PC72040_ST25
SEQUENCE LISTING

<110> Pfizer Inc.

<120> Immunogenic compositions comprising conjugated capsular saccharide antigens and uses thereof

<130> PC72040A

<150> US 61/929,547
<151> 2014-01-21

<160> 40

<170> PatentIn version 3.5

<210> 1
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> "A class" CpG oligonucleotide

<400> 1
ggggacgacg tcgtgggggg g
21

<210> 2
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> "A class" CpG oligonucleotide

<400> 2
ggggacgacg tcgtgggggg g
21

<210> 3
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> "B class" CpG oligonucleotide

<400> 3
tcgtcgtttt tcggtgcttt t
21

<210> 4

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

<220>
<223> "B class" CpG oligonucleotide

<400> 4
tcgtcgtttt tcggtcgttt t
21

<210> 5
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> "B class" CpG oligonucleotide

<400> 5
tcgtcgtttt gtcgttttgt cgtt
24

<210> 6
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> "B class" CpG oligonucleotide

<400> 6
tcgtcgtttc gtcgttttgt cgtt
24

<210> 7
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> "B class" CpG oligonucleotide

<400> 7
tcgtcgtttt gtcgtttttt tcga
24

<210> 8
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> B-Class oligonucleotide

<400> 8
tcgtcgtttt tcggtgcttt t
21

<210> 9
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> B-Class oligonucleotide

<400> 9
tcgtcgtttt tcggtcgttt t
21

<210> 10
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> B-Class oligonucleotide

<400> 10
tcgtcgtttt gtcgttttgt cgtt
24

<210> 11
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> B-Class oligonucleotide

<400> 11
tcgtcgtttc gtcgttttgt cgtt
24

<210> 12
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> B-Class oligonucleotide

<400> 12

tcgtcgtttt gtcgtttttt tcga
24

<210> 13
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> C class CpG Oligonucleotide

<400> 13
tcgcgtcgtt cggcgcgcgc cg
22

<210> 14
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> C class CpG Oligonucleotide

<400> 14
tcgtcgacgt tcggcgcgcg ccg
23

<210> 15
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> C class CpG Oligonucleotide

<400> 15
tcggacgttc ggcgcgcgcc g
21

<210> 16
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> C class CpG Oligonucleotide

<400> 16
tcggacgttc ggcgcgccg
19

<210> 17
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> C class CpG Oligonucleotide

<400> 17
tcgcgtcgtt cggcgcgccg
20

<210> 18
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> C class CpG Oligonucleotide

<400> 18
tcgacgttcg gcgcgccg
20

<210> 19
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> C class CpG Oligonucleotide

<400> 19
tcgacgttcg gcgccg
18

<210> 20
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> C class CpG Oligonucleotide

<400> 20
tcgcgtcgtt cggcgccg
18

<210> 21
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> C class CpG Oligonucleotide

<400> 21
tcgcgacgtt cggcgcgcgc cg
     22

<210> 22
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> C class CpG Oligonucleotide

<400> 22
tcgtcgtttt cggcgcgcgc cg
     22

<210> 23
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> C class CpG Oligonucleotide

<400> 23
tcgtcgtttt cggcggccgc cg
     22

<210> 24
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> C class CpG Oligonucleotide

<400> 24
tcgtcgtttt acggcgccgt gccg
     24

<210> 25
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> C class CpG Oligonucleotide

<400> 25
tcgtcgtttt cggcgcgcgc cgt
23

<210> 26
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> C-Class oligonucleotides

<400> 26
tcgcgtcgtt cggcgcgcgc cg
22

<210> 27
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> C-Class oligonucleotide

<400> 27
tcgtcgacgt tcggcgcgcg ccg
23

<210> 28
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> C-Class oligonucleotide

<400> 28
tcggacgttc ggcgcgcgcc g
21

<210> 29
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> C-Class oligonucleotide

<400> 29
tcggacgttc ggcgcgccg
19

<210> 30
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> C-Class oligonucleotide

<400> 30
tcgcgtcgtt cggcgcgccg
20

<210> 31
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> C-Class oligonucleotide

<400> 31
tcgacgttcg gcgcgccg
20

<210> 32
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> C-Class oligonucleotide

<400> 32
tcgacgttcg gcgcgccg
18

<210> 33
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> C-Class oligonucleotide

<400> 33
tcgcgtcgtt cggcgccg
18

<210> 34
<211> 22
<212> DNA

<213> Artificial Sequence

<220>
<223> C-Class oligonucleotide

<400> 34
tcgcgacgtt cggcgcgcgc cg
22

<210> 35
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> C-Class oligonucleotide

<400> 35
tcgtcgtttt cggcgcgcgc cg
22

<210> 36
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> C-Class oligonucleotide

<400> 36
tcgtcgtttt cggcggccgc cg
22

<210> 37
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> C-Class oligonucleotide

<400> 37
tcgtcgtttt acggcgccgt gccg
24

<210> 38
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> C-Class oligonucleotide

<400> 38
tcgtcgtttt cggcgcgcgc cgt
23

<210> 39
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> P class CpG oligonucleotide

<400> 39
tcgtcgacga tcggcgcgcg ccg
23

<210> 40
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> P class CpG oligonucleotide

<400> 40
tcgtcgacga tcggcgcgcg ccg
23