

SEQUENCE LISTING

<110> King's College London

<120> Therapeutic Agents

<130> P3052/WO

<150> GB1513540.3

<151> 2015-07-31

<160> 11

<170> BiSSAP 1.3.6

<210> 1

<211> 112

<212> PRT

<213> Homo sapiens

<400> 1

Arg Val Lys Phe Ser Arg Ser Ala Asp Ala Pro Ala Tyr Gln Gln Gly

1 5 10 15

Gln Asn Gln Leu Tyr Asn Glu Leu Asn Leu Gly Arg Arg Glu Glu Tyr

20 25 30

Asp Val Leu Asp Lys Arg Arg Gly Arg Asp Pro Glu Met Gly Gly Lys

35 40 45

Pro Arg Arg Lys Asn Pro Gln Glu Gly Leu Tyr Asn Glu Leu Gln Lys

50 55 60

Asp Lys Met Ala Glu Ala Tyr Ser Glu Ile Gly Met Lys Gly Glu Arg

65	70	75	80
Arg	Arg	Gly	Lys
Gly	His	Asp	Gly
Leu	Tyr	Gln	Gly
Leu	Ser	Thr	Ala
85	90	95	
Thr	Lys	Asp	Thr
Tyr	Asp	Ala	Leu
His	Met	Gln	Ala
Leu	Pro	Pro	Arg
100	105	110	

<210> 2

<211> 112

<212> PRT

<213> Homo sapiens

<400> 2

Arg	Val	Lys	Phe	Ser	Arg	Ser	Ala	Glu	Pro	Pro	Ala	Tyr	Gln	Gln	Gly
1	5	10	15												
Gln	Asn	Gln	Leu	Tyr	Asn	Glu	Leu	Asn	Leu	Gly	Arg	Arg	Glu	Glu	Tyr
20	25	30													
Asp	Val	Leu	Asp	Lys	Arg	Arg	Gly	Arg	Asp	Pro	Glu	Met	Gly	Gly	Lys
35	40	45													
Pro	Arg	Arg	Lys	Asn	Pro	Gln	Glu	Gly	Leu	Tyr	Asn	Glu	Leu	Gln	Lys
50	55	60													
Asp	Lys	Met	Ala	Glu	Ala	Tyr	Ser	Glu	Ile	Gly	Met	Lys	Gly	Glu	Arg
65	70	75	80												
Arg	Arg	Gly	Lys	Gly	His	Asp	Gly	Leu	Tyr	Gln	Gly	Leu	Ser	Thr	Ala
85	90	95													
Thr	Lys	Asp	Thr	Tyr	Asp	Ala	Leu	His	Met	Gln	Ala	Leu	Pro	Pro	Arg
100	105	110													

