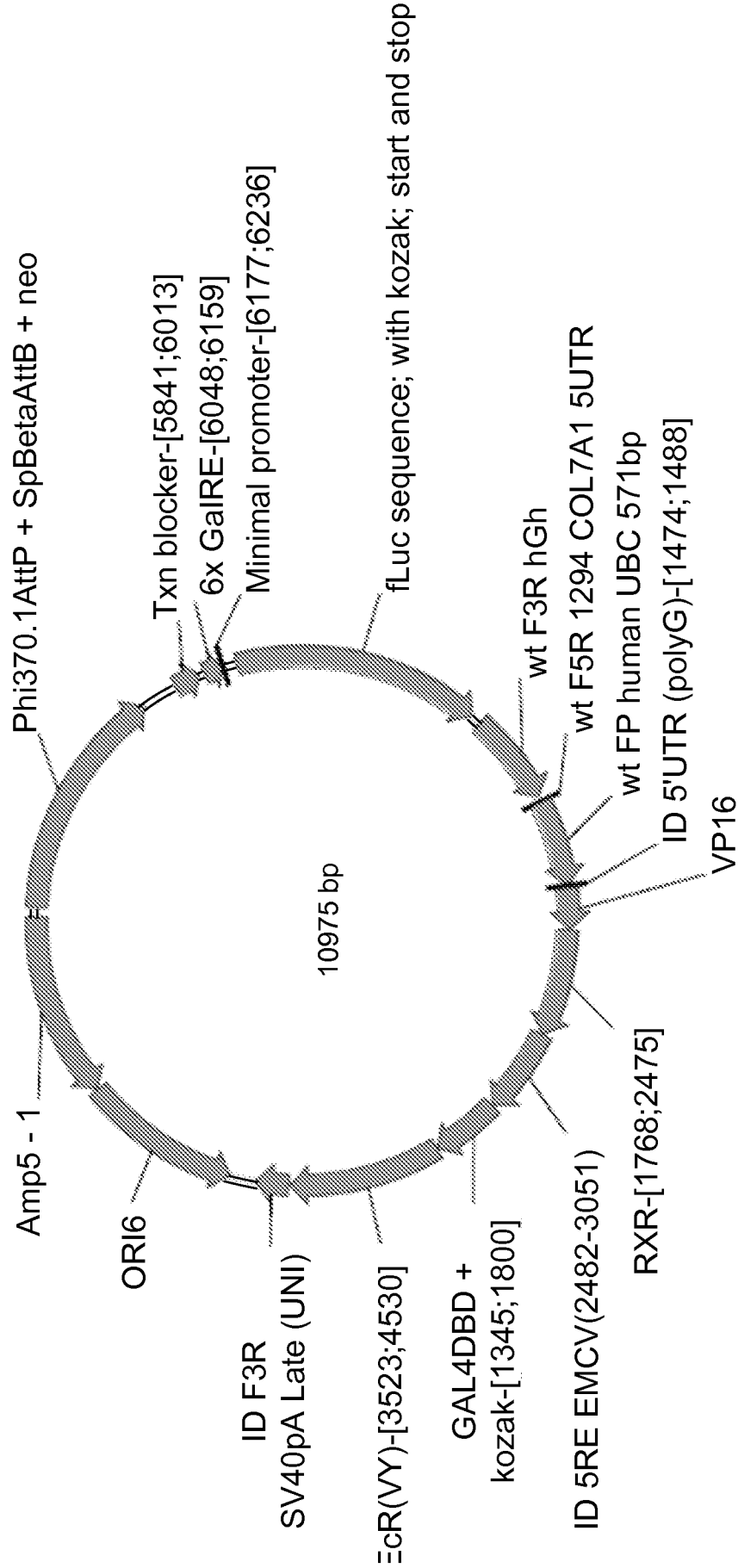


Fig. 1



RheoSwitch® Vector (RS-1)

