

SEQUENCE LISTING

<110> VOYAGER THERAPEUTICS, INC.

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<130> 2057.1014PCT

<140> PCT/US2015/XXXXXX

<141> 2015-11-13

<150> 62/234,477

<151> 2015-09-29

<150> 62/212,004

<151> 2015-08-31

<150> 62/079,590

<151> 2014-11-14

<160> 810

<170> PatentIn version 3.5

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uuugucagca gucacauugu c 21

<210> 702
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 702
caaugugacu gcugacaaau c 21

<210> 703
<211> 21
<212> RNA
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<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 703
caaugugacu gcugacaaau c 21

<210> 704
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 704
uuugucagca gucacauuga c 21

<210> 705
 <211> 22
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

 <400> 705
 caaugugacu gcugacaauc cc 22

 <210> 706
 <211> 21
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

 <400> 706
 cgacgaaggc cgugugcgcc c 21

 <210> 707
 <211> 21
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

 <400> 707
 ucgcacacgg ccuucgucgu u 21

 <210> 708
 <211> 21
 <212> RNA
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 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

 <400> 708
 ugacuugggc aaagguggcc c 21

 <210> 709

<211> 21
 <212> RNA
 <213> Artificial Sequence

 <220>
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 oligonucleotide

 <400> 709
 uccaccuuug cccaagucau u 21

 <210> 710
 <211> 21
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 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

 <400> 710
 aacucaucug uuauccugcc c 21

 <210> 711
 <211> 21
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

 <400> 711
 ucaggauaac agaugaguuu u 21

 <210> 712
 <211> 21
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

 <400> 712
 ccccuuaacu caucuguucc c 21

 <210> 713
 <211> 21
 <212> RNA
 <213> Artificial Sequence

<220>
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 oligonucleotide

<400> 713
 uaacagauga guuaaggggu u 21

<210> 714
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 <212> RNA
 <213> Artificial Sequence

<220>
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 oligonucleotide

<400> 714
 cccuuaacuc aucuguuacc c 21

<210> 715
 <211> 21
 <212> RNA
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<220>
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 oligonucleotide

<400> 715
 uuaacagaug aguuaaggggu u 21

<210> 716
 <211> 21
 <212> RNA
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<220>
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 oligonucleotide

<400> 716
 aacucaucug uuaucuugcc c 21

<210> 717
 <211> 21
 <212> RNA
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<220>
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oligonucleotide

<400> 717
gcuguggaaa uguaucuucc c 21

<210> 718
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 718
uaggauacau uucuacagcu u 21

<210> 719
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 719
ugacuugggc aaaggugagc c 21

<210> 720
<211> 21
<212> RNA
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<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 720
cccuuaacu caucuguugc c 21

<210> 721
<211> 21
<212> RNA
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<220>
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oligonucleotide

<400> 721

cccuuaacuc aucuguuagc c 21

<210> 722
 <211> 21
 <212> RNA
 <213> Artificial Sequence

<220>
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 oligonucleotide

<400> 722
 aacucaucug uuaucuuagc c 21

<210> 723
 <211> 21
 <212> RNA
 <213> Artificial Sequence

<220>
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 oligonucleotide

<400> 723
 gcuguggaaa uguaucuugc c 21

<210> 724
 <211> 21
 <212> RNA
 <213> Artificial Sequence

<220>
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 oligonucleotide

<400> 724
 ugacuugggc aaagguagc c 21

<210> 725
 <211> 21
 <212> RNA
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<220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<400> 725
 ccccuuaaca caucuguuac c 21

<210> 726
 <211> 21
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

 <400> 726
 ccuuuaacug aucuguuaac c 21

 <210> 727
 <211> 21
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

 <400> 727
 aacucaucuc uuaucuugcc c 21

 <210> 728
 <211> 21
 <212> RNA
 <213> Artificial Sequence

 <220>
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 oligonucleotide

 <400> 728
 gcuguggaau uguaucuugc c 21

 <210> 729
 <211> 21
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

 <400> 729
 ugacuugggg aaaggugagc c 21

 <210> 730
 <211> 21
 <212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 730

aacucaucug uuaucuuggc c

21

<210> 731

<211> 21

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 731

ccccuuaacu cauuuguucc c

21

<210> 732

<211> 21

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 732

ugacuugggc aaagguagcc c

21

<210> 733

<211> 21

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 733

uuugucagca gucacauugu c

21

<210> 734

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 734
caaugugacu gcugacaaa 19

