

xg-104 initial_ST25
SEQUENCE LISTING

<110> Xigen S.A.
 <120> Novel JNK inhibitor molecules
 <130> CX01P031WO
 <160> 199
 <170> PatentIn version 3.5
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 <211> 11
 <212> PRT
 <213> Artificial
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 <223> Consensus new JNK inhibitors
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 <222> (2)..(2)
 <223> X2 may be R, P, G or D-enantiomeric r
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 <223> X3 may be K, R or D-enantionmeric k or r
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 <223> X4 may be P or K
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 <222> (6)..(6)
 <223> X5 may be T, or D-enantiomeric a, s, q, k or absent
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 <222> (7)..(7)
 <223> X6 may be T, D or A
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 <223> X7 may be N, K or D-enantiomeric n or r
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 <222> (11)..(11)
 <223> X8 may be F or D-enantiomeric f or w
 <400> 1
 Xaa Xaa Xaa Arg Xaa Xaa Xaa Leu Xaa Leu Xaa
 1 5 10

<210> 2

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<211> 11
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<400> 2

Arg Pro Lys Arg Pro Thr Thr Leu Asn Leu Phe
1 5 10

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Arg Pro Lys Arg Pro Thr Thr Leu Asn Leu Phe
1 5 10

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Arg Pro Lys Arg Pro Ala Thr Leu Asn Leu Phe
1 5 10

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 1 5 10

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 Arg Pro Lys Arg Pro Thr Thr Leu Arg Leu Phe
 1 5 10

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<400> 8

Arg Pro Lys Arg Pro Ala Thr Leu Asn Leu Phe
1 5 10

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<400> 9

Arg Pro Lys Arg Pro Thr Thr Leu Asn Leu Phe
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<223> Arg is D-enantiomeric Arg

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<222> (11)..(11)
<223> Phe is D-enantiomeric Phe

<400> 10

Arg Pro Lys Arg Pro Thr Thr Leu Arg Leu Phe
1 5 10

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 <222> (11)..(11)
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Arg Arg Arg Arg Pro Thr Thr Leu Asn Leu Phe
 1 5 10

<210> 12
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<400> 12

Gln Arg Arg Arg Pro Thr Thr Leu Asn Leu Phe
 1 5 10

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<400> 13

Arg Pro Lys Arg Pro Thr Thr Leu Asn Leu Trp
1 5 10

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<223> RPKRPTDLNLF JNK inhibitor

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Arg Pro Lys Arg Pro Thr Asp Leu Asn Leu Phe
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<223> RRRRPTTLRLW JNK inhibitor

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<222> (9)..(9)

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Arg Arg Arg Arg Pro Thr Thr Leu Arg Leu Trp
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xg-104 initial_ST25
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Gln Arg Arg Arg Pro Thr Thr Leu Arg Leu Trp
1 5 10

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<400> 17

Arg Arg Arg Arg Pro Thr Asp Leu Arg Leu Trp
1 5 10

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 Gln Arg Arg Arg Pro Thr Asp Leu Arg Leu Trp
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 <222> (6)..(6)
 <223> Ala is D-enantiomeric Ala

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 Arg Arg Arg Arg Pro Ala Thr Leu Asn Leu Phe
 1 5 10

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<220>
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<220>
 <221> Variant
 <222> (3)..(3)
 <223> Arg is D-enantiomeric Arg

<220>
 <221> Variant
 <222> (6)..(6)
 <223> Ala is D-enantiomeric Ala

<220>
 <221> Variant
 <222> (11)..(11)

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<223> Phe is D-enantiomeric Phe
 <400> 20

Gln Arg Arg Arg Pro Ala Thr Leu Asn Leu Phe
 1 5 10

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 <223> Arg is D-enantiomeric Arg

<220>
 <221> Variant
 <222> (6)..(6)
 <223> Ala is D-enantiomeric Ala

<220>
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Arg Arg Lys Arg Pro Ala Thr Leu Asn Leu Phe
 1 5 10

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<400> 22

Arg Pro Lys Arg Pro Ser Thr Leu Asn Leu Phe
 1 5 10

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<400> 23

Arg Pro Lys Arg Pro Gln Thr Leu Asn Leu Phe
 1 5 10

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<220>
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 <222> (3)..(3)
 <223> Lys is D-enantiomeric Lys

<220>
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 <222> (6)..(6)
 <223> Lys is D-enantiomeric Lys

<220>
 <221> Variant
 <222> (11)..(11)
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<400> 24

Arg Pro Lys Arg Pro Lys Thr Leu Asn Leu Phe
 1 5 10

<210> 25
 <211> 10
 <212> PRT
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<220> .
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 <222> (1)..(1)
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 <220>
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 <222> (10)..(10)
 <223> Phe is D-enantiomeric Phe
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Arg Gly Lys Arg Lys Ala Leu Lys Leu Phe
 1 5 10