Fig. 2A

GCTGAGCTATGCCTAATCAAGTCACGGTAACTATGACTCTCTTAAGGTAGCCAAATGGCG
CCACGAAAGGAGGTTCGTGAAATGGATAAAAAAATACAGCGTTTTTTCATGTACAACTATAC
TAGTTGTAGTGCCATAAATAATGCTTTTAAAACCTAAAAATATCAGATAACAGCTTGGTGG
CACCCATTGTGTTTACAGGAGATACAGCTTTATCTGTACTGATATTAATGACATGCTGCA
CTCGGTGTGAAAGGGCATCTAGTAGGCTATGGCAGGGCCTGCCGCCCCGACGTTGGCTGC
GAGCCCTGGGCCTTCACCCGAACCTGGGGGGTGGGGTGGGGAAAAGGAAGAAACGCGGGC
GTATTGGCCCCAATGGGGTCTCGGTGGGGTATCGACAGAGTGCCAGCCCTGGGACCGAAC
CCCGCGTTTTATGAACAAACGACCCAACACCGTGCGTTTTATTCTGTCTTTTTATTGCCGT
CATAGCGCGGGTTCCTTCCGGTATTGTCTCCTTCCGTGTTTCATCAGAAAACTCGTCCA
GCAGGCGGTAGAAAGCGATGCGCTGAGAATCTGGTGCAGCGATGCCGTACAGAACCAGGA
AGCGGTCAGCCCATTCGCCGCCAGTTCTTCAGCGATGTCGCGGGTAGCCAGAGCGATGT
CCTGGTAGCGGTTCAGCAACGCCAGACGACCACAGTCGATGAAGCCAGAGAAGCGGGCGT
TTTCAACCATGATGTTCTGGCAGGCAAGCGTCGCCGTGGGTAAACAACAGGTCTTCGCCGT
CTGGCATAACGAGCTTTCAGGCGAGCGAACAGTTCAGCCGGAGCCAGGCCCTGGTGTCTT
CGTCCAGGTCGTCTTGGTCAACCAGGCCAGCTTCCATGCGGGTGCGAGCGCGTTCGATGC
GGTGTTTAGCCTGGTGGTGAACGGACAAGTAGCCGGGTCCAGGGTGTGCAGGCGGCGCA
TAGCGTCAGCCATGATAGAACTTTTTAGCCGGAGCCAGGTGAGAAGACAGCAGATCCT
GGCCCCGAACTTCGCCAGCAGCAGCCAGTCGCGGCCAGCTTCGGTAACAACGTCCAGAA
CAGCAGCGCACGGAACGCCGGTGGTAGCCAGCCAAGACAGGCGAGCAGCTTCGTCTTGCA
GTTCTGTTTCAGAGCGCCAGACAGGTTCGGTTTTAACGAACAGAACCAGGGCGGCCCTGAGCAG
ACAGGCGGAAAACAGCAGCGTCAGAGCAGCCGATGGTTTGTGTGCCCAGTCGTAACCAA