<210> 735
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 735
gcagguccuc acuuuaaugc c 21

<210> 736
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 736
gauuaaagug aggaccugcu u 21

<210> 737
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 737
ggcaauguga cugcugaccc c 21

<210> 738
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 738
 ugucagcagu cacauugccu u 21

<210> 739
 <211> 21
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<400> 739
 gcagguccuc acuuuaauuc c 21

<210> 740
 <211> 21
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<400> 740
 ggcaauguga cugcugaugc c 21

<210> 741
 <211> 21
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<400> 741
 gcagguccuc acuuuaaucc c 21

<210> 742
 <211> 21
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<400> 742
 ggcaauguga cugcugauac c 21

<210> 743
 <211> 21
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

 <400> 743
 gcagguccug acuuuaaucc c 21

 <210> 744
 <211> 21
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

 <400> 744
 ggcaaugugu cugcugauac c 21

 <210> 745
 <211> 22
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

 <400> 745
 gauuaaagug aggaccugcu uu 22

 <210> 746
 <211> 22
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

 <400> 746
 ugucagcagu cacauugccu uu 22

 <210> 747
 <211> 152

<212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 747
 uuuaugccuc auccucugag ugcugaaggc uugcuguagg cugaugcug caaugugacu 60
 gcugacaacc cugugaccug guuugucagc agucacauug uuaguguaug augccuguua 120
 cuagcauua cauggaacaa auugcugccg ug 152

<210> 748
 <211> 158
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 748
 gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacaugu 60
 gacugcugac aaccuguga ccugguuugu cagcagucac auuguucuga ggagcgccuu 120
 gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 749
 <211> 158
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 749
 gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacaugu 60
 gacugcugac aaucuguga ccugguuugu cagcagucac auuguucuga ggagcgccuu 120
 gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 750
 <211> 158
 <212> RNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 750

gugcugggcg gggggcgggcg ggcccucccg cagaacacca ugcgcucuuc ggaacaangu 60

gacugcugac aagccuguga ccugguuugu cagcagucac auuguucuga ggagcgccuu 120

gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 751

<211> 158

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 751

gugcugggcg gggggcgggcg ggcccucccg cagaacacca ugcgcucuuc ggaacaangu 60

gacugcugac aaaccuguga ccugguuugu cagcagucac auuguucuga ggagcgccuu 120

gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 752

<211> 158

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 752

gugcugggcg gggggcgggcg ggcccucccg cagaacacca ugcgcucuuc ggaacaangu 60

gacagcugac aaaccuguga ccugguuugu cagcagucac auuguucuga ggagcgccuu 120

gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 753

<211> 157

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 753

gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacaugu 60
gacugcugac aaccugugac cugguuuguc agcagucaca uuguucugag gagcgccuug 120
acagcagcca ugaggaggcc gccccuacc ucaguga 157

<210> 754
<211> 159
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 754
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacaugu 60
gacugcugac aaucccugug accugguuug ucagcaguca cauuguucug aggagcgccu 120
ugacagcagc caugggaggg ccgccccua ccucaguga 159

<210> 755
<211> 158
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 755
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacaugu 60
gacugcugac aaccuguga uuugguuugu cagcagucac auuguucuga ggagcgccuu 120
gacagcagcc augggaggc cgccccuac cucaguga 158

<210> 756
<211> 158
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 756
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacaugu 60
gacugcugac aaccuauaa uuugguuugu cagcagucac auuguucuga ggagcgccuu 120

gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 757

<211> 159

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 757

gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacaugu 60

gacugcugac aacaccuga ccaguuuug ucagcaguca cauguucug aggagcgccu 120

ugacagcagc caugggaggg ccgccccua ccucaguga 159

<210> 758

<211> 158

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 758

gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacaugu 60

gacugcugac aaccuguga ccugguuugu cagcagucac auuguucugu ggagcgccu 120

gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 759

<211> 158

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 759

gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacaugu 60

gacugcugac aaucuguga ccugguuugu cagcagucac auuguucugu ggagcgccu 120

gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 760

<211> 158
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 760
 gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacaauugu 60
 gacagcugac aaaccuguga ccugguuugu cagcagucac auuguucugu ggagcgccuu 120
 gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 761
 <211> 159
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 761
 gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacaauugu 60
 gacugcugac aacaccuga cccaguuuug ucagcaguca cauuguucug uggagcgccu 120
 ugacagcagc caugggaggg ccgccccua ccucaguga 159

