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gatgatcagc cactactggga ctgagacacg gccagactc ctacgggagg cagcagtgagg 360
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caaggtaacc gtaggggaac ctgcggttgg atcacctcct ta 1542

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<210> 10
 <211> 1505
 <212> DNA
 <213> *Serratia marcescens*

<400> 10
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 tactgggcgt aaagcgcacg caggcgggtt gttaagtcag atgtgaaatc cccgggctca 600
 acctgggaac tgcatttgaa actggcaagc tagagtctcg tagagggggg tagaattcca 660
 ggtgtagcgg tgaaatgcgt agagatctgg aggaataccg gtggcgaagg cgggccctg 720
 gacgaagact gacgctcagg tgccaaagcg tggggagcaa acaggattag ataccctggt 780
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 cagtgataaa ctggaggaag gtggggatga cgtcaagtca tcatggccct tacgagtagg 1200
 gctacacacg tgctacaatg gcatatacaa agagaagcga cctcgcgaga gcaagcggac 1260
 ctcataaagt atgtcgtagt ccggattgga gtctgcaact cgactccatg aagtcggaat 1320
 cgtagtaat cgtagatcag aatgctacgg tgaatacgtt cccgggcctt gtacacaccg 1380
 cccgtcacac catgggagtg ggttgcaaaa gaagtaggta gcttaacctt cgggagggcg 1440
 cttaccactt tgtgattcat gactgggggtg aagtcgtaac aaggtaaccg taggggaacc 1500
 tgcgg 1505

<210> 11
 <211> 1438
 <212> DNA
 <213> *Enterobacter aerogenes*

<220>

<221> misc_feature
 <222> (1425)..(1425)
 <223> n is a, c, g, or t

<400> 11
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 actggaaacg gtagctaata cgcataacg tcgcaagacc aaagtggggg accttcgggc 180
 ctcatgccat cagatgtgcc cagatgggat tagctagtag gtggggtaat ggctcaccta 240
 ggcgacgatc cctagctggt ctgagaggat gaccagccac actggaactg agacacggtc 300
 cagactccta cgggaggcag cagtggggaa tattgcacaa tgggcgcaag cctgatgcag 360
 ccatgccgcg tgtatgaaga aggccttcgg gttgtaaagt actttcagcg aggaggaagg 420
 cgtaagggtt aataaccttg gcgattgacg ttactcgcag aagaagcacc ggctaactcc 480
 gtgccagcag ccgcggtaat acggaggggt caagcggttaa tcggaattac tgggcgtaaa 540
 gcgcacgcag gcggtctgtc aagtcggatg tgaaatcccc gggctcaacc tgggaactgc 600
 attcgaaact ggcaggctag agtctttag aggggggtag aattccaggt gtagcgggtga 660
 aatgcgtaga gatctggagg aataccgggt gcgaaggcgg cccctggac aaagactgac 720
 gctcagggtc gaaagcgtgg ggagcaaaca ggattagata ccctggtagt ccacgccgta 780
 aacgatgtcg acttgagggt tgtgcccttg aggcgtggct tccggagcta acgcgttaag 840
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 acaagcgggt gagcatgtgg ttttaattcga tgcaacgcga agaaccttac ctactcttga 960
 catccagaga acttagcaga gatgctttgg tgccttcggg aactctgaga cagggtgctgc 1020
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 tacaatggca tatacaaaga gaagcgacct cgcgagagca agcggacctc ataaagtatg 1260
 tcgtagtccg gattggagtc tgcaactcga ctccatgaag tcggaatcgc tagtaatcgt 1320
 agatcagaat gctacggtga atacgttccc gggccttgta cacaccgcc gtcacaccat 1380
 gggagtgggt tgcaaaagaa gtaggtagct taaccttcgg gaggncgctt taccactt 1438

<210> 12
 <211> 1511
 <212> DNA
 <213> Enterobacter cloacae

<400> 12
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 actactggaa acggtagcta ataccgcata aygtcgcaag accaaagagg gggaccttcg 180
 ggcctcttgc catcagatgt gccagatgg gattagctag taggtgggggt aacggctcac 240

