

SEQUENCE LISTING

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 Ji, Lianghui

<120> Genetic Manipulation and Expression Systems for Pucciniomycotina
 and Ustilaginomycotina Subphyla

<130> FP5913

<150> US 61/495,619
 <151> 2011-06-10

<160> 58

<170> PatentIn version 3.5

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<210> 43

<211> 33
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<220>
 <223> oligonucleotide PCR primer

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 <222> (25)..(25)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (27)..(29)
 <223> n is a, c, g, or t

<400> 43
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<210> 44
 <211> 34
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<220>
 <223> oligonucleotide PCR primer

<220>
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 <222> (26)..(26)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (28)..(30)
 <223> n is a, c, g, or t

<400> 44
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<210> 45
 <211> 16
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> oligonucleotide PCR primer

<400> 45
 acgatggact ccagag 16

<210> 46
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> oligonucleotide PCR primer

<400> 46
 agatctcgct gtttcttcgg 20

<210> 47

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

<220>
 <223> oligonucleotide PCR primer

<400> 47
 tttccgcggt cgaatttccc cgatcggtca 30

<210> 48
 <211> 807
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> coding sequence for eGFP with C-terminal 2X HA and 6X His tag

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 gacaccctgg tgaaccgcat cgagctgaag ggcctcgact tcaaggagga cggcaacatc 420
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 cagaagaacg gcatcaagggt gaacttcaag atccgccaca acatcgagga cggcagcgtg 540
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 gacaaccact acctgagcac ccagtccgcc ctgagcaaag accccaacga gaagcgcgat 660
 cacatgggtcc tgctggagtt cgtgaccgcc gccgggatca ctctcggcac ggacgagctg 720
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 gactatgctc accatcacca ccatcac 807

<210> 49
 <211> 32
 <212> DNA
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<220>
 <223> oligonucleotide PCR primer

<400> 49
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<210> 50
 <211> 29
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> oligonucleotide PCR primer

<400> 50

aaaccatggt tcgagctgga gaaaggtgg

<210> 51
<211> 963
<212> DNA
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<400> 51
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tgg

<210> 52
<211> 720
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic egfp coding sequence
<400> 52
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 660
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 720

<210> 53
 <211> 40
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> oligonucleotide PCR primer
 <400> 53
 aaaggcggc cgaagtata cctcagaggt ctcaaaaacg
 40

<210> 54
 <211> 35
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> oligonucleotide PCR primer
 <400> 54
 aaaccatggt gttttaga gaaaggatgg aggg
 35

<210> 55
 <211> 1009
 <212> DNA
 <213> Sporobolomyces roseus
 <400> 55

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 120
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 420
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 480
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 540
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 780
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 840
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 900
 cgagatagaa aaaagctag ctttcgatt cgagagagat tactttcaag ttcgctgctt
 960

ccaactcttg ctcacaacccc ctcactcct tctctacaac aacacatgg 1009

<210> 56
<211> 2148
<212> DNA
<213> Rhodotorula glutinis ATCC 204091
<400> 56

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<210> 57
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> oligonucleotide PCR primer

<400> 57
 ggcgcgccac catctcctcg tcgcttcttc 30

<210> 58
 <211> 28
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> oligonucleotide PCR primer

<400> 58
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