<210> 3

<211> 220

<212> PRT

<213> Homo sapiens

<400> 3

Met Leu Arg Leu Leu Leu Ala Leu Asn Leu Phe Pro Ser Ile Gln Val

1 5 10 15

Thr Gly Asn Lys Ile Leu Val Lys Gln Ser Pro Met Leu Val Ala Tyr

20 25 30

Asp Asn Ala Val Asn Leu Ser Cys Lys Tyr Ser Tyr Asn Leu Phe Ser

35 40 45

Arg Glu Phe Arg Ala Ser Leu His Lys Gly Leu Asp Ser Ala Val Glu

50 55 60

Val Cys Val Val Tyr Gly Asn Tyr Ser Gln Gln Leu Gln Val Tyr Ser

65 70 75 80

Lys Thr Gly Phe Asn Cys Asp Gly Lys Leu Gly Asn Glu Ser Val Thr

85 90 95

Phe Tyr Leu Gln Asn Leu Tyr Val Asn Gln Thr Asp Ile Tyr Phe Cys

100 105 110

Lys Ile Glu Val Met Tyr Pro Pro Pro Tyr Leu Asp Asn Glu Lys Ser

115 120 125

Asn Gly Thr Ile Ile His Val Lys Gly Lys His Leu Cys Pro Ser Pro

130 135 140

Leu Phe Pro Gly Pro Ser Lys Pro Phe Trp Val Leu Val Val Val Gly

145 150 155 160

Gly Val Leu Ala Cys Tyr Ser Leu Leu Val Thr Val Ala Phe Ile Ile

165 170 175

Phe Trp Val Arg Ser Lys Arg Ser Arg Leu Leu His Ser Asp Tyr Met

180 185 190
Asn Met Thr Pro Arg Arg Pro Gly Pro Thr Arg Lys His Tyr Gln Pro

195 200 205
Tyr Ala Pro Pro Arg Asp Phe Ala Ala Tyr Arg Ser

210 215 220

<210> 4

<211> 107

<212> PRT

<213> Homo sapiens

<400> 4

Ile Glu Val Met Tyr Pro Pro Pro Tyr Leu Asp Asn Glu Lys Ser Asn

1 5 10 15

Gly Thr Ile Ile His Val Lys Gly Lys His Leu Cys Pro Ser Pro Leu

20 25 30

Phe Pro Gly Pro Ser Lys Pro Phe Trp Val Leu Val Val Val Gly Gly

35 40 45

Val Leu Ala Cys Tyr Ser Leu Leu Val Thr Val Ala Phe Ile Ile Phe

50 55 60

Trp Val Arg Ser Lys Arg Ser Arg Leu Leu His Ser Asp Tyr Met Asn

65 70 75 80

Met Thr Pro Arg Arg Pro Gly Pro Thr Arg Lys His Tyr Gln Pro Tyr

85 90 95

Ala Pro Pro Arg Asp Phe Ala Ala Tyr Arg Ser

100 105

<210> 5

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> tag

<400> 5

Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu

1 5 10

<210> 6

<211> 111

<212> PRT

<213> Artificial Sequence

<220>

<223> costimulatory signalling region

<400> 6

Ile Glu Val Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Leu Asp Asn

1 5 10 15

Glu Lys Ser Asn Gly Thr Ile Ile His Val Lys Gly Lys His Leu Cys

20 25 30

Pro Ser Pro Leu Phe Pro Gly Pro Ser Lys Pro Phe Trp Val Leu Val

35 40 45

Val Val Gly Gly Val Leu Ala Cys Tyr Ser Leu Leu Val Thr Val Ala

50 55 60

Phe Ile Ile Phe Trp Val Arg Ser Lys Arg Ser Arg Leu Leu His Ser

65 70 75 80

Asp Tyr Met Asn Met Thr Pro Arg Arg Pro Gly Pro Thr Arg Lys His

	85	90	95
Tyr	Gln	Pro	Tyr
Ala	Pro	Pro	Arg
Asp	Phe	Ala	Ala
Tyr	Arg	Ser	
100	105	110	

<210> 7

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide

<220>

<221> SITE

<222> 5,6

<223> Xaa is any amino acid residue

<400> 7

Arg Gly Asp Leu Xaa Xaa Leu

1 5

<210> 8

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide

<220>

<221> SITE

<222> 5,6

<223> Xaa is any residue

<400> 8

Arg Gly Asp Leu Xaa Xaa Ile

1 5

<210> 9

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide

<400> 9

Tyr Thr Ala Ser Ala Arg Gly Asp Leu Ala His Leu Thr Thr Thr His

1 5 10 15

Ala Arg His Leu

20

<210> 10

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide

<400> 10

Gly Phe Thr Thr Gly Arg Arg Gly Asp Leu Ala Thr Ile His Gly Met

1 5 10 15

Asn Arg Pro Phe

20

<210> 11

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide

<400> 11

Asn Ala Val Pro Asn Leu Arg Gly Asp Leu Gln Val Leu Ala Gln Lys

1 5 10 15

Val Ala Arg Thr

20