG715728.1	4
gi 190233295 gb FG706068.1	4
gi 190230474 gb FG698775.1	4
gi 190160696 gb FG658053.1	4
gi 190241750 gb FG710314.1	4
gi 190156808 gb FG650152.1	4
gi 190248273 gb FG719589.1	4
gi 190229413 gb FG701402.1	4
gi 190225203 gb FG692754.1	4
gi 190158865 gb FG656997.1	4
gi 190264238 gb FG739169.1	4
gi 190320143 gb FG794552.1	4
gi 190227335 gb FG702498.1	4
gi 190164412 gb FG661011.1	4
gi 190221141 gb FG694803.1	4
gi 190288998 gb FG761116.1	4
gi 190152771 gb FG648042.1	4
gi 190254945 gb FG726072.1	4
gi 190249202 gb FG719928.1	4
gi 190232861 gb FG705732.1	4
gi 190249680 gb FG719323.1	4
gi 190240948 gb FG711774.1	4
gi 190153351 gb FG649997.1	4
gi 190241927 gb FG709164.1	4
gi 190152945 gb FG648733.1	4
gi 190152047 gb FG650822.1	4
gi 190162998 gb FG661874.1	4
gi 190287023 gb FG755744.1	4
gi 190275021 gb FG748298.1	4
gi 190273593 gb FG745249.1	4
gi 190223616 gb FG694965.1	4
gi 190155550 gb FG650777.1	4
gi 190223672 gb FG694993.1	4
gi 190232299 gb FG706852.1	4
gi 190244257 gb FG717165.1	4
gi 190156447 gb FG652279.1	4

GenBank Accession Number	Repeat Number
gi 190237672 gb FG711471.1	4
gi 190226516 gb FG701832.1	4
gi 190168244 gb FG664708.1	4
gi 190250606 gb FG720519.1	4
gi 190241653 gb FG709723.1	4
gi 190226652 gb FG697956.1	4
gi 190216376 gb FG691817.1	4
gi 190170625 gb FG666698.1	4
gi 190166953 gb FG662997.1	4
gi 190161140 gb FG657445.1	4
gi 190159480 gb FG658299.1	4
gi 190327867 gb FG796158.1	4
gi 190246972 gb FG713538.1	4
gi 190242694 gb FG714162.1	4
gi 190230759 gb FG699985.1	4
gi 190226276 gb FG699443.1	4
gi 190222121 gb FG696554.1	4
gi 190153022 gb FG648768.1	4
gi 190216851 gb FG689059.1	4
gi 190161089 gb FG657422.1	4
gi 190287664 gb FG755009.1	4
gi 190220364 gb FG689479.1	4
gi 190219732 gb FG688592.1	4
gi 190216075 gb FG688653.1	4
gi 190164384 gb FG661674.1	4
gi 190160880 gb FG656233.1	4
gi 190259852 gb FG730336.1	4
gi 190216125 gb FG688675.1	4
gi 190165594 gb FG661404.1	4
gi 190319696 gb FG792566.1	4
gi 190169925 gb FG664537.1	4
gi 190265926 gb FG736231.1	4
gi 190269413 gb FG740972.1	4
gi 190156027 gb FG649467.1	4
gi 190252764 gb FG725710.1	4
gi 190320617 gb FG792882.1	4
gi 190326267 gb FG800885.1	4

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190250159 gb FG721633.1	4
gi 190249958 gb FG723146.1	4
gi 190249630 gb FG722210.1	4
gi 190248279 gb FG720143.1	4
gi 190247607 gb FG722143.1	4
gi 190244833 gb FG717867.1	4
gi 190244651 gb FG716871.1	4
gi 190243127 gb FG716171.1	4
gi 190240697 gb FG708289.1	4
gi 190236715 gb FG712901.1	4
gi 190236673 gb FG711176.1	4
gi 190236121 gb FG703877.1	4
gi 190234761 gb FG705875.1	4
gi 190232877 gb FG705734.1	4
gi 190231472 gb FG707132.1	4
gi 190230950 gb FG700610.1	4
gi 190227866 gb FG700724.1	4
gi 190227363 gb FG702526.1	4
gi 190225088 gb FG692373.1	4
gi 190223264 gb FG692218.1	4
gi 190223008 gb FG694093.1	4
gi 190221459 gb FG692850.1	4
gi 190220789 gb FG695362.1	4
gi 190220772 gb FG696773.1	4
gi 190220417 gb FG689504.1	4
gi 190215753 gb FG687243.1	4
gi 190163666 gb FG660137.1	4
gi 190162472 gb FG659234.1	4
gi 190161936 gb FG655653.1	4
gi 190158549 gb FG656094.1	4
gi 190154793 gb FG651817.1	4
gi 190154501 gb FG648202.1	4
gi 190325652 gb FG797916.1	4
gi 190278766 gb FG751245.1	4
gi 190258929 gb FG729105.1	4
gi 190252474 gb FG720683.1	4
gi 190252112 gb FG723937.1	4

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190251848 gb FG720859.1	4
gi 190251103 gb FG722618.1	4
gi 190251057 gb FG722601.1	4
gi 190250697 gb FG720610.1	4
gi 190250192 gb FG721652.1	4
gi 190249736 gb FG719351.1	4
gi 190249549 gb FG721372.1	4
gi 190249229 gb FG719941.1	4
gi 190249049 gb FG719845.1	4
gi 190248098 gb FG719541.1	4
gi 190246328 gb FG717361.1	4
gi 190245667 gb FG714304.1	4
gi 190244835 gb FG717869.1	4
gi 190244813 gb FG717861.1	4
gi 190243666 gb FG713938.1	4
gi 190241440 gb FG708567.1	4
gi 190239905 gb FG712868.1	4
gi 190239521 gb FG710677.1	4
gi 190238427 gb FG713067.1	4
gi 190237999 gb FG710986.1	4
gi 190237975 gb FG712183.1	4
gi 190237123 gb FG710040.1	4
gi 190235121 gb FG704449.1	4
gi 190234101 gb FG705497.1	4
gi 190232883 gb FG705740.1	4
gi 190230791 gb FG697663.1	4
gi 190229689 gb FG699320.1	4
gi 190229617 gb FG699248.1	4
gi 190227243 gb FG697720.1	4
gi 190226507 gb FG698819.1	4
gi 190226307 gb FG700918.1	4
gi 190225765 gb FG701489.1	4
gi 190225455 gb FG694129.1	4
gi 190225144 gb FG692401.1	4
gi 190224044 gb FG696891.1	4
gi 190223878 gb FG693251.1	4
gi 190223326 gb FG694593.1	4

Supplementary file 2. contd....

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190221934 gb FG693131.1	4
gi 190221505 gb FG693976.1	4
gi 190221471 gb FG693971.1	4
gi 190220304 gb FG689447.1	4
gi 190218486 gb FG688209.1	4
gi 190217955 gb FG689342.1	4
gi 190217438 gb FG689881.1	4
gi 190215979 gb FG690947.1	4
gi 190170979 gb FG666154.1	4
gi 190170952 gb FG664694.1	4
gi 190170263 gb FG664035.1	4
gi 190170087 gb FG665431.1	4
gi 190169772 gb FG666378.1	4
gi 190168689 gb FG665325.1	4
gi 190167692 gb FG664379.1	4
gi 190166521 gb FG661203.1	4
gi 190166394 gb FG662330.1	4
gi 190166251 gb FG662257.1	4
gi 190164374 gb FG661664.1	4
gi 190163711 gb FG660154.1	4
gi 190162078 gb FG655722.1	4
gi 190161094 gb FG657427.1	4
gi 190159842 gb FG657662.1	4
gi 190159505 gb FG655520.1	4
gi 190159358 gb FG653146.1	4
gi 190158610 gb FG656127.1	4
gi 190157543 gb FG655161.1	4
gi 190156822 gb FG650489.1	4
gi 190155562 gb FG651657.1	4
gi 190155548 gb FG650775.1	4
gi 190155193 gb FG650463.1	4
gi 190155004 gb FG648786.1	4
gi 190153733 gb FG649702.1	4
gi 190266651 gb FG734421.1	4
gi 190251107 gb FG722622.1	4
gi 190244128 gb FG718089.1	4
gi 190243128 gb FG716172.1	4

GenBank Accession Number	Repeat Number
gi 190242143 gb FG718018.1	4
gi 190241508 gb FG708579.1	4
gi 190239185 gb FG712451.1	4
gi 190234951 gb FG707045.1	4
gi 190231407 gb FG704525.1	4
gi 190231087 gb FG698211.1	4
gi 190229934 gb FG700799.1	4
gi 190227844 gb FG698040.1	4
gi 190169763 gb FG666369.1	4
gi 190164673 gb FG662539.1	4
gi 190162367 gb FG654466.1	4
gi 190158856 gb FG656988.1	4
gi 190157464 gb FG655082.1	4
gi 190322164 gb FG791565.1	4
gi 190252115 gb FG721801.1	4
gi 190246503 gb FG714912.1	4
gi 190235484 gb FG706500.1	4
gi 190273541 gb FG740851.1	4
gi 190273002 gb FG739614.1	4
gi 190263549 gb FG738608.1	4
gi 190252419 gb FG720334.1	4
gi 190222609 gb FG695712.1	4
gi 190166902 gb FG662974.1	4
gi 190152156 gb FG652050.1	4
gi 190159801 gb FG656431.1	4
gi 190154245 gb FG651512.1	4
gi 190282027 gb FG749354.1	4
gi 190272244 gb FG744646.1	4
gi 190218312 gb FG690792.1	4
gi 190168053 gb FG666440.1	4
gi 190225475 gb FG694149.1	4
gi 190245533 gb FG713703.1	4
gi 190153322 gb FG649968.1	4
gi 190232129 gb FG706022.1	4
gi 190259746 gb FG730286.1	4
gi 190277803 gb FG749449.1	4
gi 190274146 gb FG747616.1	4

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
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gi 190153395 gb FG650266.1	4
gi 190270588 gb FG744504.1	4
gi 190248100 gb FG719543.1	4
gi 190231693 gb FG706553.1	4
gi 190249206 gb FG722504.1	3
gi 190246359 gb FG714572.1	3
gi 190226735 gb FG701883.1	3
gi 190165608 gb FG661418.1	3
gi 190165221 gb FG659396.1	3
gi 190261725 gb FG733917.1	3
gi 190252255 gb FG722405.1	3
gi 190242331 gb FG715885.1	3
gi 190237152 gb FG710055.1	3
gi 190234390 gb FG705040.1	3
gi 190216530 gb FG686972.1	3
gi 190155766 gb FG649217.1	3
gi 190315879 gb FG789114.1	3
gi 190242322 gb FG718337.1	3
gi 190246770 gb FG715559.1	3
gi 190235296 gb FG706214.1	3
gi 190225670 gb FG699078.1	3
gi 190225295 gb FG695047.1	3
gi 190261693 gb FG732790.1	3
gi 190271577 gb FG743614.1	3
gi 190234752 gb FG707886.1	3
gi 190251157 gb FG719046.1	3
gi 190273759 gb FG743691.1	3
gi 190226859 gb FG702148.1	3
gi 190240382 gb FG711112.1	3
gi 190170497 gb FG666962.1	3
gi 190273576 gb FG745232.1	3
gi 190168262 gb FG665612.1	3
gi 190319389 gb FG791094.1	3
gi 190266043 gb FG736264.1	3
gi 190266972 gb FG734772.1	3
gi 190248447 gb FG721589.1	3

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190226750 gb FG697424.1	3
gi 190218465 gb FG691337.1	3
gi 190252275 gb FG723988.1	3
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gi 190256983 gb FG728428.1	3
gi 190169715 gb FG666349.1	3
gi 190256622 gb FG726903.1	3
gi 190230574 gb FG702061.1	3
gi 190315813 gb FG789078.1	3
gi 190250567 gb FG720044.1	3
gi 190245184 gb FG715170.1	3
gi 190231137 gb FG700335.1	3
gi 190164231 gb FG658489.1	3
gi 190251859 gb FG720870.1	3
gi 190252988 gb FG724635.1	3
gi 190261827 gb FG733935.1	3
gi 190261437 gb FG733839.1	3
gi 190151919 gb FG649244.1	3
gi 190162690 gb FG658674.1	3
gi 190156156 gb FG648624.1	3
gi 190253774 gb FG725604.1	3
gi 190152004 gb FG649329.1	3
gi 190217187 gb FG687521.1	3
gi 190231960 gb FG705979.1	3
gi 190217996 gb FG689353.1	3
gi 190329421 gb FG798976.1	3
gi 190254638 gb FG727924.1	3
gi 190249450 gb FG719700.1	3
gi 190248990 gb FG724076.1	3
gi 190270994 gb FG741866.1	3
gi 190268290 gb FG741194.1	3
gi 190256864 gb FG732169.1	3
gi 190170326 gb FG664098.1	3
gi 190157440 gb FG656407.1	3
gi 190261918 gb FG729178.1	3
gi 190240846 gb FG709944.1	3
gi 190237013 gb FG712443.1	3

Supplementary file 2. contd....

