

SEQUENCE LISTING

<110> Agency for Science, Technology and Research

<120> DETECTION AND QUANTIFICATION OF TARGET NUCLEIC ACID SEQUENCE OF A MICROORGANISM

<130> 9869SG4168

<160> 89

<170> PatentIn version 3.5

<210> 1

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<212> DNA

<213> Human herpesvirus 4

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<212> DNA
<213> Human herpesvirus 4

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aaggggggttc gcgttgctag gccaccttct cagtccagcg cgtttacgta a 111

<210> 11
<211> 148
<212> DNA
<213> Human herpesvirus 4

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ttcgcgttgc taggccacct tctcagtc 148

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<210> 13
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<400> 19

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<210> 20

<211> 150

<212> DNA

<213> Mycobacterium tuberculosis

<400> 20

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cagcaacttc atgctgtggc aggcggccta 150

<210> 21

<211> 150

<212> DNA

<213> Mycobacterium tuberculosis

<400> 21

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tgtattcagc gtaggccgcc tgccacagca tgaagttgct ggagcgctgc tcacccgagg 120

tccgcaggaa gaggtcaacg tcgggaatgt 150

<210> 22

<211> 150

<212> DNA

<213> Mycobacterium tuberculosis

<400> 22

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cagcaacttc atgctgtggc aggcggccta 150

<210> 23

<211> 150

<212> DNA

<213> Mycobacterium tuberculosis

<400> 23

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 <212> DNA
 <213> Mycobacterium tuberculosis

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<210> 25
 <211> 108
 <212> DNA
 <213> Mycobacterium tuberculosis

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 <212> DNA
 <213> Mycobacterium tuberculosis

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gtgcagatag cgcggtcgt gaaaacgcat	150

<210> 27
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 <212> DNA
 <213> Mycobacterium tuberculosis

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gctgctgatc ttcgatgaga tcgccaccgg	150

<210> 28
<211> 150
<212> DNA
<213> Mycobacterium tuberculosis

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acgctcccca tcgggggcgc cggtaaggcc 150

<210> 29
<211> 150
<212> DNA
<213> Mycobacterium tuberculosis

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<211> 57
<212> DNA
<213> Mycobacterium tuberculosis

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<210> 31
<211> 57
<212> DNA
<213> Mycobacterium tuberculosis

<400> 31
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<210> 32
<211> 77
<212> DNA
<213> Mycobacterium tuberculosis

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cccttgcat tagttgc 77

<210> 33
 <211> 71
 <212> DNA
 <213> *Mycobacterium tuberculosis*

<400> 33
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 cgaacgactt t 71

<210> 34
 <211> 71
 <212> DNA
 <213> *Mycobacterium tuberculosis*

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 gcgccagccg g 71

<210> 35
 <211> 150
 <212> DNA
 <213> *Mycobacterium tuberculosis*

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 gttgccaata ccaatggcga aatatggcaa 150

<210> 36
 <211> 150
 <212> DNA
 <213> *Mycobacterium tuberculosis*

<400> 36
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 gcgctgggat ggatcgggtc cgaggccgcc 150

<210> 37
 <211> 111
 <212> DNA
 <213> *Mycobacterium tuberculosis*

<400> 37
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<212> DNA
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<210> 39
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<212> DNA
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gtcgcacatcg cattcgcctt gcccgcctgt 150

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<211> 150
<212> DNA
<213> Mycobacterium tuberculosis

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atggggacat ttgccctcca tggcctcacc 150

<210> 41
<211> 150
<212> DNA
<213> Mycobacterium tuberculosis

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atgcagggcc cgcaacatcg ggtcgctgcc 150

<210> 42
<211> 150
<212> DNA
<213> Mycobacterium tuberculosis

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ggacgccgat cccgacgagg gcttcattcg cggcaagatg aagggcggcc cgctgccccg 120
cggtcgaggc ctgttgatgg cagaagacac 150

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<211> 69
<212> DNA
<213> Mycobacterium tuberculosis

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ggttggtag 69

<210> 44
<211> 69
<212> DNA
<213> Mycobacterium tuberculosis

<400> 44
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cgggtgttct 69

<210> 45
<211> 112
<212> DNA
<213> Mycobacterium tuberculosis

<400> 45
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<211> 112
<212> DNA
<213> Mycobacterium tuberculosis

