SEQUENCE LISTING

<110> LONZA LTD
BABRAHAM INSTITUTE ENTERPRISE, LTD.
PFIZER, INC.

<120> SSI CELLS WITH PREDICTABLE AND STABLE TRANSGENE EXPRESSION
AND METHODS OF FORMATION

<130> LZA-124-PCT (LP2657USP00; PC72552)

<140> PCT/US2019/054045
<141> 2019-10-01

<150> 62/739,546
<151> 2018-10-01

<160> 155

<170> PatentIn version 3.5

<210> 1
<211> 572
<212> DNA
<213> Cricetulus griseus

<400> 1
cgtgaagaga aacttcttta ggtaactcgg agaatacctt attgtttggt ttctttgaac 60

agcatttcgg gtttgttgat tatgcttgtt tatttcacca ccccaacttt tatatgtgta 120

tattcacatg acgtttttg tcacagggtt cttcaatttt ccttaaaaat cttgggaata 180

atatggcgct ggtggagttg tttcaaaagg tcattccttc gagccggatt cgaaccagcg 240

acctaaggat taccatgact aacctacagt cctccgctct accaactgag ctatcgaagg 300

aagacaatag tgctttcttt aaggcttata aagtagctgg tggatttgtt gcactgcctt 360

tgattcattt taaaatggac gatatggaaa tgtttttgag gtactagaat attttaaaag 420

taaattagct agtgaccaca caacaggtat ttaagaacat gtttgagatg tgtgcttttc 480

aatgtatacg tagttcacat agattccccc tccccccgc cccaaaatgc tcctagaaac 540

gttcatgcac tgaatcctta cagaccagat ca 572

<210> 2
<211> 459
<212> DNA
<213> Cricetulus griseus

<400> 2

acagatgtcc atgctaacag cattttcctg gttgtatata gacaaccaca ttttttgagc 60

cttttatcac agtgggggaa gcaattactc acagaaactt tgcttaaaca aaactgacca 120

attagtcata catatgcaaa gtaaataaag gagtaaaccc tgagagaatc tgcctggggc 180

acaagggtct atttctaccc ttaaggccca ggtctcctta agcactcttc agttactgta 240

gtagccaaag gtcaagccag gcagcagcac caggtaaatg ttgttaagtg tgtggatttc 300

ttccccaagc cctctcactg tctttgcaca tttgggtggt aactctcctc tgtcaaaccc 360

ctgctactat gcctgttcac cccacacttt cattcagaaa aacaggtgtt cctgttaaga 420

tcagctgtct caaactgcca aatagctcag atccctaca 459

<210> 3
<211> 618
<212> DNA
<213> Cricetulus griseus

<400> 3
tcacctctag caaatatgta tataaatata tgcgtatata tatttcatat tctacttttc 60

agttatcagt atctgagggc cgcctttggt tgctctaact cctggtgtcc tcggcacaaa 120

tgaggtcctg actagtaaaa taacacccat ccattgaaga aagagggagg gggaaggtcg 180

ccgccattct ctcctcccag atggcaatct cgcagagcct cttcctcccg ccgagcgggc 240

tgagctaagt ggacagcccc gcctctgctt ccccgcgccc ggacttgtca gcagctgcgc 300

gcttttgcat ctggcgccag ttttgacctc ggctacgtga ttggtcggct ccgcttcaat 360

caacgtcaca agtcccaccc acccctcagt cctcgctccg gggtcactcc aggagctggg 420

cacgtcagcg ttaaggcgac cggaggtggg gaaagggagt ctggtgagat tgagtgcttc 480

ctgcaaaccc acacagcagt ctgcatcaga ctgacaaaaa cgcaggcaca gcacccacag 540

cccctgcaca gccgtaccag gtcatgcaca tttttaatcc agatggaaag ggaaaatagt 600

atttttaggc ctgtttta 618

<210> 4
<211> 555
<212> DNA
<213> Cricetulus griseus

<400> 4
gtcgctgtgt aaaagttggc ggggaagccg agtcggcggg cgagcacccg ctgtagccgc 60

cccgccccgc cccgccccga ggatggcgtt tggagcagcc tgggctccac agcgcgagac 120

aggccagccg gggttctaga catacgtggt cccggtgcaa aaaattaaaa gataaccgaa 180

ctgacgcaca gactgacaaa ataatctgaa actgactcta gacgtgcggg caaaatctca 240

ctgttttcaa cctgaagatg actccttagc tgggtgagaa ttgaggggaa ggttttccca 300

tcagactcag atattcacaa gactcttcga aattgaatgt actccaaccg tttttatgaa 360

gcccaggttt gtgtgtgtgt gagagagaga aagagacaga gagtgttcct tccctattca 420

aaaaacaagc atttaatgcc ctatgtacgt atcaattaca catagtactt ttcattgtta 480

cattttcata tatggatatg tatgtctcct ctaccctaaa acctattcct ctttccagcc 540

agacctctgt gtgtg 555

<210> 5
<211> 476
<212> DNA
<213> Cricetulus griseus

<400> 5
tgctctctct cacatagccc agctgtcccc tttgcttggg agactttggc tagtcttatt 60

cctccctgga ctcacattac ctctagctac aacaaagctt cttggcagaa gcccacaagc 120

aggtcttcag tgcaaagcat cctgtggttc cttctgctga ccctacagtc cctggaggcc 180

ttgcaaatac tgcagacaaa gccagctgca gctcagaact gcctgcctgt tctatagagg 240

cagcctatgg aactgacagc ctctgcagat ctgaactgca gatcaactca ggagccctga 300

aacctgactc caaatacagc agcagatgca ctgccaaaag gaagtgcggc ggcggcgttg 360

tttgctgaag gtttccattc tcccagcctt agcccctgag tttaactagt ccctcaggag 420

gccacagaac aaaagtgacc agtgcctcct atgacagcag tctatccttc taggac 476

<210> 6
<211> 1134
<212> DNA
<213> Cricetulus griseus

<400> 6
tagtaaagaa gtgaagaagt gtccaagcat tgaactaagg gacccaaact cgaacacata 60

agcacacaac ctcatagcaa gggtagtacc gtgtcaccac cacgcgtggc tcaaaggtcg 120

gggggtaaga tctacctgcg ggacgcaaat caatgggtga aaggttaaca ggaagtggct 180

acaagactag aggttcttaa tgtgtcacag catgacagag gaggcgttac taaaatagtt 240

ttctcaacac cctctcagct ggtaaagcca taaagagtct gtaatatctg gaagaaaaca 300

aaaacaaaaa caaaaacaaa gcatgattct cagggttgct gcccagacag cagccacaac 360

gggagataac aaaggcgcat gcgcggcatc cgggtttccg gatgcgcgcc taaggccgac 420

gtggcaaagg ggtggctccc ccagtcctac agcatggggc ggaacttccg gggacggcac 480

gccagctccc tcggaaccgg aagtggagcc tgggatcctt gacgttagga acgaagtcga 540

acctggatct ggagccgggt gaggagtggc atcgcgaggt tgcgcggtgg ggaggaatgc 600

tgaggagagg ccagggtatt tctggtctgg ccgtggtccg gttttagagg aaagggagga 660

gcctggaggc ggggtctggg aagagaccct cacctcccgc atccgtgacc ggcgatcggt 720

cccagacccc tcccttcacc tcctggccca ggttccggct ctcgcctcgc cttcccggaa 780

tgttgaaggg ctttagaagc ttggtcttta ctgcttaatg aaccggccct catcgtggcc 840

ctagaggctg gcgtggcttg ctgatctcga tccctggagc tcccaagcct ctgcatctcg 900

ggtactttca gagttctagg aggcttgccc cgccccttg ggttgtcacc ctcgactgtc 960

cacctagaat ggagtcaaga ttggagtttg actccaagct tattgcgttg ctctctctct 1020

tgacctgagg aagttaaagt gagagggacg tctcccaagc tcactgtcag tggcatgtgt 1080

aaggtttagg gtttggaagg acagttccta aaatggcttt gactttacag agtt 1134

<210> 7
<211> 1120
<212> DNA
<213> Cricetulus griseus

<400> 7
gtagagaggc ctccttgctc tctagctccc tcccctccac agcctctgac ctacacaagc 60

agctgagggg tgggggtggg gagatggaga ggagagagga aatgagaggg gtgaggagag 120

gaggcagact catgcctggc ctcactcttc tggctttgct gaggagagga tggcagacag 180

gagagctgtt aaggtccagg acagtctcag gagcccatca agtaagctca agccaagctg 240

gatgataagc caggccagct ggggatgttt gcttaagaga tgcttgccag ggcagtcgag 300

ccagaggaaa taaaatgtgt ctcacagaac ctcggtaggc agggaaggtg tgtctccccc 360

gccccccccc ccaggcctaa ggaagacctg ggtggctgac tttggtcttg tccagctgtg 420

gagcagaggt gagccaaagc ctgaggtctg tatggctgag aggaagagct cagaagccca 480

gcaaggatgg tgaggtctct caggggggcaa tcgccggcct cttggcactg ataacaagga 540

aactggttta ttgctggatt ttgttcggat tctctccgaa aaccacataa gcctcttcct 600

ccccacaggc cctcagctgg catagtttcc catggccact catcaccctg tgccactgta 660

acacctggac tcttgtttct ctctgattcc caaggcttct gtggcaagga gtgacatcca 720

cccagtacct ggcctcaggg ctggggaacc cagggcttag agccccaggc ttcagcttca 780

ggaagtttcc cttgcctttg ccttggaaag cattgtctaa aggcagctga gattgtgcta 840

tggtgctaca tggaagtgtc gccctcttca ggcccagctg agagatgcct cgatagtcac 900

tagtacttcc agaggaccca ggtttgggtt acaacgccca catggtggtt tgaacactcc 960

tgcaaacaca tcagttgctg cctacactct gggctgctaa aacaaggtgt catgtcataa 1020

ataacagctg ttactgaacc aaggaatctg tgatcaaggt gagggcctgc cctccttgat 1080

gactttgatg tgtcctgaca gggtgcaagg ggccaagcct 1120

<210> 8
<211> 426
<212> DNA
<213> Cricetulus griseus

<400> 8
gttcggctcc gggacctcgg ccgcccgagc cgcctgactt gcccgcccac cggcctggct 60

ttccagtgcc cgcagcctcc ctccgaagtg catggacccg gggcggtgac cgggagtggg 120

gtgggaggcc aggctggggc gcaggccaga gcggccgggc ctccgggcgc gggagggaaa 180

gggcgccccc tctcctctct ggaacgtgtc aatgctttgc acttggggcc ggcatgaggc 240

tgggggcct tccccaaggc cctgggaccc gggcgccccc tgcctcgggc actttcggtg 300

ggtcagatcg gccctccagg ctttccagcc ctcgcccagg cagtggcccg cgcgggcggc 360

ggggtggggg ccaggccagg gggaggggtc tcggggcccc cctgcctctc attggttaat 420

atttta 426

<210> 9
<211> 383
<212> DNA
<213> Cricetulus griseus

<400> 9
gaggtgggag ggacagcacg attcacaaac aacataattt gtggagcttg tcttagacag 60

gatagcacct gaatggaaag agaggcttcc ctttagagcc tggaaaagag cttcattaag 120

aatatgaatg agggggctgg agagatggct cagtggttaa gaatactaac tggtcctcca 180

gaggtcctgg ttcaattgcc atctgtaatg agatctggtg ccctcttctg gcctgcaggg 240

acacaagcag acagaacatt gtatacataa taaataaatg ttaaaaaaaa aaaaagaaga 300

atgagagagc aatgagtaga gaggcagaca gcatggtggg tgggggaggc agctagaggc 360

agacctcaga acatctctcc agc 383

<210> 10
<211> 1562
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (616)..(903)
<223> a, c, t, g, unknown or other