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190237138 gb FG710604.1	3
gi 190165589 gb FG661399.1	3
gi 190267698 gb FG738457.1	3
gi 190254861 gb FG727033.1	3
gi 190246110 gb FG716959.1	3
gi 190218878 gb FG688786.1	3
gi 190162476 gb FG659238.1	3
gi 190238479 gb FG709534.1	3
gi 190232574 gb FG703995.1	3
gi 190292637 gb FG763693.1	3
gi 190240093 gb FG712271.1	3
gi 190230136 gb FG700903.1	3
gi 190330609 gb FG803651.1	3
gi 190272915 gb FG740493.1	3
gi 190233582 gb FG705191.1	3
gi 190217372 gb FG690193.1	3
gi 190248752 gb FG720475.1	3
gi 190237670 gb FG711469.1	3
gi 190272281 gb FG744221.1	3
gi 190166980 gb FG663010.1	3
gi 190240165 gb FG710447.1	3
gi 190163275 gb FG662769.1	3
gi 190232500 gb FG703921.1	3
gi 190166126 gb FG659737.1	3
gi 190314884 gb FG784977.1	3
gi 190225459 gb FG694133.1	3
gi 190222075 gb FG696508.1	3
gi 190215689 gb FG688366.1	3
gi 190159255 gb FG654904.1	3
gi 190159049 gb FG654866.1	3
gi 190250029 gb FG720811.1	3
gi 190229628 gb FG699259.1	3
gi 190162350 gb FG656022.1	3
gi 190315217 gb FG786463.1	3
gi 190153151 gb FG652422.1	3
gi 190230857 gb FG700573.1	3
gi 190261007 gb FG732412.1	3

GenBank Accession Number	Repeat Number
gi 190262831 gb FG735410.1	3
gi 190314275 gb FG788673.1	3
gi 190264905 gb FG735617.1	3
gi 190254587 gb FG727873.1	3
gi 190241421 gb FG712583.1	3
gi 190224663 gb FG695635.1	3
gi 190263543 gb FG738280.1	3
gi 190252146 gb FG723943.1	3
gi 190283066 gb FG757385.1	3
gi 190273873 gb FG740301.1	3
gi 190253475 gb FG725305.1	3
gi 190232869 gb FG704276.1	3
gi 190331527 gb FG803432.1	3
gi 190270817 gb FG741801.1	3
gi 190156268 gb FG647898.1	3
gi 190326979 gb FG801273.1	3
gi 190258783 gb FG731458.1	3
gi 190167123 gb FG660916.1	3
gi 190266682 gb FG734438.1	3
gi 190317463 gb FG788875.1	3
gi 190246877 gb FG713485.1	3
gi 190168554 gb FG665708.1	3
gi 190170629 gb FG666702.1	3
gi 190231562 gb FG703346.1	3
gi 190230472 gb FG698773.1	3
gi 190224889 gb FG693619.1	3
gi 190160362 gb FG655942.1	3
gi 190159376 gb FG654591.1	3
gi 190221118 gb FG692201.1	3
gi 190155483 gb FG651634.1	3
gi 190170283 gb FG664055.1	3
gi 190274098 gb FG742644.1	3
gi 190165834 gb FG658612.1	3
gi 190255118 gb FG727614.1	3
gi 190169186 gb FG666914.1	3
gi 190165741 gb FG660313.1	3
gi 190159838 gb FG657336.1	3

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190264332 gb FG735254.1	3
gi 190263523 gb FG737938.1	3
gi 190164132 gb FG660479.1	3
gi 190255843 gb FG725833.1	3
gi 190165980 gb FG663167.1	3
gi 190322562 gb FG793392.1	3
gi 190258944 gb FG732324.1	3
gi 190252799 gb FG725106.1	3
gi 190248836 gb FG722767.1	3
gi 190231430 gb FG707118.1	3
gi 190273164 gb FG743334.1	3
gi 190225371 gb FG695081.1	3
gi 190232327 gb FG706866.1	3
gi 190167985 gb FG664476.1	3
gi 190288326 gb FG756414.1	3
gi 190262919 gb FG735498.1	3
gi 190246188 gb FG716981.1	3
gi 190223672 gb FG694993.1	3
gi 190165023 gb FG658803.1	3
gi 190256835 gb FG729498.1	3
gi 190290798 gb FG763587.1	3
gi 190241047 gb FG709409.1	3
gi 190151983 gb FG649308.1	3
gi 190155234 gb FG652496.1	3
gi 190249402 gb FG719652.1	3
gi 190230678 gb FG699960.1	3
gi 190256317 gb FG725966.1	3
gi 190168021 gb FG666408.1	3
gi 190155673 gb FG652937.1	3
gi 190235098 gb FG704426.1	3
gi 190242744 gb FG714733.1	3
gi 190256271 gb FG725920.1	3
gi 190238521 gb FG709791.1	3
gi 190230897 gb FG700263.1	3
gi 190229532 gb FG700215.1	3
gi 190154660 gb FG651320.1	3
gi 190257144 gb FG732239.1	3

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190270844 gb FG745152.1	3
gi 190290798 gb FG763587.1	3
gi 190262203 gb FG729253.1	3
gi 190322066 gb FG791509.1	3
gi 190242238 gb FG718296.1	3
gi 190224941 gb FG693643.1	3
gi 190153101 gb FG652401.1	3
gi 190267481 gb FG737246.1	3
gi 190255168 gb FG727664.1	3
gi 190266170 gb FG738972.1	3
gi 190240577 gb FG713144.1	3
gi 190313460 gb FG787939.1	3
gi 190162399 gb FG654484.1	3
gi 190254904 gb FG726031.1	3
gi 190170626 gb FG666699.1	3
gi 190292421 gb FG761615.1	3
gi 190265999 gb FG736248.1	3
gi 190260337 gb FG730064.1	3
gi 190247594 gb FG721244.1	3
gi 190243221 gb FG718642.1	3
gi 190243142 gb FG717749.1	3
gi 190158955 gb FG653602.1	3
gi 190250386 gb FG723773.1	3
gi 190229543 gb FG701448.1	3
gi 190262292 gb FG730717.1	3
gi 190240501 gb FG708191.1	3
gi 190157743 gb FG658168.1	3
gi 190279038 gb FG750053.1	3
gi 190247447 gb FG713868.1	3
gi 190158176 gb FG656692.1	3
gi 190155047 gb FG650389.1	3
gi 190280087 gb FG749520.1	3
gi 190249893 gb FG720759.1	3
gi 190266614 gb FG734398.1	3
gi 190291370 gb FG764177.1	3
gi 190255236 gb FG727284.1	3
gi 190169197 gb FG664007.1	3

Supplementary file 2. contd....

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190254083 gb FG725353.1	3
gi 190324112 gb FG797164.1	3
gi 190292309 gb FG763408.1	3
gi 190272264 gb FG741314.1	3
gi 190324008 gb FG799818.1	3
gi 190222422 gb FG696869.1	3
gi 190264309 gb FG735231.1	3
gi 190254035 gb FG724547.1	3
gi 190253498 gb FG724670.1	3
gi 190169755 gb FG666585.1	3
gi 190219849 gb FG691112.1	3
gi 190271954 gb FG741565.1	3
gi 190245483 gb FG713681.1	3
gi 190234296 gb FG705003.1	3
gi 190227793 gb FG701595.1	3
gi 190219695 gb FG691702.1	3
gi 190262894 gb FG735473.1	3
gi 190201516 gb FG669714.1	3
gi 190220294 gb FG690561.1	3
gi 190216940 gb FG689541.1	3
gi 190272964 gb FG740500.1	3
gi 190269425 gb FG740984.1	3
gi 190255087 gb FG726673.1	3
gi 190249424 gb FG719674.1	3
gi 190229114 gb FG700525.1	3
gi 190273424 gb FG742852.1	3
gi 190228425 gb FG699559.1	3
gi 190268030 gb FG734247.1	3
gi 190251883 gb FG720894.1	3
gi 190288695 gb FG759169.1	3
gi 190235685 gb FG705313.1	3
gi 190226874 gb FG702163.1	3
gi 190241372 gb FG709666.1	3
gi 190153404 gb FG650275.1	3
gi 190219282 gb FG690254.1	3
gi 190155139 gb FG650437.1	3
gi 190289974 gb FG763255.1	3

GenBank Accession Number	Repeat Number
gi 190275371 gb FG745978.1	3
gi 190274132 gb FG745593.1	3
gi 190273641 gb FG745297.1	3
gi 190272575 gb FG744319.1	3
gi 190272207 gb FG744609.1	3
gi 190271077 gb FG743900.1	3
gi 190270981 gb FG745205.1	3
gi 190266518 gb FG736574.1	3
gi 190263401 gb FG735809.1	3
gi 190261064 gb FG732441.1	3
gi 190259408 gb FG730876.1	3
gi 190252847 gb FG725154.1	3
gi 190252526 gb FG722719.1	3
gi 190245342 gb FG715201.1	3
gi 190241694 gb FG712631.1	3
gi 190236244 gb FG703916.1	3
gi 190231076 gb FG700652.1	3
gi 190224721 gb FG695665.1	3
gi 190204524 gb FG674011.1	3
gi 190161364 gb FG654724.1	3
gi 190157250 gb FG656315.1	3
gi 190157125 gb FG657801.1	3
gi 190152151 gb FG651723.1	3
gi 190266998 gb FG737771.1	3
gi 190258910 gb FG732304.1	3
gi 190221011 gb FG697012.1	3
gi 190201469 gb FG669667.1	3
gi 190153255 gb FG648431.1	3
gi 190291352 gb FG764495.1	3
gi 190258865 gb FG732287.1	3
gi 190225299 gb FG695051.1	3
gi 190260346 gb FG731184.1	3
gi 190219826 gb FG689981.1	3
gi 190245313 gb FG717556.1	3
gi 190168695 gb FG664207.1	3
gi 190322198 gb FG791585.1	3
gi 190224958 gb FG694766.1	3

