

Seq listing-EN
SEQUENCE LISTING

<110> SHANGHAI QINGLIU BIO-PHARM TECHNOLOGY CO., LTD.

<120> NOVEL NATURAL PROTEIN AND APPLICATION THEREOF

<130> 2016

<160> 17

<170> PatentIn version 3.3

<210> 1

<211> 89

<212> PRT

<213> artificial sequence

<400> 1

Met	Ser	Glu	Lys	Lys	Gln	Pro	Val	Asp	Leu	Gly	Leu	Leu	Glu	Glu	Asp
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Asp	Glu	Phe	Glu	Glu	Phe	Pro	Ala	Glu	Asp	Trp	Ala	Gly	Leu	Asp	Glu
			20					25					30		

Asp	Glu	Asp	Ala	His	Val	Trp	Glu	Asp	Asn	Trp	Asp	Asp	Asp	Asn	Val
		35					40				45				

Glu	Asp	Asp	Phe	Ser	Asn	Gln	Leu	Arg	Ala	Thr	Val	Leu	Leu	Met	Ile
	50					55					60				

Leu	Val	Cys	Glu	Thr	Pro	Tyr	Gly	Cys	Tyr	Val	Leu	His	Gln	Lys	Gly
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Arg	Met	Cys	Ser	Ala	Phe	Leu	Cys	Cys
						85		

<210> 2

<211> 31

<212> PRT

<213> artificial sequence

Seq listing-EN

<400> 2

Thr Val Leu Leu Met Ile Leu Val Cys Glu Thr Pro Tyr Gly Cys Tyr
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Val Leu His Gln Lys Gly Arg Met Cys Ser Ala Phe Leu Cys Cys
20 25 30

<210> 3

<211> 58

<212> PRT

<213> artificial sequence

<400> 3

Met Ser Glu Lys Lys Gln Pro Val Asp Leu Gly Leu Leu Glu Glu Asp
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Asp Glu Phe Glu Glu Phe Pro Ala Glu Asp Trp Ala Gly Leu Asp Glu
20 25 30

Asp Glu Asp Ala His Val Trp Glu Asp Asn Trp Asp Asp Asp Asn Val
35 40 45

Glu Asp Asp Phe Ser Asn Gln Leu Arg Ala
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<210> 4

<211> 70

<212> PRT

<213> artificial sequence

<400> 4

Met Ser Glu Lys Lys Gln Pro Val Asp Leu Gly Leu Leu Glu Glu Asp
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Asp Glu Phe Glu Glu Phe Pro Ala Glu Asp Trp Ala Gly Leu Asp Glu
20 25 30

Seq listing-EN

Asp Glu Asp Ala His Val Trp Glu Asp Asn Trp Asp Asp Asp Asn Val
35 40 45

Glu Asp Asp Phe Ser Asn Gln Leu Arg Ala Glu Leu Glu Lys His Gly
50 55 60

Tyr Lys Met Glu Thr Ser
65 70

<210> 5
<211> 89
<212> PRT
<213> artificial sequence

<400> 5

Met Ser Glu Lys Lys Gln Pro Val Asp Leu Gly Leu Leu Glu Glu Asp
1 5 10 15

Asp Glu Phe Glu Glu Phe Pro Ala Glu Asp Trp Ala Gly Leu Asp Glu
20 25 30

Asp Glu Asp Ala His Val Trp Glu Asp Asn Trp Asp Asp Asp Asn Val
35 40 45

Glu Asp Asp Phe Ser Asn Gln Leu Arg Ala Thr Val Leu Leu Met Ile
50 55 60

Leu Val Cys Glu Thr Pro Tyr Gly Cys Tyr Val Leu His Gln Lys Gly
65 70 75 80

Arg Met Cys Ser Ala Phe Leu Cys Cys
85

<210> 6
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<212> PRT
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Seq listing-EN

