

SEQUENCE LISTING

<110> GENETHON

UNIVERSITY OF LEICESTER

INSTITUT NATIONAL DE LA RECHERCHE ET DE LA SANTE MEDICALE

UNIVERSITE EVRY VAL DESSONNE

<120> Peptide that binds to an AAV capsid

<130> 1H274440_CAS 2

<160> 12

<170> BiSSAP 1.3.6

<210> 1

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide 1 without linker

<400> 1

Leu Ser Val Ser Pro Gly Gly Gln Trp Leu Val Ser Gly Ser Asp

1 5 10 15

<210> 2

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide 2 without linker

<400> 2

His Leu Ser Gln Gly Val Gln Trp Ser Leu Leu Leu Ala Val Pro Ser

1 5 10 15

Arg

<210> 3

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide 3 without linker

<400> 3

Thr Val Gly Phe Gly Gly Ile Gly Ser Leu Ile Asp Phe Ile Leu Ile
1 5 10 15
Ser Arg

<210> 4

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide 4 without linker

<400> 4

Gln Ile Val Gly Pro Ser Asp Gly Ser Ser Tyr Ile Ile Asp Tyr Tyr
1 5 10 15
Gly Thr Arg

<210> 5

<211> 26

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide 5 without linker

<400> 5

Leu Thr Ser Pro Gln Val Tyr Asp Asn Gln Glu Pro Leu Arg Glu Glu
1 5 10 15
Asp Ser Asp Phe Ile Leu Thr Glu Gly Asp
20 25

<210> 6

<211> 29

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide 6 without linker

<400> 6

Leu Thr Leu Thr Tyr Gly Asp Ser Thr Val Thr Ala Asn Gly Ser Ser
1 5 10 15
Ser Ser His Thr Ala Ser Thr Ser Leu Glu Gly Ser Arg
20 25

<210> 7

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide 1 with linker

<400> 7

Cys Leu Ser Val Ser Pro Gly Gly Gln Trp Leu Val Ser Gly Ser Asp
1 5 10 15

<210> 8

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide 2 with linker

<400> 8

Cys Gly His Leu Ser Gln Gly Val Gln Trp Ser Leu Leu Leu Ala Val
1 5 10 15
Pro Ser Arg

<210> 9

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide 3 with linker

<400> 9

Cys Gly Thr Val Gly Phe Gly Gly Ile Gly Ser Leu Ile Asp Phe Ile
1 5 10 15

Leu Ile Ser Arg
20

<210> 10

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide 4 with linker

<400> 10

Cys Gln Ile Val Gly Pro Ser Asp Gly Ser Ser Tyr Ile Ile Asp Tyr
1 5 10 15
Tyr Gly Thr Arg
20

<210> 11

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide 5 with linker

<400> 11

Cys Gly Leu Thr Ser Pro Gln Val Tyr Asp Asn Gln Glu Pro Leu Arg
1 5 10 15
Glu Glu Asp Ser Asp Phe Ile Leu Thr Glu Gly Asp
20 25

<210> 12

<211> 30

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide 6 with linker

<400> 12

Cys Leu Thr Leu Thr Tyr Gly Asp Ser Thr Val Thr Ala Asn Gly Ser
1 5 10 15
Ser Ser Ser His Thr Ala Ser Thr Ser Leu Glu Gly Ser Arg
20 25 30