<400> 46

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 <212> DNA
 <213> Mycobacterium tuberculosis

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<210> 48
 <211> 150
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cgcagcaccc agccgcgttc gagctggacc	150

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 <212> DNA
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<210> 51
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 <212> DNA
 <213> Mycobacterium tuberculosis

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<210> 52
 <211> 114
 <212> DNA
 <213> Mycobacterium tuberculosis

<400> 52
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<210> 53
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 <213> Mycobacterium tuberculosis

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<210> 54
 <211> 114
 <212> DNA
 <213> Mycobacterium tuberculosis

<400> 54
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<400> 55
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caagatcgct gagagcgcg gcatgggtag	150

<210> 57
 <211> 64
 <212> DNA
 <213> Mycobacterium tuberculosis

<400> 57	
cttccgataa atagttagcc gaattatata ctcaggcatc aatctcagct cgtccaatcg	60
agca	64

<210> 58
 <211> 64
 <212> DNA
 <213> Mycobacterium tuberculosis

<400> 58	
tgctcgattg gacgagctga gattgatgcc tgaggatata attcggctaa ctatttatcg	60
gaag	64

<210> 59
 <211> 89
 <212> DNA
 <213> Mycobacterium tuberculosis

<400> 59	
tgatggcgct ggtggaatac tccgccgacg aaatcagaga agtgttctcc gacttccccg	60
atctggaggt gtgtgtctac gccgcgccc	89

<210> 60
 <211> 89

<212> DNA
 <213> Mycobacterium tuberculosis

<400> 60
 ggacgcggcg tagacacaca cctccagatc ggggaagtcg gagaacactt ctctgatttc 60
 gtcggcggag tattccacca gcgccatca 89

<210> 61
 <211> 93
 <212> DNA
 <213> Mycobacterium tuberculosis

<400> 61
 ggtcgtgctg gcggccacgc cgtgatcgcc agctcgaaga caacgcgcca cgcgtgaagc 60
 ggctcgatct ggtcgccggg cccaacggcg ccg 93

<210> 62
 <211> 93
 <212> DNA
 <213> Mycobacterium tuberculosis

<400> 62
 cggcgccgtt gggcccggcg accagatcga gccgcttcac gcgtggcgcg ttgtcttcga 60
 gctggcgatc acggcgtggc cgccagcacg acc 93

<210> 63
 <211> 150
 <212> DNA
 <213> Mycobacterium tuberculosis

<400> 63
 caaaggatta ccagcgcgag gacctgaacc ctgagttctt cgcggcgtgt tctcggcac 60
 tgcattggacg tagcagactg tggttgttcc gctaccaggg cacgccaatt gccttctttt 120
 tgaacgtttg gggcgcggat gagaactaca 150

<210> 64
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 <212> DNA
 <213> Mycobacterium tuberculosis

<400> 64
 cagtatgtag ttctcatccg caccctaaac gttcaaaaag aaggcaattg gcgtgccctg 60
 gtagcggaac aaccacagtc tgctacgtcc atgcagatgc cgagaacacg ccgcgaagaa 120

ctcagggttc aggtcctcgc gctggtaatc 150

<210> 65
<211> 150
<212> DNA
<213> Mycobacterium tuberculosis

<400> 65
cgagggtgac gacccgtcga tgaccaacc ctacatgtac gacgtcgtcg acaccaagcg 60
cggggcccgc aaaagctaca ccgaagccct gatcggacgt ggcgacatct cgatgaaaga 120
ggccgaggac gcgctgcgcg actaccaggg 150

<210> 66
<211> 104
<212> DNA
<213> Mycobacterium tuberculosis

<400> 66
ttagcccacc gtatcgggcg gcggggactt gccggaacc gacgaacgcc tcggcatcca 60
tccaaatggc gacgaaagat cacggaattg tcgcgaaacg aacg 104

<210> 67
<211> 82
<212> DNA
<213> Mycobacterium tuberculosis

<400> 67
cctcgagcaa aaacgtcttc accggtgttg cccgcacccg tagccgcaa caacgcggca 60
tccagatcgc gctgttggct gg 82

<210> 68
<211> 82
<212> DNA
<213> Mycobacterium tuberculosis

<400> 68
ccagccaaca gcgcgatctg gatgccgcgt tgttggcggc tacgggtgcg ggcaacaccg 60
gtgaagacgt ttttgctcga gg 82

