

SEQUENCE LISTING

<110> KANEKA CORPORATION

<120> AMPLIFIED NUCLEIC ACID DETECTION METHOD AND DETECTION DEVICE

<130> B100423W001

<140> PCT/JP2011/077050

<141> 2011-11-24

<150> JP2010-261728

<151> 2010-11-24

<150> JP2011-143424

<151> 2011-06-28

<160> 110

<170> PatentIn version 3.1

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tgctctgtac acttgctcaa t

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87

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<223> Probe 7

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<223> modified with thiol group.

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<222> (20)..(20)

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<223> Probe 9

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<223> Tag sequence T10

<400> 25

tggcaaacatt tttcactggg tttatag

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<211> 27

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<212> DNA

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cgcattgagc aagtgtacag agcat

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22

<210> 34

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22

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<223> n is the azobenzene represented by Formula (1) of the specification.

<400> 36

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<223> modified with amino group.

<400> 37

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27

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<222> (25).. (25)

<223> modified with amino group.

<400> 38

ttgctctgta cacttgctca atgcg

25

<210> 39

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27

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40

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<223> Tag sequence T22

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27

<210> 56

<211> 27

<212> DNA

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<223> Tag sequence T23

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27

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48

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<223> Tag sequence T24

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ogcattgagc aagtgtacag agcat

25

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<212> DNA

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attatgcgtg gagaagcata tcata

25

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<221> misc\_feature

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46

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<223> Primer T25-X-KR2

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<223> n is the azobenzene represented by Formula (1) of the specification.

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<211> 22

<212> DNA

<213> Artificial

<220>

<223> Tag sequence T26

<400> 63

aattggcgcac gtccatgtgt aa

22

<210> 64

<211> 22

<212> DNA

<213> Artificial

<220>

<223> Tag sequence T27

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tacttttagag gaaactgctg ag

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<210> 65

<211> 43

<212> DNA

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<223> Primer T26-X-KF3

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43

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<211> 27

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<223> Probe 28

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ctataaacc agtgaaaaat gttgcc

27

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<223> modified with amino group.

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ttgctctgta cacttgcotca atgcg

25

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ttacacatgg acatgcgcaa tt

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gatcatacac gtggttgga gctaacc

27

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<223> Probe 33

<220>

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tgggctgacc tagaggtott

20

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atgaaatgca ggccattcgg

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40

<210> 76

<211> 40

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<223> Primer KR-R

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atgaaatgca ggcoattogg tctatgoggo atcagagcag

40

<210> 77

<211> 20

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<222> (1).. (1)

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<223> Common sequence KF1

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tgggctgacc tagaggtcctt

20

<210> 80

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<222> (1)..(20)

<223>

<400> 80

atgaaatgca ggccattcgg

20

<210> 81

<211> 40

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<220>

<223> Primer KF1-Fj1

<400> 81

tgggctgacc tagaggtctt ggaaacagct atgaccatga

40

<210> 82

<211> 40

<212> DNA

<213> Artificial

<220>

<223> Primer KR1-Rj1

<400> 82

atgaaatgca ggccattcgg tctatgcggc atcagagcag

40

<210> 83

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ccggaacaga caccaggttt

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<212> DNA

<213> Artificial

<220>

<223> Common sequence KF3

<400> 87

ataccgatga gtgtgctacc

20

<210> 88

<211> 20

<212> DNA

<213> Artificial

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<223> Common sequence KR3

<400> 88

tggcctgtgt gacactatgc

20

<210> 89

<211> 40

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<213> Artificial

<220>

<223> Primer KF3-Fj3

<400> 89

ataccgatga gtgtgctacc tggttttaaa actotgatac

40

<210> 90

<211> 40

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<223> Primer KR3-Rj3

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40

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ggttagcttc caaccacgtg tagatca

27

<210> 92

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<210> 93

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48

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attatgcgtg gagaagcata tcata

25

<210> 95

<211> 20

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<220>

<223> Primer KF2

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<222> (1)..(1)

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20

<210> 96

<211> 46

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<220>

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<220>

<221> misc\_feature

<222> (26)..(26)

<223> n is the azobenzene represented by Formula (1) of the specification.

<400> 96

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46

<210> 97

<211> 22

<212> DNA

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<400> 97

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22

<210> 98

<211> 20

<212> DNA

<213> Artificial

<220>

<223> Primer KF3

<220>

<221> modified\_base

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<223> modified with biotin.

<400> 98

ataccgatga gtgtgctacc

20

<210> 99

<211> 43

<212> DNA

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<220>

<223> Primer T36-X-KR3

<220>

<221> misc\_feature

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<400> 99

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43

<210> 100

<211> 27

<212> DNA

<213> Artificial

<220>

<223> Probe 37

<400> 100

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27

<210> 101

<211> 25

<212> DNA

<213> Artificial

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<223> Probe 38

<400> 101

tatgatatgc ttctccacgc ataatt

25

<210> 102

<211> 22

<212> DNA

<213> Artificial

<220>

<223> Probe 39

<400> 102

ctcagcagtt tctcttaaag ta

22

<210> 103

<211> 27

<212> DNA

<213> Artificial

<220>

<223> Tag sequence T37

<400> 103

tggcaacatt ttctactggg tttatag

27

<210> 104

<211> 27

<212> DNA

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<223> Tag sequence T38

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ggttagcttc caaccacgtg tagatca

27

<210> 105

<211> 20

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<213> Artificial

<220>

<223> Primer F

<400> 105

gg aaacagctat gaccatga

20

<210> 106

<211> 20

<212> DNA

<213> Artificial

<220>

<223> Primer R

<400> 106

tc tatgcggcat cagagcag

20

<210> 107

<211> 48

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<213> Artificial

<220>

<223> Primer T37-X-F

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<221> misc\_feature

<222> (28)..(28)

<223> n is the azobenzene represented by Formula (1) of the specification.

<400> 107

tggcaacatt tttaactggg tttatagngg aaacagctat gaccatga

48

<210> 108

<211> 48

<212> DNA

<213> Artificial

<220>

<223> Primer T38-X-R

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<221> misc\_feature

<222> (28)..(28)

<223> n is the azobenzene represented by Formula (1) of the specification.

<400> 108

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48

<210> 109

<211> 27

<212> DNA

<213> Artificial

<220>

<223> Probe 40

<220>

<221> modified\_base

<222> (27).. (27)

<223> modified with FITC.

<400> 109

ctataaaccc agtgaaaaat gttgcca

27

<210> 110

<211> 27

<212> DNA

<213> Artificial

<220>

<223> Probe 41

<220>

<221> modified\_base

<222> (27).. (27)

<223> modified with biotin.

<400> 110

gatcatacac gtggttgga gctaacc

27