ACAGACGTTCAACCCAAGCAGCCGGAGAGCCAGCGTGCAGGCCGTCTGTTTCGATCATGG
TGGCCCCCCCCCCCCCGGAATAGCTCTGAGGCCGAGGCAGCTTCGGCCTCTGCATAAAT
AAAAAAATTAGTCAGCCATGGGGCGGAGAATGGGCGGAACCTGGGCGGAGTTAGGGGCGG
GATGGGCGGAGTTAGGGGCGGGACTATGGTTGCTGACTAATTGAGATGCTTGCTTTGCAT
ACTTCTGCCTGCTGGGGAGCCTGGGGACTTTCCACACCTGGTTGCTGACTAATTGAGATG
CTTGCTTTGCATACTTCTGCCTGCTGGGGAGCCTGGGGACTTTCCACACCCTAACCATGC
ATTCAACTATCCCAACGAGGGATTCTGAAGGACGATACCTACGTTAGACTTAACATAACG
GTCCTAAGGTAGCGACCACTTAGACGTGTTGAAACCCTAGGGCCGCACAGGCCCGCCGAC
GATCCGAGCGTGGCCATCGTGGCCACCTAAGTGGTCCAGGAACGGCGTGGGCTCGTTTA
AACCGTACCATTAGGGAAAGTACCCACTTATGTGGGCGATCGCTTAATTAAGGCCGGCCG
CCGCAATAAAATATCTTTATTTTCATTACATCTGTGTGTTGGTTTTTTGTGTGAATCCAT
AGTACTAACATACGCTCTCCATCAAAACAAAACGAAACAAAACAACTAGCAAAATAGGC
TGTCCCCAGTGCAAGTCCAGGTGCCAGAACATTTCTCTATCCATAATGCAGGGGTACCGG
GTGATGACGGTGAAAACCTCCAATTG [CGGAGTACTGTCTCCGAGCGGAGTACTGTCTT
CCGAGCGGAGTACTGTCTCCGAGCGGAGTACTGTCTCCGAGCGGAGTACTGTCTCCG
AGCGGAGTACTGTCTCCGAGCGGAGAGTC] ¹CCCGGGGACCTAGAGGGTATATAATGGG
TGCTTAGCTGGTGTGTGACCTCATCTTCCTGTACGCCCCTGCAGGGGCGCGCCACGCGT
CCGCGGGCTAGCGCCACC [ATGGAAGATGCCAAAACATTAAGAAGGGCCCAGCGCCATT
CTACCCACTCGAAGACGGGACCGCTGGCGAGCAGCTGCACAAAGCCATGAAGCGCTACGC
CCTGGTGCCCGGCACCATCGCCTTTACCGACGCACATATCGAGGTGGACATTACCTACGC
CGAGTACTTCGAGATGAGCGTTTCGGCTGGCAGAAGCTATGAAGCGCTATGGGCTGAATAC

