SEQUENCE LISTING

<110> SHIN NIPPON BIOMEDICAL LABORATORIES, LTD

<120> ADJUVANT OF CHIRAL NUCLEIC ACID

<130> 12-133PCT

<150> US61/671654
<151> 2012-07-13

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<170> PatentIn version 3.5

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<223> wherein all the internucleotide linkages are phosphorothioate linkages

<400> 39
tcatcgattt atcgatttat cggg 24

<210> 40
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
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<220>
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<220>
<221> misc_feature
<222> (11)..(20)
<223> wherein all the internucleotide linkages are phosphorothioate linkages

<400> 40
ggtgcgacga tgcaggggg 20

<210> 41
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
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<220>
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<223> wherein all the internucleotide linkages are phosphorothioate linkages

<220>
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<222> (17)..(20)
<223> wherein all the internucleotide linkages are phosphorothioate linkages

<400> 41
gggggacgat cgtcgggggg 20

<210> 42
<211> 20
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<213> Artificial Sequence

<220>
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<220>
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<220>
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<222> (15)..(20)
<223> wherein all the internucleotide linkages are phosphorothioate linkages

<400> 42
gggacgatat cgtcgggggg 20

<210> 43
<211> 20
<212> DNA
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<220>
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<220>
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<222> (15)..(20)
<223> wherein all the internucleotide linkages are phosphorothioate linkages

<400> 43
gggacgacgt cgtcgggggg 20

<210> 44
<211> 20
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<220>
<221> misc_feature
<222> (15)..(20)
<223> wherein all the internucleotide linkages are phosphorothioate linkages with Sp Chirality

<400> 44
gggacgacgt cgtcgggggg 20

<210> 45
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
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<220>
<221> misc_feature
<222> (15)..(20)
<223> wherein all the internucleotide linkages are phosphorothioate linkages with Rp Chirality

<400> 45
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<210> 46
<211> 20
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<220>
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<220>
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<220>
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<222> (15)..(20)
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<400> 46
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<210> 47
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<220>
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<220>
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<222> (13)..(20)
<223> wherein all the internucleotide linkages are phosphorothioate linkages

<400> 47
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<210> 48
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<220>
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<220>
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<222> (11)..(14)

<223> wherein all the internucleotide linkages are phosphorothioate linkages

<400> 48
ggggtcgttc gggg 14

<210> 49
<211> 24
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<220>
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<220>
<221> misc_feature
<222> (16)..(24)
<223> wherein all the internucleotide linkages are phosphorothioate linkages with Sp Chirality

<400> 49
tcatcgattt atcgatttaa cggg 24

<210> 50
<211> 24
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<220>
<221> misc_feature
<222> (16)..(24)
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<400> 50
tcgacgtttt gacgttttga cggg 24

<210> 51
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<212> DNA
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<220>
<221> misc_feature
<222> (18)..(24)
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<400> 51
tcgacgtttt gacgttttga cggg 24

<210> 52
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<212> DNA
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<220>
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<210> 53
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<220>
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tcgacgttga cgttgacggg 20

<210> 54
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<400> 54
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<210> 55
<211> 19
<212> DNA
<213> Artificial Sequence

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<220>
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<220>
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<400> 55
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<210> 56
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<220>
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<220>
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<400> 56
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<210> 57
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<210> 58
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<400> 58
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<210> 59
<211> 21
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<400> 59
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<210> 60
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<220>
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<400> 60
tcgacgtttt gacgttttgg ggg 23

<210> 61
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<212> DNA
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<222> (8)..(11)
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<220>
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<400> 61
tcgacgtttt gacgttttga gggg 24

<210> 62
<211> 24
<212> DNA
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<220>
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<400> 62
tcgacgtttt gacgttttgt gggg 24

<210> 63
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<400> 63
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<210> 64
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<220>
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<210> 65
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<212> DNA
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<220>
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<222> (16)..(19)
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<220>
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<222> (22)..(24)
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<400> 65
tcgacgttta gacgtttaga cggg 24

<210> 66
<211> 24
<212> DNA
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<220>
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<400> 66
tcgacgtttt gacgttttga cgaa 24

<210> 67
<211> 24
<212> DNA
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<400> 67
tcgacgtttt gacgttttga cgtt 24

<210> 68
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<220>
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<220>
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<222> (22)..(24)
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<400> 68
tcaacgtttt aacgttttga cggg 24

<210> 69
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<212> DNA
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<220>
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<220>
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<220>
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<400> 69
tcgacgtttt gacgttttgg g 21

<210> 70
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<220>
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<220>
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<220>
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<400> 70
tcgacgtttt gacgttttga cgttgg 26

<210> 71
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<222> (8)..(9)
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<220>
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<400> 71
tcgacgttga cgttggg 17

<210> 72
<211> 24
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<220>
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<220>
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<400> 72
tcgacgtttt gacgttttga cggg 24

<210> 73
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<220>
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<222> (8)..(12)
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tcgacgtttt gacgttttga cggg 24

<210> 74
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<220>
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tcgacgtttt gacgttttga cggg 24

<210> 75
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<220>
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<400> 75
tcgacgtaga cgtagacggg 20

<210> 76
<211> 24
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<220>
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<220>
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<210> 77
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<400> 77
tagacgacgt cgtagacggg 20

<210> 78
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