<210> 762
 <211> 158
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 762
 gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacaauugu 60
 gacugcugac aagccuguga ccugguuugu cagcagucac auuguucugu ggagcgccuu 120
 gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 763
 <211> 158
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 763
 gugcuggggcg gggggcgggcg ggcccucccg cagaacacca ugcgcucuuc ggaacgacga 60
 aggccgugug cgcccuguga ccuggucgca cacggccuuc gucguucuga ggagcgccuu 120
 gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 764
 <211> 158
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 764
 gugcuggggcg gggggcgggcg ggcccucccg cagaacacca ugcgcucuuc ggaugacuu 60
 gggcaaaggu ggcccuguga ccugguccac cuuugcccaa gucauucuga ggagcgccuu 120
 gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 765
 <211> 158
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 765
 gugcuggggcg gggggcgggcg ggcccucccg cagaacacca ugcgcucuuc ggaaaacuca 60
 ucuguuaucc ugcccuguga ccuggucagg auaacagaug aguuuucuga ggagcgccuu 120
 gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 766
 <211> 260
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 766
gaagcaaaga aggggcagag ggagcccgug agcugagugg gccagggacu gggagaagga 60
gugaggaggc agggccggca ugccucugcu gcuggccaga caaugugacu gcugacaacc 120
cgucugcacc ugucacuagu uugucagcag ucacauuguu uggccgugua gugcuaccca 180
gcgcuggcug ccuccucagc auugcaauuc cucucccauc ugggcaccag ucagcuaccc 240
uggugggaau cuggguagcc 260

<210> 767
<211> 158
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 767
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaaccccuu 60
aacucaucug uucccuguga ccugguaaca gaugaguuaa gggguucuga ggagcgccuu 120
gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 768
<211> 158
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 768
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacccuua 60
acucaucugu uaccucuguga ccugguuaac agaugaguua agggguucuga ggagcgccuu 120
gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 769
<211> 158
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 769
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaaaacuca 60
ucuguuau cu ugcccuguga ccuggucagg auaacagaug aguuuucuga ggagcgccuu 120
gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 770
<211> 158
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 770
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaagcugug 60
gaaauguauc uucccuguga ccugguagga uacauuucua cagcuucuga ggagcgccuu 120
gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 771
<211> 158
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 771
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaugacuu 60
gggcaaaggu gagccuguga ccugguccac cuuugcccaa gucauucuga ggagcgccuu 120
gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 772
<211> 158
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 772
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacccuu 60
aacucaucug uugccuguga ccugguaaca gaugaguuaa gggguucuga ggagcgccuu 120

gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 773

<211> 158

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 773

gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacccuua 60

acucaucugu uagccuguga ccugguuaac agaagaguua aggguucuga ggagcgccuu 120

gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 774

<211> 158

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 774

gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaaaacuca 60

ucuguuauca uagccuguga ccuggucagg auaacagaug aguuuucuga ggagcgccuu 120

gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 775

<211> 158

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 775

gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaagcugug 60

gaaauguauca uugccuguga ccugguagga uacauuucua cagcuucuga ggagcgccuu 120

gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 776
 <211> 158
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 776
 gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaaugacuu 60
 gggcaaaggu aggccuguga ccugguccac cuuugcccaa gucauucuga ggagcgccuu 120
 gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 777
 <211> 158
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 777
 gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacccuu 60
 aacucaucug uucccuguga uuugguaaca gaugaguuaa gggguucuga ggagcgccuu 120
 gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 778
 <211> 158
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 778
 gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacccuua 60
 acucaucugu uaccuguga uuugguuaac agaugaguua agggguucuga ggagcgccuu 120
 gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 779
 <211> 158
 <212> RNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 779