<210> 69
<211> 150
<212> DNA
<213> Mycobacterium tuberculosis

<400> 69
 caaaggatta ccagcgcgag gacctgaacc ctgagttctt cgcggcgtgt tctcggcatc 60
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 tgaacgggtg ggggtgcggat gagacctaca 150

<210> 70
 <211> 150
 <212> DNA
 <213> Mycobacterium tuberculosis

<400> 70
 cagtatgtag ttctcatccg caccctaaac gttcaaaaag aaggcaattg gcgtgccctg 60
 gtagcgggaac aaccacagtc tgctacgtcc atgcagatgc cgagaacacg ccgcgaagaa 120
 ctgaggggtc aggtcctcgc gctggtaatc 150

<210> 71
 <211> 150
 <212> DNA
 <213> Mycobacterium tuberculosis

<400> 71
 ggctaggcgc gaaaagcgcg tggtcgacat gttcggagat cgcattgaata aaaacgatgt 60
 gagattcctg gattcgcccg gtgtcgcgtg acgggacgtt gatcaagaaa tctgcgaatt 120
 ctgccagctg gccgccggag tcgcccgtca 150

<210> 72
 <211> 83
 <212> DNA
 <213> Mycobacterium tuberculosis

<400> 72
 ccatttcggg ttaccctcg gcggcaacga gcgtgtcgag catccgttca cactgcgccg 60
 cggtgatggc gtagccgtcg ggt 83

<210> 73
 <211> 83
 <212> DNA
 <213> Mycobacterium tuberculosis

<400> 73
 acccgacggc tacgcatca ccgcggcgca gtgtgaacgg atgctcgaca cgctcgttgc 60
 cgccgagggg gaacccgaag tgg 83

<210> 74
<211> 18
<212> DNA
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<220>
<223> Synthetic sequence

<400> 74
ggctgtgggt agcagacc 18

<210> 75
<211> 23
<212> DNA
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<220>
<223> Synthetic sequence

<400> 75
acctgaaaga cgttatccac cat 23

<210> 76
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic sequence

<400> 76
cgggtccaga tggcttgc 18

<210> 77
<211> 22
<212> DNA
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<220>
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<400> 77
cggctagtgc attgtcatag ga 22

<210> 78
<211> 21
<212> DNA
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<400> 78
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<210> 79
 <211> 22
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<400> 79
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<210> 80
 <211> 150
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 aacgctatgc tgtaactcga cctgacaaga ctgtacctat gagaaggcac ttgctacctt 120
 atgcaagcgt cagcccgcgg tatcgcttgg 150

<210> 81
 <211> 20
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 <223> Synthetic sequence

<400> 81
 cgctctcggt gtcctcattc 20

<210> 82
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<220>

<223> Synthetic sequence

<400> 82

ggctgacgct tgcataaggt

20

<210> 83

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic sequence

<220>

<221> misc_feature

<222> (1)..(1)

<223> VIC fluorescent dye (VIC)

<220>

<221> misc_feature

<222> (29)..(29)

<223> Carboxytetramethylrhodamine (TAMRA)

<400> 83

cacaacgcta tgctgtaact cgacctgac

29

<210> 84

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic sequence

<220>

<221> misc_feature

<222> (1)..(1)

<223> Carboxyfluorescein (FAM)

<220>

<221> misc_feature

<222> (21)..(21)

<223> Carboxytetramethylrhodamine (TAMRA)

<400> 84

tgtcgacctg ggcagggttc g

21

<210> 85

<211> 22

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic sequence

<220>
<221> misc_feature
<222> (1)..(1)
<223> Fluorescein (FAM)

<220>
<221> misc_feature
<222> (22)..(22)
<223> Carboxytetramethylrhodamine (TAMRA)

<400> 85
tccgaccgcg ctccgaccga cg 22

<210> 86
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic sequence

<400> 86
tcatcatcat ccgggtctcc 20

<210> 87
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic sequence

<400> 87
gctcaccatc tgggccac 18

<210> 88
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic sequence

<400> 88

cctccaggta gaaggccatt tttccaccct gtag

34

<210> 89

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic sequence

<400> 89

cacaacgcta tgctgtaact cgacctgac

29