<400> 6

Met Ser Glu Lys Lys Gln Pro Val Asp Leu Gly Leu Leu Glu Glu Asp
1 5 10 15

Asp Glu Phe Glu Glu Phe Pro Ala Glu Asp Trp Ala Gly Leu Asp Glu
20 25 30

Asp Glu Asp Ala His Val Trp Glu Asp Asn Trp Asp Asp Asp Asn Val
35 40 45

Glu Asp Asp Phe Ser Asn Gln Leu Arg Ala Thr Val Leu Leu Met Ile
50 55 60

Leu Val Cys Glu Thr Pro Tyr Gly Cys Tyr Val Leu His Gln Lys Gly
65 70 75 80

Arg Met Cys Ser Ala Phe Leu Cys Cys
85

<210> 7

<211> 89

<212> PRT

<213> artificial sequence

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Met Ser Glu Lys Lys Gln Pro Val Asp Leu Gly Leu Leu Glu Glu Asp
1 5 10 15

Asp Glu Phe Glu Glu Phe Pro Ala Glu Asp Trp Ala Gly Leu Asp Glu
20 25 30

Asp Glu Asp Ala His Val Trp Glu Asp Asn Trp Asp Asp Asp Asn Val
35 40 45

Glu Asp Asp Phe Ser Asn Gln Leu Arg Val Thr Val Leu Leu Met Ile
50 55 60

Seq listing-EN

Leu Val Cys Glu Thr Leu Tyr Gly Cys Tyr Val Leu His Gln Lys Gly
65 70 75 80

Arg Met Cys Ser Ala Phe Leu Cys Cys
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<210> 8
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Met Ser Glu Lys Lys Gln Pro Val Asp Leu Gly Leu Leu Glu Glu Asp
1 5 10 15

Asp Glu Phe Glu Glu Phe Pro Ala Glu Asp Trp Ala Gly Leu Asp Glu
20 25 30

Asp Glu Asp Ala His Val Trp Glu Asp Asn Trp Asp Asp Asp Asn Val
35 40 45

Glu Asp Asp Phe Ser Asn Gln Leu Arg Ala Thr Ile Leu Leu Met Ile
50 55 60

Leu Val Cys Glu Thr Pro Tyr Gly Cys Tyr Val Leu His Gln Lys Gly
65 70 75 80

Arg Met Cys Ser Ala Phe Leu Cys Cys
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<210> 9
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Met Ser Glu Lys Lys Gln Pro Val Asp Leu Gly Leu Leu Glu Glu Asp

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1 5 10 15

Asp Glu Phe Glu Glu Phe Pro Ala Glu Asp Trp Ala Gly Leu Asp Glu
 20 25 30

Asp Glu Asp Ala His Val Trp Glu Asp Asn Trp Asp Asp Asp Asn Val
 35 40 45

Glu Asp Asp Phe Ser Asn Gln Leu Arg Ala Thr Val Leu Leu Met Val
 50 55 60

Leu Val Cys Glu Thr Pro Tyr Gly Cys Tyr Val Leu His Gln Lys Glu
 65 70 75 80

Arg Met Cys Ser Ala Phe Leu Cys Cys
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<210> 10
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<400> 10

Met Ser Glu Lys Lys Gln Pro Val Asp Leu Gly Leu Leu Glu Glu Asp
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Asp Glu Phe Glu Glu Phe Pro Ala Glu Asp Trp Ala Gly Leu Asp Glu
 20 25 30

Asp Glu Asp Ala His Val Trp Glu Asp Asn Trp Asp Asp Asp Asn Val
 35 40 45

Glu Asp Asp Phe Ser Asn Gln Leu Arg Ala Thr Val Leu Leu Met Ile
 50 55 60

Lys Val Tyr Glu Thr Pro Tyr Gly Cys Tyr Ile Leu His Gln Lys Gly
 65 70 75 80

Seq listing-EN

Arg Met Cys Ser Ala Phe Leu Cys Cys
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<210> 11
<211> 89
<212> PRT
<213> artificial sequence

<400> 11

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1 5 10 15

Asp Glu Phe Glu Glu Phe Pro Ala Glu Asp Trp Ala Gly Leu Asp Glu
20 25 30

Asp Glu Asp Ala His Val Trp Glu Asp Asn Trp Asp Asp Asp Asn Val
35 40 45

Glu Asp Asp Phe Ser Asn Gln Leu Arg Ala Thr Val Leu Leu Met Ile
50 55 60

Lys Val Tyr Glu Thr Pro Tyr Gly Cys Tyr Ile Leu His Gln Lys Gly
65 70 75 80

Arg Met Cys Ser Ala Phe Leu Cys Cys
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<210> 12
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<400> 12