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ctaggcgacg atccctagct ggtctgagag gatgaccagc cacactggaa ctgagacacg      300
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cagccatgcc gcgtgtatga agaaggcctt cgggttgtaa agtactttca gcggggagga      420
aggtgtttgt gttaataacc gcagcaattg acgttaccgc cagaagaagc accggctaac      480
tccgtgccag cagccgcggt aatacggagg gtgcaagcgt taatcggaat tactgggcgt      540
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tgcattcgaa actggcaggc tggagtcttg tagagggggg tagaattcca ggtgtagcgg      660
tgaaatgcgt agagatctgg aggaataccg gtggcgaagg cggccccctg gacaaagact      720
gacgctcagg tgcgaaagcg tggggagcaa acaggattag ataccctggt agtccacgcc      780
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cgcacaagcg gtggagcatg tggtttaatt cgatgcaacg cgaagaacct tacctggtct      960
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tgctacaatg gcgcatacaa agagaagcga cctcgcgaga gcaagcggac ctcataaagt     1260
gcgtcgtagt ccgattgga gtctgcaact cgactccatg aagtcggaat cgctagtaat     1320
cgtagatcag aatgctacgg tgaatacgtt cccgggcctt gtacacaccg cccgtcacac     1380
catgggagtg ggttgcaaaa gaagtaggta gcttaacctt cgggagggcg cttaccactt     1440
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tcacctcctt g                                     1511

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```

<210> 13
<211> 1534
<212> DNA
<213> Klebsiella pneumoniae

```

```

<220>
<221> misc_feature
<222> (11)..(12)
<223> n is a, c, g, or t

```

```

<400> 13
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aactgcctga tggaggggga taactactgg aaacggtagc taataaccgca taacgtcgca     180
agaccaaagt gggggacctt cgggcctcat gccatcagat gtgccagat gggattagct     240
agtaggtggg gtaacggctc acctaggcga cgatccctag ctggtctgag aggatgacca     300
gccacactgg aactgagaca cgggccagac tcctacggga ggcagcagtg gggaaatattg     360

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ctgcagaaga agcaccggct aactccgtgc cagcagccgc ggtaatacgg aggggtgcaag	540
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atccccgggc tcaacctggg aactgcattc gaaactggca ggctagagtc ttgtagaggg	660
gggtagaatt ccagggtgtag cggtgaaatg cgtagagatc tggaggaata ccgggtggcga	720
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cttcgggagg gcgcttacca ctttgtgatt catgactggg gtgaagtcgt aacaaggtaa	1500
ccgtagggga acctgcggtt ggatcacctc cttt	1534

<210> 14
 <211> 1536
 <212> DNA
 <213> *Pseudomonas aeruginosa*

<400> 14	
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gctagttagt ggggtaaagg cctaccaagg cgacgatccg taactggtct gagaggatga	300
tcagtcacac tggaactgag acacgggtcca gactcctacg ggaggcagca gtggggaata	360
ttggacaatg ggcgaaagcc tgatccagcc atgccgcgtg tgtgaagaag gtcttcggat	420
tgtaaagcac tttaagttgg gaggaagggc agtaagttaa taccttgctg ttttgacgtt	480
accaacagaa taagcaccgg ctaacttcgt gccagcagcc gcggtaatac gaagggtgca	540
agcgttaatc ggaattactg ggcgtaaagc gcgcgtaggt ggttcagcaa gttggatgtg	600

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gaaggcgacc acctggactg atactgacac tgaggtgcga aagcgtgggg agcaaacagg	780
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accgcaaggg ggacgggtac cacggagtga ttcagtactg ggggtgaagtc gtaacaagg	1500
agccgtaggg gaacctgcgg ctggatcacc tcctta	1536

<210> 15
 <211> 1497
 <212> DNA
 <213> *Acinetobacter calcoaceticus*

<400> 15 tagagtttga tcctggctca gattgaacgc tggcggcagg cttaacacat gcaagtcgag	60
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tgcctattag tgggggacaa cattccgaaa ggaatgctaa taccgcatac gtcctacggg	180
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cactttaagc gaggaggagg ctactagtat taatactact ggatagtgga cgttactcgc	480
agaataagca ccggctaact ctgtgccagc agccgcggta atacagaggg tgcgagcggt	540
aatcggattt actgggcgta aagcgtgcgt aggcggccat ttaagtcaaa tgtgaaatcc	600
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agaattccag gtgtagcggg gaaatgcgta gagatctgga ggaataccga tggcgaaggc	720
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taccctggta gtccatgccg taaacgatgt ttactagccg ttggggcctt tgaggcttta	840
gtggcgcagc taacgcgata agtagaccgc ctggggagta cggtcgcaag actaaaactc	900

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aatgaattg acgggggccc gcacaagcgg tggagcatgt ggtttaattc gatgcaacgc      960
gaagaacctt acctggcctt gacatactag aaactttcca gagatggatt ggtgccttcg    1020
ggaatttaga tacaggtgct gcatggctgt cgtcagctcg tgtcgtgaga tgttggggta    1080
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cacaccgccc gtcacacat gggagtttgt tgcaccagaa gtaggtagtc taaccgcaag    1440
gaggacgctt accacggtgt ggccgatgac tggggggaag tcgtaacaag gtaacca      1497