gugcuggggcg gggggcgggcg ggcccucccg cagaacacca ugcgcucuuc ggaaaacuca 60

ucuguuauuc ugcccuguga uuuggucagg auaacagaug aguuuucuga ggagcgccuu 120

gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 780

<211> 158

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 780

gugcuggggcg gggggcgggcg ggcccucccg cagaacacca ugcgcucuuc ggaagcugug 60

gaaauguauc uucccuguga uuugguagga uacauuucua cagcuucuga ggagcgccuu 120

gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 781

<211> 158

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 781

gugcuggggcg gggggcgggcg ggcccucccg cagaacacca ugcgcucuuc ggaugacuu 60

gggcaaaggu gagccuguga uuugguccac cuuugcccaa gucauucuga ggagcgccuu 120

gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 782

<211> 158

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 782
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaaccccuu 60
aacacaucug uuaccuguga ccugguaaca gaugaguuaa gggguucugu ggagcgccuu 120
gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 783
<211> 158
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 783
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacccuua 60
acugaucugu uaaccuguga ccugguuaac agaugaguua aggguucugu ggagcgccuu 120
gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 784
<211> 158
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 784
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaaaacuca 60
ucucuuaucu ugcccuguga ccuggucagg auaacagaug aguuuucugu ggagcgccuu 120
gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 785
<211> 158
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 785
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaagcugug 60

gaauuguauc uugccuguga ccugguagga uacauuucua cagcuucugu ggagcgccuu 120

gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 786
 <211> 158
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 786
 gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaugacuu 60
 ggggaaaggu gagccuguga ccugguccac cuuugcccaa gucauucugu ggagcgccuu 120
 gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 787
 <211> 158
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 787
 gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacccuu 60
 aacucaucug uugccuguga ccugguaaca gaugaguuaa gggguucugu ggagcgccuu 120
 gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 788
 <211> 158
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 788
 gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaacccuua 60
 acucaucugu uagccuguga ccugguuaac agaugaguua aggguucugu ggagcgccuu 120
 gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 789
<211> 158
<212> RNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 789
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaaaacuca 60
ucuguuauuc uggccuguga ccuggucagg auaacagaug aguuuucugu ggagcgccuu 120
gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 790
<211> 158
<212> RNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 790
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaagcugug 60
gaaauguauuc uugccuguga ccugguagga uacauuucua cagcuucugu ggagcgccuu 120
gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 791
<211> 158
<212> RNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 791
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaugacuu 60
gggcaaaggu aggccuguga ccugguccac cuuugcccaa gucauucugu ggagcgccuu 120
gacagcagcc augggagggc cgcccccuac cucaguga 158

<210> 792
<211> 260
<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 792

gaagcaaaga aggggcagag ggagcccgug agcugagugg gccagggacu gggagaagga	60
gugaggaggc agggccggca ugccucugcu gcuggccaga ccccuuacu cauuguucc	120
cgucugcacc ugucacuagu aacagaugag uuaagggguu ug gccgugua gugcuaccca	180
gcgcuggcug ccuccucagc auugcaauuc cucuccauc ug ggcaccag ucagcuaccc	240
uggugggaau cuggguagcc	260

<210> 793

<211> 260

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 793

gaagcaaaga aggggcagag ggagcccgug agcugagugg gccagggacu gggagaagga	60
gugaggaggc agggccggca ugccucugcu gcuggccaga cccuuacuc aucuguuacc	120
cgucugcacc ugucacuagu uacagauga guuaagggguu ug gccgugua gugcuaccca	180
gcgcuggcug ccuccucagc auugcaauuc cucuccauc ug ggcaccag ucagcuaccc	240
uggugggaau cuggguagcc	260

<210> 794

<211> 260

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 794

gaagcaaaga aggggcagag ggagcccgug agcugagugg gccagggacu gggagaagga	60
gugaggaggc agggccggca ugccucugcu gcuggccaga aacucaucug uuaucuugcc	120
cgucugcacc ugucacuagu caggauaaca gaugaguuuu ug gccgugua gugcuaccca	180

gcgcuggcug ccuccucagc auugcaauuc cucucccauc ugggcaccag ucagcuaccc 240
 uggugggaau cuggguagcc 260

<210> 795
 <211> 260
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 795
 gaagcaaaga aggggcagag ggagcccgug agcugagugg gccagggacu gggagaagga 60
 gugaggaggc agggccggca ugccucugcu gcuggccaga gcuguggaaa uguaucuucc 120
 cgucugcacc ugucacuagu aggauacauu ucuacagcuu uggccgugua gugcuaccca 180
 gcgcuggcug ccuccucagc auugcaauuc cucucccauc ugggcaccag ucagcuaccc 240
 uggugggaau cuggguagcc 260