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190214235 gb FG684352.1	3
gi 190197914 gb FG670638.1	3
gi 190289441 gb FG761728.1	3
gi 190241190 gb FG712059.1	3
gi 190272223 gb FG744625.1	3
gi 190260729 gb FG729392.1	3
gi 190218198 gb FG691561.1	3
gi 190242239 gb FG718297.1	3
gi 190258698 gb FG731373.1	3
gi 190225957 gb FG698552.1	3
gi 190225636 gb FG699058.1	3
gi 190240727 gb FG709881.1	3
gi 190229060 gb FG698397.1	3
gi 190218085 gb FG687344.1	3
gi 190219289 gb FG692029.1	3
gi 190229606 gb FG699237.1	3
gi 190229541 gb FG701446.1	3
gi 190240639 gb FG708259.1	3
gi 190266170 gb FG738972.1	3
gi 190156513 gb FG652302.1	3
gi 190250131 gb FG723531.1	3
gi 190229658 gb FG699289.1	3
gi 190259303 gb FG728499.1	3
gi 190265727 gb FG738040.1	3
gi 190273194 gb FG743350.1	3
gi 190273724 gb FG743670.1	3
gi 190288740 gb FG760084.1	3
gi 190281587 gb FG753178.1	3
gi 190152688 gb FG652710.1	3
gi 190254409 gb FG727548.1	3
gi 190263033 gb FG737043.1	3
gi 190268534 gb FG740542.1	3
gi 190162334 gb FG656020.1	3
gi 190234806 gb FG707898.1	3
gi 190218551 gb FG691366.1	3
gi 190220782 gb FG695355.1	3
gi 190164875 gb FG659109.1	3

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190287676 gb FG756114.1	3
gi 190156308 gb FG647938.1	3
gi 190225399 gb FG695095.1	3
gi 190259001 gb FG732353.1	3
gi 190267683 gb FG738120.1	3
gi 190152819 gb FG648090.1	3
gi 190263784 gb FG739446.1	3
gi 190257032 gb FG732211.1	3
gi 190282744 gb FG751992.1	3
gi 190255998 gb FG726216.1	3
gi 190247364 gb FG713785.1	3
gi 190221814 gb FG695981.1	3
gi 190243257 gb FG716189.1	3
gi 190154691 gb FG650104.1	3
gi 190248099 gb FG719542.1	3
gi 190225983 gb FG699347.1	3
gi 190245128 gb FG715156.1	3
gi 190162326 gb FG656012.1	3
gi 190230447 gb FG698748.1	3
gi 190264292 gb FG735214.1	3
gi 190292329 gb FG761523.1	3
gi 190287911 gb FG754472.1	3
gi 190281449 gb FG753110.1	3
gi 190274119 gb FG744095.1	3
gi 190273474 gb FG740784.1	3
gi 190272899 gb FG739595.1	3
gi 190272378 gb FG745480.1	3
gi 190269597 gb FG740008.1	3
gi 190268634 gb FG741454.1	3
gi 190267862 gb FG738509.1	3
gi 190267752 gb FG739366.1	3
gi 190267315 gb FG736067.1	3
gi 190267045 gb FG737790.1	3
gi 190266638 gb FG739541.1	3
gi 190266257 gb FG739059.1	3
gi 190265691 gb FG739250.1	3
gi 190265289 gb FG737070.1	3

Supplementary file 2. contd....

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190264624 gb FG736753.1	3
gi 190262669 gb FG736385.1	3
gi 190261185 gb FG731506.1	3
gi 190261155 gb FG733599.1	3
gi 190260180 gb FG728297.1	3
gi 190259501 gb FG733796.1	3
gi 190258211 gb FG730564.1	3
gi 190258068 gb FG733430.1	3
gi 190257401 gb FG733144.1	3
gi 190254416 gb FG727555.1	3
gi 190227687 gb FG701320.1	3
gi 190226645 gb FG697403.1	3
gi 190215417 gb FG691495.1	3
gi 190170029 gb FG664585.1	3
gi 190156239 gb FG649579.1	3
gi 190156017 gb FG648556.1	3
gi 190155913 gb FG651110.1	3
gi 190264764 gb FG735546.1	3
gi 190258861 gb FG732283.1	3
gi 190257224 gb FG733051.1	3
gi 190170578 gb FG666651.1	3
gi 190246043 gb FG717272.1	3
gi 190261981 gb FG730406.1	3
gi 190235006 gb FG707058.1	3
gi 190242914 gb FG715648.1	3
gi 190236867 gb FG712367.1	3
gi 190231918 gb FG707761.1	3
gi 190239254 gb FG708457.1	3
gi 190263395 gb FG735803.1	3
gi 190229064 gb FG700503.1	3
gi 190247841 gb FG719228.1	3
gi 190243087 gb FG718620.1	3
gi 190241530 gb FG710263.1	3
gi 190241316 gb FG710218.1	3
gi 190240857 gb FG711726.1	3
gi 190220568 gb FG688954.1	3
gi 190225114 gb FG692385.1	3

GenBank Accession Number	Repeat Number
gi 190229731 gb FG699572.1	3
gi 190223016 gb FG694101.1	3
gi 190225779 gb FG701503.1	3
gi 190268276 gb FG743186.1	3
gi 190265793 gb FG735062.1	3
gi 190165037 gb FG659144.1	3
gi 190279191 gb FG749212.1	3
gi 190269585 gb FG739996.1	3
gi 190157707 gb FG657276.1	3
gi 190254461 gb FG726331.1	3
gi 190269754 gb FG743781.1	3
gi 190247504 gb FG721196.1	3
gi 190161761 gb FG658375.1	3
gi 190153247 gb FG648423.1	3
gi 190157639 gb FG658120.1	3
gi 190218420 gb FG690436.1	3
gi 190256820 gb FG728391.1	3
gi 190316894 gb FG788538.1	3
gi 190323821 gb FG792422.1	3
gi 190259939 gb FG728824.1	3
gi 190253625 gb FG724123.1	3
gi 190252413 gb FG720328.1	3
gi 190247792 gb FG719208.1	3
gi 190246793 gb FG713443.1	3
gi 190246537 gb FG718507.1	3
gi 190244208 gb FG715919.1	3
gi 190244047 gb FG715445.1	3
gi 190244041 gb FG718466.1	3
gi 190241879 gb FG709116.1	3
gi 190240141 gb FG712319.1	3
gi 190239287 gb FG708476.1	3
gi 190238789 gb FG708146.1	3
gi 190238075 gb FG709214.1	3
gi 190233342 gb FG706087.1	3
gi 190232029 gb FG707788.1	3
gi 190230112 gb FG700893.1	3
gi 190222073 gb FG696506.1	3

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GenBank Accession Number	Repeat Number
gi 190169767 gb FG666373.1	3
gi 190168116 gb FG666503.1	3
gi 190155062 gb FG648816.1	3
gi 190248956 gb FG724056.1	3
gi 190244195 gb FG714792.1	3
gi 190242296 gb FG718325.1	3
gi 190220274 gb FG689431.1	3
gi 190287807 gb FG754424.1	3
gi 190273780 gb FG743698.1	3
gi 190243272 gb FG717767.1	3
gi 190331587 gb FG804243.1	3
gi 190165351 gb FG662821.1	3
gi 190251680 gb FG723295.1	3
gi 190244806 gb FG717854.1	3
gi 190229952 gb FG701705.1	3
gi 190230263 gb FG697332.1	3
gi 190164240 gb FG658498.1	3
gi 190241580 gb FG708594.1	3
gi 190163039 gb FG658743.1	3
gi 190162767 gb FG658695.1	3
gi 190221840 gb FG694311.1	3
gi 190157357 gb FG656366.1	3
gi 190253856 gb FG725000.1	3
gi 190229403 gb FG700170.1	3
gi 190265864 gb FG738302.1	3
gi 190229449 gb FG700188.1	3
gi 190154435 gb FG652235.1	3
gi 190318530 gb FG789486.1	3
gi 190272414 gb FG745488.1	3
gi 190314676 gb FG789294.1	3
gi 190229306 gb FG698923.1	3
gi 190318728 gb FG792240.1	3
gi 190321716 gb FG789979.1	3
gi 190251952 gb FG721753.1	3
gi 190241346 gb FG712564.1	3
gi 190228904 gb FG702353.1	3
gi 190227286 gb FG697763.1	3

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190218360 gb FG690840.1	3
gi 190154999 gb FG648781.1	3
gi 190248903 gb FG724031.1	3
gi 190160363 gb FG655943.1	3
gi 190218617 gb FG688256.1	3
gi 190244938 gb FG718800.1	3
gi 190252291 gb FG720291.1	3
gi 190158640 gb FG656142.1	3
gi 190162440 gb FG656070.1	3
gi 190234764 gb FG705878.1	3
gi 190232758 gb FG703099.1	3
gi 190243441 gb FG713655.1	3
gi 190226679 gb FG701869.1	3
gi 190216593 gb FG688971.1	3
gi 190153275 gb FG649921.1	3
gi 190318450 gb FG792834.1	3
gi 190258463 gb FG733486.1	3
gi 190252714 gb FG724876.1	3
gi 190242761 gb FG714201.1	3
gi 190262869 gb FG735448.1	3
gi 190257938 gb FG732515.1	3
gi 190162567 gb FG661232.1	3
gi 190257009 gb FG729546.1	3
gi 190248816 gb FG721057.1	3
gi 190281099 gb FG748484.1	3
gi 190288465 gb FG755349.1	3
gi 190271549 gb FG741062.1	3
gi 190268382 gb FG745030.1	3
gi 190265210 gb FG735908.1	3
gi 190244769 gb FG718715.1	3
gi 190238834 gb FG711553.1	3
gi 190229010 gb FG698375.1	3
gi 190223341 gb FG692253.1	3
gi 190220458 gb FG690640.1	3
gi 190165831 gb FG658609.1	3
gi 190154933 gb FG651887.1	3
gi 190274121 gb FG744097.1	3

Supplementary file 2. contd....