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```

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

```

```

<220>
<223> Forward Primer

```

```

<400> 16
cctcttgcca tcggatgtg      19

```

```

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

```

```

<220>
<223> Reverse Primer

```

```

<400> 17
ccagtgtggc tggatcatcct      20

```

```

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

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```

<220>
<223> Forward Primer

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<400> 18
cctacgggag gcagcagtag      20

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```

<210> 19
<211> 20
<212> DNA
<213> Artificial Sequence

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<220>
<223> Forward Primer

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<400> 19
gggaggcagc agtagggaat      20

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<210> 20
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Reverse Primer

<400> 20
 cgatccgaaa accttcttca ct 22

<210> 21
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Forward Primer

<400> 21
 aagacggtct tgctgtcact tataga 26

<210> 22
 <211> 22
 <212> DNA
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<220>
 <223> Reverse Primer

<400> 22
 ctatgcatcg ttgccttggt aa 22

<210> 23
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Forward Primer

<400> 23
 tgccgcgtga atgaagaa 18

<210> 24
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Forward Primer

<400> 24
 gcgtgaagga tgaaggctct a 21

<210> 25
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Forward Primer
 <400> 25
 tgatgaagggt tttcgatcg t 21

<210> 26
 <211> 29
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Reverse Primer

<400> 26
 tgatgtacta ttaacacatc aaccttcct 29

<210> 27
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Reverse Primer

<400> 27
 aacgctcgga tcttccgtat ta 22

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

<220>
 <223> Reverse Primer

<400> 28
 cgctcgccac ctacgtatta c 21

<210> 29
 <211> 28
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Forward Primer

<400> 29
 gttgtaagag aagaacgagt gtgagagt 28

<210> 30
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Reverse Primer

<400> 30
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<210> 31
 <211> 24

<212> DNA
 <213> Artificial Sequence
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 <223> Forward Primer
 <400> 31
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<210> 32
 <211> 22
 <212> DNA
 <213> Artificial Sequence
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 <223> Forward Primer
 <400> 32
 ggtctgtcaa gtcggatgtg aa 22

<210> 33
 <211> 21
 <212> DNA
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 <220>
 <223> Forward Primer
 <400> 33
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<210> 34
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Reverse Primer
 <400> 34
 ggaattctac ccccctctac ga 22

<210> 35
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Reverse Primer
 <400> 35
 ggaattctac ccccctctac aag 23

<210> 36
 <211> 1720
 <212> DNA
 <213> *Aspergillus fumigatus*
 <400> 36
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6231258_1

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<210> 44
 <211> 1610
 <212> DNA
 <213> Burkholderia pseudomallei

<400> 44	
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gacggtcacc	acggtaggat tcatgactgg ggtgaagtcg taacaaggta gccgtagaag 1560
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<210> 45
 <211> 1511
 <212> DNA
 <213> Clostridium botulinum

