

Sequence Listing 076929
SEQUENCE LISTING

<110> WANG, Hemu

<120> RECOMBINANT HANSENULA POLYMORPHA-BASED HIGH DOSAGE
HEPATITIS B VACCINE

<130> 107P001438US

<150> CN201610178526.8

<151> 2016-03-25

<160> 3

<210> 1

<211> 681

<212> DNA

<213> Artificial sequence

<220>

<223> the sequence is synthesized

<400> 1

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tttctcggcg gctcccctgt ctgtctcggc cagaactcgc aatcccctac ctctaaccac	180
tcgccaacct cttgtcctcc aatttgtcca ggttaccgct ggatgtgtct gaggcggttt	240
atcatttttc tcttcatctt gtcctgtgc cttatcttct tggttggtgct gcttgactat	300
cagggcatgt tgccagtctg ccctctgatc cctggatcta ctacgaccag cactggtcca	360
tgcaagacgt gcactacccc cgccaagga aactccatgt tcccctcctg ctgttgacacg	420
aagcctaccg acggcaattg cacctgcac ccatcccat cgtcgtgggc attcgctaag	480
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caatggttcg taggcctttc cccgactgtt tggctttccg ccatttggat gatgtggtat	600
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<210> 2

<211> 226

<212> PRT

<213> Artificial sequence

<220>

<223> the sequence is synthesized

<400> 2

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Ala Gly Phe Phe Leu Leu Thr Arg Ile Leu Thr Ile Pro Gln Ser Leu
20 25 30

Asp Ser Trp Trp Thr Ser Leu Asn Phe Leu Gly Gly Ser Pro Val Cys
35 40 45

Leu Gly Gln Asn Ser Gln Ser Pro Thr Ser Asn His Ser Pro Thr Ser
50 55 60

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

Ile Ile Phe Leu Phe Ile Leu Leu Leu Cys Leu Ile Phe Leu Leu Val
85 90 95

Leu Leu Asp Tyr Gln Gly Met Leu Pro Val Cys Pro Leu Ile Pro Gly
100 105 110

Ser Thr Thr Thr Ser Thr Gly Pro Cys Lys Thr Cys Thr Thr Pro Ala
115 120 125

Gln Gly Asn Ser Met Phe Pro Ser Cys Cys Cys Thr Lys Pro Thr Asp
130 135 140

Gly Asn Cys Thr Cys Ile Pro Ile Pro Ser Ser Trp Ala Phe Ala Lys
145 150 155 160

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Tyr Leu Trp Glu Trp Ala Ser Val Arg Phe Ser Trp Leu Ser Leu Leu
165 170 175

Val Pro Phe Val Gln Trp Phe Val Gly Leu Ser Pro Thr Val Trp Leu
180 185 190

Ser Ala Ile Trp Met Met Trp Tyr Trp Gly Pro Ser Leu Tyr Ser Ile
195 200 205

Val Ser Pro Phe Ile Pro Leu Leu Pro Ile Phe Phe Cys Leu Trp Val
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Tyr Ile
225

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<212> DNA
<213> Artificial sequence

<220>
<223> the sequence is synthesized

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aaactcagga attattggag cttcttgata aactggggccc ttacatctgc cttgtcaaaa 180
ctcatattga catagtagag gacttctctt atgaacacac cattttacca ttacaggact 240
tgcaaagaaa cacaacttca tgatttttga agacagaaag tttgctgata ttaggaaaca 300
cagtcaaact acagtataag ggaggaattt atcgaacatc caagtgggcc gatatcacga 360
atgcacacgg agtgactggc gcaggaattg ttgaaggctt taaacaggcc gcagaagaaa 420
gtacagatga gccacgtggg cttttgatgc ttgctgagct ctcttcaaag ggatcattag 480
ctaccggtga gtataactcaa aaaactgtgg aaatagcgaa aagcgataaa gaatttgtca 540

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ttggatttat tgcacagaga gacatgggag gtcgtgagga aggctttgac tggctgatca	600
tgactccagg agttggttta gatgataaag gtgattctct gggccaacag tacagaactg	660
ttgatgaagt gatgcaaaca ggaaccgatg tcattatcgt tggaagaggt ttattcggaa	720
aaggaagaga tcctgaagtg gaagggaaga gatacagaaa tgctgggtgg gaagcttaca	780
agcggcgcac tgcttaa	797