G00002

30 JUL 2003

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Fig. 1

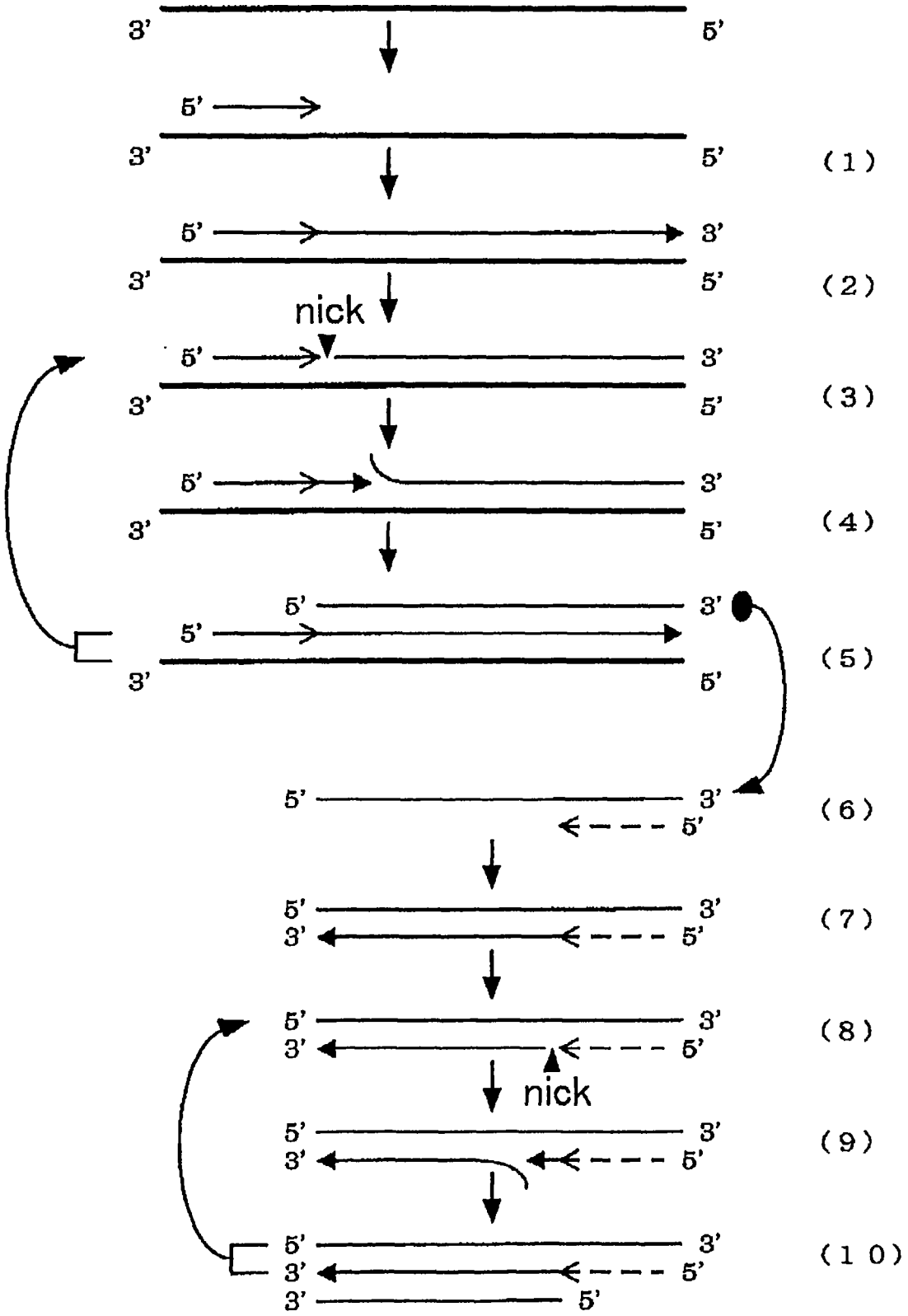
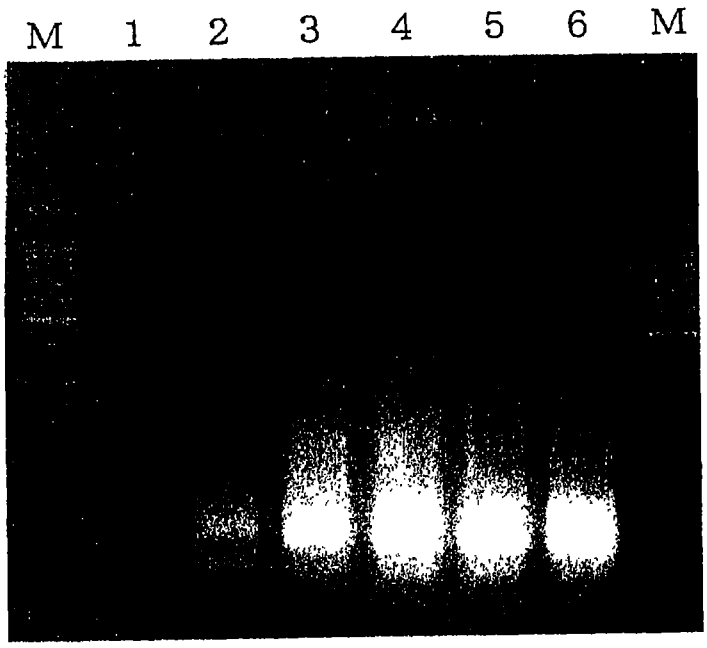