Met Ser Glu Lys Lys Gln Pro Val Asp Leu Gly Leu Leu Glu Glu Asp
1 5 10 15

Seq listing-EN

Asp Glu Phe Glu Glu Phe Pro Ala Glu Asp Trp Ala Gly Leu Asp Glu
20 25 30

Asp Glu Asp Ala His Val Trp Glu Asp Asn Trp Asp Asp Asp Asn Val
35 40 45

Glu Asp Asp Phe Ser Asn Gln Leu Arg Ala Thr Val Leu Leu Met Ile
50 55 60

Lys Val Tyr Glu Thr Pro Tyr Gly Cys Tyr Ile Leu His Gln Lys Gly
65 70 75 80

Arg Met Cys Ser Ala Phe Leu Cys Cys
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<210> 13
<211> 89
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<400> 13

Met Ser Glu Lys Lys Gln Pro Val Asp Leu Gly Leu Leu Glu Glu Asp
1 5 10 15

Asp Glu Phe Glu Glu Phe Pro Ala Glu Asp Trp Ala Gly Leu Asp Glu
20 25 30

Asp Glu Asp Ala His Val Trp Glu Asp Asn Trp Asp Asp Asp Asn Val
35 40 45

Glu Asp Asp Phe Ser Asn Gln Leu Arg Ala Thr Val Leu Leu Met Lys
50 55 60

Lys Val Tyr Glu Thr Pro Tyr Gly Cys Tyr Ile Leu His Gln Lys Gly
65 70 75 80

Arg Met Cys Ser Ala Phe Leu Cys Cys

Seq listing-EN

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<210> 14
 <211> 89
 <212> PRT
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<400> 14

Met Ser Glu Lys Lys Gln Pro Val Asp Leu Gly Leu Leu Glu Glu Asp
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 20 25 30

Asp Glu Asp Ala His Val Trp Glu Asp Asn Trp Asp Asp Asp Asn Val
 35 40 45

Glu Asp Asp Phe Ser Asn Gln Leu Arg Ala Thr Val Leu Leu Met Ile
 50 55 60

Lys Val Tyr Glu Thr Pro Tyr Gly Cys Tyr Ile Leu His Gln Lys Gly
 65 70 75 80

Arg Met Cys Ser Ala Phe Leu Cys Cys
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<210> 15
 <211> 89
 <212> PRT
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<400> 15

Met Ser Glu Lys Lys Gln Pro Val Asp Leu Gly Leu Leu Glu Glu Asp
 1 5 10 15

Asp Glu Phe Glu Glu Phe Pro Ala Glu Asp Trp Ala Gly Leu Asp Glu
 20 25 30

Seq listing-EN

Asp Glu Asp Ala His Val Trp Glu Asp Asn Trp Asp Asp Asp Asn Val
35 40 45

Glu Asp Asp Phe Ser Asn Gln Leu Arg Ala Thr Val Leu Leu Met Ile
50 55 60

Lys Val Tyr Glu Thr Pro Tyr Gly Cys Tyr Ile Leu His Gln Lys Gly
65 70 75 80

Arg Met Cys Ser Ala Phe Leu Cys Cys
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<210> 16
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Asp Glu Phe Glu Glu Phe Pro Ala Glu Asp Trp Ala Gly Leu Asp Glu
20 25 30

Asp Glu Asp Ala His Val Trp Glu Asp Asn Trp Asp Asp Asp Asn Val
35 40 45

Glu Asp Asp Phe Ser Asn Gln Leu Arg Ala Thr Val Leu Leu Met Ile
50 55 60

Lys Val Tyr Glu Thr Pro Tyr Gly Cys Tyr Ile Leu His Gln Lys Gly
65 70 75 80

Arg Met Cys Ser Ala Phe Leu Cys Cys
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Seq listing-EN

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<210> 17
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<212> DNA
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ggcctgctgg aggaggacga cgagttcgag gagttccccg ccgaggactg ggccggcctg      180
gacgaggacg aggacgcccc cgtgtggggag gacaactggg acgacgacaa cgtggaggac      240
gacttcagca accagctgcg cgccaccgtg ctgctgatga tcctggtgtg cgagaccccc      300
tacggctgct acgtgctgca ccagaagggc cgcattgtgca ggccttcct gtgctgctaa      360
taa                                                                    363

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