[6x GalRE]¹

Fig. 2B

AAACCATCGGATCGTGGTGTGCAGCGAGAATAGCTTGCAGTTCTTCATGCCCCGTGTTGGG
TGCCCTGTTTCATCGGTGTGGCTGTGGCCCCAGCTAACGACATCTACAACGAGCGCGAGCT
GCTGAACAGCATGGGCATCAGCCAGCCCACCGTCGTATTCGTGAGCAAGAAAGGGCTGCA
AAAGATCCTCAACGTGCAAAAGAAGCTACCGATCATACAAAAGATCATCATCATGGATAG
CAAGACCGACTACCAGGGCTTCCAAAGCATGTACACCTTCGTGACTTCCCATTGTCACC
CGGCTTCAACGAGTACGACTTCGTGCCCCGAGAGCTTCGACCGGGACAAAACCATCGCCCT
GATCATGAACAGTAGTGGCAGTACCGGATTGCCCAAGGGCGTAGCCCTACCGCACCCGCAC
CGCTTGTGTCCGATTTCAGTCATGCCCCGCGACCCCATCTTCGGCAACCAGATCATCCCCGA
CACCGCTATTCTCAGCGTGGTGCCATTTACCACGGCTTCGGCATGTTACCACGCTGGG
CTACTTGATCTGCGGCTTTCGGGTCGTGCTCATGTACCGCTTCGAGGAGGAGCTATTCTT
GCGCAGCTTGCAAGACTATAAGATTCAATCTGCCCTGCTGGTGCCACACTATTTAGCTT
CTTCGCTAAGAGCACTCTCATCGACAAGTACGACCTAAGCAACTTGCACGAGATCGCCAG
CGGCGGAGCGCCTCTCAGCAAGGAGGTAGGTGAGGCCGTGGCCAAACGCTTCCACCTACC
AGGCATCCGCCAGGGCTACGGCCTGACAGAAACAACCAGCGCCATTCTGATACCCCCGA
AGGGGACGACAAGCCTGGCGCAGTAGGCAAGGTGGTGCCCTTCTTCGAGGCTAAGGTGGT
GGACTTGGACACAGGTAAGACCCTGGGTGTGAACCAGCGCGGCGAGCTGTGCGTCCGTGG
CCCCATGATCATGAGCGGCTACGTGAACAACCCCGAGGCTACAAACGCTCTCATCGACAA
GGACGGCTGGCTGCACAGCGGCGACATCGCCTACTGGGACGAGGACGAGCACTTCTTCAT
CGTGACCGGCTCAAGAGCCTGATCAATAACAAGGGCTACCAGGTAGCCCCAGCCGAAC
GGAGAGCATCCTGCTGCAACACCCCAACATCTTCGACGCCGGGGTCGCTGGCCTGCCCGA
CGACGATGCTGGCGAGCTGCCCCGCCGAGTCGTCGTGCTGGAACACGGTAAAACCATGAC
CGAGAAGGAGATCGTGGAATATGTGGCCAGCCAGGTTACAACCGCCAAGAAGCTGCGCGG
TGGTGTTGTGTTTCGTGGACGAGGTGCCTAAAGGACTGACCGGCAAGTTGGACGCCCGCAA
GATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGCAAGATCGCCGTGTAA]²ATCGAT
TGCGCAAAGCTTTTCGCGATAGGCGAGACCAATGGGTGTGTACGTAGCGGCCGCGTCACT
GATGGGTGGCATCCCTGTGACCCCTCCCCAGTGCCCTCTCCTGGCCCTGGAAGTTGCCACT
CCAGTGCCCAACAGCCTTGTCTTAATAAAATTAAGTTGCATCATTTTTGTCTGACTAGGTG
TCCTTCTATAATATTATGGGGTGGAGGGGGGTGGTATGGAGCAAGGGGCAAGTTGGGAAG
ACAACCTGTAGGGCCTGCGGGGTCTATTGGGAACCAAGCTGGAGTGCAGTGGCACAATCT
TGGCTCACTGCAATCTCCGCCCTCCTGGGTTCAAGCGATTCTCCTGCCTCAGCCTCCCGAG
TTGTTGGGATTCCAGGCATGCATGACCAGGCTCAGCTAATTTTTGTTTTTTTGGTAGAGA
CGGGGTTTTACCATATTGGCCAGGCTGGTCTCCAACCTCCTAATCTCAGGTGATCTACCCA
CCTTGGCCTCCCAAATTGCTGGGATTACAGGCGTGAACCACTGCTCCCTTCCCTGTCTT
CTGATTTTAAATAACTATACCAGCAGGAGGACGTCCAGACACAGCATAGGCTACCTGGC
CATGCCCCAACGGTGGGACATTTGAGTTGCTTGGCACTGTCCTCTCATGCGTTGGG
TCCACTCAGTAGATGCCTGTTGAATTATTTAAATCGGTCCGCGTACGGCTCTTCTCCCCC
TCGAGGGCCTCCGCGCCGGGTTTTGGCGCCTCCCGCGGGCGCCCCCTCCTCACGGCGAG
CGCTGCCACGTCAGACGAAGGGCGCAGCGAGCGTCCTGATCCTTCCGCCCGGACGCTCAG
GACAGCGGCCCGCTGCTCATAAGACTCGGCCTTAGAACCCAGTATCAGCAGAAGGACAT
TTTAGGACGGGACTTGGGTGACTCTAGGGCACTGGTTTTCTTTCCAGAGAGCGGAACAGG
CGAGGAAAAGTAGTCCCTTCTCGGCGATTCTGCGGAGGGATCTCCGTGGGGCGGTGAACG
CCGATGATTATATAAGGACGCGCCGGGTGTGGCACAGCTAGTTCCGTGCGAGCCGGGATT