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190256716 gb FG726481.1	3
gi 190224452 gb FG693798.1	3
gi 190223170 gb FG692614.1	3
gi 190222408 gb FG696323.1	3
gi 190253708 gb FG724206.1	3
gi 190167839 gb FG663868.1	3
gi 190259833 gb FG730331.1	3
gi 190324815 gb FG800035.1	3
gi 190234284 gb FG703768.1	3
gi 190236075 gb FG703873.1	3
gi 190232620 gb FG703031.1	3
gi 190165096 gb FG659161.1	3
gi 190166212 gb FG660556.1	3
gi 190264995 gb FG738694.1	3
gi 190257953 gb FG732854.1	3
gi 190242531 gb FG716777.1	3
gi 190217118 gb FG688140.1	3
gi 190260839 gb FG729446.1	3
gi 190232992 gb FG705793.1	3
gi 190168075 gb FG666462.1	3
gi 190285250 gb FG756023.1	3
gi 190261298 gb FG728614.1	3
gi 190231911 gb FG707754.1	3
gi 190223027 gb FG694112.1	3
gi 190258295 gb FG730238.1	3
gi 190258239 gb FG732563.1	3
gi 190263550 gb FG738609.1	3
gi 190266807 gb FG736878.1	3
gi 190260580 gb FG732123.1	3
gi 190280961 gb FG752218.1	3
gi 190258015 gb FG730537.1	3
gi 190271106 gb FG743915.1	3
gi 190262334 gb FG733626.1	3
gi 190257264 gb FG729842.1	3
gi 190254434 gb FG726318.1	3
gi 190243823 gb FG716560.1	3
gi 190273378 gb FG742806.1	3

GenBank Accession Number	Repeat Number
gi 190258564 gb FG732028.1	3
gi 190230400 gb FG698701.1	3
gi 190249574 gb FG721397.1	3
gi 190226534 gb FG697376.1	3
gi 190256252 gb FG725901.1	3
gi 190245865 gb FG716629.1	3
gi 190221567 gb FG694556.1	3
gi 190260626 gb FG731254.1	3
gi 190159918 gb FG657682.1	3
gi 190260599 gb FG733015.1	3
gi 190155775 gb FG649226.1	3
gi 190225045 gb FG692680.1	3
gi 190332919 gb FG803528.1	3
gi 190219302 gb FG687662.1	3
gi 190254590 gb FG727876.1	3
gi 190284042 gb FG757746.1	3
gi 190166016 gb FG661726.1	3
gi 190164648 gb FG662528.1	3
gi 190216522 gb FG686964.1	3
gi 190291249 gb FG764448.1	3
gi 190290264 gb FG760575.1	3
gi 190289843 gb FG763208.1	3
gi 190289098 gb FG760838.1	3
gi 190280648 gb FG750402.1	3
gi 190280500 gb FG754140.1	3
gi 190275281 gb FG745930.1	3
gi 190272583 gb FG745545.1	3
gi 190272582 gb FG745544.1	3
gi 190272443 gb FG744271.1	3
gi 190272001 gb FG741612.1	3
gi 190270708 gb FG743208.1	3
gi 190269579 gb FG739990.1	3
gi 190269343 gb FG742050.1	3
gi 190268364 gb FG741674.1	3
gi 190268200 gb FG741146.1	3
gi 190266769 gb FG736840.1	3
gi 190266623 gb FG734407.1	3

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GenBank Accession Number	Repeat Number
gi 190261604 gb FG733880.1	3
gi 190260255 gb FG728372.1	3
gi 190259124 gb FG729972.1	3
gi 190258394 gb FG730253.1	3
gi 190257790 gb FG730171.1	3
gi 190257718 gb FG732491.1	3
gi 190257716 gb FG732489.1	3
gi 190257140 gb FG732235.1	3
gi 190253461 gb FG725291.1	3
gi 190247614 gb FG721250.1	3
gi 190243558 gb FG717085.1	3
gi 190242177 gb FG718264.1	3
gi 190241914 gb FG709151.1	3
gi 190241902 gb FG709139.1	3
gi 190240756 gb FG709896.1	3
gi 190240291 gb FG711064.1	3
gi 190224631 gb FG695617.1	3
gi 190221199 gb FG694861.1	3
gi 190219178 gb FG692003.1	3
gi 190218268 gb FG691631.1	3
gi 190170309 gb FG664081.1	3
gi 190170279 gb FG664051.1	3
gi 190169520 gb FG665984.1	3
gi 190164641 gb FG662521.1	3
gi 190164550 gb FG661924.1	3
gi 190161450 gb FG656551.1	3
gi 190160269 gb FG657753.1	3
gi 190155608 gb FG651675.1	3
gi 190154287 gb FG648487.1	3
gi 190152158 gb FG652052.1	3
gi 190289282 gb FG762269.1	3
gi 190272159 gb FG744561.1	3
gi 190270627 gb FG744851.1	3
gi 190263553 gb FG738612.1	3
gi 190260120 gb FG729789.1	3
gi 190258982 gb FG729130.1	3
gi 190257203 gb FG732256.1	3

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190256386 gb FG728051.1	3
gi 190255140 gb FG727636.1	3
gi 190216956 gb FG689557.1	3
gi 190164643 gb FG662523.1	3
gi 190236764 gb FG712950.1	3
gi 190243650 gb FG713922.1	3
gi 190272639 gb FG741913.1	3
gi 190227503 gb FG698316.1	3
gi 190219226 gb FG690240.1	3
gi 190157375 gb FG654811.1	3
gi 190162454 gb FG659216.1	3
gi 190162510 gb FG659272.1	3
gi 190267108 gb FG735706.1	3
gi 190257508 gb FG731635.1	3
gi 190290319 gb FG760602.1	3
gi 190225332 gb FG693054.1	3
gi 190230975 gb FG700285.1	3
gi 190153443 gb FG650314.1	3
gi 190264421 gb FG738904.1	3
gi 190231884 gb FG705397.1	3
gi 190217637 gb FG688491.1	3
gi 190221814 gb FG695981.1	3
gi 190252187 gb FG723956.1	3
gi 190161080 gb FG657091.1	3
gi 190243975 gb FG718428.1	3
gi 190220308 gb FG689451.1	3
gi 190164856 gb FG658763.1	3
gi 190161632 gb FG655302.1	3
gi 190244747 gb FG717823.1	3
gi 190241932 gb FG709169.1	3
gi 190244965 gb FG718813.1	3
gi 190162957 gb FG663324.1	3
gi 190164621 gb FG662515.1	3
gi 190165536 gb FG661346.1	3
gi 190279143 gb FG749164.1	3
gi 190266566 gb FG735387.1	3
gi 190266477 gb FG735340.1	3

Supplementary file 2. contd....

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GenBank Accession Number	Repeat Number
gi 190249689 gb FG722241.1	3
gi 190243047 gb FG716147.1	3
gi 190276988 gb FG749082.1	3
gi 190255950 gb FG726168.1	3
gi 190254914 gb FG726041.1	3
gi 190163269 gb FG662763.1	3
gi 190271627 gb FG743622.1	3
gi 190261111 gb FG732460.1	3
gi 190267530 gb FG735176.1	3
gi 190256217 gb FG727803.1	3
gi 190247563 gb FG721227.1	3
gi 190279579 gb FG753556.1	3
gi 190167970 gb FG663915.1	3
gi 190158757 gb FG657883.1	3
gi 190159207 gb FG653108.1	3
gi 190162199 gb FG656949.1	3
gi 190253445 gb FG725275.1	3
gi 190225855 gb FG701579.1	3
gi 190156452 gb FG652284.1	3
gi 190163851 gb FG663119.1	3
gi 190254156 gb FG725426.1	3
gi 190254108 gb FG725378.1	3
gi 190236089 gb FG704211.1	3
gi 190272752 gb FG740444.1	3
gi 190322540 gb FG789791.1	3
gi 190268053 gb FG738826.1	3
gi 190153535 gb FG649033.1	3
gi 190231827 gb FG705382.1	3
gi 190170337 gb FG664109.1	3
gi 190323654 gb FG791902.1	3
gi 190217243 gb FG687577.1	3
gi 190157864 gb FG655428.1	3
gi 190157764 gb FG657305.1	3
gi 190327814 gb FG795811.1	3
gi 190254441 gb FG727566.1	3
gi 190219090 gb FG689079.1	3
gi 190250272 gb FG721690.1	3

GenBank Accession Number	Repeat Number
gi 190162957 gb FG663324.1	3
gi 190242863 gb FG715597.1	3
gi 190164160 gb FG662169.1	3
gi 190254146 gb FG725416.1	3
gi 190280993 gb FG750212.1	3
gi 190273916 gb FG743990.1	3
gi 190268561 gb FG744663.1	3
gi 190267623 gb FG739321.1	3
gi 190263762 gb FG736114.1	3
gi 190235915 gb FG704164.1	3
gi 190228152 gb FG697466.1	3
gi 190222746 gb FG695513.1	3
gi 190220017 gb FG686858.1	3
gi 190167906 gb FG664453.1	3
gi 190164696 gb FG662548.1	3
gi 190264370 gb FG735292.1	3
gi 190328172 gb FG800725.1	3
gi 190274162 gb FG747632.1	3
gi 190265621 gb FG735003.1	3
gi 190261216 gb FG731537.1	3
gi 190236882 gb FG713250.1	3
gi 190168257 gb FG665607.1	3
gi 190219168 gb FG690225.1	3
gi 190248992 gb FG722839.1	3
gi 190248889 gb FG722792.1	3
gi 190169740 gb FG666360.1	3
gi 190277851 gb FG749469.1	3
gi 190269590 gb FG740001.1	3
gi 190155338 gb FG650705.1	3
gi 190161582 gb FG656613.1	3
gi 190285266 gb FG759364.1	3
gi 190254685 gb FG726941.1	3
gi 190326277 gb FG795468.1	3
gi 190246945 gb FG713525.1	3
gi 190228645 gb FG699833.1	3
gi 190225279 gb FG693029.1	3
gi 190166347 gb FG660621.1	3

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190160055 gb FG657707.1	3
gi 190327201 gb FG797080.1	3
gi 190272402 gb FG744258.1	3
gi 190170824 gb FG666111.1	3
gi 190158780 gb FG657906.1	3
gi 190276125 gb FG747607.1	3
gi 190156612 gb FG649874.1	3
gi 190168455 gb FG664779.1	3
gi 190235050 gb FG704378.1	3
gi 190230456 gb FG698757.1	3
gi 190161115 gb FG654643.1	3
gi 190271606 gb FG741077.1	3
gi 190246695 gb FG718552.1	3
gi 190250983 gb FG722583.1	3
gi 190248373 gb FG723765.1	3
gi 190251638 gb FG721481.1	3
gi 190316312 gb FG785038.1	3
gi 190260743 gb FG730613.1	3
gi 190256338 gb FG725987.1	3
gi 190254539 gb FG725774.1	3
gi 190247786 gb FG719202.1	3
gi 190159684 gb FG655276.1	3
gi 190246578 gb FG718520.1	3
gi 190154199 gb FG652170.1	3
gi 190254892 gb FG726019.1	3
gi 190161946 gb FG654086.1	3
gi 190283097 gb FG755875.1	3
gi 190223063 gb FG692563.1	3
gi 190211182 gb FG683215.1	3
gi 190244402 gb FG714857.1	3
gi 190243701 gb FG713973.1	3
gi 190220425 gb FG690622.1	3
gi 190270076 gb FG742421.1	3
gi 190233000 gb FG705801.1	3
gi 190328788 gb FG798595.1	3
gi 190249886 gb FG723454.1	3
gi 190248758 gb FG721027.1	3

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190168733 gb FG665341.1	3
gi 190258378 gb FG729368.1	3
gi 190157252 gb FG654744.1	3
gi 190156660 gb FG649879.1	3
gi 190246135 gb FG716067.1	3
gi 190219414 gb FG690286.1	3
gi 190157659 gb FG658126.1	3
gi 190229219 gb FG698444.1	3
gi 190233169 gb FG706390.1	3
gi 190269557 gb FG742982.1	3
gi 190152312 gb FG651744.1	3
gi 190259664 gb FG732668.1	3
gi 190293327 gb FG764983.1	3
gi 190251575 gb FG723246.1	3
gi 190278563 gb FG749761.1	3
gi 190157341 gb FG654791.1	3
gi 190272645 gb FG741919.1	3
gi 190272867 gb FG742252.1	3
gi 190257118 gb FG729570.1	3
gi 190255944 gb FG726162.1	3
gi 190168332 gb FG664740.1	3
gi 190273882 gb FG740310.1	3
gi 190224919 gb FG693635.1	3
gi 190280417 gb FG754113.1	3
gi 190273569 gb FG745225.1	3
gi 190269243 gb FG743466.1	3
gi 190268539 gb FG740547.1	3
gi 190264878 gb FG735604.1	3
gi 190261106 gb FG733578.1	3
gi 190255348 gb FG726366.1	3
gi 190226403 gb FG701014.1	3
gi 190158948 gb FG657080.1	3
gi 190167456 gb FG660335.1	3
gi 190255359 gb FG726379.1	3
gi 190225334 gb FG693056.1	3
gi 190234794 gb FG707676.1	3
gi 190164421 gb FG661020.1	3

Supplementary file 2. contd....