<400> 10
acagagaaac cctgtctgga aaccaaaaaa aaaaaaaaaa ggaaaaagaa aaatcggtac 60

agagactgag tcctaaccac taacgaacag cactgactat gaagtctttt tcccccaagc 120

caaatgagtc aactaacagt gaaatagaca aatgccttca gttccctgaa aacccttggg 180

tccaagccca gtgagtgaac ttcacctcca agtccctaaa ctcttgcctc gcatgaatat 240

tagcataatc cctaccaccc gatttcagat ttcatcaggc caaactttaa aaaatctgta 300

agtgatctca gccctgcagg cccatccttc taccaggcca atagagggga aaccctgaaa 360

tctgaacgcg ctcccactat cactaccaag cgaggcaggg aagtggcaag ccgggtcggg 420

tgctagccac atcccgcatt ggaatccctg tccttgtgtg agctctcaat tcttactctg 480

gtgcgtccaa aacactctct tgcccctgac agttccagcg accatattta ctcccaccgg 540

ggacccccag atacggcaca actatttgtg agccctggcc tgaggcagac cctcgtggct 600

cctcttcctc atccannnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900

nnnccacctg gagccgccaa aggggcgggc acctgcgggg gtgggcggag tcttacgtca 960

ctcgggtttc tgtccagtag gatggcccga ggtcctgtca gtctgcggca ccgccctctc 1020

acgcactggc gggggcgggg cccgctgcgc gtgtggccct ggaagagggt aaggcctgat 1080

ggaggaggcg ccaccttgag gtcaagctgc taggtggggc ctcagggtca cccctccccg 1140

ggtgggtcgt cgcgacctgt gcctgagcgg agccggacgg gggcactgtg tcttcaggtg 1200

atggatttcg gaacacccac gggtgtggtt gggaaagacc cgcgggtctc taggtagaga 1260

tccctccggg gcaggcctgt ctcttaggtt agcctgtttc atctctgata cctgccagcc 1320

ggtgcctcag gcttcctctg tcagctgtct tccagtctca aggttgagaa gcctgccggg 1380

ttgccttttg cacagtcaca agtgaaagaa gaaatgcaag caaaaggggt tggataaccc 1440

gaggttgtgc taaatgtcac agtgagaatg ggtctaggtg aggaaccaaa aattaagatt 1500

aataaaagtt tttaaactta ggccctgaaa agagaatgtc caaggaaaat ttaactcctt 1560

at 1562

<210> 11
<211> 2319
<212> DNA
<213> Cricetulus griseus

<400> 11
ctaaacagag aaaccctgtc tcgaaaaaac aaagcaaaac aaaacaaaaa cttagaggaa 60

tgctgcaggg ttgtggttat tttccttcaa atccaaatct gtttctctcc ctttcccctt 120

ttcttctgtg tcttgggctt tcatatagtc ctgagactct agacaatgtc cccttggtca 180

cagatgtccc ttttacgagc aggggatgaa attcacactt gttattttgg gtgcttcacc 240

tggaagtcag gttttggttc atgctatgaa agagccttgt caaagaacta catgcagaga 300

cctggccaac acacctagat tcctggtcca taaaataggg caatttttac ttttagtgac 360

gccttatttc aatcatgcaa aagagcttca gtttggagtg ttagattcta atgaaacctt 420

gatgccaaga ctgataaaaa aaattggcta gaaaacttgg cagaatttct cagtcagcca 480

tctgcctagg aatgaccttg ttatcaaggc caataccaaa aaccaccctg gatacaaggc 540

agcagtggga cccctctggg aaaaggtctg gtaagctcat tgtagagccc tcagacagga 600

gacacttcca ctgcgaaggg attgtctttg cttcttcctt cccacaaaag catacttctg 660

atgcactttg tttcttggga atccggggtg agaaactcta aagaatgtat agcaggcaca 720

gacctgtgtc agcctagagt gagatgggga agggtgggcg ggcctaggga gagggttgcc 780

aacacaaatg tcttatgggg acttggaagt tttgccagga ggctgacagg gatgtgccct 840

tgtctacaga aggtgcctgg ttccccctgg tctaggctga ggaatctgga gtcatgggaa 900

agggcagaga aaactgctgc agggaaggac tagaatgcaa aagaactagg cgaatgccaa 960

gggactactg gaatttccca ggacctggga ggtgagggtg agaagccaga gggccctcag 1020

aggaaaagga aggggtgggg gtgagttcac cgtacctcta ctcagttcct gattactgtg 1080

ctgggtagaa gggatcctct ggtgtctggg gcagaaggtg agtatggagc catggcttga 1140

gaatttcagc acaccaaatt cactgtacca tctgcccaaa ggttgtgggc atccgatcaa 1200

ttcacagaca atgcaagaca cactggagtt ggaggtggcc cttccacggt actccattct 1260

aactacactg atggccactg tcttccctgc ctcagtaaca caggcattga ggttcactag 1320

tacttaggct tctcatttta actttcccac cttttctaag tccccaggtg gattgggtga 1380

ctttgtactt ccagaaagag ctgcatgctt gccttattgt gtaacatccc atcgtgttgt 1440

aatttctggc tcacatctcc atctccctgc catctgcatt cctggaacag gaactgttct 1500

tgtctgtctg tcatggccaa gccaaaggct ctcactgagt agacagatgc tcacataccc 1560

acaaggatca ctccagcatt gagtatccct tagggactag ggtcaagaga acctagtact 1620

gtgtacctcc tatccaatgg gaatgcactt tgccaccgcc tatccacact gccatctccc 1680

aagaagctgc caagaatggc ctttccaact ggcaaaggga tatgctttcc ttcctggaag 1740

gttttggctg gagaactgcc ccttgcttct aagttgctgg ggccacacaa ggatgaagtt 1800

gtatcagccc tagccttgtt accgtttccc aaagcttgtg tcatccacct cttatcttct 1860

ccaagaacat ctggcaggga ccaggtttct ccaatcctgg gtagtagaga tgaggggtgg 1920

gattggctaa tgcctctggt cacctggcca cctttagctc tacttaacca acacaaatct 1980

acagtccacc acattgaaaa aagaacatgc ctagacttgg tatgatgggt gcttgctgtt 2040

ttttttttt tttcttctag agagagtttc tctggctgtc ctggtactca ctctacagac 2100

caggctggct tcaaactcag atctgcctgt ctctgcctcc agagtgctag gattaaagga 2160

atatgccaac atgtctgact aggagtgctt gcttaacatg tggatggtca gttcccaaca 2220

cacatgcaca cacatctata aagccccaat ctgaacaaaa ccttaacccc cttcttaggc 2280

aagaatggct acttcacagc cttccccaca gcccaggga 2319

<210> 12
<211> 1501
<212> DNA
<213> Cricetulus griseus

<400> 12
cgcactaccg atcctgctgg acgacgtgcg ctgcgcgggc agcgagcgca acctgctgga 60

gtgcgcgcac gctggcgtgg gcacgcataa ctgtaagcac gaagaggacg ctggcgtcga 120

gtgcagccac caagacccgg acctatagcc aggcgtcacc tgcctggctg tgccaccctg 180

cgaagatgga gccgagaatg gccccttcgg tctgcgggca ccctgtgcag cacgcacaaa 240

ccatggtgaa gggcccaaga gacggttcct cttcatgtga cctctgtgtc tccctgtgtg 300

tgtgtgtggt ttgtggataa gatctcttat ctctcagcac tccggagagg gagagcgggg 360

gcagggacta ttcaggagtg gggtggggga ggctggctgt ctttacagtg ttagactagg 420

gaaggagtca ggcgtcccct gccagggctg agtgacaggc tccagaccac caagagtgca 480

gcctgagaaa cagggccaga gcgtaggcgg gtgacccagc agttccaagc actgcagaaa 540

aagaacaggc agtctgaaag ccacagcgga ggatcttata gggtcagggg gcctgtggcc 600

atttgcagcc catcagggat gaggctgctg aagggaatta agagcccatg agggaaagca 660

gactagaggg cctggaggac cttggaggcc acttgctgcg ccctgcaggc accctggaaa 720

ggctactgag tcccctccat ccctgaagcc tgaccattgc gtattcctga gacagaagca 780

cccttaggct cacactcggt ccctttggcc tctgggcccc agttgggggg atgggggtgg 840

acctctactt tcatcctcta ctgtctccat cacctcccag gggatcctca gactcccagg 900

ggatcctcag attcctccgc cagatctgtg ggctaagaag cctgtgggac ctcaagacta 960

ctcatctcaa caatttgact atttgcaatc cttcctcctt ttatcaccca ccacacacct 1020

ggaagctggg atgccaggtg agggacagag tgaagagggc ggggccttca gcttcactcc 1080

tgccctgtgg gaagagcgcc ttgctcacgg gaggcctcag ggtagctctg gatagttgta 1140

atttagcttg agataggggt ggagccatga aaacaaatga gtcaccaggc agggaggaca 1200

ggacgtgacc tgtgtcaggc agttgtggcc agggatctgg gttaggtttc tggcccaacc 1260

tttgcaggaa aatgtcattc ctgcactgag ttctgatctg aagaggcctg tgtgctgttg 1320

caggcaaagg aactggtgca ggctcaggct gtgtgctgtg tgctcctatc catcactgct 1380

gcgaggggaa cgggagggtc gccctgggct gctctgcagc tttggaggct ggttgttccc 1440

ggaaataaat aagaaagtta ctgaactgtt aggaaatgac aggaaaggaa agcatcgctt 1500

c 1501

<210> 13
<211> 662
<212> DNA
<213> Cricetulus griseus

<400> 13
catcagtaga gtgggagcca gatgggtttc ctcctcagat gacagtcagt agccctggaa 60

cttctgactt gtttctacaa ttgcagtaca acactaagaa aaacttttat tctctgtaac 120

tagatattgt gggccaagaa aaccagcatt ttttttttt aaccttacct tggcagttgg 180

caaatgaatg accatggtga ccccgccctg cagagcacat gatcagccac agctgtgcat 240

gttttttagg atgactgtgc caggacagag ctccaagcca ctgggtggag caatgtgccc 300

ctgggagaag gctcatgaca tttcccctat gatttcagaa aagaaaaaaa ttcctctttt 360

ttgcttatga gttgtttctg cacaatgtca acagaaaatt tccttgtgtt tatgcatgtc 420

cacgcatgaa tgtggaaaat gtcagcctct gctacagcgg gataaataca caccacattt 480

gacctcagag tgaaggtcaa taagacacat accactagtt agctgctttc ttaacctccg 540

ctttttgctt ttcccttcat aacaagtcta attgtatttg ggctggtaac aaatccaacc 600

aaatgacaat tcctcagctc ctctcagcga ggtagactcc agccaatgag accagaagtg 660

ct 662

<210> 14
<211> 685
<212> DNA
<213> Cricetulus griseus

<400> 14
cccctgaggt gctagggtgg tgatttcagc ctcccacagc tcttagtggg gctggtctag 60

gggcaggcgt ggtgtttggg gtgctggtgg gtatgcagta gcagcttgag agaacttggt 120

cttctcttga gcccttcctc atagccttcc agagtcagct ggtcctactg caccagacca 180

gtagggctgc tcactatgac agtccatgcc aaatggctcc ctgtgagctt tcctcggctc 240

tgaagccttc tactgtatga gtcatactta tcctgtcgca gccctagagg ctactggaga 300

ctcattttat ggatttggtt cagcagcatg ttttgaaggc atccaggatc ttccatccca 360

gctgaataga cagctgaccg cagtgtactc agtggttaag tgagtgagtg ccctgttttt 420

ctgccagagt gggagcaaag ggtgaggagg cagcagatgc ttcaggtgat cgagcagatg 480

gaatagggag ggaggagatc cacagcatga ccttgcttgg aaggttttct gaggtcaggc 540

agaggggtga ccagtcaaga ggtgcagatc ttctcattag tggatgagtg tggaggttga 600

ttactggacg tgaggtgata tggagcctca tgtcagccac ccactgcggt ttcccagtta 660

gctggctgag gtcctggcct gaagc 685

<210> 15
<211> 909
<212> DNA
<213> Cricetulus griseus

<400> 15
aaccaaatta aattgtgtgt tgtgtaatag ggcaacttca aaaggaagtc acaaacttct 60

ttagatcccc aaagatgaca cctcaagacc agcacccagc aaagctcagt gctctagccc 120

ttcccaaccc tcaaccagcc acccttcagc ccagcattga ctatttagaa aggaccaata 180

cactcactct tccaattgag ctttataatt tattattcct gcattaatgg tctagtacca 240

caagatagct atttctcaca gtacacttcc acaggctatc agttccacca cccttcaatg 300

cacaaatgaa gccatcaagc tacccggcag tgacgttggc acaggttgct gctttttaag 360

gaaacaagag cttatccctg gcgccaggcc agaagtgatg attcagccag ccccctcttt 420

ccctggcagg gaggagcagc aagcaaacaa tccatgacta aggttttgtg caatcagggc 480

tgacagctgg aagtgtggtc tcagtagtag tgttccttcc tttctgaccc tatctgggtt 540

cctgctgtca ctttcccaaa tatagtggcc agatgctgat gtgaagccaa aagctggtag 600

caagacccgc agagaactct gaactcccct acaatgttct tgccctggcc cccacctcat 660

ctgctggcag agccaaacaa gagtcctgcc tgggccgtag ctgctcagaa atcaggcact 720

ggcctgaaca gagcactttc actcacatca cgaggatgca cacaaagcac ctagacaccc 780

aagaggtatc acaatcccaa tttagagagg ggaaaactgg ctcaacagga agtcacaggc 840

tttcccaatg tctcagcact atgtgacagt aataatgagg ctttgtcaga gcccttgctt 900

agtaacaca 909

<210> 16
<211> 1370
<212> DNA
<213> Cricetulus griseus

<400> 16
cccctcctct gtgtttttg tttttcttgg agccactgtt atgtacccat gctcattcta 60

acctccatac attctctcct ttttataaac acatgggggc ttaacaacct tcagtgactg 120

cccatgcttc ttggtaagct ggcctccaag gggctcagga acctttaggg gatggattta 180

ctgctggggc ccatgtaagg atcctggttt gactgcaaag gtagctagtt tgattcagcc 240

ttaagcttga cctaattctt cagagaaagc gtccactagg cattcctaca ttacacatac 300

cagctttccc aacctgtaag ggggggttgt aggtcgtggt tgggacgcca agtctcctga 360

gggcaatata gcctaggcgg cttagtgagg ttgaaactag ggtctcgtct gtgtgccacc 420

agagaagcgc aaatccagcc cagagtggag gactggcagt tcccaccata ggcacctccc 480

ttagtagttt cgtgctctac gctcctcctc tggctcctcc catctccctt cctgatcgtc 540

cacgtccttc cttatccacc agtcccattc ttccagtccc accctctccc tctagtccct 600

cctccctcca ccctcctccc cgcctccctc tcaggctcca ggtctccggc aaaacccggg 660

gcagatctta ggcccgaata cgacttgcgc acgcgcagga gctgcgccgg ctgggctggt 720

ggttcggagg ttcctggctg ctccgtcccg ccgccctcca ggcctcggct cctggttggg 780

accgccgcgt tgagtaagtg cccggctggg gccccgcact gggttcctgg ccggagggac 840

tggctgggtg attagcccgg tctgcacctg tccgggtctt cgcgtctgct catatcccct 900

gcttgccggg tcctctgctt gaccaggtcc ccgtgtctgc ccaggtcccc tgcccagccg 960

gcgacagcct gctaccctgt ggctgcgccc cacttgcacc tgcggtgagg tgtgtgcacc 1020

ccaaggatct gcgtacactt gtccgggatg gtctgcacct gcagcctcct ggcgggccgg 1080

gcagtctttg gctctcggtc cctcctcttt tccgttctgg agcctggctt gggctgcact 1140

gtgcgccacg cccctcgcct acaatgctgc acctggaact gggtgcacca tcccttagcg 1200

gcccagtcta gcggcccagt gcctccaacc cagcccgact gggcagtttc cctggaatga 1260

aatctttgcg ctgtaaaact ccagtttgcc tccttgcttg acagcttggg cggagaaagt 1320

gtcacacagc actaggcctt tgatcttgcc tttctgttgt agcctctctt 1370

<210> 17
<211> 2683
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (168)..(671)
<223> a, c, t, g, unknown or other

<400> 17
ctgtatgcag ctgccaaaca cggtcctggg acagacttta tgggatggcc acagtgatgg 60

aaggtcagag gcccaggaac gcaacgggtt ccagtgacag ccaacggagc acagagtcca 120

ggcctgggct agatgacagg aagggaaggg ggcgttccgg attaggcnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 600

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660

nnnnnnnnnn ngaccctacc agctgtcacc cattgtggca ccgatgctgg tggcgcccag 720

gcgtgacccc gcccccgccg gccgtcaccc agccctgtgg cgataatcga ttgtctgtag 780

gggcagcgcc gccgctcctg gggctacgaa ggggaagagt gggcaccacg cctggttccc 840

tgacctgcat agtaggggcc taggcatccc ccacgaaggg agactgggtt gagggcctgt 900

ctcctctggt ccagggccag catctccttc ctaacctgac cagaaggcca cgtgctgggg 960

gtccagggtg aggctgtagt tatgacaggc caggaactgg gtgaggggtg gggtcctcca 1020

gtccccagag cagcaccatg ggggaggggg ggctctgctt acctcacttc atgcccatgc 1080

acctctgtgc ttctctctcc cacacataaa ttcatgctcg ctagtccttg gtggggccca 1140

ttccaagacc tgtaacttcc aaggctctct atctgagtca tcccaatgcc cagcattggt 1200

cctccaaccc ttgggtacaa ccaggcttgt ggccttctag cccgattccc acctttctaa 1260

gagtgccgga ctgctgagaa gctggcctgg gtacctaccc tgtgaaaaac caaaggagct 1320

gagggttgtg aaagcagagt ggtgtggaag tgggtgaccc aaggggctgt ccccggtggc 1380

ttgagctagg ccctgtttga aggaagaaaa aaggcccagt tctgacacca gaggccttgg 1440

caagccttgg atggaggttc acacctagca ttggtaccga gtggaccccc agagtactag 1500

accagagtgc agtgggcaaa gcaaaagcag ctggcagatg ggatgagctg gagtctcctg 1560

gcgggggacat gccccgccca agactgatga ggctggttgg gaggggctcc cccaggagcc 1620

ttcctagaga actgcctccc caagctcatc tcagcaggcc agacaaagcc tgctggggac 1680

acacgctgcc tggccattgt gtaagggaga tggaaggggc cagaggctag gaaggcaggg 1740

actgaggcat cccctaggcc tcaggaaggt cctccaagtc gcttgtcctg ggtacctcct 1800

tgccgggatg gagaccaccc cccttccttc aggcctacat ctgcccatct tctgaggtca 1860

gttaggagac agcctcacac cagccctagc cccaggccat aaggaagaga tcactgggtc 1920

aaagcagatg gagggagccc cagaagggtg ccagagttcg ggtgtttggg ctaggcccca 1980

gggccctcgg gaagcagcac acagtgcctt cagtgcccag tgtggttggt tgtacagggc 2040

ttaaccaggt ctctttctta ctccactcgg ggtgaggggt cagatcagca gtctgtgtgg 2100

aagaaggttg tctctctgcc ctttgcaccc acacgccttt ttggggcagt gatgtagatt 2160

ctgtcggctg tgcctactca gaattctcag gatggaaaaa cctcaagctc ctcattctca 2220

cgaagaggtg ggcacagctg tagcatatgg cgtcacatcc ctaaggaata tttgttgagc 2280

ctcagggact agaaaaagag ggggacagag ccccctcccc ttcctcgggg cttctccagg 2340

gacacacagg ttatgatggc gtgatactca gacagattgt gaataggaag taagacctgg 2400

acttccccag agaatgtacc ttcccagtgg acaagttgag aggcggtcta agaccaacta 2460

gctctgtttg gcattggggt gtggcccagg ctaaggctgt ctgtggtctt ccagagatgc 2520

cctggactgg agataccacc tgtctgggtg gatgctgggc tgagagctgt ggctgtagca 2580

gttggagcag ggaaggtggg tgagcacagc ctggaagctt ccttcagtca agcaggagcc 2640

agtagccact ttctgggagc cagaactggg aggctgctct tta 2683

<210> 18
<211> 1262
<212> DNA
<213> Cricetulus griseus

<400> 18
atactataaa ggcaagaaat gagagatccc gtggggatat ggggaggatt tttaagaagg 60

caaagaagaa tgagcgtgaa cggttatcca tcgcctccac ggggttaaga aagcctgttg 120

gttgtggtgt cctggggttg ggggtggagt gggaacgggt gtcaaaactg cagcgctaac 180

cctgagaaac aggactcgga gcgctgtggc aagaaagcac tagcgaagct aatctataat 240

cgtcctaagt gaacggcaca cacttccctc ctccaagaac gaaggcacgt ctcccagtcc 300

agacccccaa acggaccccg gtcctccgag cgaaggtctg ggtgaggggc agaatggaga 360

gcaagggtga gtccctggcg ccgcaggcag ccagccacac agcccgtcca aaagccaccc 420

accgtggggg cacgctggac aggtccacca gccccgagca gtgcccacaa gccccgacaa 480

gccccggcag agcagctcgg tcctcgctcc ctcccgcctg ctctccccgc gtccggggca 540

gcaccgggcg gtcggctcgg ggggtctcta gacccccttc ctccgcgggc gaaaacccgc 600

tccgccaccc agcaggacct tcccggaatc ccactcccct cacctggcgc cagccctgcc 660

ccagaaggga tgaaggagac ggcggccgca gcaggtgctt cccacagggt ccgggagcgg 720

cggtggctgc ttcgcaccgc ggccctaatc taccgccaac gccatgttgg acggtgaggt 780

cacccctgcg cgcttccgtc acggcccgcg tgggggagcg gggctggggc gcggcgccga 840

gccggcagtc cgaggctcgg tccgctggag cggaagcggt gaccctgctg cccgctggtc 900

agtccgcgca ggcgtgacct gcgtacggag ctgtccctcg gcctctcttt gcaggagccg 960

ggggagaaat agattcctgg acttcagaaa tgccttcgct aagtcatttc cggtgccgag 1020

tagcgctaag atgaggtaga caccgcccgc ctgctcagcc cggtgaggaa cgagcggctg 1080

gtggcgtcgc agacctgtgc attccgggag tgcccaagcc cgcgcgggtt acctgtcagt 1140

acagcaatcg cgggcgctgc cgggttcggg ctctcagcca cctacctgcc aggaggttgt 1200

cctgaaagtt ggaaaagcaa cttaaaagac aggactgaca gacgggtcta gagcccagac 1260

ac 1262

<210> 19
<211> 1013
<212> DNA
<213> Cricetulus griseus

<220>

<221> modified_base
<222> (536)..(860)
<223> a, c, t, g, unknown or other

<400> 19
gttccatagg gacccgtcaa aaaccatcaa gatcctcaga aaagtgccta gattcgcttc 60

ccgttcaaga gatgtaaagc agcataccct aacggttttc ctgtcatttt tagctccttc 120

ctttacagtg tcttggcagt tttctatatg ggaggccaat gctaaactcc ctgctttcaa 180

agtttagaaa agggctttgc ttctgtccta gtgaggactg aaaatcggtg actacagacc 240

atctttattc tccatcggta aagcgggtag atagacctat tttgcggtgc gtgcctgtgg 300

ttcgcctcta ccatcccagg ttgagtcagg gggatggccc agagttcaag gccacctagg 360

ggctacagtg tgcgggccct atgtcaaaaa caaaaaccca gtccatcttg caaagctgtt 420

cgaagatcat cggtgttaca atgctaaccc tgtggatctc caaggtaaca tgtcgtcggt 480

aggaaagagc ttcctttacc ctcccggaca cctttggcct tcaggaggcc tggccnnnnn 540

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 600

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840

nnnnnnnnnn nnnnnnnnnn cccaccctgc tccccttgct cggctccctc agctcccccc 900

tctctctctc attgtgaaag atcggttccc cgactcggca cttggctccc tgtggatgga 960

taacacccag gacctccaag ttcaggctct ctgataaaac caggtgtccg agg 1013

<210> 20
<211> 674
<212> DNA
<213> Cricetulus griseus

<400> 20
ctgagccccc tcccctcctg tgttcccata tctggatcgt ggtccttggg gtttcagatc 60

tgtccccatc tccttccctt cactgtccct tccctacaat aactcaggcc gtgctggccc 120

agcaggtgag ggacagcagg agtcgttagc cgaggattag gcacaacccg cggtcccaag 180

gggaccagac tcttcaactc taaaccgctc caggatacta atccgtatgg ctggcggcgc 240

agcaagtcaa atgcagctgg gctctccaga aagagcagat tgcaggggtc cgtgggtgcg 300

ggcgccctct ggaggccgag cggctctcaa gctcagggaa gaagtctcgg gctccccctg 360

tcgggcagcg cctgctctgc actcccaggg tttgctcgtt aagtctgcgc ctgcagtgtg 420

catacacagg tctgtgcctg ggggcttact cgttcgtgca accaaggtag tggggcttct 480

cagcctccgc tcttgtggcg tagtcagagg acacagatgg gacgaggact ctgtctcgcc 540

aggtgtggac agcaggattc aggctggatt ctctctccag gctggcctca cacactcggg 600

gcttcatctg acttcgcctt ccctaggccc caggtcgacc ttttttctgc ttccttcttc 660

agactgtctc tagc 674

<210> 21
<211> 472
<212> DNA
<213> Cricetulus griseus

<400> 21
cgtcattcct gggtcccatt cgaaatccat tcagaaacgt ctccccagac tggttcaggg 60

ctggcatccc acacccaccc cagtcctgaa gacctttgct gtagctagga atcccaaatt 120

taaggtgtag ctcaaccttt gaccactaga ggtctctggg aaagcattga cccgtataac 180

cctgtttatc atcctaaccg tagacttgtt gcacagccgg gcgagcccgc tctgctggag 240

gccgccttct gacgatcgcc aaccagccct ggctcgtcgt ggcgccagtc ttgaaggggg 300

atgggccagg cggtggctga ccatcacacg gggctgactt ttagagtcac gattcaatcc 360

acacagtcta ggggttacct ctgaatcccc acttcttggc caagcaagta gggggagagc 420

cccaggtggg cagctggagc cctctgaatg tcaccctggc cagaactaac ca 472

<210> 22
<211> 418
<212> DNA
<213> Cricetulus griseus

<400> 22
gtgcccatct ggccaacttt ttttttttt ttttttttt ttttttttt ttttttttt 60

gaattttcga gatcagattt ctctgggtag ccctgactgt actgggacgc attctgaagc 120

tattgctcac ttccatcttt gtggcctttg tttcctcacc aaaaaccgag ggcaggaagc 180

agtaagcccc ttgctcctgt aagctgtcca gacatctacc ttactgtgcc tggatttcag 240

ggtcttccca ctagcctggg gattcctggg aagacagatc ttgagacaga cagcagtagc 300

ggactggcac agctcctgcc tgccaaccag ggtttgctga gtaacttgaa gaagcgcctg 360

acacagcgct aggctagtgt ccttaggggt cagggtgacc cgtcaaaccc agcagggc 418

<210> 23
<211> 911
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (402)..(434)
<223> a, c, t, g, unknown or other

<400> 23
gtagactttg ggagcccatt ccacatagag gaatactccc tgagccaaga cacacgtggg 60

gggggctat cccaaaggat atgatagact ctgatgacac cctatggaag gcctcaccct 120

ccctggggag cagaaaggat atgtgatagg tagggtttta gttgggggggg ggggtagtag 180

gggaggacgg gagaagggaa ctgggattgt catgtaaaac aattttgttt ctaattcaaa 240

ttaaaaaaaa atctgaaaga aaaaaaaaga agaaaaacag cagagaattt aagaacatag 300

aagggcgcct tcttccagtc ttcaggcgca tgtttttctc tgcaaagagg ccaagtggag 360

gaaactggag aaaactggag actgaaggac agacagcgtt gnnnnnnnnn nnnnnnnnnn 420

nnnnnnnnnn nnnncgcctg cgcggtgagg ctctctccag cccgccccgc ggcctctgcg 480

cctgcgcgcg atcgcccggc agaccccggg gaggaggtgc cggagttgta ggtcttgagc 540

cttccggcct ggggcgggtc ggcttcgtgc atctgctggg aggatcctgc gagaaatctg 600

gcctcgctgt tgcattccgg acagtggggt ctgccccgag agtgggacgc agtctctgat 660

gagtgtccca ccttaagact tgtcacggtg tgtgtgtgtg tgtgcgcgcg tgccctccag 720

tgtgtgagtg tgttgggtag ggaaaggggg atgttaagga acagaagacc aaaggactga 780

gcagttaggg gggagaagta tgttgtacag acatgttgcc tgtgcacgat aacttgagca 840

gcctgccatc cagtaacttt aataatgaaa gcataaggca gacgctttgc atttttgccc 900

tatgcccttt c 911

<210> 24
<211> 419

<212> DNA
<213> Cricetulus griseus

<400> 24
ttcagtggga catctgaaga agttttaaca taaccacaac tgcaaagatc ccatttctgt 60

gtcaggttac actctcggat gctcagggtt aagacagcaa cataagaatt ttgggtgata 120

agcagctcaa cctacagcaa gtggctttag tcagcaaagc taaacactaa aaatagccca 180

aatgcccttc agccagggaa tgaatgaaca gacatggtat ttttatacaa caggatatta 240

ctcagaaaca caagcaaatg atttactgat gcacacagca ccctggatgg agctcaagtg 300

ccttgtgtta catggaagta actggactgg acaattacac tctccaatgg tgcagaagct 360

gctacttaca ctgtatacga gggaagcaca cagcacagaa gacagatcag tatgtccag 419

<210> 25
<211> 380
<212> DNA
<213> Cricetulus griseus

<400> 25
ggtgcgcaca aatgtcaggt tgtgcttatg gaagtcagag gacagtgata gggaatgtac 60

tgtgtatgtt tatcttattg attgttaaat aaaatactgt ttggccaatg agacagcaag 120

tagatgggac taggagtcaa agaggattct gggaaatgta gtagagaagt ggcaatccag 180

gcaggaagtg acatagcaag gggactcatt taagcgaagg agaaacagga agggtctctc 240

ttttcccctc tgctcctgct ccagcggcaa gatgcgatcc accgacaagg agggacgcca 300

ataaggtgtc cgataagata agtcttataa aatatagaga tttatgataa ttaagactga 360

gcaaacagat gagaaatcct 380

<210> 26
<211> 534
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (1)..(389)
<223> a, c, t, g, unknown or other

<400> 26
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnt tctccgctgc tgttgctggg gtttgggtag 420

