

8. PX051110_Sequence Listings.txt
SEQUENCE LISTING

<110> CJ corporation

<120> Novel promoter and uses thereof

<130> PX051110

<150> KR 2015-0014587

<151> 2015-01-29

<160> 18

<170> PatentIn version 3.5

<210> 1

<211> 86

<212> DNA

<213> Artificial Sequence

<220>

<223> DNA sequence of O2 promoter

<400> 1

caataatcgt gaattttggc agcaacagaa ttatgtggta taatggaaac gtgcaaaagc
60

atagattatt ggaggagatc aaaaca
86

<210> 2

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> forward primer for PCR of O2 promoter

<400> 2

ggtaccaat aatcgtgaat ttggtgc
26

<210> 3

<211> 26

<212> DNA

<213> Artificial Sequence

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<220>

<223> reverse primer for PCR of O2 promoter

<400> 3

gatatctgtt ttgatctcct ccaata
26

<210> 4

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> forward primer for PCR of pGFPuv

<400> 4

gatatcatga gtaaaggaga aga
23

<210> 5

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> reverse primer for PCR of pGFPuv

<400> 5

ctgcagttat ttgtagagct cat
23

<210> 6

<211> 729

<212> DNA

<213> Artificial Sequence

<220>

<223> DNA sequence of GFP

<400> 6

gatatcatga gtaaaggaga agaacttttc actggagttg tcccaattct tgttgaatta
60

gatggtgatg ttaatgggca caaattttct gtcagtggag aggggtgaagg tgatgcaaca

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120

tacggaaaac ttacccttaa atttatttgc actactggaa aactacctgt tccatggcca

180

acacttgatca ctactttctc ttatgggtgtt caatgctttt cccgttatcc ggatcatatg

240

aaacggcatg actttttcaa gagtgccatg cccgaagggt atgtacagga acgcactata

300

tctttcaaag atgacgggaa ctacaagacg cgtgctgaag tcaagtttga aggtgatacc

360

cttgtaatc gtatcgagtt aaaaggtatt gatttttaaag aagatggaaa cattctcgga

420

cacaaactcg agtacaacta taactcacac aatgtataca tcacggcaga caaacaaaag

480

aatggaatca aagctaactt caaaattcgc cacaacattg aagatggatc cgttcaacta

540

gcagaccatt atcaacaaaa tactccaatt ggcatgggcc ctgtcctttt accagacaac

600

cattacctgt cgacacaatc tgccctttcg aaagatccca acgaaaagcg tgaccacatg

660

gtccttcttg agtttgtaac tgctgctggg attacacatg gcatggatga gctctacaaa

720

taactgcag

729

<210> 7

<211> 1167

<212> DNA

<213> Corynebacterium glutamicum

<400> 7

atggcagaaa aaggcattac cgcgccgaaa ggcttcgttg cttctgcaac gaccgcgggt

60

attaaagctt ctggcaatcc tgacatggcg ttggtgggta accagggtcc agagttttcc

120

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gcagcgccg tgtttacacg taaccgagtt ttcgcagcgc ctgtgaaggt gagccgagag
180

aacgttgctg atggccagat cagggctgtt ttgtacaacg ctggtaatgc taatgcgtgt
240

aatggctctgc agggtgagaa ggatgctcgt gagtctgttt ctcatctagc tcaaaatttg
300

ggcttgagg attccgatat tgggtgtgtg tccactggtc ttattgggtga gttgcttccg
360

atggataagc tcaatgcagg tattgatcag ctgaccgctg agggcgcttt gggtgacaat
420

ggtgcagctg ctgccaaggc gatcatgacc actgacacgg tggataagga aaccgtcgtg
480

tttgctgatg gttggactgt cggcggaatg ggcaagggcg tgggcatgat ggcgccgtct
540

cttgccacca tgctggctctg cttgaccact gatgcatccg ttactcagga aatggctcag
600

atcgcgctgg ctaatgctac ggccgttacg ttgacaccc tggatattga tggatcaacc
660

tccaccaatg acaccgtgtt cctgctggca tctggcgcta gcggaatcac cccaactcag
720

gatgaactca acgatgcggt gtacgcagct tgttctgata tcgcagcgaa gcttcaggct
780

gatgcagagg gtgtgaccaa gcgcgttgct gtgacagtgg tgggaaccac caacaacgag
840

caggcgatta atgcggctcg cactgttgct cgtgacaatt tgttcaagtg cgcaatgttt
900

ggatctgatc caaactgggg tcgcgtgttg gctgcagtcg gcatggctga tgctgatatg
960

gaaccagaga agatttctgt gttcttcaat ggtcaagcag tatgccttga ttccactggc
1020

gctcctgggtg ctcgtgaggt ggatctttcc ggcgctgaca ttgatgtccg aattgatttg
1080

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ggcaccagtg gggaaggcca ggcaacagtt cgaaccactg acctgagctt ctcctacgtg
1140