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190257453 gb FG731608.1	3
gi 190329823 gb FG798130.1	3
gi 190328321 gb FG799178.1	3
gi 190265299 gb FG734639.1	3
gi 190252893 gb FG725200.1	3
gi 190251132 gb FG722070.1	3
gi 190242011 gb FG717956.1	3
gi 190241715 gb FG708617.1	3
gi 190231011 gb FG700293.1	3
gi 190227653 gb FG699180.1	3
gi 190224445 gb FG693791.1	3
gi 190220426 gb FG690623.1	3
gi 190220333 gb FG689462.1	3
gi 190169439 gb FG664907.1	3
gi 190159616 gb FG655574.1	3
gi 190332838 gb FG802075.1	3
gi 190332238 gb FG802245.1	3
gi 190329492 gb FG795669.1	3
gi 190329490 gb FG795667.1	3
gi 190321707 gb FG792665.1	3
gi 190320870 gb FG791744.1	3
gi 190315767 gb FG786177.1	3
gi 190314307 gb FG788929.1	3
gi 190293378 gb FG763102.1	3
gi 190288010 gb FG758258.1	3
gi 190283051 gb FG756753.1	3
gi 190271337 gb FG743010.1	3
gi 190271183 gb FG743950.1	3
gi 190266126 gb FG736291.1	3
gi 190263989 gb FG737367.1	3
gi 190256511 gb FG727207.1	3
gi 190254125 gb FG725395.1	3
gi 190253752 gb FG725582.1	3
gi 190252858 gb FG725165.1	3
gi 190252423 gb FG720660.1	3
gi 190249927 gb FG723467.1	3
gi 190249878 gb FG723446.1	3

GenBank Accession Number	Repeat Number
gi 190248085 gb FG723692.1	3
gi 190247322 gb FG715307.1	3
gi 190246996 gb FG713548.1	3
gi 190245113 gb FG714043.1	3
gi 190244595 gb FG716843.1	3
gi 190243282 gb FG717777.1	3
gi 190242776 gb FG714751.1	3
gi 190241441 gb FG709679.1	3
gi 190240361 gb FG710545.1	3
gi 190239983 gb FG709642.1	3
gi 190239239 gb FG712477.1	3
gi 190236766 gb FG712952.1	3
gi 190236541 gb FG705086.1	3
gi 190235541 gb FG703523.1	3
gi 190235447 gb FG703233.1	3
gi 190234726 gb FG706988.1	3
gi 190234030 gb FG707250.1	3
gi 190233353 gb FG707544.1	3
gi 190233261 gb FG703448.1	3
gi 190232696 gb FG703065.1	3
gi 190232589 gb FG704010.1	3
gi 190232421 gb FG704897.1	3
gi 190231689 gb FG706549.1	3
gi 190230245 gb FG697314.1	3
gi 190228796 gb FG702274.1	3
gi 190227647 gb FG699174.1	3
gi 190227051 gb FG700386.1	3
gi 190224127 gb FG692056.1	3
gi 190224027 gb FG696664.1	3
gi 190223342 gb FG692254.1	3
gi 190223226 gb FG692642.1	3
gi 190222655 gb FG695758.1	3
gi 190221819 gb FG695986.1	3
gi 190221779 gb FG695974.1	3
gi 190221574 gb FG692432.1	3
gi 190221401 gb FG694503.1	3
gi 190220826 gb FG695399.1	3

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GenBank Accession Number	Repeat Number
gi 190220504 gb FG688890.1	3
gi 190218116 gb FG689387.1	3
gi 190217417 gb FG691880.1	3
gi 190217381 gb FG688403.1	3
gi 190217313 gb FG690134.1	3
gi 190217230 gb FG687564.1	3
gi 190216307 gb FG689784.1	3
gi 190215854 gb FG690372.1	3
gi 190215505 gb FG687165.1	3
gi 190215363 gb FG691441.1	3
gi 190170670 gb FG665495.1	3
gi 190170168 gb FG665736.1	3
gi 190169134 gb FG666890.1	3
gi 190168746 gb FG665354.1	3
gi 190168400 gb FG666774.1	3
gi 190167557 gb FG661505.1	3
gi 190167555 gb FG661503.1	3
gi 190167003 gb FG659996.1	3
gi 190166586 gb FG662590.1	3
gi 190165762 gb FG658540.1	3
gi 190165533 gb FG661343.1	3
gi 190165186 gb FG663444.1	3
gi 190163958 gb FG663649.1	3
gi 190163166 gb FG659789.1	3
gi 190162494 gb FG659256.1	3
gi 190162264 gb FG654419.1	3
gi 190161795 gb FG655381.1	3
gi 190161463 gb FG653753.1	3
gi 190160884 gb FG656237.1	3
gi 190160521 gb FG654345.1	3
gi 190160496 gb FG654334.1	3
gi 190160386 gb FG653388.1	3
gi 190159959 gb FG656799.1	3
gi 190159953 gb FG656793.1	3
gi 190159218 gb FG653119.1	3
gi 190158896 gb FG657028.1	3
gi 190158893 gb FG657025.1	3

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190158727 gb FG656187.1	3
gi 190158134 gb FG656650.1	3
gi 190157947 gb FG655454.1	3
gi 190157608 gb FG658103.1	3
gi 190157496 gb FG655114.1	3
gi 190156658 gb FG648981.1	3
gi 190156072 gb FG648583.1	3
gi 190156054 gb FG649480.1	3
gi 190155983 gb FG652020.1	3
gi 190154966 gb FG651906.1	3
gi 190154579 gb FG650048.1	3
gi 190154426 gb FG652226.1	3
gi 190154078 gb FG652812.1	3
gi 190153867 gb FG653050.1	3
gi 190153246 gb FG648422.1	3
gi 190152543 gb FG649673.1	3
gi 190152541 gb FG649671.1	3
gi 190331304 gb FG801307.1	3
gi 190329736 gb FG796881.1	3
gi 190327208 gb FG797087.1	3
gi 190325257 gb FG798767.1	3
gi 190318562 gb FG792188.1	3
gi 190291162 gb FG761266.1	3
gi 190284671 gb FG758937.1	3
gi 190278854 gb FG752089.1	3
gi 190277687 gb FG749389.1	3
gi 190273462 gb FG740772.1	3
gi 190271416 gb FG743579.1	3
gi 190270870 gb FG743258.1	3
gi 190267484 gb FG737249.1	3
gi 190266974 gb FG734774.1	3
gi 190265054 gb FG737633.1	3
gi 190262954 gb FG736964.1	3
gi 190262455 gb FG733690.1	3
gi 190262332 gb FG733624.1	3
gi 190262216 gb FG730473.1	3
gi 190262112 gb FG731888.1	3

Supplementary file 2. contd....

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190256729 gb FG726494.1	3
gi 190255085 gb FG726671.1	3
gi 190249811 gb FG720733.1	3
gi 190249464 gb FG719714.1	3
gi 190249136 gb FG719890.1	3
gi 190248535 gb FG718979.1	3
gi 190240849 gb FG709947.1	3
gi 190219548 gb FG688024.1	3
gi 190213870 gb FG686395.1	3
gi 190195582 gb FG667302.1	3
gi 190159550 gb FG655212.1	3
gi 190157008 gb FG650254.1	3
gi 190153783 gb FG649752.1	3
gi 190316326 gb FG787834.1	3
gi 190273345 gb FG742773.1	3
gi 190267114 gb FG735712.1	3
gi 190257969 gb FG733416.1	3
gi 190215582 gb FG689229.1	3
gi 190217511 gb FG688449.1	3
gi 190248092 gb FG719535.1	3
gi 190242106 gb FG714419.1	3
gi 190170582 gb FG666655.1	3
gi 190154486 gb FG652244.1	3
gi 190323533 gb FG790984.1	3
gi 190266274 gb FG739076.1	3
gi 190258896 gb FG729086.1	3
gi 190222559 gb FG693756.1	3
gi 190319777 gb FG792605.1	3
gi 190250509 gb FG720014.1	3
gi 190258280 gb FG729355.1	3
gi 190252558 gb FG720711.1	3
gi 190264549 gb FG734350.1	3
gi 190241199 gb FG712068.1	3
gi 190321548 gb FG790567.1	3
gi 190247946 gb FG720064.1	3
gi 190159182 gb FG654888.1	3
gi 190158714 gb FG654279.1	3

GenBank Accession Number	Repeat Number
gi 190280961 gb FG752218.1	3
gi 190244271 gb FG714811.1	3
gi 190233131 gb FG706352.1	3
gi 190170649 gb FG666722.1	3
gi 190273982 gb FG744028.1	3
gi 190292429 gb FG761623.1	3
gi 190162639 gb FG661248.1	3
gi 190275255 gb FG745918.1	3
gi 190265910 gb FG738320.1	3
gi 190273287 gb FG739953.1	3
gi 190165752 gb FG658530.1	3
gi 190245020 gb FG715683.1	3
gi 190157068 gb FG657772.1	3
gi 190155629 gb FG652921.1	3
gi 190263144 gb FG734600.1	3
gi 190246182 gb FG716086.1	3
gi 190245005 gb FG715117.1	3
gi 190241733 gb FG709747.1	3
gi 190233702 gb FG705255.1	3
gi 190233086 gb FG706307.1	3
gi 190225744 gb FG702466.1	3
gi 190223518 gb FG692907.1	3
gi 190217933 gb FG687864.1	3
gi 190215365 gb FG691443.1	3
gi 190170485 gb FG665268.1	3
gi 190165843 gb FG658621.1	3
gi 190164558 gb FG662481.1	3
gi 190154086 gb FG652820.1	3
gi 190319720 gb FG792576.1	3
gi 190332778 gb FG802057.1	3
gi 190261555 gb FG733873.1	3
gi 190253756 gb FG725586.1	3
gi 190248472 gb FG721614.1	3
gi 190245812 gb FG716605.1	3
gi 190230332 gb FG701201.1	3
gi 190168238 gb FG663694.1	3
gi 190160929 gb FG656254.1	3

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GenBank Accession Number	Repeat Number
gi 190154613 gb FG650068.1	3
gi 190273708 gb FG740220.1	3
gi 190261447 gb FG733849.1	3
gi 190165828 gb FG658606.1	3
gi 190221809 gb FG694308.1	3
gi 190265996 gb FG738350.1	3
gi 190223905 gb FG693264.1	3
gi 190246807 gb FG717598.1	3
gi 190221682 gb FG694265.1	3
gi 190286059 gb FG756338.1	3
gi 190277854 gb FG749472.1	3
gi 190217793 gb FG691064.1	3
gi 190243307 gb FG713633.1	3
gi 190247299 gb FG715284.1	3
gi 190168813 gb FG666178.1	3
gi 190329239 gb FG800488.1	3
gi 190240093 gb FG712271.1	3
gi 190248447 gb FG721589.1	3
gi 190228608 gb FG698605.1	3
gi 190234712 gb FG705868.1	3
gi 190269413 gb FG740972.1	3
gi 190289685 gb FG763498.1	3
gi 190244639 gb FG714503.1	3
gi 190240165 gb FG710447.1	3
gi 190244238 gb FG714806.1	3
gi 190224832 gb FG693590.1	3
gi 190169480 gb FG665944.1	3
gi 190321940 gb FG790315.1	3
gi 190257357 gb FG729893.1	3
gi 190169580 gb FG666044.1	3
gi 190225793 gb FG701517.1	3
gi 190216827 gb FG691281.1	3
gi 190163232 gb FG659827.1	3
gi 190151972 gb FG649297.1	3
gi 190170678 gb FG665503.1	3
gi 190278406 gb FG751782.1	3
gi 190252834 gb FG725141.1	3