cgacaaggtg ttcgtccaag cccggcctcc cggacgctgg cacgaccgga cggggacggg 480

aaacccgagt cccctgccag ccgggaacac gcagcgagac cccgttcccc ggtc 534

<210> 27
<211> 541
<212> DNA
<213> Cricetulus griseus

<400> 27
gctctcgctg gagcactgaa caccccactg gagggcagac agggcctgtg ggacttcctg 60

gaggttccct cagagcacct gtgggtgaca tgggggtaca gggaggtgtt catgtctagc 120

ttgtctggtt ctttccagag accaggctga tgggctaagg aggtgcagca tttattcggc 180

aagaacagtt tgaggactga gcctctgcac tgagccgctt tgctctgact tctcctgagc 240

aggcacatgg accctgatag aacaggaagc aaatggttgc ttactcagaa gacagttgtt 300

agacagttgt tttcaaggga gtgggaggga agggagtagg agtcccaggc tgtgagtcac 360

cagtgagggc ctcagtgtgt gtctgggatt gactgtgtct ctgaaaattc atatgctcca 420

gcagcttaga acatatccat attctgtgac agtgtcatca cagctgtaac tacctaggac 480

aaggtcttgt ggagtgaggt gagcctccaa tccaatgtga ttgatgacat tagaaaaagg 540

a 541

<210> 28
<211> 797
<212> DNA
<213> Cricetulus griseus

<400> 28
acccttgttc cctctcttct aggtcgtacc atagtgggac aggaatcccc ttaggaaacc 60

ccatacacgg tgggtcaagg gtgcttctcc aacccacacc ttcctccaca ggcgttgagg 120

gccctgaaat catcctgcct tgcttctacc aaaggaaaag ctgagaccag agaacatgga 180

tgcagggcaa agcccacaat ccccttgctt gtgtcctgcg cggccatagg catttcagag 240

ttgttccacg ggagagggcg acccctggtg gtgatgagaa gaatgacggc ctgtcttaca 300

ggacccagag gaagtaggtc atccgaagct gcggtcttat ttatcaagaa tgtaaacaga 360

ggagagtccc ttcgcgggga aaaaaaatct ctctcctcac tcttggtcct cagtcatgtt 420

tcccgctact gatttagtaa aacttcaggg ttttaattga accctgaaga ttggatcttc 480

aggaagcaaa cacagtcatt atcaaatgat ttttttggca actagcaagc cacgcaagct 540

tttacgattc aggaatcggg tgctaagccc tatcagagaa cgcagaagct tgcattctaa 600

taagacttct aggatcacca tgacctcagg gtcccaagcg agcaccgggc cgtgcttcca 660

cggtagcccg ctaagcggcg ccccagccca aaatcgagct caggttctta ttcttcagct 720

cagaggaatg ccttcttgta ccaaacgata aatgtctgcc tccaaaccta aggaaaatgt 780

ttctttagcc aagcatg 797

<210> 29
<211> 686
<212> DNA
<213> Cricetulus griseus

<400> 29
ggcccggagg catcgttttg ctgtcttggg agcggccccg gggtcccgcg cggttcgctg 60

tgtgccgctc gctctccagc gcagtggctc gggcaaacaa atttttcagt tccgcctcag 120

ggagtttttc tgcctgagag gtccttggcc tcgccgtcgt ctttttttaaa cacacaagtt 180

gtttggctgg ttgcagcggt gttggattta atggcgactt gaacgctgag tgtttttttaa 240

ttggctttga tcgagagcag tgttgctgct taacggtact ttcagtggag agcagttact 300

cagttctcac aacttaatta ttgaggtggt ttaatggtac actaaaggaa gtaaaaaccc 360

taagcctaaa gaggcgcatt ttaaaccttt tattggttgc catggctgtg ggtgcttgtt 420

acgtacatgc agtgtctaga cgcctgcgta acaattgctt tagggttgtt taaccattaa 480

gctgctaggc atttaaaaaa gaaaataagt ctcaaaccta agcgccttaa ttgtatttga 540

gggtattcca gggggtattt tgatgcggac tcgttaatac ttttctccca ctttgagaaa 600

ctgtggccct ctgttatttt ggcaggtgtt ttgtagaata ttttttgttg ttttggaggc 660

aaatgtttgt aaccctggct actata 686

<210> 30
<211> 471
<212> DNA
<213> Cricetulus griseus

<400> 30
cataaatgca gtttgacatc ttcagacctg cgcgctcgag cacacacaca cacacacaca 60

cacacacaca ccaccatcat catcatcatt tagttatatg tgtctgtgta catgtacata 120

tatgttggct cagtggatag gctcaagtac actggctgcc tccatccaga gggctccgcc 180

ctgataccag agtcacacag ctgtctgaga tgtcacagga atttccccac tgctctactc 240

aggaagccta tctacccctt ctggagctcg tacagtgctc tgtttgcaaa accctgtctc 300

caacaagcca tgtcatgtaa atacaacttt gaggcttaaa aagacagtgt cacaccagga 360

ggcaaagatg ttgagatctc tacatcctgt ctcaggcaca agggttccgt ccagtttggg 420

ctgtaatctt ctcttactgt ggctgtggca tgggcttgta gtcccagcta c 471

<210> 31
<211> 483
<212> DNA
<213> Cricetulus griseus

<400> 31
ctactgagcc atccctccag catccttgtt gagaatttta aaataaaaca taattgtatc 60

tgaaagtgaa caagctttga gaggaagtct gtggaggcaa agacaagagc ctcacctaga 120

ctgctggctg ctgagggccc cgaaaaaagt gttagcggag aggcccacga gctctgctct 180

ccctgagcct ctgcagtgtg gcatctcaga aggcaataga tccgtcagtc ttggaagaga 240

cacttacttc tgtgcacagg gagaggcaag tcccaccagc agaggtcact gacgtgccag 300

ctgggaatcc gcagctcctc tcacatgtgc gcgtgcgcct gcctttctcc cttctcagca 360

ctttgaaggg aatcagtgca aagtgtatgc ttgctgttgg cagatattct cagtggggcc 420

tgcctttgat accctcaacc ttaggctgtt tgttttaaca tcgatgtaat acttagggca 480

gct 483

<210> 32
<211> 382
<212> DNA
<213> Cricetulus griseus

<400> 32
aaatcagaaa tggagtaagt tgtcagatga ctaaagatga tagcataagc aacatgctca 60

gcagagtcaa ggctcaaagg cagagtgtag ctcatggtcg caaacaattg taaactacag 120

ccagatcaca agactctccc cacggccacc cagcaaccca gcctaggatg ctgggagtaa 180

cactggtgag taaccctacc agcacatcct gtactctccg acccgctacc atggaaatgg 240

agtaaacagg tcagctggaa gagataagca gtgcccagcc cacagtgatt tgcttgaagg 300

aagaaagttc ctttatagct gagctcttag aagtgggtgc ttccaagctg ctgatccttg 360

tcttcaagcc caaagaatat aa 382

<210> 33
<211> 958
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (304)..(801)
<223> a, c, t, g, unknown or other

<400> 33
cgcacacaca cactggggtg gtgggccccc tgggtcgcag acggtggttc tctgtattat 60

gggcttcagt acgcttaggc gcgcttgctc atgtcacacc ttaaccggca cccccgcagc 120

cttcggaaca ggccagaact tctaatcccg tcaccacccc gacatgtcat cccccagatc 180

cttggctctc tggcgttctg accgctcagg ggtctcaggt ggaggctgcg agggtgctct 240

ctcccgtgtc cccgcagggc tggcactcgg ggcggtggag gaggcgcagg aggcgggggg 300

tggnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 600

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780

nnnnnnnnnn nnnnnnnnnn ngctcgggcc tcccccacag ccctggcccg ggataacggg 840

ccggggcatg ggaacgtggg agacgccacc agcccgcgac accccgccac atcctgtccc 900

catccaaggg gagagggtgc acccggggcc aggctggcat ctcataggcc caaaccca 958

<210> 34
<211> 509
<212> DNA
<213> Cricetulus griseus

<400> 34
tggaggaggt gagcccagca ttgtggttgg aaggaatgtg ggcaggcctg gcaggaaaag 60

gagttagcag agagcatcct gagaccagga ggccaccaca ggttctcagg ggacaatggg 120

tggaagtgga gtgaaaggtg tcaggcctga gctcgccttc catggagagc agacgccagg 180

gcagtgaggc cccttccctt gtatcaggat gccctcccca gaaagtcttc cataacagag 240

agagtgagca tgcttccagg aaacacacag tgctctcccc cagcttgtgt gcactggtct 300

ataaatacac ccagacaggc ttggctggag cctccatacc ccgagggcat ctggatctgg 360

ctctgagctg cctttgtccc agcagcagtt tcgtcaccca gcagactggg ggtgggggcc 420

gggaatgcag ctgtcacatc ctgagcccac cgaggacacc caagcaagca tttggcctgt 480

aaaggccaaa ctgaaggcca agttgactc 509

<210> 35
<211> 463
<212> DNA
<213> Cricetulus griseus

<400> 35
agacagaggt ggtggctgtg caatattgtg aaagtggtaa ccaccatggg tttgtttgct 60

ttgcatttta ttataaccga aacgagtaag acagaaccct atgatggctc tttgagaaag 120

gtcacacttc tgagcctgcc attctctgcg aacctggctc caagctcttt gcaggttctc 180

tggacccttc tgtctccaca ggttctctcc tccctttccc ttctatcgcc ccctagtggc 240

ttagaggcaa gtcccaccac tagggctaag ccatcttctc agacctccct ttttggtggg 300

agtcatcaag agatgtggaa ggcagagaac taaagtttgg agtgaaaaag aactggattc 360

agcttctcat tgttctactt agctgtgtga tgtagagcaa ggtcagtgct tcatagcccc 420

gtctcctgac acagctgtga cagccacatg gcaggaagca ctg 463

<210> 36
<211> 476
<212> DNA
<213> Cricetulus griseus

<400> 36
cctagtttct agctgtggag cagaaactgt aggtgccatc ttggcagaag ggaaaggtgc 60

acctccctgt accagctgac tgagagtcat gtgtggttgg tcttggaatt tgccccaggg 120

gataaacaca gaccctggaa caatcaggaa gaatctgctg aacgctttcc ttgtgcccag 180

agggttccaa gccactggcc agagctagac aggaaatatg gctcactctg gccaactatg 240

agcctctagg ggattgttct tcagtatctc tgcccaagct cctcttgacc aagtctggca 300

tgaagccttg gtgctcaatc catgcttgca ggaggcagag gcctgccaag ctctgactcc 360

tgtaccttct agggtgctga aaacctctgg ttggtgtata ggctgtgtcc aggctgacct 420

ctgggtgagg atctgcaagg aatgactggc ctaactcctc atttacatcc aggctc 476

<210> 37
<211> 1172
<212> DNA
<213> Cricetulus griseus

<400> 37
cctaaaatgg agcattctca ggcgagaggg gctggaggac agacacagga tgacctgtgg 60

ggtctgagga aatctttaac gaggcagttt aaaaaggagc gaacaggagc ttgtgggtga 120

gggtgagttc ccccacactg gacgccgtag gcaaggcgtc tcatctccgt aggcacggac 180

agactctgca ccctcctggc ctagctggac cttcctgtgg cccctcccac gctcccgggg 240

tcccagcccc ccccccaggg gtcccggacg tcgcagcggg gccctcccgc agccgaccgc 300

ggcccacccg atgtccaagc agccaccctt gtcagaggct gacgactgcg ctccggccgg 360

cctggcctgt tcacgcgccc tggccaggcc ggcgggctca cgacacagcc ccctctcccg 420

ggcgcacaga cacggcctgg gcctcactca ccgcagcggc gcgcgcccgc agacaaagcc 480

ggcgccgagc ccgtagatgc tgcagcagca acgagcggcg ccggactaca actcccagga 540

gcccgcgcgc gccccggggc actgtgggaa gctccgctgc agagctgcgg cagaaacgtg 600

gaaggctggc ccggtgttgg caggttctag gggaggggag tgccgtcctg tggaggagct 660

gcggttgaag tctggggatg ccgaggacat tgttgaacta cgcaagactc agggttcact 720

gtagggctca gaacccggaa gggagaattt cggaaaaaga atcaggaaca cccgctggtc 780

ggttcataag atttctcacc ccaaagatgg acgaggcacc ttcaggcttc ggaatttagg 840

agccacttgg actagttgtg tgatccaggg tgagaatccc acctatgggg gagttcagag 900

tgtgggcgtg acgaccgatc ggttggacag ggactctggc actcaggagt caaagaatac 960

cacaggtcac agcaagcata gcaactcaca gccctgcaca ttttgtttag agtgggatgc 1020

cttgctgtgc ctgtagaggt cagaaaacag tttgttgttg tggaatgttt taaggtgtgt 1080

tacatttgct tatgctgtgg aacatttgtt ttaatgatcg aaggatgtat tatattcatt 1140

tatgttacat ttttttttt ttaactctgc ga 1172

<210> 38
<211> 1221
<212> DNA
<213> Cricetulus griseus

<400> 38
agaagtggga acctggttta ggcttctcag agagtgcttt aacttggctt ttacaaacaa 60

gtaaataaaa ataaataaag caaaaccgat cttcacgaca aaaatggagt aagatgcgaa 120

agtgggaggt ttctttggag aggttgccct gttggtgggc tgggacgacc tctctgcgtt 180

aaccgtatgc acagaggcta tcttaggcca aagtcattga taccacccta accgaattca 240

gggattccct gtaaaattca cggaagtagg aaacggtaag gatccactcc acggtggcgg 300

tttttcagag tattaacgag accataatgc aggcttttac tcagatcctt catggtgaag 360

gagatcaaga aggctaaaac gcaaaatcct ccttctggcc tccccgtcgg ggaatcgaac 420

cccggtctcc cgcgtgacag gcggggatac tcaccactat actaacgagg atgaaccacg 480

ctggttcttt cccagacaga ttgctataga cggatacacg cagcggctgt cacccggttc 540

ctttctttcc gtgttcctcc tctcctgctt tttctctctc ttttcttctg ctcttttgtt 600

ctctcatctg tttctttccc tctgacacct catcttatga cgcccacatt atgatcagag 660

gccaaagact tcacaacagt gtgtgttgat aatcagtact attctggaaa actgtcttta 720

cagcaagggg atgtagctca gtggtagagc gcatgctttg catgtatgag gccccgggtt 780

caatccccgg catctccagc ttttcttctt tttaccccct ccagtaaatt aggccagaat 840

gcaacactac agacccaggc ttcctttccc accacgtgga gacggcccta tggggcagac 900

tgactgcgcg gatggcggga atcagcattt gtaagtcaac ctcctgtagt aacttgtgag 960

tggggcagga ggaaaacatt gcatttccaa ggaggttcta taataatcgg cggctcctgc 1020

gcgctcattg cctcgtaatg tgcacccgtt gtgcacccat cgtgcgtcca aatagatcaa 1080

gtagcccagt aaccttgcca agaccacgta aggagtctca gcctttctgg aactcaaatt 1140

ccgactcgag gctatcactt gaaatccaag ggatatttta tgaggacgca cagaactgct 1200

gggacatcca cgagatccgc a 1221

<210> 39
<211> 480
<212> DNA
<213> Cricetulus griseus

<400> 39
aataagatga cagacaacaa ggacacagag aggtcaggta tggagcaacc ctgactttgg 60

catcaatcaa ggtttgcttc ctgtgggact aaggaagtca gaagtcagaa gctggaatct 120

acaaatggtc atgggcaccg acccaacaaa cagggcacgg ctggctttct aaacaaccga 180

agcttctgga agcttctgga gtggacctcc ttcccgctcg ctcgcctcta gtttcatccc 240

tggccgccaa agctcgccta ggccgagtgt gtgtgtgggg ggtgacgctg tggaacacag 300

gctgcagaga ccgtcctgtc ctcaggccac ttccacactc cctcatcttc gtggcctcat 360

cttgcatata agcatctgcc cctgagcctt ctccatcctt tcatggccag ccaccgattt 420

acttatgtcc ttcccaccga cagaaaagca aacctgggtt tttaacaagc catctggggt 480

<210> 40
<211> 1181
<212> DNA
<213> Cricetulus griseus

<400> 40
gacacaggtc tgcagcagca ggagacacaa atactgtaaa cagcaggtga cttctctaaa 60

gacgcttaca gtgtgggttt tgggctcgaa cttcctcaac ccaaaggaaa aggaagaaaa 120

gaaatgattt ttctttcttt taaacagctg tgtaacttgc tggctaagca aaatgctttt 180

ccttgttata gcttggaaaa gagcagcact tggacctctc tccccttagc ccttcctccc 240

accctggact gtaccattaa atctgagata atggggtgat caaagcagaa attaagttag 300

cacttgtcaa aacctgtccc tctgcatgca tggcctcgcc tgttactttc tcctgattgt 360

ggcgatcaga atctgttcag gggcttgctg cgcttgcaag gtcgctgcga gagggagcat 420

tgaactttgg actgcacctc agagggtgaa gtaaacaaca gggctatata tgtcagtgtc 480

attctggctt tgtggagctg ccctgccaga gcaaagagag agaggaagca aactagtccg 540

aaggggttgc gtaagtagga cttgattgtt tagagtttga gaaaagtttt ctgagactgt 600

taaaatacgt ccccgcttta caataggctt agtaaaaaga ttggtaaaag gcataaaaaa 660

tactctaaaa aatgaacaag agtttgggtg tggtaggtga attgtctggg gattgctgtt 720

agccttttt attttttct tttctttttc tgtgctgtgc tcggggaagc tggggaagtg 780

gactgcagct atgctatttc tctctgcagg agactgtggt gttctatggg caatattatc 840

tgattaaatt tctgtgtttc ccattgaagg gtagagtgag gacaaacaag gggaaaagct 900

cgtggatttc aagagcagag acagaaatat gcccatttta cagtactgta gagatagatg 960

tcctgggaaa cagtgagcag cttcagaatg acgagcaggg aggggacagg ctccatccac 1020

agtgcagaag tggtcacctt tagaggaggt ccggctgtgc cacaggtggt acatgggtag 1080

tttttgagtt aagcagagaa tggaagccct taggtgggtg aggggcttta aagtgtggtt 1140

cgaagttcag agggaggggc tgcgtgacaa agagtaagta t 1181

<210> 41
<211> 719
<212> DNA
<213> Cricetulus griseus

<400> 41
ctggtcattg gcagtcatgg gaaatccagg aggctggagg cagtggacaa tccactgtgg 60

tgttaggaag acagcatagc ttgacataca agctcacacg ggcccaacca taaacaacat 120

gcttggtagt tacgaggaca cataccaaca ttccagagcc caggaagtat aaacatggag 180

aaccaggctc tatctagcag tggccagagt cctggaggac agggaggagc aagggcctgg 240

aggactgact gtgtccctgt ccctaagact ttggaagcta aaggtttgac cacaggacac 300

tagccctccc aagtgggagg caggatcttc tagggacttc agcagaggat ggatggggct 360

ttccgcagcc accttcggga attgtagaca caagggacta ggaaataagg aatcagaaaa 420

gcccagagcc agtgacgaca ccacagctaa gggcaaggaa cgaaaagtgg aaaatgtgag 480

tggggagaaa ggaatggagc tagcaaaaag gggggtgggg tgggaagagg atacaggaga 540

cagaattatg ggatggaagg atgagtgcag caccctgcta ttcccttcag ggatggagcc 600

tgggttttaa ctagactggc tggccaacaa gccccaggga tccatctgtc tctgtcagtc 660

taccccacac ccctcccttg cctgccctga catgtggcta gcacctggct ttttaggtg 719

<210> 42
<211> 864
<212> DNA
<213> Cricetulus griseus

<400> 42
agtgtgcaag gaggattact gctacatggc acaaatgatt tggaggttag aagtgcgtga 60

ttgcctcaca caaggtcaaa ttcaagatca ctttgctcta tataaagttt agcctgacag 120

cttgtcaacc tcaaccgggc agggggcagg tgttttagga ccttgtaaca cttgttacac 180

aagacgcagc ccaactctcc tctatcactt caggcaggac cttgatcaga gcccgggtgt 240

ggaggcagtc accccgcgat cctggccgct cctgagcaag tattcatcag tctcgagccc 300

ccataatcag cacaatcgca gaccgaagag tatcctcacc ttccaggtgc ccaagcccac 360

aacagggatg gtttgcatgg cttcccttga cccactggct cagcctccaa acagcaccgg 420

agggcccaga gagcagctgc gagtgcccaa ctacgtagaa attccaggaa gcgtaatggc 480

gtgattgact ggagttctgg cttgccaatt ggctggcgga gaggtccgaa cgttctctga 540

ttggctagta gtatgatcaa tctttcagct gagcaactga gtctggttgt gcctttcacc 600

tctcataaat cctctggaat cctaggagtc ctgtctccta gcaacctggc taaagctcgc 660

ttctaatact tggtatttcc agaaagtagg ctggctggca tacaggttta tttcctagaa 720

atcagattcg ttgtgctgat gttcgttcct agtatactgg aaaataattg ttatggataa 780

agtaactatt cgtcttggat ccttgctatg gttgtgtgtt aatttgagga gcatttgttg 840

ttttgattgt tttaaaacta taga 864

<210> 43
<211> 776
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (358)..(697)
<223> a, c, t, g, unknown or other

<400> 43
cagggaccga ttttttttag ggtcccgctg gactaggggc gggcaaggcc tccaagaggt 60

gatcgggtgt ctattgggtc ccaagtgacc aagtcgctcc cttgctgcaa gcgggactag 120

aaaccagtgc agcaagggaa gtccgaactg gccgcgttgg ccccagcaga ggctccctgg 180

aggcggggcg ggggccatcc tcacccaaaa tcgtcgtcca tagacttgaa gaagaactta 240

tagctgggcc gctgcagaac gcccttaaag tccgccaagg tgacgcgctc ggcgggcagg 300

ggcagcttca ccaggtacgg cgtctcctgg ccgtccaggt ggtagatgat cttggtcnnn 360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 600

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnttt gaagaccgga ggaggatggc 720

