SEQUENCE LISTING

<110> Agency for Science, Technology and Research

<120> MODIFIED HUMAN CMV PROMOTER THAT IS RESISTANT TO GENE SILENCING

<130> P105962

<150> US 61/427,121
<151> 2010-12-24

<160> 13

<170> PatentIn version 3.5

<210> 1
<211> 20
<212> DNA
<213> SP1 binding site of CpG island of hamster aprt gene

<400> 1
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<210> 2
<211> 7
<212> DNA
<213> SP1 binding site of CpG island of mouse aprt gene

<400> 2
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<210> 3
<211> 7
<212> DNA
<213> SP1 binding site of CpG island of mouse aprt gene

<400> 3
tccgccc 7

<210> 4
<211> 118
<212> DNA
<213> internal element of CpG island of hamster aprt gene

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gccccgcccc gtcccgcccc ctcccggcct ctcctcgtgc tggatcgctc cctaagga 118

<210> 5
<211> 220
<212> DNA
<213> internal element of CpG island of mouse aprt gene

<400> 5
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cgcctctcag cctgtcccgc ccctcgtgct agaccaaccc gcacccagaa gccccgccca 180

tcgaggacgc tccgcccttg ttccccccgg gattgacgtg 220

<210> 6
<211> 587
<212> DNA
<213> Human cytomegalovirus containing functional promoter and functional enhancer

<400> 6
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caacgacccc cgcccattga cgtcaataat gacgtatgtt cccatagtaa cgccaatagg 180

gactttccat tgacgtcaat gggtggagta tttacggtaa actgcccact tggcagtaca 240

tcaagtgtat catatgccaa gtacgccccc tattgacgtc aatgacggta aatggcccgc 300

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gcggtttgac tcacggggat ttccaagtct ccaccccatt gacgtcaatg ggagtttgtt 480

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<211> 204
<212> DNA
<213> CMV mini promoter

<400> 7
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gggaggtcta tataagcaga gctc 204

<210> 8
<211> 376
<212> DNA
<213> CMV enhancer

<400> 8
tgacattgat tattgactag ttattaatag taatcaatta cggggtcatt agttcatagc 60

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aacgacccc gcccattgac gtcaataatg acgtatgttc ccatagtaac gccaataggg 180

actttccatt gacgtcaatg ggtggagtat ttacggtaaa ctgcccactt ggcagtacat 240

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ttagtcatcg ctatta 376

<210> 9
<211> 3960
<212> DNA
<213> nucleotide sequence containing hamster aprt gene

<400> 9

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gttacttcct gccaaaagcc agcctccccg caacccactc tcccagaggc cccgccccgt 240

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ccctgctctc aaacaccagg gggatgaaca gcaagggcaa gacacatata cgccaagctt 3960

<210> 10

<211> 3066
<212> DNA
<213> nucleotide sequence containing mouse aprt gene

<400> 10
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cctccccaca ccctctcctt tgatggagca tgggccaatt tggaggatat cttttgagta 120

attgcaactg cactgaagat gataatggcc attatactca gaggacagtc tttccacacc 180

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gtgtctgtgg tctcagagaa ggcattcctt acccgccctg ctaccctgct ttcccctgcg 360

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cggtaatttc aggaaagcag gggctgaatc tcaggccctt gtactatgcg cgagggaagg 480

aacgcaaggc caaaccactc cagcggacct gggcaagacc cgtccctgct cccccaggtc 540

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aggatggaca tcgcacatcc cctttccacc catatatctt tgaggtaggg atgcttgtgt 660

agctagatgc tgcatttgaa ggtggcaaga ccaccatagg tggccctgag ctgttcagaa 1980

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ctttggtcag ctgatccgcc gtgcctgtgg acccctggat ccttgtactt tgtacacgtc 3000

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gcatgc 3066

<210> 11
<211> 543
<212> DNA
<213> cDNA nucleotide sequence for the exon regions of mouse aprt gene

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gcttccatcc gcctcttggc cagtcacctg aagtccacgc acagcggcaa gatcgactac 180

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cagagagtgg tcattgtgga tgacctcctg gccacaggag gaaccatgtt tgcggcctgt 420

gacctgctgc accagctccg ggctgaagtg gtggagtgtg tgagcctggt ggagctgacc 480

tcgctgaagg gcagggagag gctaggacct ataccattct tctctctcct ccagtatgac 540

tga 543

<210> 12
<211> 70
<212> DNA
<213> artificial

<220>
<223> forward primer for internal element

<400> 12
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gccccgcccc 70

<210> 13
<211> 68
<212> DNA
<213> artificial

<220>
<223> reverse primer for internal element

<400> 13
tccttaggga gcgatccagc acgaggagag gccgggaggg ggcgggacgg ggcggggcct 60

ctgggaga 68