[fLuc]²

Fig. 2C

TGGGTCGCGGTTCTTGTGTTTGTGGATCGCTGTGATCGTCACTTGGTGAGTAGCGGGCTGCT
GGGCTGGGTACGTGCGCTCGGGGTTGGCGAGTGTGTTTTGTGAAGTTTTTTAGGCACCTT
TTGAAATGTAATCATTTGGGTCAATATGTAATTTTCAGTGTTAGACTAGTAAATTGTCCG
CTAAATTCTGGCCGTTTTTTGGCTTTTTTTGTTAGACGCCGCGGGGGGGGGGGGGGGGGCTAG
CGCCACC [ATGGGCCCCAAGAAGAAAAGGAAGGTGGCCCCCCCCACCGACGTGAGCCTGG
GCGACGAGCTGCACCTGGACGGCGAGGACGTGGCCATGGCCACGCCGACGCCCTGGACG
ACTTCGACCTGGACATGCTGGGCGACGGCGACAGCCCCGGCCCCGGCTTCACCCCCACG
ACAGCGCCCCCTACGGCGCCCTGGACATGGCCGACTTCGAGTTCGAGCAGATGTTACCG
ACGCCCTGGGCATCGACGAGTACGGCGGC] ³GAATTC [GAGATGCCCCGTGGACAGGATTC
TGGAGGCCGAACCTCGCCGTGGAGCAGAAAAGCGACCAGGGCGTGGAGGGCCCCGGCGGAA
CCGGCGGCAGCGGCAGCAGCCCCAACGACCCCGTGACCAACATCTGCCAGGCCGCCGACA
AGCAGCTGTTACCCCTGGTGGAGTGGGCCAAGAGGATTCCCCACTTCAGCAGCCTGCCCC
TGGACGACCAGGTGATCCTGCTGAGGGCCGGATGGAACGAGCTGCTGATCGCCAGCTTCA
GCCACAGGAGCATCGACGTGAGGGACGGCATCCTGCTGGCCACCGGCCTGCACGTCCATA
GGAACAGCGCCACAGCGCCGGAGTGGGCGCCATCTTCGACAGGGTGCTGACCGAGCTGG
TGAGCAAGATGAGGGACATGAGGATGGACAAGACCGAGCTGGGCTGCCTGAGGGCCATCA
TCCTGTTCAACCCCGAGGTGAGGGGCCTGAAAAGCGCCAGGAGGTGGAGCTGCTGAGGG
AGAAGGTGTACGCCGCCCTGGAGGAGTACACCAGGACCACCCACCCGACGAGCCCGGCA
GATTCGCCAAGCTGCTGCTGAGGCTGCCCAGCCTGAGGAGCATCGGCCTGAAGTGCCTGG
AGCACCTGTTCTTCTTCAGGCTGATCGGCGACGTGCCCATCGACACCTTCCTGATGGAGA
TGCTGGAGAGCCCCAGCGACAGCTGA] ⁴GCATGCCCCCTCTCCCTCCCCCCCCCTAAC
GTTACTGGCCGAAGCCGCTTGGAATAAGGCCGGTGTGCGTTTGTCTATATGTTATTTTCC
ACCATATTGCCGTCTTTTGGCAATGTGAGGGCCCGGAAACCTGGCCCTGTCTTCTTGACG
AGCATTCCTAGGGGTCTTTCCCTCTCGCCAAAGGAATGCAAGGTCTGTTGAATGTCGTG
AAGGAAGCAGTTCTCTGGAAGCTTCTTGAAGACAAACAACGTCTGTAGCGACCCTTTGC
AGGCAGCGGAACCCCCACCTGGCGACAGGTGCCTCTGCGGCCAAAAGCCACGTGTATAA
GATACACCTGCAAAGGCGGCACAACCCCAGTGCCACGTTGTGAGTTGGATAGTTGTGGAA
AGAGTCAAATGGCTCTCCTCAAGCGTATTCAACAAGGGGCTGAAGGATGCCCAGAAGGTA
CCCCATTGTATGGGATCTGATCTGGGGCCTCGGTGCACATGCTTTACATGTGTTTAGTCG
AGGTTAAAAAACGTCTAGGCCCCCGAACCACGGGGACGTGGTTTTCTTTGAAAAACAC
GATCCATATGGCCACC [ATGAAGCTGCTGAGCAGCATCGAGCAGGCTTGCGACATCTGCA
GGCTGAAGAAGCTGAAGTGCAGCAAGGAGAAGCCCAAGTGCGCCAAGTGCCCTGAAGAACA
ACTGGGAGTGACAGATACAGCCCCAAGACCAAGAGGAGCCCCCTGACCAGGGCCCACCTGA
CCGAGGTGGAGAGCAGGCTGGAGAGGCTGGAGCAGCTGTTCCCTGCTGATCTTCCCCAGGG
AGGACCTGGACATGATCCTGAAGATGGACAGCCTGCAAGACATCAAGGCCCTGCTGACCG
GCCTGTTTCGTGCAGGACAACGTGAACAAGGACGCCGTGACCGACAGGCTGGCCAGCGTGG
AGACCGACATGCCCCTGACCCTGAGGCAGCACAGGATCAGCGCCACCAGCAGCAGCGAGG
AGAGCAGCAACAAGGGCCAGAGGCAGCTGACCGTGAGCCCCGAGTTT] ⁵CCCGGG [ATCA
GGCCCGAGTGCGTGGTGCCCGAGACCCAGTGCGCCATGAAAAGGAAGGAGAAGAAGGCC
AGAAGGAGAAGGACAAGCTGCCCCGTGAGCACCACCACCGTCGATGACCACATGCCCCCA