gagatcaact ccgcgtacag ctcttaa
1167

<210> 8
<211> 38
<212> DNA
<213> Artificial Sequence

<220>
<223> forward primer for PCR of argJ

<400> 8
gagatcaaaa cagatatcat ggcaaaaaa ggcattac
38

<210> 9
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> reverse primer for PCR of argJ

<400> 9
atcccccgagg ctgcagttaa gagctgtacg cggagt
36

<210> 10
<211> 1104
<212> DNA
<213> Corynebacterium glutamicum

<400> 10
atgacgtcat tagagttcac agtaaccgt accgaaaatc cgacgtcacc cgatcgtctg
60

aaggaaattc ttgccgcacc gaagttcggg aagtacttca ccgaccacat ggtgaccatt
120

gactggaacg agtcggaagg ctggcacaac gcccaattag tgccatacgc gccgattcct
180

8. PX051110_Sequence Listings.txt

atggatcctg ccaccaccgt attccactac ggacaggcaa tttttgaggg aattaaggcc
240

taccgccatt cggacgaaac catcaagact ttccgtcctg atgaaaacgc cgagcgtatg
300

cagcgttcag cagctcgaat ggcaatgcca cagttgcaa ccgaggactt tattaaagca
360

cttgaactgc tggtagacgc ggatcaggat tgggttcctg agtacggcgg ggaagcttcc
420

ctctacctgc gccattcat gatctccacc gaaattggct tgggtgtcag cccagctgat
480

gcctacaagt tcctggtcac cgcaccccca gtcggcgctt acttcaccgg tggaatcaag
540

cctgtttccg tctggctgag cgaagattac gtccgcgctg caccggcgg aactggtgac
600

gccaaatttg ctggcaacta cgcggcttct ttgcttgccc agtcccaggc tgcggaaaag
660

ggctgtgacc aggtcgtatg gttggatgcc atcgagcaca agtacatcga agaaatgggt
720

ggcatgaacc ttgggttcac ctaccgcaac ggcgaccacg tcaagctagt caccctgaa
780

ctttccggct cactacttcc aggcatact cgcaagtcac ttctacaagt agcacgcgac
840

ttgggctacg aagtagaaga gcgaaagatc accaccaccg agtgggaaga agacgcaaag
900

tctggcgcca tgaccgaggc atttgcttgc ggtactgcag ctgttatcac ccctgttggc
960

accgtgaaat cagctcacgg caccttcgaa gtgaacaaca atgaagtcgg agaaatcacg
1020

atgaagcttc gtgaaaccct caccggaatt cagcaaggaa acgttgaaga ccaaaacgga
1080

tggctttacc cactggttgg ctaa
1104

8. PX051110_Sequence Listings.txt

<210> 11
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> forward primer for PCR of ilvE

<400> 11
gagatcaaaa cagatatcat gacgtcatta gagttc
36

<210> 12
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> reverse primer for PCR of ilvE

<400> 12
atccccggg ctgcagttag ccaaccagtg ggta
34

<210> 13
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> forward primer for PCR of aceP(WT)

<400> 13
ggtaccgtca ttacccccgc ctaacc
26

<210> 14
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> reverse primer for PCR of aceP(WT)

8. PX051110_Sequence Listings.txt

<400> 14

gatatccaaa gtcacttcct taagtg

26

<210> 15

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> forward primer for PCR of trcP

<400> 15

ggtaccctgc acggtgcacc aatgct

26

<210> 16

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> reverse primer for PCR of trcP

<400> 16

gatatcctgt ttcctgtgtg aaattg

26

<210> 17

<211> 41

<212> DNA

<213> Artificial Sequence

<220>

<223> forward primer for PCR of argJ

<400> 17

cgaaaggaaa cactcgatat catggccaaa aaaggcatta c

41

<210> 18

<211> 39

<212> DNA

<213> Artificial Sequence

8. PX051110_Sequence Listings.txt

<220>

<223> forward primer for PCR of ilvE

<400> 18

cgaaaggaaa cactcgatat catgacgtca ttagagttc

39