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190219109 gb FG690208.1	3
gi 190233843 gb FG706671.1	3
gi 190218748 gb FG688742.1	3
gi 190169851 gb FG663721.1	3
gi 190165928 gb FG661695.1	3
gi 190253318 gb FG724924.1	3
gi 190268994 gb FG744367.1	3
gi 190163438 gb FG660766.1	3
gi 190230216 gb FG697285.1	3
gi 190233890 gb FG706689.1	3
gi 190152076 gb FG652041.1	3
gi 190272881 gb FG744931.1	3
gi 190250069 gb FG720823.1	3
gi 190286360 gb FG759989.1	3
gi 190291459 gb FG763006.1	3
gi 190232959 gb FG704324.1	3
gi 190272281 gb FG744221.1	3
gi 190256732 gb FG726497.1	3
gi 190246912 gb FG713506.1	3
gi 190166387 gb FG662323.1	3
gi 190163904 gb FG663595.1	3
gi 190268919 gb FG739667.1	3
gi 190289022 gb FG761126.1	3
gi 190242793 gb FG714754.1	3
gi 190268906 gb FG745568.1	3
gi 190254161 gb FG725431.1	3
gi 190252923 gb FG724570.1	3
gi 190221253 gb FG693893.1	3
gi 190277236 gb FG748504.1	3
gi 190166534 gb FG661216.1	3
gi 190314558 gb FG786068.1	3
gi 190236131 gb FG703887.1	3
gi 190248711 gb FG721008.1	3
gi 190157918 gb FG653324.1	3
gi 190262228 gb FG731920.1	3
gi 190241820 gb FG710328.1	3
gi 190169665 gb FG666537.1	3

Supplementary file 2. contd....

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190327875 gb FG797948.1	3
gi 190272911 gb FG740489.1	3
gi 190206794 gb FG673215.1	3
gi 190266180 gb FG738982.1	3
gi 190234743 gb FG707667.1	3
gi 190320293 gb FG791421.1	3
gi 190240722 gb FG713218.1	3
gi 190232685 gb FG703614.1	3
gi 190236147 gb FG704227.1	3
gi 190227887 gb FG698055.1	3
gi 190324491 gb FG800794.1	3
gi 190167517 gb FG661479.1	3
gi 190238277 gb FG709430.1	3
gi 190165001 gb FG659346.1	3
gi 190287766 gb FG756162.1	3
gi 190163126 gb FG662691.1	3
gi 190329891 gb FG802934.1	3
gi 190151887 gb FG651448.1	3
gi 190247314 gb FG715299.1	3
gi 190255494 gb FG727990.1	3
gi 190270998 gb FG743302.1	3
gi 190270861 gb FG741817.1	3
gi 190154260 gb FG652188.1	3
gi 190168554 gb FG665708.1	3
gi 190262203 gb FG729253.1	3
gi 190258568 gb FG732032.1	3
gi 190290526 gb FG760878.1	3
gi 190277701 gb FG752855.1	3
gi 190226057 gb FG697041.1	3
gi 190231693 gb FG706553.1	3
gi 190252127 gb FG722361.1	3
gi 190230517 gb FG699912.1	3
gi 190167173 gb FG660039.1	3
gi 190169015 gb FG665144.1	3
gi 190239847 gb FG709618.1	3
gi 190249367 gb FG719617.1	3
gi 190243407 gb FG716227.1	3

GenBank Accession Number	Repeat Number
gi 190267578 gb FG739304.1	3
gi 190275610 gb FG746864.1	3
gi 190260226 gb FG728343.1	3
gi 190254305 gb FG727501.1	3
gi 190237079 gb FG710574.1	3
gi 190228767 gb FG699899.1	3
gi 190332772 gb FG803829.1	3
gi 190243952 gb FG718419.1	3
gi 190164942 gb FG659330.1	3
gi 190162157 gb FG656907.1	3
gi 190228037 gb FG701671.1	3
gi 190215920 gb FG690888.1	3
gi 190319069 gb FG794852.1	3
gi 190228712 gb FG698652.1	3
gi 190230897 gb FG700263.1	3
gi 190229729 gb FG699570.1	3
gi 190162357 gb FG656029.1	3
gi 190270602 gb FG744840.1	3
gi 190225930 gb FG698525.1	3
gi 190221600 gb FG694239.1	3
gi 190269007 gb FG739698.1	3
gi 190170181 gb FG665749.1	3
gi 190213491 gb FG685190.1	3
gi 190267518 gb FG737269.1	3
gi 190254638 gb FG727924.1	3
gi 190219282 gb FG690254.1	3
gi 190253498 gb FG724670.1	3
gi 190169755 gb FG666585.1	3
gi 190250514 gb FG720019.1	3
gi 190218485 gb FG688208.1	3
gi 190234040 gb FG707260.1	3
gi 190268186 gb FG743138.1	3
gi 190253660 gb FG724158.1	3
gi 190224490 gb FG693836.1	3
gi 190242985 gb FG716142.1	3
gi 190234891 gb FG707027.1	3
gi 190271687 gb FG743640.1	3

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190262579 gb FG736337.1	3
gi 190291654 gb FG764797.1	3
gi 190231714 gb FG707459.1	3
gi 190231624 gb FG707411.1	3
gi 190224568 gb FG695806.1	3
gi 190258934 gb FG729110.1	3
gi 190160119 gb FG657393.1	3
gi 190224243 gb FG694359.1	3
gi 190287361 gb FG755829.1	3
gi 190255012 gb FG726598.1	3
gi 190217499 gb FG691906.1	3
gi 190262755 gb FG737551.1	3
gi 190230512 gb FG699907.1	3
gi 190219803 gb FG691754.1	3
gi 190224978 gb FG694772.1	3
gi 190217406 gb FG689877.1	3
gi 190245764 gb FG716344.1	3
gi 190317537 gb FG786005.1	3
gi 190293196 gb FG760496.1	3
gi 190248836 gb FG722767.1	3
gi 190254861 gb FG727033.1	3
gi 190274738 gb FG746515.1	3
gi 190227549 gb FG701252.1	3
gi 190273464 gb FG740774.1	3
gi 190268194 gb FG741140.1	3
gi 190222391 gb FG695212.1	3
gi 190222260 gb FG695165.1	3
gi 190170990 gb FG666165.1	3
gi 190256274 gb FG725923.1	3
gi 190252819 gb FG725126.1	3
gi 190241357 gb FG708540.1	3
gi 190237462 gb FG708405.1	3
gi 190222337 gb FG696840.1	3
gi 190164271 gb FG661645.1	3
gi 190231023 gb FG700305.1	3
gi 190165952 gb FG659675.1	3
gi 190235539 gb FG703521.1	3

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190163471 gb FG659558.1	3
gi 190249727 gb FG719342.1	3
gi 190218660 gb FG688271.1	3
gi 190241372 gb FG709666.1	3
gi 190153404 gb FG650275.1	3
gi 190280087 gb FG749520.1	3
gi 190156790 gb FG652366.1	3
gi 190241563 gb FG712612.1	3
gi 190239785 gb FG710167.1	3
gi 190252969 gb FG724616.1	3
gi 190224240 gb FG694356.1	3
gi 190318716 gb FG789884.1	3
gi 190256821 gb FG728392.1	3
gi 190235450 gb FG703236.1	3
gi 190158431 gb FG655823.1	3
gi 190163190 gb FG662726.1	3
gi 190266614 gb FG734398.1	3
gi 190225723 gb FG699103.1	3
gi 190224352 gb FG694412.1	3
gi 190256548 gb FG727216.1	3
gi 190267319 gb FG736071.1	3
gi 190242707 gb FG714175.1	3
gi 190218827 gb FG687066.1	3
gi 190164941 gb FG659329.1	3
gi 190283276 gb FG757427.1	3
gi 190331765 gb FG802445.1	3
gi 190235954 gb FG703836.1	3
gi 190255413 gb FG726433.1	3
gi 190241363 gb FG708546.1	3
gi 190157285 gb FG654763.1	3
gi 190253070 gb FG724352.1	3
gi 190222180 gb FG695141.1	3
gi 190226326 gb FG700937.1	3
gi 190166502 gb FG661184.1	3
gi 190255886 gb FG725876.1	3
gi 190293476 gb FG761365.1	3
gi 190288542 gb FG756462.1	3

Supplementary file 2. contd....

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190234393 gb FG705043.1	3
gi 190261759 gb FG733360.1	3
gi 190324296 gb FG799336.1	3
gi 190269168 gb FG740895.1	3
gi 190258787 gb FG731462.1	3
gi 190253562 gb FG724734.1	3
gi 190233191 gb FG703378.1	3
gi 190227892 gb FG698060.1	3
gi 190227759 gb FG698012.1	3
gi 190271109 gb FG740693.1	3
gi 190263647 gb FG737292.1	3
gi 190259334 gb FG733741.1	3
gi 190232848 gb FG704269.1	3
gi 190255012 gb FG726598.1	3
gi 190245266 gb FG717551.1	3
gi 190223959 gb FG693290.1	3
gi 190223335 gb FG694602.1	3
gi 190154349 gb FG648507.1	3
gi 190235257 gb FG706203.1	3
gi 190261751 gb FG732806.1	3
gi 190164245 gb FG660508.1	3
gi 190240800 gb FG711698.1	3
gi 190220500 gb FG688886.1	3
gi 190264948 gb FG738647.1	3
gi 190245483 gb FG713681.1	3
gi 190258627 gb FG729631.1	3
gi 190271265 gb FG740988.1	3
gi 190245982 gb FG716690.1	3
gi 190245687 gb FG716323.1	3
gi 190160148 gb FG656498.1	3
gi 190240938 gb FG711764.1	3
gi 190155722 gb FG649173.1	3
gi 190162476 gb FG659238.1	3
gi 190201338 gb FG671202.1	3
gi 190225371 gb FG695081.1	3
gi 190206616 gb FG675935.1	3
gi 190273929 gb FG742559.1	3

GenBank Accession Number	Repeat Number
gi 190270251 gb FG740325.1	3
gi 190263224 gb FG735758.1	3
gi 190250239 gb FG720223.1	3
gi 190246713 gb FG714981.1	3
gi 190240494 gb FG711434.1	3
gi 190239154 gb FG708749.1	3
gi 190236732 gb FG712918.1	3
gi 190236479 gb FG705700.1	3
gi 190236476 gb FG705697.1	3
gi 190226626 gb FG701858.1	3
gi 190225446 gb FG694120.1	3
gi 190224186 gb FG692087.1	3
gi 190221052 gb FG692135.1	3
gi 190220259 gb FG690540.1	3
gi 190219032 gb FG687130.1	3
gi 190218881 gb FG688789.1	3
gi 190201591 gb FG673527.1	3
gi 190213927 gb FG686424.1	3
gi 190250419 gb FG723792.1	3
gi 190249000 gb FG722847.1	3
gi 190229440 gb FG698973.1	3
gi 190209715 gb FG681874.1	3
gi 190289664 gb FG762931.1	3
gi 190264811 gb FG736450.1	3
gi 190158551 gb FG656096.1	3
gi 190236904 gb FG712390.1	3
gi 190162780 gb FG661276.1	3
gi 190257677 gb FG730156.1	3
gi 190273009 gb FG739621.1	3
gi 190227498 gb FG698311.1	3
gi 190270824 gb FG741808.1	3
gi 190229720 gb FG697797.1	3
gi 190258568 gb FG732032.1	3
gi 190260125 gb FG729794.1	3
gi 190237157 gb FG710060.1	3
gi 190227422 gb FG698235.1	3
gi 190154895 gb FG649419.1	3