ttcggcgtgg gtctttgggt tctgctgaca acacagttgc tgtcacagga cggtac 776

<210> 44
<211> 1442
<212> DNA
<213> Cricetulus griseus

<400> 44
aaggtcaggg atttctagga ggtaattcct ttttttttt tattagttca aattaggaac 60

aagcttgctt cagatgtcaa tcccttctcc ttctccttcc cctgcccccc agtatcctct 120

aggaggtaat tttaattcaa tctccacact ccttgcagac acccgccttt ctcctcctga 180

gttcccattg gctcctgagg tcagccactc tccacgacca gcgcggttgc tggcccagcc 240

tggcttcaca actctcaagt acctagtcgc tctcaaaacc ccgcccactc cccaacgaag 300

ttcctcccac ttgcccgccc acctgaaaat ccccttccac cgtcttcgcg cgcgacggag 360

ttcactttct cccatctgtt tgtcgaagct ccgccccctc taccgctcgc tcgctcgcga 420

gcctccgccc acttcaccgg cccgcaaagc cccgcccccc tctgcccgta ccccaactcc 480

ttcccttctt ccgtcgtttc tacctttccc cgcccccaca gctgtctttc attggctaaa 540

aaggctaaac cgcgcgggga tgcagcagag ccacattctg attggctaaa ggctcagccg 600

ggccccttgt cattggttga tacgagaaac cagcaagagt ggctgtgctg ggggtgtgcg 660

gccgctgctt tgttgccgga gggggcggcg ttggaagttg cagggccagc gttctcggga 720

agtggagccg cggccgctgc tatctttccc tcggtagtct tcggccagtc cccgcccgac 780

aacagccatg agcggcggcg tgtacggcgg aggtgagtga gcgcggcagt gcctcggggc 840

atgcgggccg gaacgaccgg cccggtccct ggccgcttcc gtttccctcc ggtccccggc 900

gggcccttcc ggtctttggc cggttcttcc ggtccccgtt cgggtcaggg cctctccgcc 960

tcttcggacc cggagcccgc gtgcagtggg ctctcggaga tggcctcgag ggaggacctt 1020

gccgcatctt gcccctgggg ctccaggacc ggcgggactc tgatggcagt cacctggctt 1080

gcggggtccc tttccgtacc ggttcctccg cgtgttcgtc ctccgcagct cgcggaggtt 1140

tcgggccctc ggtgtgggct ctgggtgcga gtcgcacccg gtgttgacgc tgctgctccc 1200

gatggtgcag cagctgctcc cgactagatc tggttcctgg tgtgtccggt ctctagatga 1260

gcggagcgct gaggtacgcg ctgctgttcc cgtccaaatg ggcaggagcc ttttatagat 1320

tggtggtaac gaaatcaagg ctcccaagta cttgtttatt cacgtgtaac tagttaggga 1380

ctcttctctg cttggatgct gacagaagat ggggccgctg tcccccgcgt taatgaagaa 1440

ag 1442

<210> 45
<211> 478
<212> DNA
<213> Cricetulus griseus

<400> 45
atacaagact ggtgagcaga gggagaactt gggctgtggc tgcagttttg gtatagggtt 60

tcacatagcc tacaacttac catgtagctg tggctgccat ctccatgctc agaaggagca 120

agaggctcag gtgcctcagc cccacactga ggaatgcaga catggagggc ctgtggggta 180

gtcaagtttt aaagactgtt tggtaggttg accatgctcc agtgggtggc tccactgagc 240

agtttagggg tagcacaaaa cagaccagat caagttgaag ctactggttt ggatgaatgg 300

tcagagcata ctgtacaaac tgccctcccc cactaaacca aacaccatgt tcaggcccta 360

atataggttt gagatttgag aaaccagttg ggcagtgaaa gcatgtctat aatcccagca 420

cttgggggca ggcgaatcaa ggacaacctg gtccacacag ataaacccca acacgaaa 478

<210> 46
<211> 2038
<212> DNA
<213> Cricetulus griseus

<400> 46
ctgtgagttg gttgagcact taagcacaaa tataatactt aggtaaacta acaaatttta 60

acaagttgtt gtgtgtgcaa aaacgctatt cctcatcaat gcataaatgt gttacttcta 120

cacgacagct acaccaagac aatgataaat taggcagcag gaaaaatttt ggtgaatctg 180

cataaagctg cgagttttgt tgacaactct ggccagtttt cttacagttg taaagaacat 240

actgtttcca aactatttcc cacatttaat aatctctttg agaacgaaga actgttctat 300

ttaaatgacc ttactagcat ccaatcagga catgattttg gaaaaaagac ctaacaaagt 360

agttcattct gagccaaaca ggagtgaaca tgaattcatt caagttaccc tgaataaagt 420

gttccggcat ggctgcgttt taaatacaaa gtggggaagg gctgactcta gctccatcgg 480

tagagggcta agtaagactc ttgaggctct gggcttgatc ctcagcatat tataaaccag 540

gtgtggtggt acaggaatgt tagcacgaag aaggtggaga ctagaggatc aggggttcaa 600

ggtcaccctc cgctacttat gtagttcaaa gccaacctag gtttcatggg ctcctgtctc 660

aaaaggaaaa caaaaatgta tttcagtttg acatctcaca caaacaccca cgcagactcc 720

tgggtcgctg agctggtcgg gcacatatcc tttcccccga cacagaccat tttcacacgc 780

gcctctgaac ccttttttgg cctaaattag ggttgttccc gcgcttgcgt ctatggccgc 840

gcatgcgtag acggtaagag ccctacctac ctatgacgca cgattgacgc agccgagagc 900

tcagttccca gggcaacgag ctccgactgc ccgccttccg ctggtctgcg tcacttccgg 960

ttcgcctctt tctgtttcat cctggttgat gattggttcc gccttgcgct gtgtgcggcg 1020

gggcggtgct gggaaaggcg agccttcggc tgtggatagg acctgcgctg gggtgggcgg 1080

agtcgggagg agcttggctt ctcctggcca atcgctttca aatctgcccc ctgggcgccg 1140

cggagcatgc gcagtctcag aaggcactat aatccactcc cggagtttgc aagcatccgg 1200

agggtactct gacggcgggc gggaggtgtg gccttgcggg cggggccgct ggtaaaggcg 1260

ttgattggcc gactactggt gctggagtag ggacttagct cattcattca ttcattcatt 1320

cattccttca ttccttcatt caatggaccg agggacacta ggctttacaa tttcgaccct 1380

gcttcccaag agtccatggt ttggctgaca ctttggtgtc gccctctctt ttaagtctgg 1440

tgccatagcg ttttgcaaaa gggggacata gcctctctta ctccagggac cttctcaggt 1500

ggctccacct ctgaactcaa cacaccccaa acctaagtga cactctggct tgctgcttat 1560

ttaccaccga gccctttttcc ttcactttcc atccacccgg acagtagagc tgtctcacag 1620

aggcactgtg aggtttgaaa tgagcgtgga tcagctaacc tcggggttag attccaggct 1680

ttttggtaca ctgctctctt agcatgcatg tagtcttggg ttcagtcccc acatccctat 1740

gatcctcaac tgtgcagttg taggcaaaag actcagaaga tcaaggtcct cctggattac 1800

acagcaagtt tcaaagccaa cctgggctac atgagagctg tctcaaaatc ttcttttata 1860

gctgttgact ttattataag tgtaccatta tgtgtacatt gagtgcaggt gccacagaag 1920

tcagaagggt cagatcctct acagctgcgt tacagacagt tgtgagtcat ctgacatgcg 1980

tgttgggctt ggaactctgg tcctctgctt gaagagtatt tgctcttaac tactgaac 2038

<210> 47
<211> 404
<212> DNA
<213> Cricetulus griseus

<400> 47
ggacacgccc acacacatcc tggttgtcca cactgttggg tagtggcccg ggtagaataa 60

gaatggctgg ccttaacctt ccctgagtgg tgtgaatgtg tgcctccatg aacagctctt 120

agcactggat atgctgtcgt ttgcctggca aatcagagac agttctcgcc tttgtcttag 180

gactaatttc tgcagtgacc ttgttctcag gcacttcagc taacttggtt ggtatgtgtt 240

tttattagtc atctcttaac ccatttttcc ctgcagtcta gggactttgg aaaatcatag 300

ctagaatatt tctggcattc atctgtcccc tgccctgttc cagccctggg ttttgcccat 360

cacagcctct tactacactg aggccagccc tccagcccag actg 404

<210> 48
<211> 917
<212> DNA
<213> Cricetulus griseus

<400> 48
cactggagtc ctcatcccag gccaagaatg gaatcaggaa tagtcagatc tattcttcac 60

tgtacaaaac actgccacac acaatatttc aagagcccat caaatgctga gttccagtgc 120

agaagatggc aaataagcca ggcaggagac agaaggtgct tgcctcctgg ggcttggagg 180

gcgggccttg ggagagaagc cagactaatg aacactgggg agaagaatgt ctcccctcac 240

ccagctctgg ggcctcagct gcaagcacag tgcaggcctc aggcaagagc atcagaggga 300

ccttcagacc tggagggccc agaagaggag tgtgagtgtg tgtgtgtgtg tgtgttctcc 360

atggcctcta ggcccactgt ccagttaatg tggtcaagcc tcagcccctg ggagagggtg 420

tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgcctg gcccagccag ataccttggt 480

accccatcgg gccaaggcca gcgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt 540

gtgtgtgtgt cccctctcag gccagcgtgc cagctgctac agaaccctca ggctccaaca 600

ttccaacctc tcttaaaggg gcagtccctg cttccaaact gcagcagggt agggagggga 660

agacaagaga acacaaatag gcccttcctg gccttccagc caggctctga agccctatgc 720

aacatctcct ctgggatcac catctggcga gaaaatgccc cagcacctgg ttagtgagga 780

ctcctcctcc gggtcagaca acaccaggtc agaccaggga agaggggaga cagctcaata 840

aacatcatgt ccagcatcta gcctggcaga acccccaccc cccacccccc aactcctcca 900

gttcaaagtc ccaccgg 917

<210> 49
<211> 458
<212> DNA
<213> Cricetulus griseus

<400> 49
ctattatttc actgagttaa ttatggactc accccaaagg tatgtgaata taccaagtgt 60

ggagctattg ttgtctagtg tagaggaact acagcttgtt ttcttgcact ttcagttaaa 120

atgtccccac gttgggggac atggctggct gcgattccta tttgtagcca caagatgaca 180

ccattgctca gagtctttac tctggaaaac agctcagcat cagaaaattc tcaccaccac 240

ccggctcgag cgccttctct tctcttcttt ccatcttctc tctttccctc ttttcttcaa 300

taggcttaaa cagcactaca atagcaagtc tgcagctcct ggaaggaaga cacaaagcag 360

gatactttgt ctcaggcagt actttgctca aggccggatc cataaacttt atcttccccc 420

tggcccaaag cccagagccc tgctgttcca ggcctaac 458

<210> 50
<211> 461
<212> DNA
<213> Cricetulus griseus

<400> 50
tccccttctt cacacgagtg ggttgcatca atggacaagt gcgacagaaa ataagaactc 60

atgtcagtct cctaggaagc atggtaagca agaggctagg agtgaaataa ccttgttgaa 120

caggacgtca tgctctagca acaccactag agggtggaaa agactcacca cagacccgaa 180

ttggcgcctc tttcagaaag tgaaggctgc tcacacattt tctgagaacg aaggaactac 240

agcaaagtta aactccgggt agaatatgtc tataaataca cacaaacaca tgtgcgcttc 300

tgaggactga aggaaacgta ggtgcgcttg ttgtgctgcc atgagttata aaatcttgca 360

agcgtcttgt tctagtcctc taaatcaggg tgaagacatg aatatgcaga gagaagaata 420

atgggaaagc agaaacagca gtgactactg ctgccaccaa g 461

<210> 51
<211> 319
<212> DNA
<213> Cricetulus griseus

<400> 51
aacttgcttt ttttttctt ttaacctcaa aattcaactg tgttgaatag ggtagtcatg 60

gatcattcat tttccctttg catttcgtcc agtctctcct tgatttgcac ccactgagaa 120

atagaaagta gtctatttgc ttgagatacc aacaggcatc cacacctatc cagcacgcag 180

cattggtgcc ccctggtgca cagtgcagga attgctgcag ctctaatgtt acctctattg 240

taggagttga gatttactgc ttaccatggc aagccatgca gaccggccag agccctcttg 300

tgtaaaacca tacccaaaa 319

<210> 52
<211> 842
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (94)..(203)
<223> a, c, t, g, unknown or other

<400> 52
gagcccgagt ggcctcgcgc tggccttccg agcgacgtgc ggcctgctca ggagaagcca 60

gggccgtggg gacttggggc ggacacagga gccnnnnnnn nnnnnnnnnn nnnnnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnggcatca gccgtccgga actcacctgc cgtcgcaacc 240

gcgccgcctg tcagtcaagc gcgcccaccg cgacgccgcg cagagtcttg tggctctgcc 300

tgtcgtgccc cgcctcccta ccgtcagctg tccaatcgag agagcctatg ccaaggacgg 360

ggcggggtca catggcgctg cctactaggg ggcgggaccg tgcgtgctgg gggcgtggcc 420

gtgcgagtac tgagtgccca tgcatgctgg gagtaggggg agtggccgtg ctgctggggc 480

gtggccacgt ggttcgaaga ctgtcttgct ggtggagggc acagtctcgg cgctggggcg 540

tggccacgcg gctgtacctg cccttgcttt ttggagttgg gagctggtgg ctatgctgct 600

ggggcgcggc ctggacaccc ggaggcgggt ctgcatgcag ccggccctct gacgacactt 660

ctgcgcgccg gaagagaaag aggttcccgg cactacgcgg caggtaacgc cgctcctaag 720

atctggtgcc gctatgcgga tcactgggaa gactttccgc cggcggcggg ctgactcgga 780

gtcggaggaa gatgagcagg aatcagagga ggttcggtac gtgtttggca tgacctccac 840

gg 842

<210> 53
<211> 958
<212> DNA
<213> Cricetulus griseus

<400> 53
gtgttcgtcc ccttgtcgtt ctgtcgtgaa tgaccgtccc cgcgcgcctc gctgcaccta 60

gatcactgct gtgatgagta ctgtgaccct ggaatagaac cagctctctg agccgcagcc 120

ccgcaccatc cgcaccaccc cgctgctgcc acgcatcaca gcggtctcgg aatggggtct 180

gggaggaggg agcgccaacg gtcaggcaag ccctggcgca tgcttgtgtc cccgggaggc 240

tttcaggttg gcatgagcag cagggaaaat atacgactgc tgttcccgca gatcccattc 300

cagaaaggcg agcttcaagt cgacatttta ggagcttcct aggtcgcggc cgcgggagat 360

ggcggcggga gtacctcttg cgtggagcca cactgccatc tcctggattt ttcttcgcac 420

tgcagcagca gctgctctgg cccgcgtgaa cttcggcaat accggtgacc cgaccagcgt 480

cccactccca tgggcggagc aagggccctg tccccgggga tcctcaggga gccgggaatc 540

tactctgcag aaggggcaat gcccataaaa gagggctgtt tccgcagtct ctttatcggc 600

ggcagacaga gcaaacaaat gaaagggttt tggtgggata ccctaattgg agctggacag 660

ttgtaaactc attaagagcc gaattccaga cagcagacct tcctttatgg cacaccctta 720

ctgcccaggc tttgaagttc tttctgtctg caacaacaga gggcgtgcca acctggcggc 780

gcattggggg tgggggcgcc ccatccaccc atgtcctggt tccctttttc ctcgttggaa 840

gaccgtcaac atttcagggg gagggtgaag aaaaggagct ggggaggaga gcaaagcaga 900

atcccatggc ttcatctgga aggcgcttga gcctccaaag ttgtagccgg tcccccaa 958

<210> 54
<211> 462
<212> DNA
<213> Cricetulus griseus

<400> 54
gtgaatttaa ggccagcttg gactacatga gaaaaccctg tacatacata cacatacaca 60

catacacaca tacacacata cacacataca tactaatatt gatatatttc tctagaatga 120

tgggcaggag agccacagga ctcccacagg agcagcggtt ttctctccct tgctccttcc 180

tctttccccc tttcccatca ggccttgcaa atcccagtgt ggcaggcagc tgaaagcaga 240

actttgcgtg actgctcggc tccccgccac cgcagaagaa gatcagaaac ccaggcacag 300

actctgtccc tgaggaaagc tgtctccgct cgtgacacat ggcatgctcg ctcttcaggg 360

caggttacca tgtaggaaga tcctttccct tctatttcta tctttcttgg taaaagccat 420

catctgaggt gcagggtgaa acaagtggac acttgggcat tt 462

<210> 55
<211> 740
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (238)..(497)
<223> a, c, t, g, unknown or other

<400> 55
acagcgatca ctatttaggg aatatgtcaa cagacagtgc gggaagaggc cggagtatag 60

catgaaatta ctacctgcgg tgtggagctg tgggatccgg tactgaattc ttacccacta 120

ttggcagggt gtgaaaggaa caccccaggt ctgggtttct ccaacccaga ccatgggagg 180

tctgaggtct gagcctgggc tgttcctgct ccttcccggc tgcggttccg gcaggccnnn 240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480

nnnnnnnnnn nnnnnnngaa acctcagcag gaaagaggaa aattctctgg agggggggagg 540

ggaggggggc agcaaggcat gggagggacc gaggccagaa cagcagcagg gtgggctgaa 600

cctggggtag tcggaggagg gtgggacaaa ggccagccca ggatgccagt atcatctttc 660

ctacatccac tgaacttcta aaaccttagc tagacctccc gagaactcct tcaagtcctt 720

agcacaagat gtcccaatac 740

<210> 56
<211> 567
<212> DNA
<213> Cricetulus griseus

<400> 56
ccacagctta gtgctaaggg gtttacttag attatctcgc tgaaaacctt aggtttgcag 60

agtaagacat aagtgaccca gagatgcaga gctgggactc ggtgtcaggt ggctgggctg 120

ctaagcttca gctcttcgtg tgttagcaca ctgtagcatc cctaatgtct ccaacactca 180

agctctgtaa ccactaaaca acctgcagga gaggtgggaa ggtgattcca aagcccaccc 240

tttcccctct ctccactctg ctctgcctga ggataataca cacactgcct tgacttctag 300

gtggacacta gttgagttga aggactgtaa gcagctggac ttggccaaaa gagacatttt 360

gtgtgagcca gtgctgccac aatcaaagaa agggttctgc tgccccttg tggtgcaggc 420

tgactgctac tcagcaatgc tccagtacaa agctgaaatt ccatataaag gcacttggcc 480

accagacaca aatcagcagg aggccactct gattggctca gagtggaaca gatttaataa 540

cttgaaaatg tgattttgtc actcttg 567

<210> 57
<211> 347
<212> DNA
<213> Cricetulus griseus

<400> 57
agcaacacct aagattgttt gtttttgca gatttctaat tttttaaatt cctgtttcgt 60

ggtcgtcaag ctacaactct aacaactcaa acaaaacata atgtgtgcta gtgccaaagt 120

ctgcaggctg cattgtttcc taatctcatg tatcagtcat tttacacatt taaatcccca 180

ccagtggagg gtatgctggg tgactcagcc caaactgctg ctgtgagagg agtttggcaa 240

atggattaga gttgtataca gtttcttaac aagaaagtat ctttattcct tattccgtga 300

tatacggaga agactgatga aacagatgct atttcttata taattaa 347

<210> 58
<211> 1007
<212> DNA
<213> Cricetulus griseus

<400> 58
gaagagcatc agcttcgccg ttccatagaa aacgttgcga gggtttttca gaggcagtgc 60

ttatgaaaag ccagagcctt aggcacccga gggcaagcca cacacacaca cttctctgag 120

gtggacttcc ggcttccaca gggcaaacac tcggtttccc gcagagcagg aagtattcca 180

ggaccttggt ggagccaaga agggtctgtt tgctagcaga gaacagtgcc cgccacttaa 240

taggtgcttg gtgcatgtgt gtggaccgaa atcattaagt ctgtgaagaa cgagccgcac 300

tcaccacgcc gaagcttgcc aggtctggcc gctgcctggc gctttccacc gcctccagtc 360

caggcactcg gggagctagc tacacaaggc tcgcccgtcc gagctggggt cctcccggga 420

cagccagctg cgctgcgcac ccaccgcacg cgccagagtc ggaatggaag gcagagcaaa 480

aacttttccc gccactagcc gtaactccgc ccacagcctg atcccgattg gcgttctcaa 540

ccatgtcgcc acgcctaccc agggctcatg acgtatttcc gccatcgctg atgcccgccc 600

tgcgtagttc cggggaagtg ttcagcgtcg cagtttccgc ttccaagcgg gttgctttca 660

gctgttagaa gggtttcccc agcctctgaa ggtctttttt taaacctgga tgtgacgtat 720

tgaagaagcc gacggaaata gaatcgaaag cgttctaaaa tggcgaaccg tacggtcaag 780

gatgcccaca gcatccatgg caccaaccct cagtatctgg tggagaagat cattcggact 840

cgaatctatg aatcaaagta ctggaaagag gaatgctttg gacttacggg tgagtgacag 900

agtgcggccc gcgtctcggc cttgcggctg gcttcttcta attcaatgag gaaggataga 960

ccctcgggtg ttggtactgc aaaagagtat gtcaaccatt cacataa 1007

<210> 59

<211> 777
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (77)..(777)
<223> a, c, t, g, unknown or other

<400> 59
gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt aggaggggg ctggaagggg gggggaggg 60

ggggtgtggg tgggtgnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 600

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnn 777

<210> 60
<211> 570
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (1)..(292)
<223> a, c, t, g, unknown or other