<210> 26
 <211> 10
 <212> PRT
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<220>
 <223> rGKRKALrLf JNK inhibitor

<220>
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 <222> (1)..(1)
 <223> Arg is D-enantiomeric Arg

<220>
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 <222> (8)..(8)
 <223> Arg is D-enantiomeric Arg

<220>
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 <222> (10)..(10)
 <223> Phe is D-enantiomeric Phe

<400> 26
 Arg Gly Lys Arg Lys Ala Leu Arg Leu Phe
 1 5 10

<210> 27
 <211> 10
 <212> PRT
 <213> Artificial

<220>
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 <222> (3)..(3)
 <223> Arg is D-enantiomeric Arg

<220>
 <221> Variant
 <222> (8)..(8)
 <223> Arg is D-enantiomeric Arg

<220>
 <221> Variant

<222> (10)..(10)

<223> Phe is D-enantiomeric Phe

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Arg Arg Arg Arg Lys Ala Leu Arg Leu Phe
1 5 10

<210> 28

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of artificial sequence: generic subformula (Ib)
DLLLLxDmLLLyDn

<220>

<221> VARIANT

<222> (1)..(9)

<223> /replace="any amino acid"

<220>

<221> VARIANT

<222> (1)..(1)

<223> /replace="D-amino acid"

<220>

<221> REPEAT

<222> (1)..(1)

<223> number of repeats is 1 or 2

<220>

<221> REPEAT

<222> (4)..(4)

<223> number of repeats is 0, 1 or 2

<220>

<221> VARIANT

<222> (5)..(5)

<223> /replace="D-amino acid"

<220>

<221> REPEAT

<222> (5)..(5)

<223> number of repeats is 1 or 2

<220>

<221> REPEAT

<222> (8)..(8)

<223> number of repeats is 0, 1 or 2

<220>

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<222> (9)..(9)

<223> /replace="D-amino acid"

<220>

<221> REPEAT

<222> (9)..(9)

<223> number of repeats is 1 or 2

<400> 28

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5

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<210> 29
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of artificial sequence: generic subformula (Ie)
 DLLLD(LLLD)a

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 <223> /replace="any amino acid"

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 <222> (1)..(1)
 <223> /replace="D-amino acid"

<220>
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 <222> (5)..(5)
 <223> /replace="D-amino acid"

<220>
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 <223> number of repeats is 0, 1, 2 or 3

<220>
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<400> 29

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5

<210> 30
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 <223> Description of artificial sequence: generic subformula (If)
 DLLLDLLLL

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 <221> VARIANT
 <222> (1)..(9)
 <223> /replace="any amino acid"

<220>
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 <222> (1)..(1)
 <223> /replace="D-amino acid"

<220>
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 <223> /replace="D-amino acid"

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<223> Arg is D-enantiomeric Arg

<220>
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<222> (6)..(8)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> Variant
<222> (9)..(9)
<223> Arg is D-enantiomeric Arg

<400> 32

Arg Lys Lys Arg Arg Xaa Xaa Xaa Arg
1 5

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<220>
<223> r3 (generic; left half)

<220>
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<222> (1)..(1)
<223> Arg is D-enantiomeric Arg

<220>
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<222> (2)..(4)
<223> Xaa can be any naturally occurring amino acid

<220>
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<222> (5)..(5)
<223> Arg is D-enantiomeric Arg

<220>
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<222> (9)..(9)
<223> Arg is D-enantiomeric Arg

<400> 33

Arg Xaa Xaa Xaa Arg Gln Arg Arg Arg
1 5

<210> 34
<211> 9
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<220>
<223> r3 (generic; individual)

<220>
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<220>

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 <222> (2)..(2)
 <223> Xaa is K or any other naturally occurring amino acid

<220>
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<220>
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<220>
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<220>
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 <222> (6)..(6)
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<220>
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 <222> (7)..(7)
 <223> Xaa is R or any other naturally occurring amino acid

<220>
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 <222> (8)..(8)
 <223> Xaa is R or any other naturally occurring amino acid

<220>
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 <222> (9)..(9)
 <223> Arg is D-enantiomeric Arg

<400> 34

Arg Xaa Xaa Xaa Arg Xaa Xaa Xaa Arg
 1 5

<210> 35
 <211> 86
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 <213> Human immunodeficiency virus type 1

<220>
 <221> misc_feature
 <223> Description of sequence: HIV-1 TAT sequence (aa 1-86)