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190217976 gb FG687878.1	3
gi 190273835 gb FG743725.1	3
gi 190252949 gb FG724596.1	3
gi 190250337 gb FG721727.1	3
gi 190249713 gb FG722251.1	3
gi 190244786 gb FG717848.1	3
gi 190219849 gb FG691112.1	3
gi 190250289 gb FG720245.1	3
gi 190219851 gb FG686819.1	3
gi 190168819 gb FG666184.1	3
gi 190158492 gb FG657634.1	3
gi 190264355 gb FG735277.1	3
gi 190260427 gb FG732969.1	3
gi 190243625 gb FG713897.1	3
gi 190242007 gb FG717952.1	3
gi 190231913 gb FG707756.1	3
gi 190234040 gb FG707260.1	3
gi 190264985 gb FG738684.1	3
gi 190164938 gb FG659326.1	3
gi 190267901 gb FG738744.1	3
gi 190217330 gb FG690151.1	3
gi 190154660 gb FG651320.1	3
gi 190259432 gb FG728543.1	3
gi 190236716 gb FG712902.1	3
gi 190235491 gb FG703473.1	3
gi 190164402 gb FG661001.1	3
gi 190163492 gb FG659579.1	3
gi 190200886 gb FG670908.1	3
gi 190273601 gb FG745257.1	3
gi 190263178 gb FG735754.1	3
gi 190224989 gb FG694783.1	3
gi 190261660 gb FG733894.1	3
gi 190247595 gb FG721245.1	3
gi 190329892 gb FG802935.1	3
gi 190288174 gb FG759813.1	3
gi 190244387 gb FG717211.1	3
gi 190162899 gb FG658715.1	3

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190237702 gb FG711487.1	3
gi 190159634 gb FG655254.1	3
gi 190252360 gb FG722665.1	3
gi 190229208 gb FG702011.1	3
gi 190218082 gb FG689383.1	3
gi 190235433 gb FG706477.1	3
gi 190217163 gb FG687497.1	3
gi 190160480 gb FG653440.1	3
gi 190276723 gb FG748218.1	3
gi 190168572 gb FG666834.1	3
gi 190159625 gb FG655583.1	3
gi 190161690 gb FG655332.1	3
gi 190265151 gb FG737730.1	3
gi 190168289 gb FG664725.1	3
gi 190168396 gb FG665662.1	3
gi 190220936 gb FG693379.1	3
gi 190159973 gb FG657359.1	3
gi 190253502 gb FG724674.1	3
gi 190162135 gb FG656885.1	3
gi 190281284 gb FG749018.1	3
gi 190272254 gb FG744656.1	3
gi 190264704 gb FG736833.1	3
gi 190264264 gb FG735186.1	3
gi 190264236 gb FG739167.1	3
gi 190256994 gb FG728439.1	3
gi 190255471 gb FG727967.1	3
gi 190254475 gb FG727585.1	3
gi 190237972 gb FG710973.1	3
gi 190228743 gb FG698669.1	3
gi 190222323 gb FG696294.1	3
gi 190201676 gb FG676230.1	3
gi 190152526 gb FG653012.1	3
gi 190283976 gb FG754609.1	3
gi 190262807 gb FG737603.1	3
gi 190163891 gb FG663131.1	3
gi 190251625 gb FG723268.1	3
gi 190248172 gb FG720121.1	3

Supplementary file 2. contd....

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190331691 gb FG801965.1	3
gi 190262256 gb FG729264.1	3
gi 190164059 gb FG661584.1	3
gi 190253995 gb FG725069.1	3
gi 190246539 gb FG718509.1	3
gi 190228575 gb FG698586.1	3
gi 190152254 gb FG652629.1	3
gi 190314712 gb FG787532.1	3
gi 190217919 gb FG687291.1	3
gi 190323437 gb FG791854.1	3
gi 190250168 gb FG721642.1	3
gi 190244962 gb FG718810.1	3
gi 190228109 gb FG697451.1	3
gi 190217858 gb FG689301.1	3
gi 190217195 gb FG687529.1	3
gi 190164530 gb FG662467.1	3
gi 190159936 gb FG653994.1	3
gi 190330596 gb FG801874.1	3
gi 190285121 gb FG755979.1	3
gi 190252754 gb FG725700.1	3
gi 190234434 gb FG704618.1	3
gi 190232201 gb FG707834.1	3
gi 190231285 gb FG704487.1	3
gi 190215845 gb FG690363.1	3
gi 190162345 gb FG654458.1	3
gi 190327973 gb FG795858.1	3
gi 190250371 gb FG719947.1	3
gi 190247612 gb FG722148.1	3
gi 190242632 gb FG714679.1	3
gi 190241884 gb FG709121.1	3
gi 190238137 gb FG709248.1	3
gi 190231198 gb FG702728.1	3
gi 190224891 gb FG693621.1	3
gi 190156437 gb FG649827.1	3
gi 190156272 gb FG647902.1	3
gi 190170880 gb FG664678.1	3
gi 190267187 gb FG735729.1	3

GenBank Accession Number	Repeat Number
gi 190254345 gb FG726271.1	3
gi 190232962 gb FG705777.1	3
gi 190231672 gb FG707431.1	3
gi 190292048 gb FG760710.1	3
gi 190154881 gb FG651863.1	3
gi 190242037 gb FG717968.1	3
gi 190170574 gb FG666647.1	3
gi 190241552 gb FG710834.1	3
gi 190170388 gb FG665171.1	3
gi 190237463 gb FG708406.1	3
gi 190291159 gb FG761263.1	3
gi 190271500 gb FG741055.1	3
gi 190262742 gb FG737538.1	3
gi 190270977 gb FG745201.1	3
gi 190239704 gb FG709588.1	3
gi 190242420 gb FG716722.1	3
gi 190203498 gb FG676863.1	3
gi 190287361 gb FG755829.1	3
gi 190330805 gb FG803034.1	3
gi 190269532 gb FG742957.1	3
gi 190260790 gb FG730632.1	3
gi 190163276 gb FG662770.1	3
gi 190162194 gb FG656944.1	3
gi 190238665 gb FG711272.1	3
gi 190235290 gb FG703188.1	3
gi 190219996 gb FG690027.1	3
gi 190328835 gb FG798642.1	3
gi 190226163 gb FG699737.1	3
gi 190224590 gb FG695814.1	3
gi 190157962 gb FG653340.1	3
gi 190279209 gb FG749230.1	3
gi 190265681 gb FG738022.1	3
gi 190258738 gb FG731413.1	3
gi 190251910 gb FG720921.1	3
gi 190247696 gb FG722189.1	3
gi 190244526 gb FG714446.1	3
gi 190241155 gb FG708801.1	3

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190235551 gb FG703533.1	3
gi 190231567 gb FG703351.1	3
gi 190231223 gb FG702753.1	3
gi 190228127 gb FG699457.1	3
gi 190225026 gb FG692339.1	3
gi 190157393 gb FG654815.1	3
gi 190327097 gb FG797032.1	3
gi 190248948 gb FG722823.1	3
gi 190153722 gb FG650702.1	3
gi 190152918 gb FG648720.1	3
gi 190247860 gb FG723058.1	3
gi 190237694 gb FG710384.1	3
gi 190218404 gb FG688183.1	3
gi 190168295 gb FG664731.1	3
gi 190239404 gb FG713342.1	3
gi 190223415 gb FG694640.1	3
gi 190170216 gb FG665784.1	3
gi 190165991 gb FG663178.1	3
gi 190158093 gb FG653387.1	3
gi 190251417 gb FG719138.1	3
gi 190323620 gb FG790662.1	3
gi 190227470 gb FG698283.1	3
gi 190331208 gb FG801574.1	3
gi 190251351 gb FG723599.1	3
gi 190168923 gb FG665052.1	3
gi 190265141 gb FG737720.1	3
gi 190159012 gb FG653617.1	3
gi 190239357 gb FG712539.1	3
gi 190256721 gb FG726486.1	3
gi 190293411 gb FG763121.1	3
gi 190226330 gb FG700941.1	3
gi 190220827 gb FG695400.1	3
gi 190290215 gb FG760554.1	3
gi 190261266 gb FG731587.1	3
gi 190259438 gb FG728549.1	3
gi 190279617 gb FG753034.1	3
gi 190166919 gb FG658952.1	3

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190251825 gb FG719487.1	3
gi 190233249 gb FG703436.1	3
gi 190170617 gb FG666690.1	3
gi 190170290 gb FG664062.1	3
gi 190252561 gb FG720714.1	3
gi 190250549 gb FG720040.1	3
gi 190239797 gb FG710728.1	3
gi 190238000 gb FG710987.1	3
gi 190229135 gb FG698416.1	3
gi 190168805 gb FG666170.1	3
gi 190164546 gb FG661920.1	3
gi 190163181 gb FG662717.1	3
gi 190324672 gb FG795420.1	3
gi 190269408 gb FG743519.1	3
gi 190265421 gb FG734705.1	3
gi 190261869 gb FG730378.1	3
gi 190251319 gb FG723595.1	3
gi 190250682 gb FG720595.1	3
gi 190248654 gb FG720979.1	3
gi 190246803 gb FG713453.1	3
gi 190246690 gb FG715535.1	3
gi 190244207 gb FG715918.1	3
gi 190242563 gb FG716795.1	3
gi 190237737 gb FG710399.1	3
gi 190224313 gb FG696391.1	3
gi 190223298 gb FG694579.1	3
gi 190218789 gb FG688755.1	3
gi 190218673 gb FG690519.1	3
gi 190218190 gb FG691553.1	3
gi 190215518 gb FG688308.1	3
gi 190211134 gb FG683167.1	3
gi 190170630 gb FG666703.1	3
gi 190167956 gb FG665023.1	3
gi 190167466 gb FG661456.1	3
gi 190165447 gb FG659948.1	3
gi 190163355 gb FG660683.1	3
gi 190162426 gb FG654497.1	3

Supplementary file 2. contd....

