

<110> Hokto Kabushikikaisya

<120>A method for discriminating *Pleurotus eryngii* varieties

<160>8

<210>1

<211>572

<212>DNA

<213>*Pleurotus ostreatus* (Jacq.:Fr.) Kummer

<400>1

```
ttgttgctgg cctctagggg catgtgcacG cttcactagt ctttcacccc tgtgaacttt 60
tgatagatct gtgaagtcgt ctttcaagtG gtcagacttg gtttgctggg atttaaactg 120
ctcgggtgtga caacgcagtc tatctactta acacacccca aatgtatgtc tacgaatgtc 180
atttaaatggg ccttgtgcct ataaaccata atacaacttt caacaacgga tctcttggct 240
ctcgcatcga tgaagaacgc agcgaaatgc gataagtaat gtgaattgca gaattcagtg 300
aatcatcgaa tctttgaacg cacccttgcg cccttgggtat tccgaggggc atgcctgttt 360
gagtgctcatt aaattctcaa actcactttg gttttttcca attgtgatgt ttggattgtt 420
gggggctgct ggcccttgaca ggtcggtccc tcttaaagtc attagcagga cttctcattg 480
cctctgcgca tgatgtgata attatcactc atcaatagca cgcagaatag agtccagctc 540
tctaactcgc cgcaaggaca attgacaatt ga 572
```

<210>2

<211>629

<212>DNA

<213>*Pleurotus eryngii* (DC.:Fr.) Quel. ver. *nebrodensis* Inzenga

<400>2

```
ttgttgctgg cctctagggg catgtgcacg cttcactagt ctttcaaccc ctgtgaactt 60
ttgatagatc tgtgaagtcg tctctcaagt cgtcagactt ggtttgctgg gatttaaATG 120
tcttagtgtg actacgcagt ctatttactt atacacccccc aaatgtatgt ctacgaatgt 180
catttaaatgg gccttgtgcc tataaaccat aatacaactt tcaacaacgg atctcttggc 240
tctcgcatcg atgaagaacg cagcgaaatg cgataagtaa tgtgaattgc agaattcagt 300
gaatcatcga atctttgaac gcaccttgcg ccccttggta ttccgagggg catgcctgtt 360
tgagtgctcat taaattctca aactcactct ggtttttcca attgtgatgt ttggattgtt 420
gggggctgct ggcccttgaca ggtcggtccc tcttaaagtc attagcagga cttctcattg 480
cctctgcgca tgatgtgata attatcactc atcaatagca cgcatagaata gagtctggct 540
```

ttctaaccgt cgcgaaggac aatttgacaa tttagacctca aatcaggtag gactaccgc 600
tgaacttaag catatcaata agcggagga 629

<210>3

<211>555

<212>DNA

<213>Pleurotus eryngii (DC.:Fr.) Quel

<400>3

ttgttgctgg cctctagggg catgtgcacg cttcactagt ctttcacccc tgtgaacttt 60
tgatagatct gtgaagtcgt ctctcaagtc gttagacttg gtttgctggg atgtaaactg 120
ctcgggtgtga ctacgcagtc tatttactta taacacccca aatgtatgtc tacgaatgtc 180
atttaaaggg ccttgctgcct ataaaccata atacaacttt caacaacgga tctcttggct 240
ctcgcacgaa tgaagaacgc agcgaaatgc gataagtaat gtgaattgca gaattcagtg 300
aatcatcgaa tctttgaacg caccttgcgc cccttggtat tccgaggggc atgcctgttt 360
gagtgtcatt aaattctcaa actcactctg gtttttccaa ttgtgatgtt tggattgttg 420
ggggctgctg gccttgacag gtcggctcct cttaaagca ttagcaggac ttctcattgc 480
ctctgcgcac gatgtgataa ctatcactca tcaatagcac gcatgaatag agtttggctc 540
tctaaccgtc cgcaa 555

<210>4

<211>605

<212>DNA

<213>Pleurotus eryngii (DC.:Fr.) var. elaeoselini

<400>4

ttgttgctgg cctctagggg catgtgcacg cttcactagt ctttcaaccc ctgtgaactt 60
ttgatagatc tgtgaagtcg tctctcaagt cgttagactt ggtttgctgg gatgtaaactg 120
tctcgggtgtg actacgcagt ctatttactt ataacacccc aaatgtatgt ctacgaatgt 180
catttaaagg gccttgctgc tataaatcat aatacaactt tcaacaacgg atctcttggc 240
tctcgcacg atgaagaacg cagcgaaatg cgataagtaa tgtgaattgc agaattcagt 300
gaatcatcga atctttgaac gcaccttgcg ccccttggtt ttccgagggg catgcctgtt 360
tgagtgtcat taaattctca aactcactct gggttttcca attgtgatgt ttggattgtt 420
gggggctgct ggcttgaca ggtcggctcc tcttaaagtc attagcagga cttctcattg 480

cctctgcgca tgatgtgata attatcactc atcaatagca cgcatagaata gagtctggct 540
 ctctaaccgt ccgcgaggac aatttgacaa tttagacctca aatcaggtag gactacccgc 600
 tgaac 605

<210>5

<211>584

<212>DNA

<213>Pleurotus sp. NITE BP-1378

<400>5

ttgttgctgg cctctagggg aatgtgcacg cttcactagt ctttcacccc tgtgaacttt 60
 tgatagatct gtgaagtcgt ctctcaagtc gtttagacttg gtttgctggg atgtaaactg 120
 ctcggtgtga ctacgcagtc tatttactta taacacccca aatgtatgtc tacgaatgtc 180
 atttaaaggc ccttgctgct ataaaccata atacaacttt caacaacgga tctcttggct 240
 ctgcgcatcga tgaagaacgc agcgaaatgc gataagtaat gtgaattgca gaattcagtg 300
 aatcatcgaa tctttgaacg cacccttgcc cccttggtat tccgaggggc atgcctgttt 360
 gagtgtcatt aaattctcaa actcactctg gtttttccaa ttgtgatgtt tggattgttg 420
 ggggctgctg gccttgacag gtccgctcct cttaaatgca ttagcaggac ttctcattgc 480
 ctctgcgcat gatgtgataa ctatcactca tcaatagcac gcataaatag agtctggctc 540
 tctaaccgtc cgcaaggaca attgacaatt gactcaatca ggta 584

<210>6

<211>566

<212>DNA

<213>Pleurotus sp. NITE BP-1379

<400>6

ttgttgctgg cctctagggg catgtgcacg cttcactagt ctttcacccc tgtgaacttt 60
 tgatagatct gtgaagtcgt ctytcaagtc gtyagacttg gtttgctggg atktaaactg 120
 ctcggtgtga cwacgcagtc tatttactta wmacacccca aatgtatgtc tacgaatgtc 180
 atttaawggc ccttgctgct ataaaccata atacaacttt caacaacgga tctcttggct 240
 ctgcgcatcga tgaagaacgc agcgaaatgc gataagtaat gtgaattgca gaattcagtg 300
 aatcatcgaa tctttgaacg cacccttgcc cccttggtat tccgaggggc atgcctgttt 360
 gagtgtcatt aaattctcaa actcactytg gttttttcca attgtgatgt ttggattgtt 420

gggggctget ggccttgaca ggtcggctcc tcttaaagtc attagcagga ctcttcattg 480
cctctgcgca tgatgtgata aytatcactc atcaatagca cgcakaatag agtcergctc 540
tctaaycgtc cgcaaggaca attgac 566