<400> 35

Met Glu Pro Val Asp Pro Arg Leu Glu Pro Trp Lys His Pro Gly Ser
 1 5 10 15

Gln Pro Lys Thr Ala Cys Thr Asn Cys Tyr Cys Lys Lys Cys Cys Phe
 20 25 30

His Cys Gln Val Cys Phe Ile Thr Lys Ala Leu Gly Ile Ser Tyr Gly
 35 40 45

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Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln Gly Ser Gln Thr
50 55 60

His Gln Val Ser Leu Ser Lys Gln Pro Thr Ser Gln Ser Arg Gly Asp
65 70 75 80

Pro Thr Gly Pro Lys Glu
85

<210> 36
<211> 36
<212> PRT
<213> Human immunodeficiency virus type 1

<220>
<221> misc_feature
<223> Description of sequence: HIV-1 TAT sequence (aa 37-72)
<400> 36

Cys Phe Ile Thr Lys Ala Leu Gly Ile Ser Tyr Gly Arg Lys Lys Arg
1 5 10 15

Arg Gln Arg Arg Arg Pro Pro Gln Gly Ser Gln Thr His Gln Val Ser
20 25 30

Leu Ser Lys Gln
35

<210> 37
<211> 22
<212> PRT
<213> Human immunodeficiency virus type 1

<220>
<221> misc_feature
<223> Description of sequence: HIV-1 TAT sequence (aa 37-58)
<400> 37

Cys Phe Ile Thr Lys Ala Leu Gly Ile Ser Tyr Gly Arg Lys Lys Arg
1 5 10 15

Arg Gln Arg Arg Arg Pro
20

<210> 38
<211> 24
<212> PRT
<213> Human immunodeficiency virus type 1

<220>
<221> misc_feature
<223> Description of sequence: HIV-1 TAT sequence (aa 38-58) including
an additional N-terminal GCC

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<400> 38

Phe Ile Thr Lys Ala Leu Gly Ile Ser Tyr Gly Arg Lys Lys Arg Arg
1 5 10 15

Gln Arg Arg Arg Pro Gly Gly Cys
20

<210> 39

<211> 15

<212> PRT

<213> Human immunodeficiency virus type 1

<220>

<221> misc_feature

<223> Description of sequence: HIV-1 TAT sequence (aa 47-58) including an additional C-terminal GCC

<400> 39

Cys Gly Gly Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro
1 5 10 15

<210> 40

<211> 15

<212> PRT

<213> Human immunodeficiency virus type 1

<220>

<221> misc_feature

<223> Description of sequence: HIV-1 TAT sequence (aa 47-58) including an additional N-terminal GCC

<400> 40

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Gly Gly Cys
1 5 10 15

<210> 41

<211> 56

<212> PRT

<213> Human immunodeficiency virus type 1

<220>

<221> misc_feature

<223> Description of sequence: HIV-1 TAT sequence (aa 1-72) including a mutated Cys to Ala residue at position 37

<400> 41

Met Glu Pro Val Asp Pro Arg Leu Glu Pro Trp Lys His Pro Gly Ser
1 5 10 15

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

Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln Gly Ser Gln Thr
35 40 45

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His Gln Val Ser Leu Ser Lys Gln
50 55

<210> 42
<211> 10
<212> PRT
<213> Artificial

<220>
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Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
1 5 10

<210> 43
<211> 9
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<400> 43

Arg Lys Lys Arg Arg Gln Arg Arg Arg
1 5

<210> 44
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of sequence: trafficking sequence L-TAT (s1c)
<400> 44

Tyr Asp Arg Lys Lys Arg Arg Gln Arg Arg Arg
1 5 10

<210> 45
<211> 9
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<220>
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<222> (1)..(9)
<223> all amino acids are D-enantiomeric amino acids

<400> 45

Arg Arg Arg Gln Arg Arg Lys Lys Arg
1 5

<210> 46

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<211> 9
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<220>
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 <223> Arg is D-enantiomeric Arg

<220>
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 <222> (5)..(5)
 <223> Arg is D-enantiomeric Arg

<220>
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 <222> (9)..(9)
 <223> Arg is D-enantiomeric Arg

<400> 46

Arg Lys Lys Arg Arg Gln Arg Arg Arg
 1 5

<210> 47
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> trafficking sequence r3-L-TATi

<220>
 <221> Variant
 <222> (1)..(1)
 <223> Arg is D-enantiomeric Arg

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 <222> (5)..(5)
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<220>
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 <223> Arg is D-enantiomeric Arg

<400> 47

Arg Arg Arg Gln Arg Arg Lys Lys Arg
 1 5

<210> 48
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 <223> Description of sequence: trafficking sequence betaA-r3-L-TAT

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<220>
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 <222> (1)..(1)
 <223> Arg is D-enantiomeric Arg