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190263132 gb FG734588.1	3
gi 190254119 gb FG725389.1	3
gi 190252751 gb FG725697.1	3
gi 190251486 gb FG723650.1	3
gi 190250472 gb FG723817.1	3
gi 190248884 gb FG722787.1	3
gi 190246468 gb FG714905.1	3
gi 190245540 gb FG714261.1	3
gi 190245049 gb FG714021.1	3
gi 190243819 gb FG716556.1	3
gi 190243394 gb FG715100.1	3
gi 190237946 gb FG710961.1	3
gi 190236523 gb FG705068.1	3
gi 190234394 gb FG705593.1	3
gi 190234375 gb FG703801.1	3
gi 190230334 gb FG701203.1	3
gi 190230320 gb FG701189.1	3
gi 190227973 gb FG698085.1	3
gi 190227297 gb FG697774.1	3
gi 190227215 gb FG697692.1	3
gi 190226106 gb FG699386.1	3
gi 190225939 gb FG698534.1	3
gi 190225609 gb FG699045.1	3
gi 190225439 gb FG695121.1	3
gi 190223549 gb FG694927.1	3
gi 190220969 gb FG693412.1	3
gi 190220322 gb FG690575.1	3
gi 190217329 gb FG690150.1	3
gi 190217035 gb FG689636.1	3
gi 190169136 gb FG666892.1	3
gi 190165283 gb FG659416.1	3
gi 190160128 gb FG657724.1	3
gi 190156346 gb FG647976.1	3
gi 190154540 gb FG652255.1	3
gi 190154467 gb FG651562.1	3
gi 190327130 gb FG798815.1	3
gi 190326884 gb FG798500.1	3

GenBank Accession Number	Repeat Number
gi 190317511 gb FG788881.1	3
gi 190269859 gb FG742373.1	3
gi 190267380 gb FG737201.1	3
gi 190262042 gb FG730425.1	3
gi 190231050 gb FG698202.1	3
gi 190225724 gb FG699104.1	3
gi 190170984 gb FG666159.1	3
gi 190167391 gb FG660087.1	3
gi 190165624 gb FG661434.1	3
gi 190165271 gb FG659208.1	3
gi 190165011 gb FG663396.1	3
gi 190164177 gb FG658477.1	3
gi 190163235 gb FG662743.1	3
gi 190162914 gb FG661298.1	3
gi 190160699 gb FG658056.1	3
gi 190273229 gb FG739923.1	3
gi 190252380 gb FG720645.1	3
gi 190234658 gb FG705856.1	3
gi 190233870 gb FG706683.1	3
gi 190231396 gb FG703294.1	3
gi 190223155 gb FG696076.1	3
gi 190220408 gb FG690619.1	3
gi 190219412 gb FG689174.1	3
gi 190217922 gb FG687294.1	3
gi 190215926 gb FG690894.1	3
gi 190170460 gb FG665243.1	3
gi 190164884 gb FG659315.1	3
gi 190248858 gb FG722775.1	3
gi 190230369 gb FG701238.1	3
gi 190168677 gb FG665313.1	3
gi 190231586 gb FG704590.1	3
gi 190229635 gb FG699266.1	3
gi 190228182 gb FG697146.1	3
gi 190218969 gb FG688819.1	3
gi 190168630 gb FG665294.1	3
gi 190151833 gb FG651394.1	3
gi 190216767 gb FG689031.1	3

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190323860 gb FG792461.1	3
gi 190246267 gb FG716115.1	3
gi 190217841 gb FG687270.1	3
gi 190166982 gb FG663012.1	3
gi 190158438 gb FG657608.1	3
gi 190313565 gb FG787987.1	3
gi 190236134 gb FG704214.1	3
gi 190163205 gb FG659814.1	3
gi 190160853 gb FG653206.1	3
gi 190165858 gb FG658636.1	3

Supplementary file 2. contd....

GenBank Accession Number	Repeat Number
gi 190257032 gb FG732211.1	3
gi 190169109 gb FG666879.1	3
gi 190244187 gb FG714784.1	3
gi 190221327 gb FG692802.1	3
gi 190331691 gb FG801965.1	3
gi 190227529 gb FG698342.1	3
gi 190328874 gb FG798681.1	3
gi 190271331 gb FG741012.1	3
gi 190167801 gb FG663858.1	3

The repeat-containing clones may originate from multiple template switching during cDNA construction occurring at the 5' end of the cDNAs. Switch primer sequence: (5'-AAGCAGTGGTATCAACGCAGAGTGGCCATTACGGCCGG-3').

SUPPLEMENTARY MATERIAL 3

GENBANK ACCESSION NUMBERS OF ASCARIS SUUM EST SEQUENCES THAT CONTAIN DIFFERENT NUMBER OF REPEATS OF THE WHOLE OR TRUNCATED ADAPTER SEQUENCE.

***Ascaris suum* EST Sequences that Contain Different Number of Repeats of the Whole or Truncated Adapter Sequence**

GenBank Accession Number	Repeat Number
gi 171286696 gb FE916864.1	7
gi 171279974 gb FE911026.1	7
gi 171284841 gb FE916185.1	7
gi 171279974 gb FE911026.1	6
gi 171284841 gb FE916185.1	6
gi 171286304 gb FE915739.1	6
gi 171275985 gb FE914297.1	6
gi 171285449 gb FE916232.1	5
gi 171280367 gb FE913123.1	5
gi 171276153 gb FE913517.1	4
gi 171291305 gb FE917749.1	4
gi 171291629 gb FE917177.1	4
gi 171285417 gb FE916200.1	4
gi 171284995 gb FE914636.1	4
gi 171286943 gb FE915546.1	4
gi 171287319 gb FE915373.1	4
gi 171289349 gb FE917331.1	4
gi 171279314 gb FE913042.1	4
gi 171283548 gb FE912912.1	4
gi 171285087 gb FE915685.1	4
gi 171285087 gb FE915685.1	4

GenBank Accession Number	Repeat Number
gi 171275329 gb FE910301.1	4
gi 171286415 gb FE915773.1	4
gi 171284834 gb FE916178.1	4
gi 171280592 gb FE913708.1	4
gi 171280851 gb FE912091.1	4
gi 171286621 gb FE915295.1	4
gi 171273938 gb FE910197.1	4
gi 171279103 gb FE912201.1	4
gi 171286943 gb FE915546.1	3
gi 171287319 gb FE915373.1	3
gi 171289349 gb FE917331.1	3
gi 171279314 gb FE913042.1	3
gi 171283548 gb FE912912.1	3
gi 171285087 gb FE915685.1	3
gi 171287262 gb FE915339.1	3
gi 171286416 gb FE915774.1	3
gi 171286378 gb FE914484.1	3
gi 171286344 gb FE916308.1	3
gi 171285414 gb FE916197.1	3
gi 171284970 gb FE914611.1	3

Supplementary file 3. contd....

Supplementary file 3. contd....

GenBank Accession Number	Repeat Number
gi 171281077 gb FE913983.1	3
gi 171273976 gb FE910217.1	3
gi 171284335 gb FE916667.1	3
gi 171286158 gb FE915461.1	3
gi 171275329 gb FE910301.1	3
gi 171286300 gb FE915735.1	3
gi 171279554 gb FE913289.1	3
gi 171291375 gb FE918587.1	3
gi 171274047 gb FE909281.1	3
gi 171284834 gb FE916178.1	3
gi 171279335 gb FE913789.1	3
gi 171287191 gb FE915305.1	3
gi 171284173 gb FE911144.1	3
gi 171279795 gb FE912791.1	3
gi 171280592 gb FE913708.1	3
gi 171285979 gb FE916765.1	3
gi 171283676 gb FE912977.1	3
gi 171290345 gb FE919350.1	3
gi 171287839 gb FE917249.1	3
gi 171289698 gb FE918458.1	3
gi 171279398 gb FE913852.1	3
gi 171286487 gb FE914999.1	3
gi 171291731 gb FE920311.1	3
gi 171280624 gb FE911053.1	3
gi 171276225 gb FE911718.1	3
gi 171290912 gb FE918320.1	3
gi 171285425 gb FE916208.1	3
gi 171273196 gb FE910102.1	3
gi 171290933 gb FE920229.1	3
gi 171290289 gb FE918262.1	3
gi 171290216 gb FE918246.1	3
gi 171289097 gb FE918450.1	3
gi 171288821 gb FE918666.1	3
gi 171287268 gb FE915345.1	3
gi 171287224 gb FE915321.1	3
gi 171287207 gb FE915312.1	3
gi 171287129 gb FE916379.1	3
gi 171287103 gb FE916104.1	3

GenBank Accession Number	Repeat Number
gi 171287079 gb FE916096.1	3
gi 171286755 gb FE914735.1	3
gi 171286633 gb FE915298.1	3
gi 171286596 gb FE915279.1	3
gi 171286533 gb FE915252.1	3
gi 171286399 gb FE916323.1	3
gi 171286372 gb FE916316.1	3
gi 171286285 gb FE916288.1	3
gi 171286150 gb FE915453.1	3
gi 171285954 gb FE916758.1	3
gi 171285407 gb FE915988.1	3
gi 171285359 gb FE915415.1	3
gi 171285287 gb FE915926.1	3
gi 171284952 gb FE914593.1	3
gi 171284942 gb FE914583.1	3
gi 171284910 gb FE916737.1	3
gi 171284859 gb FE916686.1	3
gi 171284843 gb FE916187.1	3
gi 171284764 gb FE915902.1	3
gi 171284456 gb FE915608.1	3
gi 171284290 gb FE916622.1	3
gi 171283598 gb FE912937.1	3
gi 171281014 gb FE913405.1	3
gi 171280822 gb FE914178.1	3
gi 171280784 gb FE912057.1	3
gi 171280781 gb FE912054.1	3
gi 171280555 gb FE912896.1	3
gi 171280317 gb FE913073.1	3
gi 171280226 gb FE912300.1	3
gi 171280122 gb FE913913.1	3
gi 171279950 gb FE911002.1	3
gi 171279225 gb FE912247.1	3
gi 171279139 gb FE910920.1	3
gi 171275688 gb FE909768.1	3
gi 171274786 gb FE910514.1	3
gi 171279446 gb FE911495.1	3
gi 171279307 gb FE913035.1	3
gi 171286549 gb FE916554.1	3

Supplementary file 3. contd....

GenBank Accession Number	Repeat Number
gi 171286209 gb FE915512.1	3
gi 171279871 gb FE913603.1	3
gi 171287267 gb FE915344.1	3
gi 171284630 gb FE916443.1	3
gi 171284498 gb FE915642.1	3
gi 171284138 gb FE912644.1	3
gi 171287320 gb FE915841.1	3
gi 171287175 gb FE916125.1	3
gi 171286621 gb FE915295.1	3
gi 171286284 gb FE916287.1	3
gi 171284452 gb FE915604.1	3
gi 171280920 gb FE913373.1	3
gi 171280682 gb FE912581.1	3
gi 171286025 gb FE916776.1	3
gi 171284563 gb FE915110.1	3
gi 171284303 gb FE916635.1	3
gi 171284194 gb FE912664.1	3
gi 171284117 gb FE911124.1	3
gi 171283689 gb FE913199.1	3
gi 171279287 gb FE913015.1	3
gi 171276038 gb FE914312.1	3
gi 171275937 gb FE913211.1	3
gi 171275716 gb FE909778.1	3

Supplementary file 3. contd....

GenBank Accession Number	Repeat Number
gi 171274710 gb FE909720.1	3
gi 171273814 gb FE909637.1	3
gi 171287135 gb FE916385.1	3
gi 171285328 gb FE915402.1	3
gi 171284722 gb FE915860.1	3
gi 171284459 gb FE915611.1	3
gi 171283692 gb FE913202.1	3
gi 171285955 gb FE916759.1	3
gi 171279563 gb FE914076.1	3
gi 171280420 gb FE913648.1	3
gi 171280158 gb FE912271.1	3
gi 171279696 gb FE913339.1	3
gi 171276325 gb FE911204.1	3
gi 171274675 gb FE909685.1	3
gi 171279964 gb FE911016.1	3
gi 171279604 gb FE911987.1	3
gi 171284219 gb FE912671.1	3
gi 171275476 gb FE910330.1	3
gi 171280726 gb FE912606.1	3
gi 171280584 gb FE913700.1	3
gi 171287330 gb FE915851.1	3
gi 171275258 gb FE909292.1	3
gi 171280338 gb FE913094.1	3

The repeat-containing clones may originate from multiple adapter ligations during cDNA construction occurring at the 5' end of the cDNAs. Adapter sequence: (5'TCGTCGGGGACAACCTTGTACAAAAAAGTTGG-3').