FIG. 1

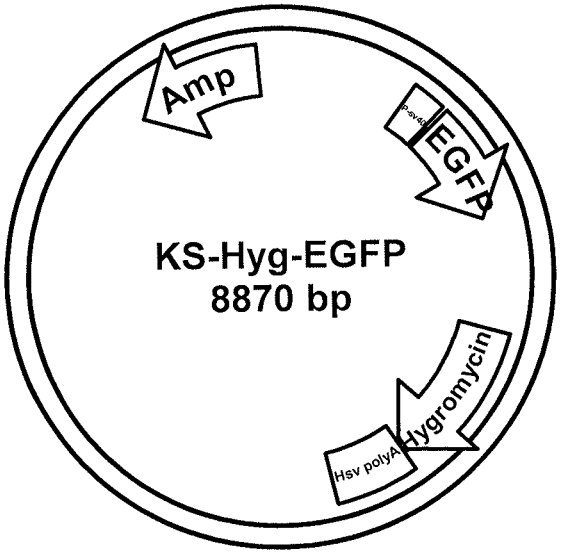
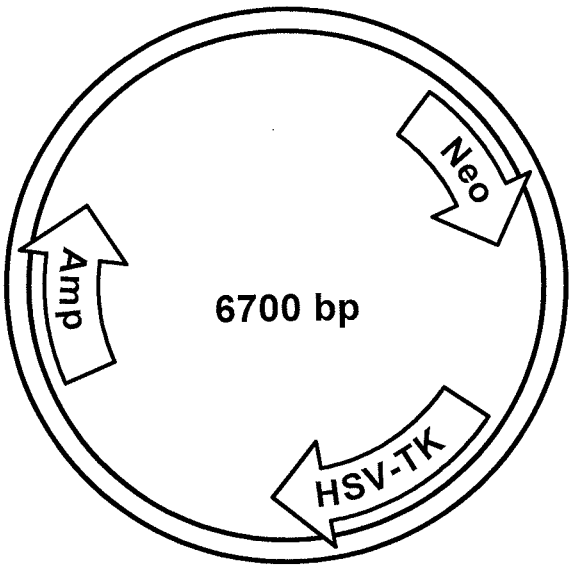


FIG. 2



attP: CCC CAA CTG GGG TAA CCT TTG AGT TCT CTC AGT TGG GGG (SEQ ID NO: 5)

GGGGTT GAC CCC ATT GGA AAC TCA AGAGAGTCA ACC CCC (SEQ ID NO: 6)

attB: G TGC CAG GGC GTG CCC TTG GGC TCC CCG GGC GCG (SEQ ID NO: 7)

C ACG GTC CCG CAC GGG AAC CCG AGG GGC CCG CGC (SEQ ID NO: 8)

FIG. 3

A native chromosomal insertion site in ankyrin 2 gene (Ank2)

(SEQ ID NO: 1)

```
5'- aaaatttctt gctttcttct aaaagcatta tctataaata tttgttgtct aaaactcatt      60
tttcccatgt ttagtgtgtg tgtttatgcg tgagtgcata ttgtcttggc taccatgaag      120
agaaatatta -Insertion- tttttccttc cagtgttctt gagtggcaaa ttacttttct gttgcagtgt      180
gacaacacca ggggcagaag gggcagagac tcaaaaagcc acagaagttc ctgactctct      240
ctgtaagact cctg -3'                                                    254
```

FIG. 4

A native chromosomal insertion site in cleavage and polyadenylation specific factor 4 gene (Cpsf4)