<400> 60
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nntaatttat 300

aggcttggaa agtatgaaga cagttcctcc atctggagtg atctcagtgc tgtgcttgct 360

tccacccccg cctggatatg atctgggaag tctccagagg gcgagaacct gcttagccta 420

tagaatacaa agatgggtga gatcagcaga gacacctgaa gcacaaagca gaggcacaaa 480

ggaggaaaat ggccactatg aagacatctc tcagacagtg gacacatttt caatacagac 540

tcagcagtac ataccaaagg aaagtgtcta 570

<210> 61
<211> 403
<212> DNA
<213> Cricetulus griseus

<400> 61
aacatgtcac gtgagagcac agaagaggat ggtgacaact gtccagacac atgaccccca 60

aaacaaaaga catgagggag gatgcaattg atttgaccct gaagagagtt ttactcttca 120

aacaaaacag ggtcttctgc tgctcctgag gccacttgcc atgccactag cctggagcca 180

ccatctagtt ttgtgtagaa ctgggttctt gcaggtgcca ccactcagag ggccaccaga 240

gggtgctttc ctcctttcag gttctgcctt actgcaaaca gctccttttg ctcaatagca 300

ctgaatttcc caggcattgg ggattcggca gatgcagctg tggcagacag cttgggttct 360

gggcaagaga aaatgtcaat aattgtatgt gtgtatttct tca 403

<210> 62
<211> 1201
<212> DNA
<213> Cricetulus griseus

<400> 62
ccccgcgccg ccgctcggat tcaagtcgca tgaacgggtt ctcgcttagc ggacccagac 60

tctcggccag caccagcttc tcgtcctgcc cctccggcgc cgctccttgt cccgggcctc 120

cgctcagggc ggccagttta gctcgcctcc gctcaaggat ctcccgcttc caggcaggca 180

tcgcggtgcg cggccccggg cccggccgcc ctaggccggc catgctgcgg acgcagccgc 240

cgacgggact gcacaggctg cggctcgctc agacagactc tctcagctac ctgcctcagt 300

accgcgccgt gccacgcccc ccttggtagc cgccaattgg gcaagtgtgc tctgacccaa 360

gggcagaact gcccgccaat ggtagaggta tacgcccagt tgattggagg acacgcattt 420

acaccctccc ctatagcgtt cttattggac tacgaccggc accgaccagt ccctatgggt 480

gaagatcagt ggacacgctc cgcacctcaa tgtctgcccc tcacttccgc ctctgcgctc 540

tgaacccgga gcctgaggac cacaatttgg cagggctggt cttggcataa cgcctagcag 600

acccttgcga cctagatgac cttcgtacag ttccgactcc ctcgacactc acacaactac 660

tctgttttct cgggagagat ctctgcgcgg gagccgggag gtccttgctt gcccccgtgg 720

acggtacaca aacgcatggg ccttccacct ttgggcccag accctggtcc aatctggagc 780

ccttgaacct cggtggatag gcaggccagg ggccctttc tgagatccgc ccaggaataa 840

ggaaatgctt ttcgataatc tcggttttgt agatcccaga cctgttgctt agacttgtgt 900

gtgtggcccc ggacgttggt ggtgcacgcc tttaatccca gcacttgaga ggcagaggca 960

ggcgtatctt tgtgagctcg aaaccagcct ggtctacaga gtgagttcca ggacagtctc 1020

caaagccaca gagaaaccct gtctcgaaaa acaaaacaaa acaaaaaaga atacgtgatg 1080

ctccacaaag gacctagatt tggttccttg catctgctat atggccgtaa ttcattcctg 1140

gggatccaac gccctctgtc ggcctccaca gacattgcac acgtggtgca cacccacaca 1200

c 1201

<210> 63
<211> 845
<212> DNA
<213> Cricetulus griseus

<400> 63
gtgtgtgtgt gtagtgctgg ggtagccatg gtcccagctc cttttatata ttatttttca 60

attttgagac acaatcacag taagttgccc tgactagcct tgaactcact atgtagatca 120

gtagatcttg agcttttgat ccttttttttt ttttttttta agttgggatt tcaagacagg 180

gtttctctgt ataacagccc tggctgtcct ggaactcaca ctgtagacca gactggcctc 240

taacctggag atccacctgc ctctgcctcc caaatgctgg gatgaaagat gtgctccacc 300

acccagtgag ctttttatct ttttgtgtca gcctcctgag tagctatgac taaggacctg 360

gaccgcaggc ttagcttatc tacttctgaa acagtgtctt ggcatggggc ccagacagct 420

tcagtttccc agctgtttgg gcttgtgtgt gtcacaacac ctagtttgca tgctattttt 480

tatctgtaat aacttcttta aaacatttgg ttttgttaat tttgggggg agagttggtt 540

tgtttttctg agtcaaggac tcaactgtgt agccctggct ggcctggctc cctatgtaga 600

caaggctggc ctcaaacgca cagaaatctg cctgcctctg cctccaagtg ctgggattaa 660

aggtctgtgt cataatacct ggcttttaaa ttatttttaa tggtgtgtgt gtgtgtgtgt 720

gtgtgtgtgt gtgtgtgtgt gtaacagtta gacactcatg gagaccaaaa gcatctgatt 780

ttccagagct agagttgagc tacctgacac ggtcctggga actgaacctg ggtcctctgc 840

aagag 845

<210> 64
<211> 388
<212> DNA
<213> Cricetulus griseus

<400> 64
atttgcagga cgatggataa aattgaaaaa atattatatt aagtgaagta acttgggcta 60

agaaagacaa ccattctgag ctggagagat ggctcagagg ctaagagccc tctgcttgtt 120

cttccagagg tcctgagttc agttcccagc aatgacatgg tgacttacaa ccatctgtgt 180

ctgtacagag atctggtgcc ctcttctgcc ctgcagtgca gggaacatgc aggtggaata 240

gtgtatactt aataagtaaa taaaccttaa gaaagaataa agactgtttg ctttaaaaaa 300

gacaaacatt ccaaattctc ttttatgtgg caatattagc ttctaatttt tatgtatgca 360

tatgaatttc gactaggaaa gtaggggg 388

<210> 65
<211> 375
<212> DNA
<213> Cricetulus griseus

<400> 65
gggtgcattg tcctgggggg gggggaatca ccatcatggc cacatggtgg cagcagagaa 60

ctaattaatg gctgctccca cttgagaatg ggttggccaa ggccatctaa acaggcttgt 120

gaaggtcccc acccccacc tcccaagtac ccagaaatgt ctcacaatct ctggaggcag 180

gaccacattc acaagaggcc ctgtctggat gctgtgtaga gagtatttca gttcttctct 240

gcatgactat ctttagacat gttgactatg gaacactgga agggtgccat ggtttgtgtt 300

gtgtatttat tcatttctgg gccagttcca cttagggaaa agagcacctt ttatgttgcc 360

ttgggcatag tattc 375

<210> 66
<211> 452
<212> DNA
<213> Cricetulus griseus

<400> 66
agtctgaata catactcaca cacacacaca catgcgcaca cttctgagtc accatcataa 60

ctagaggatt gttctgtgtt ttttgctgca ggaagatagc aagggaccca aacctgatag 120

tcaaggtgta tgtggaagga tggtgtcgga gggtggttgt gtgtgtcaac ttagaatttt 180

tggctctcct cttgcctttc agggccgggc tgaagatcca aagccagtct tatgctgccc 240

cctggtgcct gcactgattt ctgtcttgca catccctggg cgccatacat aggacataca 300

tagccggaca agtcagcaga tggcaggaac aaactgcaca tgtagtatag tcgtggactc 360

tgagcggagc tctttgcgtc caacgtgcta acttaaaagc tggctggttt attatctgta 420

aaatggagca cacagggtaa cttagctcat gc 452

<210> 67
<211> 1122
<212> DNA
<213> Cricetulus griseus

<400> 67
tggcccaggc ccaggcttgg ctagaatgtt tcatgctgcc tctccccagg ctcagacaat 60

gacacaaata gcatcagtca ggaccagccc ctctggacaa gagacagctc atgtgcaaga 120

gtgaagagca ggagcacctc agctgaaacg atccaacact gagggctaca agggacaagt 180

cctcctttct ctttagatga cttcctctgg catgggacat tcccaagctg ctgatgtcac 240

aaaacagaaa aaggttagat ccacagtgaa gctgtgacca ttagtaactt ctacatggga 300

ctttatgaat ttgcctattt tttcattatc attatatcat tattgttatt agtttggcag 360

agatcatttg aatttggctt tccaagtact gtctggaaaa acgtctggcc acacaccagg 420

ctgccccagc tcagctgcct gggactgaaa tgggcactgt ggatacaggc acagtctcag 480

atttcttgtt gccggcttct ctgaccttct gagtcacacg acctgccgag accggtcctc 540

tcatctaccc agaggccgct caggaaatgt ttggctcgca ctcttggact catgtgccaa 600

aacagccgag atagcgatct ggctccaaac aattccagct gtaagtaaca cacttccgac 660

tgcaagaagc cagctaccgg gaacatggcc cagtcctgcc tgcagcccgc ccccgtgtgg 720

tgccccaggt gatgcctggg aaacacgcct ggaaagtatg tctgttgaca gcaaacagaa 780

tgagctaggc gcagaacagc ctgccacaac aggaactggc cactcaccag atttctaagt 840

ggcattacat tctgaaagaa tcgctgtaaa aatcttttga acttggctgg cttagtgggg 900

tattcgactg atgatctgag gccttcagtg taaacaaagg agagcctgta gaatagcact 960

ggccacagat ggaaggccag caattggagt aaagaagggt gttaggtttc tcacgttcaa 1020

gtcagtctca gagggtaata ggccaaaggg cctcaatcca gaatgacttc ccacacactc 1080

tgctagggaa tttggtgtgt gtgtggctta ggatactagt ga 1122

<210> 68
<211> 1344
<212> DNA
<213> Cricetulus griseus

<400> 68
aattatttat tatttatttg tggtacaggg gctagaacac aaagcctcat tcctcttgca 60

tgcgaggcaa gtgttccacc actaagtaag atatatccct agccctgcaa atcttagctt 120

tttattaaac caatcagagt ggcacatctt tacagtgtac aaaaggatta ttccacaaca 180

cctggattca ctctctagct caagatcatc ttaaactcat agcaatctcc ttgtctcagc 240

ctcccattgt gtgactactg tgggtgactc acaggccagc tttataaaca atatgggctg 300

ctgagatggc ttagtggcta agagcactgg ttgcttttac agaagaccca ggtttggttc 360

ccaacaccca catggccact cacaaccatc tgtaactcca gttccagggg atctgatatc 420

cctgggtacc aggactgcac ctggtacaca taaatacaca catatataat acatacatac 480

atacatacat acatacaagc agaacattca tgctataaaa caaaatacat ttttaaaaaa 540

ccaaaggagg acaggagagg gtggttaaag gccaaggcag tgttccagga ctttccccag 600

ggtgacatga atagatgtct gctcagtcca gacagggccc tgactgtagc ccaaagaaac 660

agttccaccc aagtctagcc cagagaacca atgagctcac tgggttactt actggggcac 720

gcttaaaagg tgacttatgg gagcatgggt gactcaaagg tagcactaaa aagtccactc 780

cagcaccggg tgatgactca taaaagtttc cttggtgttt tctgcccagc ttgcaggcat 840

ctccacctta gagtctccac tctaataatt gttaacttct tatgtaacct tggggtgggg 900

ccctgtaact ctcattagct cccagagtct tatggatttt cctccaggag ggaaatgttt 960

caattaggag gaaattctta catgacatgt gggcatccaa aatcaatggc aaagtgaaat 1020

ataaggatga gagagacaga gagagagaca gagagagaga cagagagaga gagagagcct 1080

tcccatacaa agggtttctt agccataggc ctggaccagt caaccagaca tcagctggac 1140

tatagattct agagtgtaat gggcatcagg gcaagtggcg ggtggcaaag aagaaatctt 1200

gtccccttg ctcttatttc cacctcagac cttacatctt atgcttgatg tcatgagcct 1260

caccccagaa atagtgactc agaccctaaa atgtcagggc tggaagtgcc ctcaatgaca 1320

gctagctctg tgctgtccga ggtg 1344

<210> 69
<211> 1947
<212> DNA
<213> Cricetulus griseus

<400> 69
taagacaact attaaaattg gaaccttaat ttctaccaca ggtccttccc atggctcagc 60

tgcaggcttt gttagtggcc actcacaaag gcctgaggca gtgtcagcga acgccttcaa 120

cctcgtggtc tctaaaatca gcccgtaggg ctctgcgttc ctcaaacgca cgcccgaaaa 180

aaaatgaagg cctctcgcgg tgactcagca tgctccgcca tcagagccgt tggtattcat 240

caacaaggtc agttgtccct accaacatag ccttcatcat agcgagaaca tgggtgccga 300

gtttccaacg gagactctta acaagcccaa taccaccatg tgggtcgcgc aagcatgcat 360

gcaacgccaa gctaccgtaa tctccatctc atgggcctta aaactcattg ctaagcgtcc 420

tccagcttga ggcggctcca cctgcaaaag actagccaac aaggcctaaa attaccaaac 480

caccaaggac tcttacctgc ccgcagtcgc ctcacagctc cgaaaggccg atatggcggc 540

tgagtcctgt atataaggtc tccttgacgt cacgacgcac ggccctccgc tgcgtcctct 600

taagtcccgc cccgtctctc agactcctcc tcaagccccg cctctttccc gctctcaagc 660

tctcccgccg gccccgccct cccgcgcctg gagggcggag tcgccgcgag cacgtcgagc 720

ccggcctccg cctccctgag gagtcagggc tgaggggagg gggctcccgc aaggaaggcg 780

ctgggggagg ggcggtgtga gggtgactga tttccttccg gcacgtcgcc cgctccggag 840

gagggggcg gggggtttca cttccgggac ggtgttccgg cccattccgg cccatttcca 900

cccccggagg taggtgctgt tccttgactg ggctcgggcc ccgctccccc gccccattag 960

cctataccgg acgctccttg gccgcgtctc ggctgcagcc agctcctggg gcgagcagcc 1020

gctccgcccc acctcccctc ccagcgctcg gcgaccttcc ccgcctcttt ggctcggggc 1080

tgcagagctt gcgggcccgc ccccttgcga gcccctccct caggaccccg cggcggggac 1140

acacccagac acacccccac cgcggctgcc tccgccgccc tgaaccgggt cccggggcgc 1200

cgcccccttc cccctcccgc gcctcacctg tgcgcctgct ctctttgccc gggttctgtg 1260

ccatctccct tcccgcttcg caaggtcccc ttctcccttg ctccctgact taacacggaa 1320

gctgctccag tacctgactg gccaacccca agcgttcccg attctccctt ttacagctct 1380

cgcccctcca gtgccgacgc tagagaaaga ctttacttca ggggcttcct cctcactggg 1440

gaattgctgg aaagagcaaa caaaaaggcg ctggtgtagg ctccaaaata aacatctgaa 1500

ttcgtgatgg catcgacaga ggctcttaat ggattaaaag tttcaaaaca aacaataacg 1560

ctttggaaaa aggtcagatt ggttaaagtt gctacttgaa agcagtgttt gcacttccct 1620

gtttactcaa tgaatgttgt aaatgcgggc tgatgatgtg agcttctcag gaccttcctg 1680

atgtgtagtc tcataaattt agagatgaat gggatgcaca gtgagccaca gtcgtcgtga 1740

tacatccgag ctaccctcaa ctgagactgt ttgatgcagt tgcagtcttt tagtgtgaaa 1800

tttcaggctt tattgtcagc tttggggaac caactccctt gaattaaggt agcattgcca 1860

ctttggaatt accaacctcg agtttgttgg gaagagaaag acttagtagc tagagaaaga 1920

aagatttact taatttttgc ctagcct 1947

<210> 70
<211> 2363
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (258)..(472)
<223> a, c, t, g, unknown or other

<400> 70
tcctagacct ttggcccaac ccttaccctc ctggggactg gggacctcca acccacaagc 60

aactcccatt tcccctaaat ccccttgcag attgactcaa gtctccatga agcccatatt 120

tctcccactg cgctcccggt aacggtgctg gccaggtcta caggtccggc ccggacccgg 180

ttgcgtttag tcccctaggg agggacgcag ggaaggcgga gccacattgc aagaggcggg 240

ggcagagctg gcctccannn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nncccacccc 480

cccccccccc gccgtagggg aagcccgaca gcccagaagc ttcttcaaaa gcttggtggc 540

ccgagtccta cccagcgccc ttttcccctg aacttcgagt ccgctgatcg tgggacccca 600

ggatcagaag tcaagggctt ctctgagttg cccaatgtgt gcatatggcg gtggcggtgg 660

gggcgggaaa gggtgcgagg aggtggagcc aggtcagcac gaggagggtt aacccccggc 720

cggcgggcgg ctctccctcc cacggggaaa tctcagcctt ttctgcagca gaacgagccg 780

tgcgagcaag ggggaaattc cccctcctcc ggggcaccat gaggtctacc tctgggtctc 840

gctcaccctc cagccacacc ctgaacggga acccttttag caggggtgga acaggctggg 900

gggggggggc tggagcatca acttctaggg aggggcagcc acgtccccta cacccagaag 960

acccccgttt cctctctgcc ccgagacttt tccatgtccc gggaggtgta aggccatggg 1020

tcggggaaag tggtgtgacg cttcggggag gggagtgtgg aggcctgtac ccacccgagt 1080

ccttccaaag ttggaaactg ccaaaaccca gtgccatcag ccactaacac cagcagaaac 1140

catttccagg ggaccaaccg ccccgcccag gggaggatcc cgagaggccc cgaaaatcca 1200

ccccccacac ttaaccaaag gccccccacc ttgctcgccc gcagacatcc cctcaccttg 1260

gcagcccctc tgctatcttc tccctttctc agcgggcact gccaggcccc atgggtctgt 1320

ggctctgtcc agcgggttct gggctggccc taaaaactca gtatgtacac gcacacatca 1380

cacacgcata cacacacgcg cacacacata cacacaaaca cgcactcagc tccaggcctt 1440

cctcttcact gtaaaccctg gctgccccgg cctgctgttt ccggcttctc tgtctgccca 1500

ggtccctccc tggagctctg acgacacaga gaagagaaag tgggctggag gaggaagagg 1560

aagaaagtgg ggtgaacatg aatgcctgct gtgcccgggg ggaagcacga tgaagcgggc 1620

agggctggag ctccactgag tcactggaag gaggctgacc tgcgcctcta gccccctaac 1680

aatgacccat tttttcctct gcaaagtcac ctactatctg ggagaggcat gccaccctca 1740

accgctcaaa ctttccccgg gtcggaggtc ggggccccgt gggactgtgc gctggggcat 1800

ctgaccccac tgggctgtgc gctccctcca gtggaggacc ctgagaagta gcccggagcc 1860

tgcgggcccc aagagctagg ttcacctcct tgccaggcgg gaacgcctta gaggtcccgt 1920

gacgctgtaa ggaggaagtg ggggagggga acccttagct cagaattctg gaagactccc 1980

agaggcgctg gaagggagag ggatccgcac agggtaccac gcctcagacc ctagtgatag 2040

ccactgagga ctgccaggag agtcctaggg ggtcaagctt gaatgtagat atgcaaaatg 2100

cctgtctgtt tctggggtaa acacggagac acaccccaat acaaacatgt ataatttccc 2160

tagccacaag actgcatgca cacgttcaca catgtaacgg caggctggca cacatgtcag 2220

cactcggagc cacttagtgt ctcacacaca caccttgctc ggccacacac acatgcacac 2280

gcacacacac ccacacgttc acacatgtca gcactcaagt cacttagaat cacacacaca 2340

cacacacaca cacacacaca cga 2363

<210> 71
<211> 1790
<212> DNA
<213> Cricetulus griseus

<400> 71
attcactttc aatttttttgc ttttataaag cattgaggta tgttctttat gcattataga 60

ttcaagtaag aaataatgac ctcttcttca ctgctgaacc atctctccat tccccgtcct 120

agtttttctc tgtgtcacaa cagacttaac tctttggatg acaggtcagg tagggtccca 180

ggctccagtc aacattagtt ctctacgtcc tcaatgctcg acccagggcg ccccctggcg 240

gtcagaagct gtcatcgccc gtggctgtgc cggtcccttc agcggcccca gggcggccgg 300

tagggagtgc gcaggcgcgg tccgacgtgg cccgggcctg gctgggaccg gagtgtgtcg 360

ggcgtgtacg gcgctctctc agtgggctcc cgggctcgga gcggaccgct ggcctccggt 420

gcgctttctg gaaggtcaga gtgggcaaaa gctcagctcg gcgcgggtgt ggtgacgcgt 480

gggcgggccc ggacacagag ggcgtcactc ggggctttgt gagccagact aacccggggt 540

acgccgcggg ctgtgggggg ctgcggcccg cgccacgccg gcatcttgca gggagctctt 600

ctgccgcaga agtttccaga agtcctgcag agggtattcc agctagtatt gaaggagcct 660

tcgccctccc tgcaccctcc agagtgctgg ccccgggagt ggcgctcagg tcttagatcc 720

tcccacccca ggacgccgcg catcccagtg cgggtcttcc cagccctggt actcgcttgt 780

tccctgtgag tccttccata cctggtccct gcggattcct aatctgagtc ctcccatccc 840

tgatccctcc ctattcatcc ctgtgtgcgt cctccacggt tctctttcca gaccccactg 900

gctttctcgc tccccagggc ctacagcttg cccatgggtg ggcagccagc tccaggagcc 960

acagcactgg gaatgaatgg cgtgggggtt tgctcattgg aatagactgg ttactggcat 1020

tcagcgtctc tgaggacccc tgcggcctaa cttcatatct ggaaaaagtt ttctctggga 1080

atgcgcacgg ttttgtgacg cggcattatt gcgttagtgt atggctggct ccgttactcc 1140

catggctgtg ttatttcttg atggtcctcg aggtttgcct tgttgtatta tacacttaac 1200

gattttgcct tctaattttt ccttttttttt ttaaatctcg ataaaatgac cctcggatat 1260

ctaagaagtt agcaactatc ttaaaattta cagaagcaat taggcgaata ataagtcagt 1320

agaagagtac tcctagttcc tagggaactg ctcttggtcc gtgctctttt ctgaccgtct 1380

taatcgatgg tcgtggagga cttgtttgaa acaggaaacc tctgtactaa tgtggaatgt 1440

ggtttgctgc ccatgcgtgg tgctttctga aacatacagt tctctagcaa gccagaattg 1500

gctagaatgg tacaggagtc gaatagaaac ccacccggag ttttagttcc ccatgttccc 1560

taccaggata ggagtaagtg atgtagtttt tggatcttag ttcagtctgc tgactgtagc 1620

taatcatgga atgttgtaca catcagtggg actgaatttc agctgtctca ttttttaaat 1680

atcatatatc tggggttttg agtaagctaa ttagctttat ttcatcattc catatttcat 1740

tttttaaaga atcagaataa tggggctggt gagatggctc aaccctggaa 1790

<210> 72
<211> 502
<212> DNA
<213> Cricetulus griseus

<400> 72
tagcttccag ccgtgtttct cgatttagta ggcagggtag aggagtggtt tctccacttt 60

ctcttaaacg cagcatttcc caccatgtag atccctctaa caataggaga tttttaggac 120

ggaaggggcc ccataagttg taaattcagc atcctctttg gtctcccaca agagggcagc 180

gaacaaaccg cctctgagtg aatgctggtc ccaggactgt gagatgtcgc cctctagtgg 240

acccagaggg ctcagacaga tggaggaggg agagcctaag agatgggatg caagaaggcc 300

cagaggcatc catccccatg tgaccagccc cattccctgg gccatcctga atctctccgg 360

caatcttttc accatacatc attccctgga gctcattcat ctggagtggt gaccaagcac 420

cctcatccac ccacccgggg ccaagctcgg gccaggctgg gaattcctga acttacagat 480

tcttgcttgt tcccacccat gt 502

<210> 73
<211> 631
<212> DNA
<213> Cricetulus griseus

<400> 73
caatggctgg tggtgatgca ccccatggcg cacacaggcc tgagggtgac cggggtaggg 60

atcttgtctc tgcaatcatg agaaggaaaa acctcctgaa aacgtccacg ggccacttgt 120

gcaccacctg ctgggaagcc accagggaac acgtgcgttc ccagcgaggc tgccgcacgg 180

gatgctttgg ggtcccctgg ccgagccagt ttcgctctcc tctgtggcca ctgcattcgt 240

gctgactaat ggttaagagt cagcaatgag ggctctaccg aaacgcatac ggaaaaaaaa 300

gttttgatgt gaagaggaaa agcaaaacac aacaaaaaat gggaaacttt gtcacttgga 360

tccttaggta ctaagtcgcc agggaaggta gggtaggggg ccctcgagga gaggacttga 420

cctatgagga agagaaagga aaagggaacg gaaggcacag ctagcacatc ctcttaaccg 480

ccccagaggg cacggcggcc tggggctgtc tttggagagg tccatccctc cttgtcaatc 540

agctccacct ggcattgcga ttggctggtg gcttccttgc tccccgcgcc ccacctccta 600

gttgcattgg gtttacttcc ccaaagtaca c 631

<210> 74
<211> 435
<212> DNA
<213> Cricetulus griseus

<400> 74
gcaccagcac cctccatctt gctagtgaaa agaaggagag tcccagcact tgggaggcag 60

aagcaagagg ctcaaagcca gccttgtctg cacaaggagt tggaagccag cctgagctat 120

gccctgttat caccccctcc ccccaaaaga ggagagccca gcattggtgg gtgagtcaag 180

attaggccac tgatctggac atcatgtggt ggtttgtggg aggccatgga cgaggtgtca 240

gcagagcttg agatcccaga cctgaaacgg aggcagagct gtgtcccgcc tcagggagta 300

caaggctggc tcccacctgg cctgcagcat gctgaccaag ggcttccata ttcctctctc 360

ttttctccca tcctcatctc cagtcaggca agcttccctt tttcattatc gaacaacact 420

atctgccatg tgctc 435

<210> 75
<211> 1254
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (542)..(923)
<223> a, c, t, g, unknown or other