Fig.2



SEQUENCE LISTING

<110> Takara Shuzo Co., Ltd.

<120> A method for amplification of nucleotide sequence

<130> 661724

<150> JP 11-076966

<151> 1999-03-19

<150> JP 11-370035

<151> 1999-12-27

<160> 68

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<211> 22

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<400> 3

gcaaaaacag aaagaaactg ct 22

<210> 4

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

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tgctttccct ttccttgcat attctg 26

<210> 5

<211> 25

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer designated as pUC19 upper(2)NN to amplify a portion of plasmid pUC19

<400> 5

attgcttaat cagtgaggca cctat 25

<210> 6

<211> 25

<212> DNA

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<400> 6

gataacactg cggccaactt acttc 25

<210> 7

<211> 25

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<213> Artificial Sequence

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<223> Designed oligonucleotide primer to amplify a portion of plasmid pUC19

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actggcgaac tacttactct agctt 25

<210> 8

<211> 26

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<223> Designed oligonucleotide primer designated as pUC19 lower 542 to amplify a portion of plasmid pUC19

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<211> 25

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<223> Designed oligonucleotide primer to amplify a portion of plasmid pUC19

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gctcatgaga caataaccct gataa 25

<210> 10

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<210> 11

<211> 25

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<210> 12

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<211> 22

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<211> 22

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caacttcaag gtttctgcca gc 22

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aatagtccaa gtagctagag c 21

<210> 16

<211> 24

<212> DNA

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gctgcaaggc gattaagttg ggta 24

<210> 17

<211> 24

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer designated as MR1N3(24) to amplify a portion of plasmid pUC19-249 or plasmid pUC19-911

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<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer to amplify a portion of plasmid pUC19

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<210> 19

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer designated as MR1N3 to amplify a portion of plasmid pUC19

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<210> 20

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<212> RNA

<213> Artificial Sequence

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<223> Synthetic RNA used as a probe for detecting an amplified portion of plasmid pUC19

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ugaucccccа uguugugcaa aaaagcgguu 30

<210> 21

<211> 18

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer to amplify a portion of vero toxin 1-encoding sequence from hemorrhagic Escherichia coli O-157

<400> 21

agttaatgtg gtggcgaa 18

<210> 22

<211> 17

<212> DNA

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<223> Designed oligonucleotide primer to amplify a portion of vero toxin 1-encoding sequence from hemorrhagic Escherichia coli O-157

<400> 22

gactcttcca tctgcca 17

<210> 23

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify a portion of vero toxin 2-encoding sequence from hemorrhagic Escherichia coli O-157

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ttcggtatcc tattcccg 18

<210> 24

<211> 18

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer to amplify a portion of vero toxin 2-encoding sequence from hemorrhagic Escherichia coli O-157

<400> 24

tctctggtca ttgtatta 18

<210> 25

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer designated as MCR-F to amplify a long DNA fragment

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ccattcaggc tgcgcaactg tt 22

<210> 26

<211> 22

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer designated as MCR-R to amplify a long DNA fragment

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tggcacgaca ggtttcccga ct 22

<210> 27

<211> 24

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer designated as MF2N3(24) to amplify a long DNA fragment