[VP16]³

[RXR]⁴

[Gal4DBD]⁵

Fig. 2D

TCATGCAGTGCAGCCCCCCCCCCCCGAGGCCGCCAGGATTCACGAGGTCGTGCCCAGGT
TCCTGAGCGACAAGCTGCTGGTGACCAACAGGCAGAAGAACATCCCCCAGCTGACCGCCA
ACCAGCAGTTCCTGATCGCCAGGCTGATCTGGTATCAGGACGGCTACGAGCAGCCCAGCG
ACGAGGACCTGAAAAGGATCACCCAGACCTGGCAGCAGGCCGACGACGAGAACGAGGAGA
GCGACACCCCCCTTCAGGCAGATCACCGAGATGACCATCCTGACCGTGCAGCTGATCGTGG
AGTTCGCCAAGGGCCTGCCCCGATTTCGCCAAGATCAGCCAGCCCCGACCAGATCACCCCTGC
TGAAGGCTTGCAGCAGCGAGGTGATGATGCTGAGGGTGGCCAGGAGGTACGACGCCGCCA
GCGACAGCATCCTGTTCCGCAACAACCAGGCTTACACCAGGGACAACCTACAGGAAGGCTG
GCATGGCCGAGGTGATCGAGGACCTCCTGCACTTCTGCAGATGTATGTACAGCATGGCCC
TGGACAACATCCACTACGCCCTGCTGACCGCCGTGGTGATCTTCAGCGACAGGCCCGGCC
TGGAGCAGCCCCAGCTGGTGGAGGAGATCCAGAGGTACTACCTGAACACCCCTGAGGATCT
ACATCCTGAACCAGCTGAGCGGCAGCGCCAGGAGCAGCGTGATCTACGGCAAGATCCTGA
GCATCCTGAGCGAGCTGAGGACCCTGGGAATGCAGAACAGCAATATGTGTATCAGCCTGA
AGCTGAAGAACAGGAAGCTGCCCCCCTTCCTGGAGGAGATTTGGGACGTGGCCGACATGA
GCCACACCCAGCCCCCCCCCATCCTGGAGAGCCCCACCAACCTGTGA]⁶ ATCGATTAGAC
ATGATAAGATAACATTGATGAGTTTGGACAAACCACAACCTAGAATGCAGTGAAAAAATGC
TTAATTTGTGAAATTTGTGATGCTATTGCTTAATTTGTAACCATTATAAGCTGCAATAAA
CAAGTTAATAAAACATTTGCATTCATTTTATGTTTCAGGTTTCAGGGGAGATGTGGGAGG
TTTTTTTAAAGCAAGTAAAACCTCTACAAATGTGGTATCTAGAGCTCTTCCAAAATTAATA
CGCATTCGCGTGCGAAATCATTACCCTGTTATCCCTACGCCTAGCCTTAGGGTTACATC
TATGTCGGGTGCGGAGAAAGAGGTAATGAAATGGCAATAACAGGCTAGAACCAGCTAACG
TTAGGAGCATAGATTGGGGCATTCGGAACCTATAAATTGCGTTGCGCTCACTGCCCCGCTT
TCCAGTCGGGAAACCTGTCGTGCCAGCTGCATAAATGAATCGGCCAACGCGCGGGGAGAG
GCGGTTTTCGTATTGGGCGCGCTTCCGCTTCCTCGCTCACTGACTCGCTGCGCTCGGTCTG
TTCGGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATACGGTTATCCACAGAAT
CAGGGGATAACGCAGGAAAGAACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACCGTA
AAAAGGCCGCGTTGCTGGCGTTTTTCCATAGGCTCCGCCCCCTGACGAGCATCACAAAA
ATCGACGCTCAAGTCAGAGGTGGCGAAACCCGACAGGACTATAAAGATAACAGGCGTTTC
CCCCTGGAAGCTCCCTCGTGCGCTCTCCTGTTCCGACCCTGCCGCTTACCGGATACCTGT
CCGCTTTTCTCCCTTCGGGAAGCGTGCGCTTTTCTCATAGCTCACGCTGTAGGTATCTCA
GTTTCGGTGTAGGTCGTTTCGCTCCAAGCTGGGCTGTGTGCACGAACCCCCCGTTCAGCCCG
ACCGCTGCGCCTTATCCGGTAACCTATCGTCTTGAGTCCAACCCGGTAAGACACGACTTAT
CGCCACTGGCAGCAGCCACTGGTAACAGGATTAGCAGAGCGAGGTATGTAGGCGGTGCTA
CAGAGTTCTTGAAGTGGTGGCCTAACTACGGCTACACTAGAAGAACAGTATTTGGTATCT
GCGCTCTGCTGAAGCCAGTTACCTTCGGAAAAAGAGTTGGTAGCTCTTGATCCGGCAAAC
AAACCACCGCTGGTAGCGGTGGTTTTTTTTGTTTGCAAGCAGCAGATTACGCGCAGAAAAA
AAGGATCTCAAGAAGATCCTTTGATCTTTTCTACGGGGTCTGACGCTCAGTGGAACGAAA
ACTCACGTTAAGGGATTTTGGTCATGAGATTATCAAAAAGGATCTTCACCTAGATCCTTT
TAAATTAATAAATGAAGTTTTAAATCAATCTAAAGTATATATGAGTAACTTGGTCTGACA
TGCGCAGTTACCAATGCTTAATCAGTGAGGCACCTATCTCAGCGATCTGTCTATTTTCGTT
CATCCATAGTTGCCTGACTCCCCGTGCTGTAGATAACTACGATACGGGAGGGCTTACCAT
CTGGCCCCAGTGCTGCAATGATACCGCGAGACCCACGCTCACCGGCTCCAGATTTATCAG