<400> 75
gctacagaac atgaccgcag cacagagtgg tcaaaacgcg ccagttaaac gaagctgact 60

tcatgtttca caaatgcctg agggatgtag aaacgaaaag tttccagtaa aacggaacgt 120

tctggattcc tgtaagaaat taacgtttgg aagcaaccct atagtcttta aggaaaaaaa 180

aagaaaagaa agaaatcacg acagcatcgt cgtgcgaaca aaccatcaaa acaaaactga 240

aaaacgtccc gagaacaagt gatttcgaag cccgagaggg cagtaggaga gcccaggcgc 300

agagccattt cagctctgcc ctaagtcccg acaccgcgcc gccccttctt gaaaccagga 360

gcttggaaag aacattcccg aacaggtcct cgaggatcca ctacggagca cggagtcgaa 420

acggacgttt cgaagacggg gggcaccgtc gtctcccggg cagctctcga gcgcgcaccc 480

acgcgcaccc cggggcggcg gcctttgtgg tggggctgtg actaacgagg cccccgttcg 540

cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 600

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900

nnnnnnnnnn nnnnnnnnnn nnngctctgc ggggaggaca cgctctggcc cccgctcctg 960

gcccggacag tcccctccat ttggtcttgg ctttcttcta tcctttatgc gccgaaatac 1020

gcattctagg gggaactcag attactgcaa ctcttactgt gcttgcgctg gtaaggctgt 1080

tggaaataaa gtgaggacca acaggcaaac tggtcccacc tggtgggggа ggagatgctg 1140

ttagttagag acttagctaa ggtacttgta cagctaaacg tcattcgttc accactcgtg 1200

cattcatttt tttttaaact catctacttt gcaaaatttt cattaagaac actt 1254

<210> 76
<211> 919
<212> DNA
<213> Cricetulus griseus

<400> 76
aaattaaaaa aaagttggaa aaaaaaagta aggaaaggag taacacgatc ttatcatcta 60

aacatttaaa tagccacctg tccaacaaaa aataaacact acgtgaactt ctaatttttc 120

agcaaccata accatgtaag catggcaggg agggtgcgcc tgagcgggta gagagcgcct 180

ccagtggaga gagagcctag gcgcgcagac cctaggcccc ctgccgctct ttttagctac 240

caaaacacat tgagagtccc gccctttcgc agccccgccc acccggtggc tgtcactcaa 300

cagggactct ggaccttgta gttaccagcc cctcctttct tttcttccct ttcggtgatg 360

aaacccatga aaaactacca agcccagaag gcaccgcacg ctcccgaatg ggaggagcgg 420

cgggcgagag ggcgggacat gaaggcctcc cggaaaggat tcaaatttcc aggactgaaa 480

tcgcgggagg agccggctcc gcggctttag gtaggagagg ctgctgcgtc cttcccagga 540

cccgggcctg cgttctcgat ggcggttggt tgttaggttt ttcggtcagc accctccctc 600

acagcacaca gggatgcagt tacgctcggc cggaccggtt tgggctcccc tagaagtagt 660

ctggccgggc ggtgtcctga ctccgctccc ctgctcttag tgacatttga cagaaggagt 720

gggtggaggg actggagatg gcccataggg tgctgagcac tgttcgctct tcccgatgac 780

ccaggtttac tccccagcac ccacagaggg gggctcgcca ctgtctattt ctccagttcg 840

gggatctgac gcccacgttt ggcttccggg ggcactgcac ataacgtagt gctcagactc 900

tcgtgcaggc aaaaacacc 919

<210> 77
<211> 329
<212> DNA
<213> Cricetulus griseus

<400> 77
aagttggtga tcatcttggg acctgcttcc taagcgcgtc cgtctgcttc tggccactag 60

ggggcagtgc tgcacggaga cccactttca gccaccctga aaagggcccc tttctcttcc 120

acacctgtga atccagctgg gcaggtctgg aaggcctctg tcccaggcga ctgccggaga 180

agctcctgag tcaccatgga tgctggcttt ggacccacgg ctgcccccgg ggcttggcaa 240

gttgcactgg aaaaactggg tcaggcatgt ggcctagttt gctggttcgc agcacaggcc 300

agggatgaac ccgggagtgc gaagggcgt 329

<210> 78
<211> 485
<212> DNA
<213> Cricetulus griseus

<400> 78
tctctctctc tctctctctc acacacacac acacacacac accccaaagt aggtttttag 60

taagctttaa catgatataa agagatacaa ccactaaaag ttttaagaac aacaccatct 120

gggacattag aagcaacaaa ggctttatca gctcctagca aacgtctgaa ctacaacact 180

gacatctagt gttcatgctg atgaacctgc acaaaggcag caatgagcca cactgaggca 240

gagaagtctt cccatgatgc aagccactgc agctcaccac ctactggagg aatacaacac 300

aggcaccaac ctgtaaaaag tttacagcat tattttatac acatcctacc aatgaaaaaa 360

agtgatgttc ttgttttggt ttgtttttcc agcagttgaa ggcctttatt aggggtaagg 420

aaactcacat gcagcagaca caaagaaaga cagggaacac aagaagccaa gaaatcccta 480

ttttt 485

<210> 79
<211> 1272
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (245)..(261)
<223> a, c, t, g, unknown or other

<400> 79
tccccccacc ccaccctcca gcatagcata gtcccttaa tggtgagtca taccccacca 60

cagatgactc agttcctgat cttgtcctgc cttctcaaat aagagctttt tctactcaat 120

gaattttcac tgttctttga agttctggct tcaccactaa cttgaaaaaa aggtgtctct 180

gaatggcctg ggacttaaga acaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 240

aaaannnnnn nnnnnnnnnn naaagaaaga aaggaaaagc taggaattgt gattagggga 300

gatgggttag tttcttattt caaaaatatg cactgctgtg caaacagctg ctttttatgt 360

tttaagtcct gaatggaatg agtgaaattc agaagctagc ttaatgaact gtggatcttc 420

actgagcact gctaaaatcc cttctgtgct gcagcagcgt gtttgtgcag ctctaaccag 480

gaggtaaact caaaatctgc ctgcaagtga tagtgtctgc tcagggtatg gggcttggca 540

aatcagctgg agtcatcccc ggagtgccac aggtgtctgc tcctctaatg ccaacaccta 600

gtagttgtac tctccctctc ctgcttttgg aacataacta aaaaggcggc cgtagttctt 660

caccttcttc tcttgtcttt catctcttga gcagttctct cagtctcccc caggtcccct 720

aaaagactaa atacaataac aagaaaatag ttttctagtg tgtcccccct cccctgcccc 780

cttcttgccg cttaaccaca cacttgctcc atcctggtct acgcccccac ctagtggttt 840

aaattcgcca gttgtccttc ccttcagttt ccaatagctt ttaactgagc ctggtggtta 900

ataaaataat caggactcct gaggtgggtg gatggagttg aaagaggggg aacacctaca 960

aatgtggaag aaaatgctta atctgctgaa gtttctggcc ttacgaaaag gaacagagaa 1020

aaaataatct ttttttttct ttcatctact gcaatccagc taagacccct tagtaaaagg 1080

agcagcctct tgaagcttgg atgtattctc ttccccacac ttgctgtcaa atgaaagtat 1140

agtgatttag ttgactatca tacactgtct ttgcctctcc taggatataa ctgctgaaaa 1200

aactgggtct gaatttgccc tgtttgtctc catattccta gtgtggagga gaatacccag 1260

catcgattat ga 1272

<210> 80
<211> 1119
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (96)..(852)
<223> a, c, t, g, unknown or other

<400> 80
atctccatcc ttccactctt ccgttctcct tgggaactgg ggtctccacg cccgtctctc 60

ccttcctttc tgggccctac actctttata cctccnnnnn nnnnnnnnnn nnnnnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 600

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840

nnnnnnnnnn nntccgtccc cagatgctgc cctttgtggt cgctgccctc tggagggtgg 900

gatggggtgt gtgtgttgcg gggagggggt ggtccggccc ccttcgaaat ccagagcgag 960

gcaataacgt ttgtacgtgc taaggaatgg tgcaaggcgg tccgagtcat ttggaagctt 1020

agccttttt ttgtcgcaag accggggaga caggatgaga actgtcctgg agtgctcctt 1080

ttgcgttttc acaggagcta ctggctcgtg actcaggaa 1119

<210> 81
<211> 528
<212> DNA
<213> Cricetulus griseus

<400> 81
actggaaact ccttagacta acttgatttc aagacattcc tttgaaaaac acttgaggta 60

agaatttcat caagaagtcg gccccacact gaaacaacaa atccaaacat tagtgtttgt 120

atgtctttaa ctatttctgt aaattcgtca tattccactc tcagggattg gagctagggg 180

ttgtgcacgc caggagagct catgggtgac ggggacatct agaggctata gtaggaactt 240

caggaagctt tgagtgctcg gcattactca agcaagactg catgcagtgt gggaccctgc 300

cacaccaaat ccagtagatt ctgtgtgaca agttccacag actgaggtga taacttcaga 360

aggaggaggt ctcctggaaa tggttgtaga actctcagct ggggaaaaat attgggctgt 420

gattctcatg gcaatttctg ttcttctatt cctttttttt ttttttttc acaacgaaat 480

gttccaaaaa gcctatgctg gcattttaaa caaaagaaat agataaga 528

<210> 82
<211> 920
<212> DNA
<213> Cricetulus griseus

<400> 82
ctattatggg atttcacgtg ctttcattta agtctgtgtt tgctagaaca attctccaga 60

aacttcctga gaatgtacat aggacataca atgttttgaa tcacataaat gacccttag 120

gactggtgcg gtgtctctgt gtgtcaaagt gtgtgctccc atgcctgagt taggttcctg 180

tgacccacat ggtaggaaag gagcactgac tctgcaagtc ctttgacctc cacgtgcaga 240

ccatggcatc tgcccctctg taaacaaata ggtgtaatga aaatgtctat ttacattttg 300

tcagtagttt ggctgggggt agacatttag atgtgatcat gactcattga ctacttcaga 360

ggatgaggcg ggaggggccg acttcaagga gtggctgagt aactgtgagc tccaagcttg 420

cctgtgtaac ttagcgagca aaatcaggag tgaagaagtg ggtaacaggg gaagagcctt 480

ctaggcaact cccaaggctc agccccccgc cccagggctc catcaggaga agatcctact 540

tttggaattt ttttttaaac ttacaaatca ttgacttcct gtcctctagc tttcagtttt 600

actgtgttta aaaaaggaca ccattctgaa tctgaatcct ttgtcattat ctttgcatat 660

gtctttcttt taagaaagac tagtcacttc tgatagacct gacaagcttg tcttgcattt 720

ttgatgggcc tgtcccatct ggggatttga ggacttcagt ccggtaaact ctattccctt 780

tctgtcattt ccgccttttc tttcccagaa agccccaggg tttgagaaca tgccttctac 840

catactttaa aaaagggttt tgtttatcag ggtttttcct ttccccaccc attttctagg 900

agatttcttc acctttggtt 920

<210> 83
<211> 717
<212> DNA
<213> Cricetulus griseus

<400> 83
accttccccc acacccccat aactgaggca tgcgggagag tgggctctga tatcacaaga 60

gtgagagagc tgccccgacc ctcaccagct gcagcgctca ggatcgtggc agctcagcag 120

agctgactta tcgatggggg tatggatgaa tcagccccaa gaatgtgagt gtgggagatc 180

tggccccatc cctcatctgc catatggtgc ccgcggggcg ggggtgtcac tccctcttgc 240

ctgtggcggg agagatggcc ctgaggtcac aagaatggaa gagcttgtcc ctgcccctca 300

ccagctgtag cacttgggag agtgttcttg gcacctcacc taggccacac agtagagctg 360

gccctgatga tccaggtgtg ggagagtgga ccctgcgggc aggaaagcag gcgaactggc 420

cctgcccctt gatcatccct gcaaagggta aactgactgg gaagtgctgg agagctcact 480

ctagtggtga gaatgggggа gagcgggcag gctgacaacc cagcaactac ccaggcccag 540

aacccaggtt ggctcacccc aacatccacc catccatgaa ctgcaggagc gtgtgaaggg 600

gctggtcctg taaacccaaa gctgcgggat ctccacaaca cagggcaaca acaggatatc 660

caagaggagg cccagtgagg gcccagcatc gatagtgtag cagaaaccag aggcctt 717

<210> 84
<211> 366
<212> DNA
<213> Cricetulus griseus

<400> 84
gatgtgcagt ggcagcaaag ggtttaatgg cttcttcaag caaaaggagc ctgagctccc 60

aaatagatca gcaatctcct aggatcaaag gaaaagctgc tagtcaacag agactgcaca 120

gatgcaagct gcaacagtgc cacctcgtgg cagcatagag taaaagcatt catgtgtccg 180

accctgcccc ttcgctaaga gtctaggcct ggccatttag ttcttgattc tcctgcctca 240

gtttgcccca tcttggcttg tcgtggactt ctgataacca gccagatggt tctacaaaag 300

atacttgatg gcatcacagc tgattactga agaaactatt taatctgaag gggtgacaat 360

aactcg 366

<210> 85
<211> 482
<212> DNA
<213> Cricetulus griseus

<400> 85
acctccccgg gtcatcaggc ctgaatcttc tcagccaaac ctgttttctg ctgtgaggtt 60

tgggggtggg atggggagac cgactgtgga agtccctgaa ataaagtgat gcaattagcc 120

ctcacatgct tttgctgtct ctggagcgcc gcccctcccc cttccccttg ggactgccat 180

tgtgggctcc tcccccactc tggcgggacc agatggtccc cctgcccttt gtccactagg 240

ccagatggag ggaaagggag attggattcc cctccccacc cacacacacc caggtgccaa 300

gagattcggc ttaggggggg aggtggaggt cagtgggacc agcatgagcg gattacggaa 360

agggggagcg tatctgcttt gagatggggg aggggcaggc tcggtacacc cccaccacac 420

acacacacac tcctatccct ttcctagtaa aggatttaat ggcgcttcgt cccttataac 480

cc 482

<210> 86
<211> 729
<212> DNA
<213> Cricetulus griseus

<400> 86
aactgtcagc tctgtctagt tccagaacat tcctcagaag aagccctggc ttcatgagcc 60

ttcaccctgc cgggactgca ggcagcctcc tgcacacact gtccacaccc gcttcttggg 120

ttcacctgga catttcctgt cacagaggtt acattgtgtg gctttctgtg tctggtttgc 180

tctctgtcgg gttgctgtag ggcaatcctc ttcatggttg agtaatactc catgtgtctg 240

ggctctggtg agtcactctg gtgaggccag actgtgcttg cttcctgtta gaccatcatt 300

tcaactactc agctgttgga tggcagataa ctttgtctca gataactctg gcttacatgt 360

gaaagagccc tgccagggga ctctgtttaa ttaatgagtt agtgaggata tcttttaaaa 420

cttgcacaat tagacacaca tattcaatgc tgagggactg tatccctcca cccctgtgtt 480

ccagtcctca ccccagaacc tccaggcctg accttattag gaattaggat gctggagggt 540

gtaattaatt ctgatgaggt catgttgggg cagagtgggc actgtgccaa tagagtgtcc 600

ttttgagaaa aggaactttg acacagacct aggactcatg aggatgatga cagaggctga 660

gactgaacta caggccaagg acagacaggg attgccagag tcaggaaggc ctcccagagc 720

atgggagga 729

<210> 87
<211> 334
<212> DNA
<213> Cricetulus griseus

<400> 87
gtgtttcatc tgcatgtatg tctgcacccc agaagaggta atctgatccc attatagatg 60

actgtgagcc atcatgtggg tgctgggaat tgaactcaag acctctgtga gagtagccag 120

tgcttataac cacagagcca tatctccagc cccctcaacc gctttcttat agaaccatgg 180

actgcctgcc cagaagtgag taaaacaaca gtgggttgta gtctcctgtg tcaatcaaga 240

aattccttca gagacctgct ggaaggctaa tctgatgggg acaattcctc atttgtgtct 300

ccttctcaga tgactccagt tggtgttgac aaaa 334

<210> 88
<211> 2525
<212> DNA
<213> Cricetulus griseus

<400> 88
ctgccgctgg aggctaaaag agggggaaac ccaagcaaag ggcactctga acggtcactt 60

taaaagaaac ggcttggctt tgccgtctcg gttcagggat ctgagcacgt gggccggcag 120

cccgtagtgg cccggggctg gggatccggg atcggggctg gggagcacgc agctcctacc 180

ttcagggctg gaccatggcc accctcctcc ggacgcgcct tccgctgctc gccgcctcct 240

gcggcctctc tcggggcttc cgggacgcca cgcgccctct gggcactccc gccggtggac 300

tccgacccgc aagctgccgg accacgagac tccaggtccg ccagaactca aaagaagcac 360

tgaggggcag ctaaagacac cgacctcgcg accacacaac actagctcgt cccagcatgg 420

tctggctttt gacactgcac ctggaggatg caacagccag ggcttcctgg aatctgaaac 480

cacagtccat ccacgctctg gatgacatca ggggaggatg gtcccatttc actaaggggt 540

aaactcggta aagtctggga caattaaaaa cggagcccac agctatattg ataccagcac 600

ttgaaagaat agttattcag tactaatatc aacagttaac atggcataat gatataatgc 660

aatgttttta tatatagtat ttagtcttaa cagctgtatt ttagacgtag gtattaccac 720

atccatttca caggtaggga aactgagcta cttctagcca agcaacttgc acaagttgga 780

gcagccagtc aatactgtaa acaggactca aatgcagaca ggacaggctg caccgcctcc 840

ttcagttagg gaagggctgt gtagcagtct cagctgccct gttaaataac agcctaggtc 900

gggaagggca agccacttga aaaacatgac atgtgcggca caatatcatg gagtttctta 960

gcatgtgaaa atacctgtaa aggcatgcaa tttcttaatg ttatcactca tattcggcac 1020

actgccacat atgtataaat caagaccctt gctctgcaaa tgatacccat tttctctggt 1080

agcctgcaag ccaccagtag ccaaggacca gactcaagtc cccatatact gaagctttgt 1140

ggccctggct atcctgagca ccctgccaag agcttccctt agctcgaccg caaaagaccc 1200

agccctctca gacacacatt gaatgtgtgc cccctcccct tccaaatcac caccccggag 1260

cgatgctctc cgacccgcca gcgaacttaa tgagcaaccc aggcccctgg cggtcagctt 1320

cacgctgaca cagagcttac gtgaacaagc acgatgaaaa caccagctct cctcaccccg 1380

cggcgtccca caccttccgc gtggatgcaa ggcctgacgg aagcaaactg aggctaaaga 1440

ctggctggtt cctagtggct ctaggaagcc acgccctgct cttagtaggc gggtgaactg 1500

acagtgtcag aatgacaaag caaaaatcca gtcctcgtgc agccctggca acctgtaccc 1560

atcggctcgg caaagtaaga gctcctaatt ggacagcgcc tattcctgat gctcagaacc 1620

gccccacccc cacccaaggc tagggctgca attcaaagaa tgttgggaac cagacccagt 1680

agtagttgag tgtgcaatga gtaaaccatc ccctgcctgc cctgggcgct gctctctacg 1740

aaatacgtcg tcatatgagg aactttagaa atactgactc ctggcaccca cacagatgtt 1800

ctgatgacct tggtactggc tgtgaccctg gcacctaggt tttaaaaact ccacaagtga 1860

ttttagttga caataaagtt agggacgcac tgccctaagg caatggatta gtcacattta 1920

gtaattccct aaaggaagtt actgggattt ttaaatcata tctgactaac cctgaaaaga 1980

agtgactaat tctccttaca ttacttcctc cttgtcaggc ttggggttgt cttgttcact 2040

ttaagggaaa tagtatattt ggcacttagc acagcatctg ccaaaggagg catgtcctct 2100

catgcttctc taccttagg tcggtgagaa tgcttggtgg atagatgaat gaatgaatga 2160

atgaagtgtt tggcccacta ctttggttct tgccagggtg aaagaaaaca aggcgaaagc 2220

tcctaacagc ttaaggccac acctcctggt aactgggcgg cctcctgcgt tccttctagg 2280

cttttccaag gtgaaagtaa aaaacttgca caatgtacac acactgcaca ggctaaccct 2340

tctcccacac ttccccccact ccacacactt ctcatatgta tgcagtgctt gtaccatcac 2400

ctcacctgga ctgaggtgtt aggactgtaa ccaagtgctt agtagctctt tgtggcccca 2460

aatacctact cttaattaca catctaagta tcagaacttt ggaaaagcaa acccttgttt 2520

gattt 2525

<210> 89
<211> 513
<212> DNA
<213> Cricetulus griseus

<400> 89
agccatggag tcttgggaga atggagttct gaggggaaaa gcagggatat tttgaaccaa 60

catttaacgt ttaaagacaa cccagaatat aatggtattt agaaattctc aaaaccccaa 120

attttcagag aagggagctg atgaccctga gtaggtactt cagtcaagag attaaacaag 180

atgtgtcatg taactaggcc cattaacttt gctgcacttc tcctcgtcct ttgctgccct 240

ctagaggcca accaaagttt caagctgggt tcagaagtct tccttcgcct tcagcagtgt 300

ttgttactct aggtatctaa agaaaagcag cgtccagcta ttgttttgtt ttgtttttat 360

cttgttttga cacagggttt tgtttatgtc actgaggcta gatcctatat cataatttag 420

tctaggctgg aggtattaca tgaccatctt ggctctgtct ctggggcatt gggtacacac 480

tcaggactca agccctcact cccctccttg ttt 513

<210> 90
<211> 663
<212> DNA
<213> Cricetulus griseus

<400> 90
tttgtctccc tagacactct caactttcat cccatctgta catgaaatct gggatccaca 60

aatgatagaa aacatgtgat tttttttctg agactggcat aattcaccca atatggttat 120

ctccaattgc attcatttta ttgcgcatga caaaactgca ttcctcttta tggctgaaaa 180

aatccatcat atgcacaagc cacattttct gcattcttct gctgatgggc tgattccatg 240

acttagctag ggtgaatact tctgtgatga atactgataa ttatttctgg gaaatgctga 300

gtggagtctt ttgggtaaat atctaacagt ggtataccag gctatatggt agagctcttt 360

tgtaagcaat cttcatggtg gtttccatag tgattgacta gtttatattt gcactctctg 420

agtaaaaggg ctctcttttg cctactccct taccaatgtt tattatttct tctgactgtc 480

attctgaata gtaggagatg gcattccaat gtagcatggg ttttcatttc tctgatggat 540

agtgaggttc cacatttttt cacttttttg cccatttgta tttcatcctt tgtgaattat 600

ctctttattt catttgctta ttgactgatg tggttatttg acttcttcat tcaaatggtg 660

agg 663

<210> 91
<211> 328
<212> DNA

<213> Cricetulus griseus

<400> 91
ttctaacata tatgccctgc tcttgatctt aatctctaat aataaccttc cataaacttt 60

ggagtaaaat ggaaccaatg gatgataagg attcatgaaa attagaagca tgcttccatc 120

cagcagaggg cacaagtagg ttgggatcag agttcagaag caaatccctt actctgtccc 180

aaatcctgcc agcattacct tccaaggatc attttcaaaa aaggggggcag ttatgactgt 240

atcatatccg tagattagtc atcaaatgtc attctccttt taaatgaaca aaaaaaaccc 300

ttcagtttcc ttaagagtaa atctacat 328

<210> 92
<211> 475
<212> DNA
<213> Cricetulus griseus

<400> 92
cacactgggt ccttggaatt ggagtcacag gaggtgtgag tttccatgtg gatgctggga 60

tctaaaccct ggtcctctgc aagagctgta agtgctctta acctctgagt catatctcaa 120

gttctgaaga gctattttta ttatccacca caaaatacca ctcctgagca atgtgattta 180

cctacctctt agtcatagga tcattcacag gctatgggtg ggaatgcaga attctggtta 240

tcctgatggc tcccaaccca ggacagtcat cacttgttat agagccagga tgggcctttt 300

gtgggcatag ggctgcagga ctcaggactc acagtcaaat atacaaacat gtgaaggaat 360

ctctccatgt cacataaaga cttaatcatc cttcatgagt cttcctaaat gtcatttgtt 420

tagtatggat ctccttttaa gtccgggaca ggactgatcc aggcagtatg tgttc 475

<210> 93
<211> 1160
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (243)..(387)
<223> a, c, t, g, unknown or other

