

SEQUENCE LISTING

<110> Kyushu University, National University Corporation
 <120> CANCER DETECTION METHOD USING SENSE OF SMELL OF NEMATODE
 <130> SP100595SGA
 <150> JP2013-255145
 <151> 2013-12-10
 <150> US61/982,341
 <151> 2014-04-22
 <160> 5
 <170> PatentIn version 3.5
 <210> 1
 <211> 20
 <212> DNA
 <213> Artificial
 <220>
 <223> Synthetic DNA
 <400> 1
 ggcgccgata taattgctaa 20
 <210> 2
 <211> 20
 <212> DNA
 <213> Artificial
 <220>
 <223> Synthetic DNA
 <400> 2
 ctgctgcgtt tttcgtatca 20
 <210> 3
 <211> 31
 <212> DNA
 <213> Artificial
 <220>
 <223> Synthetic DNA
 <400> 3
 gagagctagc aaaaaatgcc tgcaggtcca c 31
 <210> 4
 <211> 28
 <212> DNA
 <213> Artificial
 <220>
 <223> Synthetic DNA
 <400> 4
 gagaggtacc ttattgaatt ctcggttg 28
 <210> 5
 <211> 341

<212> PRT
<213> Caenorhabditis elegans

<400> 5

Met Pro Ala Gly Pro Pro Cys Pro Ser Ser Ile Pro Thr Tyr Tyr Leu
1 5 10 15

Leu Thr Leu His Ile Ile Gly Gly Ile Ser Ile Pro Ile Asn Leu Ile
20 25 30

Gly Phe Tyr Leu Val Trp Phe Gln Ser Pro Lys Met Gln Gly Tyr Lys
35 40 45

Tyr Cys Leu Cys Tyr Leu Gln Leu Val Ser Phe Ile Ala Glu Ile Glu
50 55 60

Met Ile Phe Ile Cys Pro Ala Phe Tyr Phe Phe Pro Leu Ile Gly Gly
65 70 75 80

Phe Asn Val Gly Ala Asp Ile Ile Ala Asn Asn Ile Ser Ser His His
85 90 95

Thr Met Thr Leu Tyr Val Phe Val Phe Thr Phe Glu Leu Pro Ser Thr
100 105 110

Leu Leu Cys Phe Ile Phe Arg His Asn Ala Ala Gly Lys Val Asp Gln
115 120 125

Lys Cys Phe Ser Ser Lys Tyr Leu Lys Lys Phe Ser Leu Val Leu Ala
130 135 140

His Phe Leu Pro Phe Val Thr Ala Phe Cys Phe Trp Asn Ser Arg Leu
145 150 155 160

Thr Ala Lys Glu Arg Met Asp Leu Val Met Asn Asn Trp Pro Gln Cys
165 170 175

Ala His Trp Leu Lys Phe Pro Ala Phe Glu Val Tyr Asp Tyr His Leu
180 185 190

Asn Pro Trp Leu Ala Val Val Gly Ile Gly Ala Phe Phe Val Leu Phe
195 200 205

Met Val Phe Ser Tyr Cys Ile Phe Leu Gly Val Gln Thr Leu Leu Ile
210 215 220

Leu Gln Gln His Arg Lys Ser Met Ser Arg Gln Thr Tyr Gln Ala His
225 230 235 240

Lys Asn Ala Leu Phe Arg Leu Val Met Gln Ile Val Leu Pro Gly Val
245 250 255

Phe Ile Val Val Pro Leu Cys Ile Cys Met Phe Val Val Val Gln Gly
 260 265 270
 Asp Val His Leu Gln Glu Phe Ala Thr Asp Thr Met Phe Phe Val Ser
 275 280 285
 Ser His Ser Met Cys Ser Cys Ile Ile Met Ile Ile Ser Asn Pro Lys
 290 295 300
 Tyr Arg Ser Val Leu Arg Lys Lys Ile Leu Arg Ile Leu Gly Ile Ser
 305 310 315 320
 Ala Lys Ser Lys Ser Asn Arg Arg Arg Gly Asn Thr Val Leu Pro Ser
 325 330 335
 Gln Pro Arg Ile Gln
 340