Fig. 2E

CAATAAACCAGCCAGCCGGAAGCGCCGAGCGCAGAAGTGGTCCTGCAACTTTATCCGCCT
CCATCCAGTCTATTAAGTGTGCGGGAAGCTAGAGTAAGTAGTTCGCCAGTTAATAGTT
TGCGGAGCGTTGTTGCCATTGCTACAGGCATCGTGGTGTCACGCTCGTCGTTTGGTATGG
CTTCATTACAGCTCCGGTTCCCAACGATCAAGGCGAGTTACATGATCCCCCATGTTGTGCA
AAAAAGCGGTTAGCTCCTTCGGTCCTCCGATGGTTGTCAGAAGTAAGTTGGCCGCAGTGT
TATCACTCATGGTTATGGCAGCACTGCATAATTCTCTTACTGTCATGCCATCCGTAAGAT
GCTTTTCTGTGACTGGTGAGTATTCAACCAAGTCATTCTGAGAATAGTGTATGCGGCGAC
CGAGTTGCTCTTGCCCGGCGTCAATACGGGATAATACCGCGCCACATAGCAGAACTTTAA
AAGTGCTCATCATTGGGAAGCGTTCTTCGGGGCGAAACTCTCAAGGATCTTACCGCTGT
TGAGATCCAGTTCGATGTAACCCACACGAGCACCCAACTGATCTTCAGCATCTTTTACTT
TCACCAGCGTTTCTGGGTGAGCAAAAACAGGAAGGCAAAATGCCGCAAAAAAGGGAATAA
GGGCGACACGGAAATGTTGAATACTCATACTCTTCCTTTTTCAATATTATTGAAGCATTT
ATCAGGGTTATTGTCTCATGAGCGGATACATATTTGAATGTATTTAGAAAAATAAACAAA
TAGGGGTTCCGCGCACATTTCCCCGAAAAGTGCCACCTGAGGTCTAAGAAACCATTATTA
TCATGACATTAACCTATAAAAATAGGCGTATCACGAGGCCCTTTCTTCTCGCGCGTTTCG
GTGATGACGGTGAAAACCTCTGACACATGCAGCTCCCGGATACGGTCACAGCTTGTCTGT
AAGCGGATGCCGGGAGCAGACAAGCCCGTCAGGGCGCGTCAGCGGGTGTTGGCGGGTGTC
GGGGCTGGCTTAA (SEQ ID NO: 1)