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<210> 28

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<400> 28

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<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer to amplify a portion of bacteriophage lambda DNA

<400> 29

aacaacaaga aactggtttc 20

<210> 30

<211> 20

<212> DNA

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<223> Designed oligonucleotide primer to amplify a portion of bacteriophage lambda DNA

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gcaatgcatg acgactgggg 20

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<211> 17

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer to amplify a portion of bacteriophage lambda DNA

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gttttcccag tcacgac 17

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<211> 17

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer to amplify a portion of bacteriophage lambda DNA

<400> 32

caggaaacag ctatgac 17

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<211> 20

<212> DNA

<213> Artificial Sequence

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<400> 33

gtacggtcat catctgacac 20

<210> 34

<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer to amplify a portion of bacteriophage lambda DNA

<400> 34

gcaatcggca tgttaaacgc 20

<210> 35

<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer to amplify a portion of bacteriophage lambda DNA

<400> 35

cgccatcctg ggaagactcc 20

<210> 36

<211> 44

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer designated as R1-S1 to amplify a portion of bacteriophage lambda DNA

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<210> 37

<211> 44

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer designated as R1-A3 to amplify a portion of bacteriophage lambda DNA

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<210> 38

<211> 62

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer designated as R2-S1 to amplify a portion of bacteriophage lambda DNA

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attgtgagcg gataacaatt tcacacagga aacagctatg acaacaacaa gaaactggtt tc 62

<210> 39

<211> 62

<212> DNA

<213> Artificial Sequence

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<400> 39

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<210> 40

<211> 95

<212> DNA

<213> Artificial Sequence

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ggaaacagct atgacaacaa caagaaactg gtttc 95

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<211> 95

<212> DNA

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ggaaacagct atgacgcaat gcatgacgac tgggg 95

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<211> 17

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer designated as M13RV-2N 17mer

<400> 42

caggaaacag ctatgac 17

<210> 43

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer designated as M13RV-2N 20mer

<400> 43

acacaggaaa cagctatgac 20

<210> 44

<211> 70

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer to amplify a portion of CDC2-related protein kinase PISSLRE gene

<400> 44

gagttcgtgt ccgtacaact atttcacaca ggaaacagct atgacccaac aagagcctat 60

agcttcgctc 70

<210> 45

<211> 67

<212> DNA

<213> Artificial Sequence

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tcgaaatcag ccacagcgcc atttcacaca ggaaacagct atgacccgct gtctttgagt 60

tgtggtg 67

<210> 46

<211> 70

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer to amplify a portion of Type II cytoskeltal 11 keratin gene

<400> 46

gagttcgtgt ccgtacaact atttcacaca ggaaacagct atgacgctat tctgacatca 60

ctttccagac 70

<210> 47

<211> 66

<212> DNA

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<223> Designed oligonucleotide primer to amplify a portion of Type II cytoskeltal 11 keratin gene

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tcgaaatcag ccacagcgcc atttcacaca ggaaacagct atgacgaatt ccactggtgg 60

cagtag 66

<210> 48

<211> 62

<212> DNA

<213> Artificial Sequence

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attgtgagcg gataacaatt tcacacagga aacagctatg acgtacggtc atcatctgac 60

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<210> 49

<211> 62

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer to amplify a portion of bacteriophage lambda DNA

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ca 62

<210> 50

<211> 62

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer to amplify a portion of bacteriophage lambda DNA

<400> 50

attgtgagcg gataacaatt tcacacagga aacagctatg acctgctctg ccgcttcacg 60

ca 62

<210> 51

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify a portion of bacteriophage lambda DNA

<400> 51

attgtgagcg gataacaatt tcacacagga aacagctatg acgcaatcgg catgttaaac 60

gg 62

<210> 52

<211> 69

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer designated as 5' ID to amplify a portion of cyclin A DNA

<400> 52

tcgaaatcag ccacagcgcc atttcacaca ggaaacagct atgacatgtt ttgggagaat 60

taagtctga 69

<210> 53

<211> 69

<212> DNA

<213> Artificial Sequence

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<223> Designed oligonucleotide primer designated as 3' ID to amplify a portion of cyclin A DNA

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tctggtggg 69

<210> 54

<211> 16

<212> DNA

<213> Artificial Sequence

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aggaaacagc tatgac 16

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<211> 20

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<212> DNA

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<400> 57

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<400> 60

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<210> 66

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<210> 67

<211> 23

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