<400> 93
gctctcagaa ctccccgaga aacaaccaga agcggaggac gggagacgag aaggaatatc 60

catccaccta gctaaggtcc actggaagct ccagtctggg ctgaggccgc ctgcggccca 120

aggtcgcgcg gccagaccct gcccagctcc agggcggagt ccccctcggt ttccccggtg 180

agggcaaggc cctctgagag gcactgacct ggcttgagtg gctggccccc cgcctctgcc 240

tcnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnctg cctcgaaacc cccgcccctc ccgggccccg 420

cccccaggcc cttccatagc gacgttggct cctcccaaac cccctccgct cggcttgctc 480

ctttgcagcc ccgggtgtta gcgccggccc ctcgcagtgc ctgcctcatc aaaacgcccc 540

gggaatcctc ctctgcctcc ctttcggtct tagccacacg atgaaaaatg ccagtttccc 600

acgctcggtg cgccgcttac ctgatggcga ccagatccaa agcttagatt cctagtccaa 660

gcctcacttc ctgtggcacc acagcaattt tggggctcca gcctagctcc cgcccaatcc 720

gtccctggag tactttgtaa gtgggggggg ggtctccatg ttccttttgg ggctcgagga 780

cggatgcttc cggcggcccc ccgggtcctc tccagggccg gaacgataat gccagagccg 840

tcgttttccg agccggcgga gttaaggagg aagcatacgt cagagcgctc tcgccgctgg 900

ggaaaggaag aggaggggcc ctgcgcgcgg tatcctggga acgcgtggta ttctgggtac 960

cccgggcccg ccattccctc gcttcacgcc ttcgccgtgt aacgtttgtg ccagggccga 1020

aagggagccg gtgaggagag gcggagaacc ggtaagagga ggcctaggcg tccccggagg 1080

gttaggggca ggaagggagc ctgcggagga gctcagcggg gcactaatgg cgggcgggaa 1140

gcctgggccg atccaaacac 1160

<210> 94
<211> 805
<212> DNA
<213> Cricetulus griseus

<400> 94
gtacccaact gacccttca aggcaaattc agacctttcc actaagtgca aaccagcctt 60

tgtccagtgc aaagcttatc aaactttaaa ccatccagcc tcacctctcc caccctcaac 120

gacttaaaaa ttgtcagcct ccttcaagac caagcaaagc ccagccctgc tccggtgccc 180

gccagcctcc actgtgtcag agacacttcc tccgggggat cctttgtgcc tctcaccttc 240

cacctcccct tgttggcccc ttcaccttgt tctcatgctt ttctctggat gcatttactt 300

ttgtgcatat tccctcacca gcagttacct cactgaaggt gagtagtacc ctcatgtgtg 360

tgattgttgt taatttcttt acctagaata tagggttcat tggggcaggg gtggtgtctt 420

cttttgctgg ccccttttat cctaactgtc tcctctggtg ccgcgtacct agtaggcacc 480

gaatataggt gttgatgaat ggatactaat gcgtatgtgg aagtttcata cccagttaca 540

gtacttggca ctaacactgc catctagtgg caacacatta ttatgcagtg gtcctagtct 600

cagacactgc aaactctgtg gcctcactcc aggcccagct ggccatcact ctgtgtacga 660

tagacacctg ccaagcactt gccctggcta ggttatccta tcaggttttt catgccactc 720

tctgtttgaa acacgagtca gttacctctg gaggtcacta ataactaagg aggctgtatt 780

taggctcttt tgcggtttta cgctg 805

<210> 95
<211> 671
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (313)..(422)
<223> a, c, t, g, unknown or other

<400> 95
tgctatctgc caccaaaaaa ggcagcgctg taataatcct ttgaactcat tagcattgaa 60

aaggaattcc tacagcaggg ttattatctt tgcacataat atagccttta aagcctcccg 120

ttactgcttc ttgtaagaac ccagtaattg aaatcgagac gctggcgttc ctgagtctta 180

gtggtgggac tgggcatgcc cagtaagtag ctccgccgtg cttgcaaata gcaagcttgc 240

agggttcagc gcctcgggga ctggcggctc tggagacagg tctgacttct ttagacgtaa 300

gcatgcgggc acnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420

nnagacgccg ggtcattttt gccagcgctg ctgtgcggtt ctcacgcccc gggctgcaga 480

cagctaggag gctttctcta gtctcaacca ggctgcgggt gctccctccc ttcctccctc 540

ccgctcgctc ctctttttttt ttttttttttt ttttttcccc gggggggttt ttggctgcat 600

ttgcatgaaa tcccaatggt gtagaccagt ggcgatggat ctaggagttt accaactgag 660

acatttttcg a 671

<210> 96
<211> 417
<212> DNA
<213> Cricetulus griseus

<400> 96
aggcagcagg cagccaggcc aggaagttaa gcaatcacat ttccaaccac gcacagaaag 60

cagagaaggc aaactggaag taagccaagg ctataaacct aaaggccact tccgatgatg 120

caattcctcc agccaggtca cacctcataa aggttccaga aactccccca aacaacacca 180

ccagcatttc agcaggcgtc ttgtaggtga tggactactc gaaggaagct gttttccagg 240

aaacaacatg ctgatgcaca catgaactag agggacctgg actaagtcag gccagacaaa 300

ccccagcacg gagaaggcgg agtgggcacg ggagtgatgc tgggtgagtc agccacactc 360

cagggcagac ctaatctcag gcgtagttgg ccagcacaaa gcagactcca tgtttgg 417

<210> 97
<211> 641
<212> DNA
<213> Cricetulus griseus

<400> 97
ggcagtaagg acacagtcca tactgagagc cagtgaattg cccatcctca acaaggggaa 60

aagttggtga acaacgcccc cttgtgtact tgtggtgaaa caacaatcta gaggggggtgg 120

cagtagtaca tgaagtgcat cccaaaaggt tcagtgggca gcacaggttc agtttgtgcc 180

cctgatcctg aactggtgcc tgagcataga aggtatttcc tctggtcctg gaggcaaaag 240

atcttgttcc cgcttcctgt ctcagggctc tgactgctct tctttttgat gcatcgccaa 300

atggttgatt atatacgcat gcatgcacgc aagcaggagt gtatacattt atcctgtggc 360

aggtctcctt gtcccacaga aatgagacac agcagcagtg taagatgatg ggaacaggga 420

agaatgctgt gggggaaacc gggccactcc cacattccag ttttctaccc tgagacgaac 480

agccctgtgt ttacatcagg ccaattatgt ctctgtgtca gaggcacggc tggtggcttg 540

tcatcgaggc agacctggaa tatttcactg attcagtatg acacatgcat caaagaagaa 600

gtttccagaa gaaatttctg aaaactccaa cactgaccag a 641

<210> 98
<211> 408

<212> DNA
<213> Cricetulus griseus

<400> 98
tactgggctc agtgtcactt aggtaggtta attgctagaa tgtcctgcat cctccaactg 60

atgtcatttt attacagaga agtaagatga tctgaaacag gataatcatt gcaaagcccc 120

ggtgtagaag ccagagctct tcatatcttt agtgtttcag gttgtggttg atcactgctg 180

taccaaaggc aaggaagctt cagagccctg gagagagcat gtgattagat atttttgtgg 240

gatttcctgt gcagcttctg tcttagacac agaagtgcat gctgccacct gatggacatc 300

ctgagaagtt gcaactaaat gtttttaatt gtgaaattta actagagaca ataagcaaca 360

aaatgttagt ataaacacat gaaagtgaaa aatttatatc aggacttc 408

<210> 99
<211> 1286
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (84)..(934)
<223> a, c, t, g, unknown or other

<400> 99
tgtgcaccag tgtgttccta agactgcggc tttgttctcg tgaaggcagg agccggaact 60

gcacgctagg gcggcagcgt ttcnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 600

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnccggag ttccagggta ggcggccttt 960

gccggcgctt ctcagctgct cgtttttgtg tacttggtta ttgtggagcc cttttatctg 1020

cagcgcctgg gaggattttg ttttgacaag acacacatga atcagaatgg gcagactttt 1080

ggtatgcatg tcgcatgtgg ggcaggaaag cacacacgca cgggtctagg gttagcacac 1140

actaggataa gggcttgtga aggtgctagt tgaagcctaa agacttaaaa aaaaaaaaat 1200

caggcaccta gtcagctgct ttaccgtagt aaaactgttg cccgcttcca gctcggtatc 1260

cgctcctgcc ttttggaccg ggggcg 1286

<210> 100
<211> 2518
<212> DNA
<213> Cricetulus griseus

<400> 100
agtgagttta agacaggaag gacacattct tatgtctgga aatgaatcag agatccgcag 60

tcactctgtt ttgaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa acatcattcc 120

ctagctgagg taacagtgtg gtggttaaga aagccaacgc tgggagcaaa caagcctggg 180

gtgcgaattg cagtttggcc gctggcctgc agcaggacct tgggtaaact cctgtgtcct 240

tgtttgttgg ggtaagcagc tcctccagat gtgctagggt tttctgattt caaggaagtc 300

ctctgcctga acccatctgg aagaagctaa tggccgtcag ctaaaccacg ggaagcacta 360

actgggcaga catgatttga ctatttttc accacacctg gcatgcagga gcacttcacc 420

agggtgctcc ttttttgagt gtctacaagt cctagcctcc cccgccaccc cgtgacacca 480

ctgagcaaga gaagccacaa gcctgcaatc atttctaccc cacccatctc tccctttctc 540

cccaccccaa gagagatagt cctgcccatc acaggttaga aggtaaaagt cctctccagc 600

acagcttggc tagtcaaccc ctgagctctt ttgtcccaag ccatttgacc tcccttatac 660

aggaggctgt cacctcctgc tgccctcagt gccaggcctt cctccccaca ctaatctcag 720

ccttctccag ggtttgtact acctgccttc tgtctctctc tgctgtcggt gtacccttg 780

caatccattt ctgcattttc ttcacatttt cttttgtaat aatttgtcga tggaccttca 840

tcctgtgagc acccttcagg caaatattat gtcttgtctt ccccctctcc cagagacatg 900

catagtttct aagacaaact cagtgctccg caagtgtgac cagactgcgt tcgtgaaggt 960

gatatggttg ctttactttc aataatgcta atagctggga ttgtttgagt gctcctgatg 1020

gatcacacaa tacactgggc atgtctttat ttaatctccc accaaagcat cagatctgat 1080

aagtggcaaa tagctaaatg aggcccaggg aggtcacact ggctgacctt cttgacctct 1140

ggctcttgcc tcaggcacac caggcattta gttagtgcta gctgctggct tgagtgggtg 1200

tcatggggca ggagctgagg aaccaccagg gaagggagca ctggacatag agcattgtcc 1260

tcaggccctt gaaggccagc tgtcattagt gtatttgcag ggactgccag atccctgcgt 1320

tagcatggaa agcttttcct aagtcatgcc ttcccagcct tcttcatcct ctcagggcaa 1380

ggtgaagtct gagaaagcaa aggaattatc ttcaccaaat tctttgctga taagaccagg 1440

ggagtttcca gacactttcc tgtgactgtt ccagctgaga acacagcacg aatcagcagt 1500

gactcagcag agaaaagcag ggattgccga aggttcccag gaagacaagc agctgctata 1560

catgcacttc tccaggccag ggcaggaaac cacaggtggc caggagagag ggcaggggat 1620

ctcaagatga gagactggat gtggaaaacc acgaatggcc ttggagtcag gtcatgggat 1680

acagacctag tccttgctac ttaccaggaa tgtgaccaca gctaaacagg taaacttccc 1740

aagattaggg cttccctcca cagagtagag cagaaaagcc actgtgaaat caaagagttg 1800

aagtctacag tgttcaagca cagttaccca tcataacagc agaaagagga tgggagggag 1860

ggtaggtaaa gccaccttga actggaaaat gtagcatctg tggggccaca agctgagcta 1920

gccaccttga tgtggctggg tcctggctga gaggacatac tgatccctag ccctggaatc 1980

ctgatgtgtg tttcctgcag gttgctgtct tcaggaaggg ctggattact cctggctcat 2040

tgtgtttgca tcatgtatgt tttgcattgg caagctgaaa agtgcatgac tgtgatattg 2100

tcaaggggac tttccctctt gtgctcaagc tggactggcc acatatcccc agggacgttg 2160

gctgtggtga atttcctcta aatggatagc acttccgctc atgagctcta cagcccagct 2220

gacactttcc cttcttccca tcccccactg ccttgtgagg aaaaaaactt gtgtttacaa 2280

aaaagatgct catatcacga gacatcattt cttcccttac aaagtgtgac aaagaaaagc 2340

catgtggcct tatgctataa atgggcattt tttttcaagt caacaagttt ctatgaaatc 2400

gagtgtctgg gtacaaaatc ccaaagcctt tatggataga cagggcttgg ggggctgttt 2460

taagagtgtc aaaagtaaag tcttcagagg agatgagaca tccatccaga tgaagatg 2518

<210> 101
<211> 911
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (1)..(498)
<223> a, c, t, g, unknown or other