<220>
 <221> misc_feature
 <222> (1)..(7)
 <223> n is a, c, g, or t

```

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gggtaacctg cctcaaagtg ggggatagcc ttccgaaagg aagattaata ccgcataata      180
taagagaatc gcatgatttt cttatcaaag atttattgct ttgagatgga cccgcggcgc      240
attagctagt tggtaaggta acggcttacc aaggcaacga tgcgtagccg acctgagagg      300
gtgatcggcc acattggaac tgagacacgg tccagactcc tacgggaggc agcagtgggg      360
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ggattgtaaa gccctgtttt ctaggacgat aatgacggta ctagaggagg aagccacggc      480
taactacgtg ccagcagccg cggtaatagc taggtggcga gcgttgctcg gatttactgg      540
gcgtaaaggg tgcgtaggcg gatgtttaag tgggatgtga aatccccggg cttaacctgg      600
gggctgcatt ccaaactgga tatctagagt gcaggagagg aaagcggaat tcctagtgtg      660
gcggtgaaat gcgtagagat taggaagaac accagtggcg aaggcggtt tctggactgt      720
aactgacgct gaggcacgaa agcgtgggta gcaaacagga ttagataccc tggtagtcca      780
cgccgtaaac gatggatact aggtgtaggg ggtatcaact cccctgtgct cgcagttaac      840
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caccatgaga gctggtaaca cccgaagtcc gtgaggtaac cgtaaggagc cagcggccga     1440
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ggatcacctc c                                                    1511

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<210> 46
 <211> 1510
 <212> DNA

<213> Clostridium botulinum

<220>

<221> misc_feature

<222> (1)..(7)

<223> n is a, c, g, or t

<400> 46

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gggtaacctg cctcaaagtg ggggatagcc ttccgaaagg aagattaata ccgcataaca      180
taagagaatc gcatgatttt cttatcaaag atttattgct ttgagatgga cccgcggcgc      240
attagctagt tggtaaggta acggcttacc aaggcaacga tgcgtagccg acctgagagg      300
gtgatcggcc acattggaac tgagacacgg tccagactcc tacgggaggc aggagtgggg      360
aatattgcgc aatgggggaa accctgacgc agcaacgccg cgtgggtgat gaaggctctt      420
ggattgtaaa gccctgtttt ctaggacgat aatgacggta ctagaggagg aagccacggc      480
taactacgtg ccagcagccg cggtaatagc taggtggcga gcgttgctcg gatttactgg      540
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gcggtgaaat gcgtagagat taggaagaac accagtggcg aaggcggctt tctggactgt      720
aactgacgct gaggcacgaa agcgtgggta gcaaacagga ttagataccc tggtagtcca      780
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cgtgctacaa tggtaggtac aataagacgc aagaccgtga ggtggagcaa aacttataaa     1260
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accatgagag ctggtaacac ccgaagtccg tgaggtaacc gtaaggagcc agcggccgaa     1440
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gatcacctcc                                     1510

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<210> 47

<211> 1516

<212> DNA

<213> Clostridium botulinum

<220>
 <221> misc_feature
 <222> (1)..(7)
 <223> n is a, c, g, or t

<400> 47
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 ggtaacctgc ctcaaagagg gggatagcct cccgaaaggg agattaatac cgcataacat 180
 tattttatgg catcatagaa taatcaaagg agcaatccgc tttgattatg gacccgcgtc 240
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 tcggatcgta aaactctgtc tttagggacg ataatgacgg tacctaagga ggaagccacg 480
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 tcacaccatg agagccggta acaccgaag cccgtgaggt aaccgtaagg agccagcgg 1440
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 gttggatcac ctctt 1516

<210> 48
 <211> 1516
 <212> DNA
 <213> Clostridium botulinum

<220>
 <221> misc_feature
 <222> (1)..(7)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (373)..(373)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (789)..(790)

<223> n is a, c, g, or t

<400> 48

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ttattttatg gcatcataca taaaataatc aaaggagcaa tccgctttga gatggacccg	240
cggcgcatta gctagttggt gaggtaacgg ctaccaagg caacgatgcg tagccgacct	300
gagaggggtga tcggccacat tggaactgag acacggtcca gactcctacg ggaggcagca	360
gtggggaata ttncgcaatg ggggaaaccc tgacgcagca acgccgcgtg agtgatgaag	420
gttttcggat cgtaaaactc tgtctttagg gacgataatg acggtacctg aggaggaagc	480
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tactgggcgt aaagagtatg taggtgggtg cttaagtcag atgtgaaatt cccgggctca	600
acctgggagc tgcatttgaa actgggcatc tagagtgcag gagaggaaaag tggaattcct	660
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gactgtaact gacactgaga tacgaaagcg tgggtagcaa acaggattag ataccctggt	780
agtccacgnn gtaaacgatg aatactaggt gtcgggggggt accaccctcg gtgccgcagc	840
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tcacaccatg agagccggtg acaccgaag cccgtgaggt aaccgtaagg agccagcgggt	1440
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ctggatcacc tccttt	1516

<210> 49

<211> 1513

<212> DNA
 <213> Clostridium botulinum

<220>
 <221> misc_feature
 <222> (1)..(7)
 <223> n is a, c, g, or t

<400> 49
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 gtaacctgcc tcatagaggg gaatagcctc ccgaaagga gattaatacc gcataaagta 180
 tgaaggtcgc atgacttcat tataccaaag gagtaatccg ctatgagatg gacccgcggc 240
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 caccatgaga gctggttaaca cccgaagtcc gtgaggtaac cgtaaggagc cagcggccga 1440
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 ggatcacctc ctt 1513

<210> 50
 <211> 1521
 <212> DNA
 <213> Francisella tularensis

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<400> 50
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 attaaaggtg gctttcggcg tgtcgcagat ggatgagcct gcgttggatt agctagttgg 240
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<210> 51
 <211> 1464
 <212> DNA
 <213> *Vibrio cholerae*

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 tagaggggga taaccattgg aaacgatggc taataccgca taacctcgta agagcaaagc 180
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6231258_1

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gcaagcctga tgcagccatg ccgcgtgtat gaagaaggcc ttcgggttgt aaagtacttt	420
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6231258_1

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<220>
<223> Forward Primer

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<210> 54
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<213> Artificial Sequence

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<220>
<223> Reverse Primer

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<400> 54
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<210> 55
<211> 22
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<213> Artificial Sequence

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<220>
<223> Reverse Primer

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<400> 55
gttcgactac gagcttttta ac 22

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6231258_1

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<400> 56
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<210> 57
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<220>
<223> Reverse Primer

<400> 57
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