<210> 796
 <211> 260
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 796
 gaagcaaaga aggggcagag ggagcccgug agcugagugg gccagggacu gggagaagga 60
 gugaggaggc agggccggca ugccucugcu gcuggccaga ugacuugggc aaagguagcc 120
 cgucugcacc ugucacuagu ccaccuuugc ccaagucuu uggccgugua gugcuaccca 180
 gcgcuggcug ccuccucagc auugcaauuc cucucccauc ugggcaccag ucagcuaccc 240
 uggugggaau cuggguagcc 260

<210> 797
 <211> 158
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 797
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc gggauuuguc 60
agcagucaca uugucuguga ccuggcaaug ugacugcuga caaauccuga ggagcgccuu 120
gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 798
<211> 158
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 798
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaagcaggu 60
ccucacuuua augccuguga ccugggauua aagugaggac cugcuucuga ggagcgccuu 120
gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 799
<211> 158
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 799
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaaggcaau 60
gugacugcug accccuguga ccugguguca gcagucacau ugccuucuga ggagcgccuu 120
gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 800
<211> 158
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
polynucleotide

<400> 800
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaagcaggu 60

ccucacuuua auuccuguga ccugggauua aagugaggac cugcuucuga ggagcgccuu 120

gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 801
 <211> 158
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 801
 gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcuuc ggaaggcaau 60
 gugacugcug augccuguga ccugguguca gcagucacau ugccuucuga ggagcgccuu 120
 gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 802
 <211> 158
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 802
 gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcuuc ggaagcaggu 60
 ccucacuuua auccuguga uuugggauua aagugaggac cugcuucuga ggagcgccuu 120
 gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 803
 <211> 158
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 803
 gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcuuc ggaaggcaau 60
 gugacugcug auaccuguga uuugguguca gcagucacau ugccuucuga ggagcgccuu 120
 gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 804
<211> 158
<212> RNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 804
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaagcaggu 60
ccugacuuua aucccuguga ccugggauua aagugaggac cugcuucugu ggagcgccuu 120
gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 805
<211> 158
<212> RNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 805
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaaggcaau 60
gugucugcug auaccuguga ccugguguca gcagucacau ugccuucugu ggagcgccuu 120
gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 806
<211> 158
<212> RNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 806
gugcugggcg gggggcggcg ggcccucccg cagaacacca ugcgcucuuc ggaagcaggu 60
ccucacuuua aucccuguga ccugggauua aagugaggac cugcuucugu ggagcgccuu 120
gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 807
<211> 158
<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 807

gugcugggcg gggggcgggcg ggcccucccg cagaacacca ugcgcucuuc ggaaggcaau 60

gugacugcug auaccuguga ccugguguca gcagucacau ugccuucugu ggagcgccuu 120

gacagcagcc augggagggc cgccccuac cucaguga 158

<210> 808

<211> 260

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 808

gaagcaaaga aggggcagag ggagcccgug agcugagugg gccagggacu gggagaagga 60

gugaggaggc agggccggca ugccucugcu gcuggccaga gcagguccuc acuuuaaucc 120

cgucugcacc ugucacuagg auuaaaguga ggaccugcuu uggccgugua gugcuaccca 180

gcgcuggcug ccuccucagc auugcaauuc cucuccauc ugggcaccag ucagcuaccc 240

uggugggaau cuggguagcc 260

<210> 809

<211> 260

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic polynucleotide

<400> 809

gaagcaaaga aggggcagag ggagcccgug agcugagugg gccagggacu gggagaagga 60

gugaggaggc agggccggca ugccucugcu gcuggccaga ggcaauguga cugcugauac 120

cgucugcacc ugucacuagu gucagcaguc acauugccuu uggccgugua gugcuaccca 180

gcgcuggcug ccuccucagc auugcaauuc cucuccauc ugggcaccag ucagcuaccc 240

uggugggaau cuggguagcc 260

<210> 810
<211> 54
<212> RNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 810

uccugaggag cgccuugaca gcagccaugg gagggccgcc ccuaccuca guga

54