(SEQ ID NO: 2)

```
5'-ataaaatcaa aataatgcat cttttgaaga aagcataaaa accaatatac agaattgtga     60
tatgacccgg catccctttt gggacggcag tgactgcagg cgagaaggag gggatggcag      120
agagcagtgt gaagtgggga gggcagctaa gagacctgag ggggagccag gtcctaggcc      180
tctgccgccg ctgccatgca taaaatcatc gccagcgtgg accctatcaa gttcgacttg      240
gagatcgcca tggagcaaca gctccaggcc cttcccagga taagtcgggg gctgctgtct      300
gagaattcat tttgaaagct gcctgtggca aatgtggcat gtgtccattc cgccacatta      360
gtggtgagaa gacagttgtg tgcaaacact ggctaagagc actctgcaag aaaggggacc      420
agtgtgagtt cttacatgag tacgacatga ccaagatgcc cgagtactac ttttacccca      480
agttcgggaa atgcaacaac aaggagtgcc ccttcctgta catcgaccct gagtctaaga      540
ttaaggactg cccttggtat gaccacggct tctgtaagca tggccccctg tgcaggcatc      600
ggcacactcg gagagtcatt tgtgtgaat -Insertion- t acctggtagg attctgccct gaggaaccct      660
agggtagatt catgcaccct ccatttgaac tgcccatggg aaccactgag caacctccac      720
taccacaaca gatacagcct ccaacaaaga tcattgggtt catgcagagt caaaatagca      780
gtgcagggaa cctgggaccc tggacattgg agcaagtcac ttactataag tgtggtaaaa      840
aaggacacta tgccaacaga tgcaccaaag ggccaattgg catttctcag tggacagtga      900
caatagctgg gctctgtgga gcagcctaag agacctgctg ttggtaacaa gcacttagct      960
gctcaatgta gtgctggcag gactggctag agcctcaggc acacttgcca gggctcattt     1020
tgaggggcca tgtctgtcct atcattttgc tgtaatcttt tttctttaaa gaaggaacat     1080
gtgcttcagt tgggtccctt gagccagctt gcttggacat cagtgcctca ttttttggac     1140
tatgtgct -3'                                                          1148
```

FIG. 5

A native chromosomal insertion site in C-Mos gene

(SEQ ID NO: 3)

```
cagacatttg ttgaactact tgccagggtt attagatgca acctttgtaa gaattaacat       60
ctgtaacttt aatgtctttg atccaaatac aatcacttat agaagtcaga tcacatacct      120
tttacgttca tcagaaggga gcattctgac actgtatttg atttaaacag caagttaaga      180
ctctgtaaca taacaacaca gtgacctccc aatatccctt tccaaggcaa gttaagccac      240
cccatgagtg tgagtttgct tcaagacaga tt -Insertion- ctagactt cacagaaagc aagttcctgg
aatttaatgc agagttggag gaaggaagaa aggaacaaag gtgattgtga tgaccacggc      360
tgtaaatatc agcaagcgtg ggaaaacaga ggaaaagtca ggagaaatag acatggctca      420
gaatcactgg tacccatcta taatatggaa aagcagatgc tgaacacaaa ttcagggtct      480
ggccatcaaa ccacacattc ctccttttt gttttataaa aatgcgctca gttttatgct       540
atatctctgg gagaatgggg aagagccttg ctctgtttat tcaaaaacgt ttctcaaagt      600
ggctaggagt tactcctctt agctgcttgg taaggtgttt tatgcataca ggtgataagt      660
gatcactttt catgtgacag ctgtgtccct ttgacttcag aatcacaggt tttgagaaga      720
caataaagga gagacatata aac   -3'                                        743
```

FIG. 6

A native chromosomal insertion site in Nephrocystin-1/Mal gene

(SEQ ID NO: 4)

```
cctccagaaa gccttgcggg tcaactaaga attcggtcta acgactcacc aaccctcaac        60
actcctcatc cctcaggccc ttgtctaaac tagccagacc cacccagccc agcgcccctc       120
tcctttgaaa ttcatcactt tctcaaagtg taacaggtgt caacgtatag tcttaataaa       180
ctaaccaagg acagattagt aatttcagaa aagttaattt caaagatgat caaacacaa -insertion- a       240
agatcgtagc gattttaagt cataaccctc agtgctgagg aagactcgat gaaacaggcg       300
atgccctggt atatagtcta catttctgga cagcagtttg acaacatata gcgagcattg       360
atcctcctag gctggttgat tacattctca gcaatctccc acttacaata acttaaaagt       420
gtgacagaga tggatattta aatgtgttca ccacattttt tgcttataat agaaaagctg       480
aatatgaata aatgataggt attagtggga tggataaact aatccataga tggattaatg       540
ttatacaggg cttctcagtt cttcttttga gggaaaggat ttagtggcag gacacaaagc       600
ttaaacagaa gtttatat                                                     618
```