<400> 101
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480

nnnnnnnnnn nnnnnnnncc cgggagcggg ggggctggtg gccggggagc tgcagccagg 540

agggctgtga cctcctggct tccgccttgg tttcctggcc cggggctgcg gcctcccagc 600

tgggcactcc tgagtcggcg tgggtgctct gcccacccaa gcccctctcg gcgctagcag 660

ttctgagagc cgggctgccc acttcaggcc ccccagtgcc ttctctaccc gcgatcggca 720

gactctttgg gaactaagag tggggttccc agccaagcag acctcgtgag ccgcactgtg 780

tgtgtgaagc gtgcacccat tcagaccaaa tccttcgttt cttttcgacc ctccctttcc 840

gtctcacgct gttaactaaa cttctatttc cagatacccc acaaccaacc aaccagtctg 900

tcctatgtct t 911

<210> 102
<211> 295
<212> DNA
<213> Cricetulus griseus

<400> 102
ggctttctta cagaggttag cccattatca gcagacatgg tactggagaa gtacctaaga 60

gttctacatc ctgggctgga aagatgcctc agtggctaag aacactaggt ggacttccaa 120

aggtcctgag ttcaatttcc agcaaccaca tgatggctca taaccatctg taatgagaga 180

tcttgtgcct tcttctggct ttcaaggata cttgcagaca gaagactaaa aggcagcagg 240

agacactgga cctagcaaag ccagtgacac ttcctccaac agcgccactc cctgg 295

<210> 103
<211> 626
<212> DNA
<213> Cricetulus griseus

<400> 103
tcactatgta gcccttgctg cccaggagtt cactaataga ccaggttagc tttgaactaa 60

gaaatccatt tgcctctgtc tcccgagtgc tgggattaag ggcatgtgcc tccaagcccg 120

gccttttcct gaatttataa atatattaat ctccatcaca catagaacat accacatttc 180

cttttcatcc cttgtatcag tctttctcat acttactctc atgtgtgagt catctgtggg 240

ggttacagaa aatctctgag tcagcaggcc tggggagggc tggagagtcg ctatcgctca 300

ccaggcagag tacgcatgcg tatgtctgtt cccgcggcag cctgctacct ttgcagtgtc 360

agtagacctc tggcggccac attggaaatg tgcattattt gtcacgcagt caattttctt 420

tttctgaaag tattaaaagc tccatctccc cgaagccagc aaccctacca gccttgttat 480

tggcaaagcc aatagtgttt actgattagt tcagactcat gatttatgct ttggtgccac 540

tccagacaga ccacacagct ggacagtggt catcaaagaa gggacatgtt tagtctacat 600

aaatattgaa gtgaatatgc ctcttc 626

<210> 104
<211> 523
<212> DNA
<213> Cricetulus griseus

<400> 104
ttcatggtct tcggaggggt cctcccggga aggcatggtg ggcgtagagg tcaggatgga 60

ttcctgctgg aggcagggag atccagagga tgcgggcgcc ttctgcatgg aaaccggtgc 120

agtttcgatt cctggattgg gtctgtgagg gcgggaggtg aatcctagac ttgagcaacg 180

aaactcagcc gcctcagctg tccagcgggg agatacccgc cgtggacccg ccccccgaga 240

ggaagtgaga caggactggg gcgggtctag gggcggagag gctggttctg aagtcaccct 300

tcgggagtta ggaaagattg gggagttttg gagccacctc tggtagaacc agagaggtta 360

accaaacaaa caaacaaacg agcaagccca gcgtgatggc atagctctgt aagcagaaac 420

atcgcgagtt tgactgctct acgagaaaaa gaccctgcca cgcacacaat atgcactttg 480

ggagagatgc agagttggca gaggcatttc cctgttgcag atc 523

<210> 105
<211> 443
<212> DNA
<213> Cricetulus griseus

<400> 105
gagcagccag tgctcttaac tgctgagcca tctctacagc ccttgtgctg tattttattt 60

gtccctccct ttccttccct cattccccac cccatctttc ttctctcatg ggggaatctt 120

tacatacttc tgcagtgatt acatccagac tgaattccta caagtatagc tcttgcagtc 180

tatcgcatgg ccccatgctg aacacatcag agtcttgggc ctaggaagag attagcaatc 240

tttacccaca actccaaccc ccagattccc agttccccat ctggtgcctc agcccagttt 300

gtctcacttc cttgattgct ggcccatgtg gagagctttc taatccgaag gctgccctgt 360

gggaaggtac ttcttggttt ggtggttttc actcatgtat tgggggctgg agggtggtgt 420

ccagggctgc tgtgggaaca tgg 443

<210> 106
<211> 854
<212> DNA
<213> Cricetulus griseus

<400> 106
gtgtggggca gctagctaag aaatgttgga agggtctatt cctggggtga cttctgaaat 60

tttgaccttg aagatgagga tatgggttgg atgcaaggct tctccgggcc ttttaatttc 120

ctaactttca ttgcaccaaa gaggaaggaa atgattattc acagtcaact gtatacaaga 180

cactgtactc ggatgaaatt gaacactttt caaacttagt tcctactaaa gataattgtc 240

atggtgagac cggccactag agggggctta ttttgcctcc agatccttca ggtcacaatc 300

atgtcatcat cgactgtgta tttaagtggg catatttcaa aaccgtagaa taacagtgca 360

tgtgctctct gagtaaaata aaatggctac cccataaagg gtccaagaag gtaaaatgac 420

aaagcatggt caacccaaag atgtgtgtgt cctgatgtca cggtattagt attttaagct 480

aaagattcat actaaagttt aataacttaa ttgttaagag tgaacttata ctaagtgcat 540

tataaaagta actattttcc attcaggggg aaagtgtaag gactttcact agatgatgta 600

agctcttgta caaagccagg ccagtgacct ttaaaacact tgaaaggtta gtcaattcag 660

ggtgctcagt caagatctga taaactgcag ctacaagcca aataaaatca aatagaagtg 720

agtaggacaa cagtttagta ataaattatc aaatatagta tattacagtg tgagggagta 780

ataaaaatac tgagacaata taataaaagc tgtatcttaa tccaaacgga agtgttgtgt 840

gttaaaaggg aagc 854

<210> 107
<211> 517
<212> DNA
<213> Cricetulus griseus

<400> 107
agcggtgctg agaacagagt tctctaggca gcctttgaaa ccgcctgtct gattctgacc 60

acgcagagga gcggaaacag caggacggaa tcaaatagaa gtctcaagct ctagcgggcc 120

agggtcttta ctgcctggct cgctccgttg atcgccgggt gggggacagg agcggagagg 180

gacgccgttc ggaagcgaga ggaggagccc gagagcggac gggagcggag ccctgcttga 240

gggcgtggtt tgagaggatt cggggcgggg ttctgggcgg ggctctgggc ggccccggtg 300

cgccgctgcg ttccaccctt ccggcacggc gttccatcag ctgcttgcac cttccgccta 360

gctcccgctt tccgcgcggc ggtcgctgag tttcatcttt ccgtggcctc tgcggcgccc 420

gagcccgcaa tgtcgggccc caacggggac ctaggcatgc cggcggatgc gggcgcggaa 480

ggcgagaatg acagcttcgg ggaagcaggt gacctgg 517

<210> 108
<211> 407
<212> DNA
<213> Cricetulus griseus

<400> 108
ctggctgtgc ttcttgggct tgggtgtttg ggggaaatca gatttccaca tggcagacac 60

ttgaaatgca ggtattaatg tccctgaggt aggaatgtgg agagaagact gctctggaag 120

tggggtatgt aggatctgag ggctagtcaa gggtggttgg tacttccagg gactgggacc 180

aagcctgcta catctatgtt gcaggaagat tggctctact ctgaacatct gagtccattc 240

tatgtataca ctgccctctg gtggcattca ggagaattct aagcctaagg acataggcag 300

tcacccccc tccaccctcc caccaccaca aacacactct ggaccaaagg gaatgtatcc 360

catggtgcac cggacttact cacaggagcc atatcccaga aggcaga 407

<210> 109
<211> 489
<212> DNA
<213> Cricetulus griseus

<400> 109
tgatgacagt aggggaccaa gggcagtttc caagtcatga ttcattatat tttatagtgc 60

tctaacacct agttctcagc gcattctgat ggcgttggta ctattagaac tatcttctaa 120

cagaggggag gcagccttga cagagaccac agtgagtccc ccagacctca gaagagccaa 180

ttccagtgtt ctgttgtcat cacccctggg tgctagtcta ctagtggcca ccaggggca 240

gaaagaggcc aggaattcag ataggccgcg gctttcttga acttccctaa gcctttcttt 300

gtgcaaaagg gtttgatgat caaatggttt gacctctgtt ttttattttg ccacagaata 360

aactcagacc cagagaggaa cagtgactaa cccaggctac aggaccaatc acaggcagaa 420

gtgaggcctg cactctcacc ctgccagcag ctttgtctgg gaaggtgaga gacacagtgc 480

gtaaggatt 489

<210> 110
<211> 1806
<212> DNA
<213> Cricetulus griseus

<400> 110
aggcctcagg agacaccagc ctggttggac ccttggtgtt gggcttccaa cctctggaac 60

cagcatcagg aagcagtgcc agtgttgaat ctgtggtgac cctgaccagc taatgtatta 120

tgctgctagc ctgggtaact gcagttccag gactggctgg ggagcctctg cccaggggaa 180

agcagcctaa tgagggctgt gttctgggaa ggcacacttt gtgaagctga gatggtcagt 240

atggacaggc tcagaccctc caggctgagg accataatga gcacagcatt gggggtggaa 300

ggaaggaggc tgctgtattc acagcagctg ctaggcttcc cctcccccac tgcctgtgaa 360

tcccctgggg ctcttcagtt gttgggtgtg aaaaccaatg gcagaacagc tgacagagcc 420

ttggaaacac ctacacagcc ggcatcagcc ctgggaggtg ggcctataca ctgggatgca 480

cacccagctc tcctgattgc ttcccaagct acttgtctca cctcttccct ggcaggtata 540

aaccttccct tgctgggccc tggtccaaac acctacttcc atatctattt agaaggtccc 600

taccccaggt gccttatcca cagccaccct cttcatgctg tcacagaact tcacctgtgc 660

ccaactccct atagccaatg atgccccatg gccttgtgca tgctcagctg ggttcagatt 720

tagagagacc gtgggtaact aaaaagacca ggaacatagg ctcagcccaa acagcctgga 780

gccctcctga gccagacact gcccacccac aatcctgtca tatgtcctgt atacaagtgg 840

aagtattcag cttttgacct gatacttggg tcatgtaaat ctgggcatct ggccagctgt 900

ggccagcacc ctctctcctg ggtgttctct catacatggg ctgcctggct cctgaggtcc 960

tgtctagtac cacacattac ttctaaacat gagtgtccct cccactgggt catgcaccag 1020

agaggtcttc agccatgtgc agcaccttcc aatttagtcc tttctgggct ctgagcaccc 1080

caccctcacc cctcccccag gagcccattc tcttgtttac acttaggcct gcctggttat 1140

cttcccaagc ttcctccctg atgaagtcag cagaactaat tgacatcaga aactggaacg 1200

cagctgggcg gggccaggga atctggcagg ccatacccac agtgtgccag gaatgctgcc 1260

ctctaccctc caccatcgag gaagagcctt ccaagcacta cctgtgaaag cggactgcct 1320

ggaagactca tcctgggctt ggaggcccag tgagtgtttg agaggcaggc tcatggttca 1380

caaaatgcac aactctaact tgccttcagg agtcagacaa tggaaacacc cattatctat 1440

tccattttac agatggaaaa tggagactca agaaaccaaa ctgactcact caagttacag 1500

gaaagtggtt tagatgggca ggtacttaga gctctcctgc ccccaacacc tcagagttga 1560

aatggaaagt tacaaagtag cataagctgc agtcaatgct gtcagtggat aatgcttgct 1620

tcttgggaat cccactggaa cagccagtcc acattttagg gcagacagga caggaagatt 1680

ctggcagaag tgtcttctct catctaagaa atcatgtgac aaagccaggt aaatctgaac 1740

aggaaagcct ttggagcaga tctggccaga atagtcctga actggacaca gggatcaggg 1800

ctggtt 1806

<210> 111
<211> 881
<212> DNA

<213> Cricetulus griseus

<400> 111
agccattagc tgggcaaact aacatcttgc agagatgaca gatgggagag agaggggtga 60

gttcctccca tctgagctcg ctcccggcac agggaagaat cctcacaaca atgggctaaa 120

atcctttcct aagacaagcc ctctgggccc cctgtcagaa accccactaa tcgcttccca 180

agctccccac cctgtagctg aagcttggtt cacaacattt acagctaagt acattattaa 240

aagtcaaacc aaacaacgtt tgccagtccc tgggggaatg tggcgaggaa tgaataattc 300

tgaaaagatc ctggcatctg tgtgcattaa ccacaaatgg ccattaagtc agagcagcac 360

agggagcagc ctgcaggctg cagagctcac acccatgaga agtgctggtt ctcccccttt 420

ccaggaggag gccaaggcct ggtccccacc cacagtcagc ctgagggcca ccttctctcc 480

ctttgatccc tagaatggaa caacctaatt ccttctcagc agcttcacca aacactgcag 540

ccagtcactg ccctggactt ctggggctcc tgtagctccc tccaccccaa caaatagtct 600

gagaggatgg gcccttgcag ccagctccag tgtgtggtgg cctgcagcac acactgcctc 660

tcaccaaaga tgggagcata gtctccatgg cagctggccc tcgcctcttc cgtctctcac 720

ttcacatgct tggggagtga ctgggattct ggatgctgtg ttgtcaggga gatggtcata 780

cgggcttttg atatccttat atagtcgtga cattggctaa ttacctagtc tgcctgaatc 840

cagctttctt atttgtcaaa taggaccaag cctcttctgc t 881

<210> 112
<211> 327
<212> DNA
<213> Cricetulus griseus

<400> 112
ggccatcctt taccgtggac ccggatcaag atcaaaacat gggcacctcc gactgcacgc 60

atgcgcatgt gccaggatga ctactgcgtg tacagactgg aaacctgctg cgcaatgcgg 120

ggttcagatt cacaacctgt gcctgattgt gctgatgccg gagcgccctc taccgaggcg 180

cccgaggaat aggcggaggc acttgcggag gaaaagacag gaacacattt acagagggct 240

tgaaaagctg gatcatcccc gcctgggctg cctgtggaag catcaacact cccagggact 300

cactgcttag ctaagcgggc aggggtg 327

<210> 113

<211> 586
<212> DNA
<213> Cricetulus griseus

<400> 113
catgctgggt gatgatggcc aggctggctc ctcctctcct gattctgagc ccaggtgacc 60

cctggctggt agaagcctgt ctctgccctg tgttctgacc tcacactggc tgtctgccag 120

tgtctccaag cgatgcactt cactgctgtc gcaggaagcc caaatttgat caagcccaac 180

ctcatcttac ggagtgcagt ctgcacagct tcccgttcct gggcggtggg gctggggtgg 240

tggagggtgg aggagggacg gacagggatg ggacaggaca caggatgaca accacatgac 300

tcagaattct ccagcctgtg agtttggggt agtcactcgc acctgccatt gaggcagaag 360

tataaacaac atgccagtat ctgtgcgagt ctgtgtggtc ccatagaaac atgccataat 420

caccgtgtgt ctaatgagtc atcagcattg tgattagtct aatgttacat cattacaggg 480

tttgtggttc agtttactgc agtatgggag gatggcgctc aagacccagc gcaggatgga 540

aacaccctaa ccacacacca gctcatcact gggtgcttct ggacag 586

<210> 114
<211> 673
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (77)..(93)
<223> a, c, t, g, unknown or other

<220>
<221> modified_base
<222> (270)..(424)
<223> a, c, t, g, unknown or other

<400> 114
gtaggggtct ccgtcccaga aacagtgggg aaagacaccc caggcaagga ggggccgctc 60

cccggtggct ttgggannnn nnnnnnnnnn nnnctcaccg gtcagtgcgt cctggagcgc 120

cctgctgaac accttgagtc tttgctcgct cacgcagccc cgcgtcctca ggaggctgga 180

aaggaagccg acggcggcgg caatctccgg gagcatgtct gttctcttcc cgtggctcat 240

gccgggcggc tgggtaagga gctgtggtgn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420

nnnngcggtg gaagacgggc gggagaggga ccaggacctg ggcagaggaa gcgcgccaca 480

ccgggcatgc ccggacgtcg cctctgcaca gttccaaggc agcggttgcc tgccacctcc 540

tccaggatgt cctcgccgat gctacttctc ccacgcctcc ccaaaacaga cactctggcg 600

ccaggtcatc tctgccactc tctcccagct ggtcagaacc ggctcctcat gttttcggca 660

atggggattg tag 673

<210> 115
<211> 389
<212> DNA
<213> Cricetulus griseus

<400> 115
tcacttaatc tcaacgatat ggttgcctag acttgcatgg tgacaccagc ggctgagaag 60

gtctcatact ccttaacgtg ctttaagagg agtctgtagg ctaaggcaac cccttccagc 120

agtgagcagt gctttacgtg attgtgccag caggtggcgc ccgagcacca ccgtttctaa 180

atggagtccc aaccatcagg cccaacttgt tactactggt ccttgatatc tggaaagaca 240

aatattgagt gaaaggaaag tctttggaga tactttaccc agggtgcgat cttttctgga 300

ctcacggtaa cgagcacttt tcgtgctggc ccctagcgcg acactaactg agtccccctg 360

gtatcagagc ctcctgtacc ccctcttct 389

<210> 116
<211> 531
<212> DNA
<213> Cricetulus griseus

<400> 116
ctgctccttt taccagcttt ttccccccctc ttgcattttt tatttttatg aaaggatgtc 60

attaaggctt ttgtctgcgc tgtttttgtt tcagaacttt tcccacaatc ctatttttg 120

ttgaggaatc cgctcctttg cccagctgtg ggtccgggtc ccacagctgt gttgatctaa 180

gactcagccc cagacagcct ggcgccaggg tgggacgtca tgcgttcaca cagggatgcg 240

tgtcccaggc aacctttcct cgggcagtca ccggccggcg actgcctctc ccaccaatga 300

acgcccgaca cccgagatag gggcggggcc tgcaccaccc cagccggcga gcggcttgtg 360

aatctcagat tctgagacct tgataacgtc ccttgaattg gggcccttta aagtccccct 420

ttctctttta gttcttttgt ttatcccgtt tctttccacc ttccttcttt ctgtgtgtag 480

ataagtttc ttttttcctt tcccctcttt taactctctc ctagtgtcag g 531

<210> 117
<211> 856
<212> DNA
<213> Cricetulus griseus

<400> 117
tctctgcctc cagagcgttg gcatgggcca ctatgatgga ataaagcctg gaagttcgta 60

tctttggcct gtacgtttaa gtaatttaca ctatcttctc tgacaaggac tgggggggggg 120

gtcttgaaag gactgagctt gagacttcag aaagagaaca gatgccaaga cgtgcaaaac 180

actttagaaa tgcaggcaaa ccctttcatt tcacaactaa caaaaccgac gatcaggatt 240

ggggggggaac cctccctccc gagttaacca cggggtcagc aactcagtgg ggcctaagac 300

aggttccctt gcccggctga gtgctttttc cattataccg gctgcgcctc agtaacccca 360

cccccgaaag tgctagggca gctccctccc agtgcccagg cggggtgggg cccctccgtg 420

gcatggaaca aaccgggaaa accacatatt ccaactccca gcacacaaag gctggttggc 480

catgggggcg gggtgggagg accggaccta agtgtagctc actcctgaga ttctgcgcgg 540

ggctcctaga ttgcctgctc taaggagcca ccctactttg tcctgttcgg tgtcccctgg 600

ggggggggagg gtggcggcaa gacctccccc aaataaatgg cctgttctgg ctccagcgtc 660

ccacccccta gctgcctacg gaaatctagg agggacggtc ctctcctttc cgctttccca 720

tccgcccccg gagcgtcgca cagctgggtt gacttgggtc gcctcccccc ctccacttgc 780

ggtgtgtcct actccaggcg ctttccttcc ttccacagcc ccccactttg gaaggaagac 840

acgctccaaa gctagc 856

<210> 118
<211> 1001
<212> DNA
<213> Cricetulus griseus

<400> 118
acccttcctt ccaactccag tgagctcaca aggggactac ctttccctct ggttccccta 60

aagatcacgc tgaagttctg ctgacacgcc aatccccacc ctgcgtatat ggactacagc 120

aggtgtcact cagcttcggg tccccccttct tcggatgctc ctcccacagg gccgctccaa 180

ccctcacgcg aacgccgtgt gttcggggac agactaaaag caaaaacagg ctattgggtt 240

ccgtaccgag aattcgggcc gggcgtcagg gtcgccgccc gccaactcgc gccgtctcgg 300

tctcggggca gcagcgcaga cgaccaagac tggggctcgg acaccggtcc cgagcaaaca 360

ggacagccaa cacaggtcct tgctgccggc gcctcctccg ccagagcggc tcgcagaccg 420

gaagttttcc gcggtcggag ggaggaaccg gaaggaacca tccgtgcctt tggtggatgc 480

tggcccggct cagctcgacc cagccctaca ccgctgcgta cttagcgtcg ggaagctctc 540

acgagccaca aaagctctca tgatgctcca tcacttaagt gctagttttt tcttgatttc 600

ctttcgggcc attagactcg gtgagaagaa taacccccctc ctttggacga gtccattcac 660

tcctaccagc gacaacgttg tttggactgg gacaactcac ttccgccatc gagacaagag 720

ggaaagaagg gacgggtgaa ctctccgctg cctctggtgg ccaagctgag tcatcggcgg 780

agagctctcc cctgcgacca aggcgtgatc cccggcgggt gtgacagccc taaaacaaca 840

gggatcccaa gacccttaa catttgaggg gctccctgga gatgagcgca cgccggtgtg 900

ctgctgcacg aggccgatag gtagccgaat ttgtgctggc ccaaagtgcg taacagtcag 960

gctcactggg cttagaccca caagaagatt tcgaaaaagg a 1001

<210> 119
<211> 403
<212> DNA
<213> Cricetulus griseus

<400> 119
ccctgtgtgt gtgcctttgt atatctgtgt tccacacagg accctcacaa gactgtgggc 60

tagcctatat gcttcatgat gcagactggg acaggctggc cctctgcgag ctcacgtctc 120

cagaagccct caggcaggaa gaaggcctca cctctgcctg gctggtcctc agcctggctc 180

agccgtgctc cagccctgtc tggggccagg cagcctttga ggacatagct gaggtttggc 240

ggtgccgcct ctccggggct gagtcagcat agggagggaa tcaggcctcc actgcagaag 300

cagttgggat cttggaggcc agggtccact agcccacttg ggcttcaaga gggtggggtg 360

tgctcagtgc acccagctgt aggcagctgg actctgtagg aca 403

<210> 120
<211> 1009
<212> DNA

<213> Cricetulus griseus

<400> 120
tgctccgggt cttcaagctt aggatccagc acgactcaca ggatcaggag gagacagaaa 60

gcaaggagga aggaaaaagg gagagaaggc cagagagaag tggaaggagc atgaaaaagg 120

cttgggaaag aggaaggaag aggagagctg gaaggggaga cggaacaatg aaggtctcag 180

gccctccgag gagcacggtt ccggctgcac gtccgtcccg cccgcctccg gccaccagct 240

gctcgctgca cagcgtgtgg gcgctgagtc actgtcccag cacagggagc ccgcgtgcag 300

gtcgggggga gcccggttgg catctgcaaa ctgctttgtt ttttgttttt tgttttttgt 360

ttctttcctc tttcattaag gctgtgtgct gactcccacg taggagaact tattaaaccg 420

cacgtactac tccaaaactc ttgggaacca cgcatgatga ccagcagggg gtgccacagc 480

cccgtttatg agcgctaggg cccagtgaag acttggggct actagcatgt ttcccagaga 540

cgtgcgagca ttttgtaggg gtaaactttt tactttaaat cccgcagctg cagcataaac 600

tctctgctta gaaagcctag aagatcgcca taagtctcca aacagcgcct tagcgcaggt 660

tcggggagca acccaataaa attgggagtg tattgcgtgc gcaaccaagg gagcccaggc 720

tcgcctaaca actagggttc gtcctaccca accgggtctg gtcgccactc gaggcggtga 780

acttgggtat ctcagagaaa tcttgactcc cacccaggac acgcgctctg tgcatccaca 840

tgtacaatgg agctcatgac agataaaccc atgcatagag agattcccaa aacaagaggc 900

aagatcccaa cactcccagg cgatccaaac caagacaatc tttccctaga agcatgaacc 960

gagaatgaat cagcattgag acagtttatt ggtttgcttt ttctcagat 1009

<210> 121
<211> 434
<212> DNA
<213> Cricetulus griseus

<400> 121
gattacgcag ttgcttctcc gacatcaccc atccttttg aatcccttca caaacgggga 60

gcttctgtga gggatcccaa gagagatctt tgtgatcttt aaggtgttca gtgaatgcaa 120

attaagtgtt cctactgtat aatttctcgg agcgtgttta gttgtcttcg tggttggttg 180

gtaaaccaga gcctacaggg tttggtcagt tgctgttggc tcctagagag agtgcgtgtc 240

cccaacttcc aacaggggc actcctgagt tgtttaacgt gaggctgaag atgggtttcc 300

aaacacattt catctcccga cgcaagtgaa tgtcttgtat ctagctatcc tacagggtga 360

atgagaaatt gacaatgaga gaagttaagt cacttactta gatcactgac taaatagcag 420

acctggttca aact 434

<210> 122
<211> 689
<212> DNA
<213> Cricetulus griseus

<220>
<221> modified_base
<222> (396)..(516)
<223> a, c, t, g, unknown or other

<400> 122
gcttggtgca agaaggggag aggagggctt ttaaaagctc agactccccg tccccacctg 60

cgccgcggga aaacctgggg acgcgtgggg gcggggcgca cctggatgtc ctcgatcatg 120

tcccccgaga agagctctcg actcagcaga gcgtcccaga gctcggcgac ctgcagctcg 180

ctcaccaggc gcacccgaca tcgccgcagg agctgccggt ccgcttcgtc catggccggc 240

cgattgcgga ccccgagttc cgtccgcttc cggctcggga tcctgcccgg gcgctcacgc 300

cacgccccca tatcgcccgg gcaagggatc ccgccccgtg gaggccctgc aggccaacag 360

tctcctcgtc atcaggctcc gcccggccct aaggtnnnnn nnnnnnnnnn nnnnnnnnnn 420

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnntgct cctccgcccc gcccctaggg 540

ccccccagtt ccacagctca gcccctcccc gggaccggtt ctcaggctcc accctccaac 600

gtttatcact gcggcgctat tgcatcctga ccctaccctg cctctcccgt cctgatcctg 660

cccccgggcc ccgcctcctg cgaccgtgc 689

<210> 123
<211> 508
<212> DNA
<213> Cricetulus griseus

<400> 123
aggctagcta aggctggcct tgaacttctg atcctcctgc ctccatctcc caaatgcggg 60

gattgcaagc atgtgtcacc atgactgttg tgtgcagtgc taaggcttag gcagcggagc 120

tacattccaa gtcttggacc tccctgattt tctaggataa aatacccaat ccatcccttg 180

gctttcaagg ccgggcctga atatataaag catccagcag ggggcgctct agagacgtcc 240

tggagaggta gcccctaacc tccatgttgt ttccccattc ctgggctctc ccctcgccac 300

caccttttgct atgaaggatg tgtgtggggt gactcattag agccacactt cagagtatat 360

ccagagcctg ctggagggtt gcccagctgg aatgtctgca aggagcctgc tctttgctgt 420

tctgtttcat ctctgcctgc agtgatcagc acggcctgtc tggcacctgt gagctgattg 480

ggaagggaag gaggggggagc tgggctgc 508

<210> 124
<211> 435
<212> DNA
<213> Cricetulus griseus

<400> 124
acagtaacaa cgttgccatt atctacctga tgtccaccac actgagttct ccttctattc 60

ttaggactgg cctggagctc ctggtcagcc cactttcagt gcctggtgaa atgagagcag 120

ccgcttcttg cacagacgta tttagaatga acaggatgag atagcaaata tttgaaatgc 180

ctatgagcag ctgtggaggg ccagcttccc aaaactggaa ttcttaacca ttaccagctc 240

agtcttgagc caaagcagct gcgtgggaga ccagaggcac ttgtctagtg gtgacaagca 300

tgtgctgtgt gaactcaaat ggctgcatga gctctggtgt cctcactggc tgcaaggcta 360

tttaaaactt cagagcagca gacagcagat gcctgacact tcctatctct gcttcaaaat 420

agagagaatt aagac 435

<210> 125
<211> 697
<212> DNA
<213> Cricetulus griseus

<400> 125
cttgcatgaa gacttaggaa tttaggtcca catgcttgtg tggcaaggat tttatcaagt 60

gagccatctc cccaaccctt aagttttctt agaattgtgt catcttataa atgtatttat 120

atgcttctgt caagatgctg gttggttatt taattaaaca ttcactttat agacaaaaga 180

tgacaggttc tagaaaagcc gattgatcaa agtcaccgag ctaagattta atgatctatt 240

gttcccaaag tcctcgctga cagagtgcat gaattccatg aggcacaaat atgtgtgagt 300

aactgtggac tacaggagag gcctctgact catctggcta gggtcattac tttgcaggca 360

cttgggctat ccacaggaaa gccagggaag gcaggggttt ttctaaccat tgaagaggga 420

tatcagagga atttggggac attcttcttg gatgttattt attaaataag catttattaa 480

acatttatta tgagtgtact gtgattaaaa acataaaaac aatagtatta attcagtcgg 540

ggatacccat gtcaggtggg gatacctgta atgttttcat agatgaggag tagctaaagt 600

ggtcttttag tgctactcaa catacatttg gaagacacca tcagaagaag agggagagat 660

gggagtagat ttcgctttaa gaagacagtc acagggg 697

<210> 126
<211> 34
<212> DNA
<213> Escherichia coli

<400> 126
ataacttcgt ataatgtatg ctatacgaag ttat 34

<210> 127
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 127
ataacttcgt ataatgtata ctatacgaag ttat 34

<210> 128
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 128
ataacttcgt ataaagtatc ctatacgaag ttat 34

<210> 129
<211> 34

<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 129
ataacttcgt ataatgtgta ctatacgaag ttat 34

<210> 130
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 130
ataacttcgt ataggatact ttatacgaag ttat 34

<210> 131
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 131
ataacttcgt ataatgtatg ctatacgaag ttat 34

<210> 132
<211> 48
<212> DNA
<213> Saccharomyces cerevisiae

<400> 132
gaagttacta ttccgaagtt cctattctct agaaagtata ggaacttc 48

<210> 133
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 133
gaagttacta ttccgaagtt cctattctct agatagtata ggaacttc 48

<210> 134
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 134
gaagttacta ttccgaagtt cctattctct acttagtata ggaacttc 48

<210> 135
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 135
gaagttacta ttccgaagtt cctattcttc aaatagtata ggaacttc 48

<210> 136
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 136
gaagttacta ttccgaagtt cctattctct agaaggtata ggaacttc 48

<210> 137
<211> 48
<212> DNA

<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 137
gaagttccta ttccgaagtt cctattcttc aaaaggtata ggaacttc 48

<210> 138
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 138
gaagttccta ttccgaagtt cctattcttc aaaaagtata ggaacttc 48

<210> 139
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 139
gaagttccta ttccgaagtt cctattcttc aataagtata ggaacttc 48

<210> 140
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 140
gaagttccta ttccgaagtt cctattctat cagaagtata ggaacttc 48

<210> 141

<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 141
gaagttccta ttccgaagtt cctattctta taggagtata ggaacttc 48

<210> 142
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 142
gaagttacta ttccgaagtt cctatacttt ctggagaata ggaacttc 48

<210> 143
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 143
gaagttacta ttccgaagtt cctatactct ccagagaata ggaacttc 48

<210> 144
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 144
gaagttacta ttccgaagtt cctatactat ctacagaata ggaacttc 48

<210> 145
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 145
gaagttacta ttccgaagtt cctatactct ctggagaata ggaacttc 48

<210> 146
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 146
gaagttacta ttccgaagtt cctatactat cttgagaata ggaacttc 48

<210> 147
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 147
taactttaaa taatgccaat tatttaaagt ta 32

<210> 148
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 148

taactttaaa taattggcat tatttaaagt ta 32

<210> 149
<211> 52
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 149
catcagggcg gtcaggccgt agatgtggaa gaacggcagc acggcgagga cg 52

<210> 150
<211> 52
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 150
atgtggtcct ttagatccac tgacgtgggt cagtgtctct aaaggactcg cg 52

<210> 151
<211> 52
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 151
catcagggcg gtcaggccgt agatgtgggt cagtgtctct aaaggactcg cg 52

<210> 152
<211> 52
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 152
atgtggtcct ttagatccac tgacgtggaa gaacggcagc acggcgagga cg 52

<210> 153
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 153
acaacttcgt ataatgtatg ctatacgaag ttat 34

<210> 154
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 154
taccgttcgt atagtatagt atatacgaag ttat 34

<210> 155
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
oligonucleotide"

<400> 155
taccgttcgt atagtatagt atatacgaac ggta 34