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 <222> (1)..(1)
 <223> b-Alanine modified

<220>
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 <222> (5)..(5)
 <223> Arg is D-enantiomeric Arg

<220>
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FITC-betaA-r3-L-TAT xg-104 initial_ST25

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xg-104 initial_ST25

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xg-104 initial_ST25

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xg-104 initial_ST25

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xg-104 initial_ST25

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xg-104 initial_ST25

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xg-104 initial_ST25

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xg-104 initial_ST25

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xg-104 initial_ST25

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<400> 139

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xg-104 initial_ST25

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<400> 148

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<400> 151

xg-104 initial_ST25

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<212> PRT
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<220>
<223> trafficking sequence L-R9

<400> 152

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<211> 8
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<220>
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<400> 154

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1 5

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<220>
<223> trafficking sequence L-R6

<400> 155

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1 5

<210> 156
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<212> PRT
<213> Artificial Sequence

<220>
<223> trafficking sequence L-R5

xg-104 initial_ST25

<400> 156

Arg Arg Arg Arg Arg
1 5

<210> 157

<211> 9

<212> PRT

<213> Artificial

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<223> all D transporter construct (all amino acid residues are D-amino acids)

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<400> 157

Arg Arg Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 158

<211> 9

<212> PRT

<213> Artificial

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<223> Description of sequence: D/L transporter construct (D and L amino acid residues alternate, beginning with D amino acids)

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<222> (9)..(9)

<223> Arg is D-enantiomeric Arg

<400> 158

Arg Arg Arg Arg Arg Arg Arg Arg Arg
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xg-104 initial_ST25

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 <223> Arg is D-enantiomeric Arg

<400> 159
 Arg Arg Arg Arg Arg Arg Arg Arg Arg
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<210> 160
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Tyr Ala Arg Ala Ala Ala Arg Gln Ala Arg Ala
 1 5 10

<210> 161
 <211> 11
 <212> PRT
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 <400> 161

Trp Ala Arg Ala Ala Ala Arg Gln Ala Arg Ala
 1 5 10

<210> 162
 <211> 11
 <212> PRT
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 <400> 162

xg-104 initial_ST25

Trp Ala Arg Ala Gln Arg Ala Ala Ala Arg Ala .
1 5 10

<210> 163
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> trafficking sequence L-P1 (Penetratin)

<400> 163

Arg Gln Val Lys Val Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10 15

<210> 164
<211> 16
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<220>
<223> trafficking sequence D-P1 (Penetratin)

<400> 164

Lys Lys Trp Lys Met Arg Arg Asn Gln Phe Trp Val Lys Val Gln Arg
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<210> 165
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<220>
<223> trafficking sequence JNK1, bestfit

<400> 165

Trp Lys Arg Ala Ala Ala Arg Lys Ala Arg Ala Met Ser Leu Asn Leu
1 5 10 15

Phe

<210> 166
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<220>
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<400> 166

Trp Lys Arg Ala Ala Ala Arg Ala Ala Arg Ala Met Ser Leu Asn Leu
1 5 10 15

Phe

xg-104 initial_ST25

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Arg Tyr Arg Gly Asp Leu Gly Arg Arg
1 5

<210> 168
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<220>
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<400> 168

Tyr Lys Gly Leu
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<400> 169

Arg Arg Thr Lys
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<211> 4
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<400> 170

Arg Arg Pro Lys
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<220>
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<220>
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xg-104 initial_ST25

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1          5          10          15

Leu Asn Leu Phe
                20

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<210> 172
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xg-104 initial_ST25

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Arg Lys Lys Arg Arg Gln Arg Arg Arg Arg Pro Lys Arg Pro Ala Thr
 1 5 10 15

Leu Asn Leu Phe
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Arg Lys Lys Arg Arg Gln Arg Arg Arg Arg Pro Lys Arg Pro Thr Thr
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Leu Arg Leu Phe
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xg-104 initial_ST25

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1 5 10 15

Phe

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Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Thr Thr Leu Asn Leu Phe
1 5 10 15

xg-104 initial_ST25

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Arg Lys Lys Arg Arg Gln Arg Arg Arg Arg Pro Lys Arg Pro Thr Thr
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Leu Asn Leu Trp
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xg-104 initial_ST25

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Leu Asn Leu Phe
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Trp

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xg-104 initial_ST25

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Trp

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xg-104 initial_ST25

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<400> 182

Arg Lys Lys Arg Arg Gln Arg Arg Arg Arg Pro Ala Thr Leu Asn Leu
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Phe

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<400> 183

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xg-104 initial_ST25

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Arg Lys Lys Arg Arg Gln Arg Arg Lys Arg Pro Ala Thr Leu Asn Leu
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Phe

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 <222> (5)..(5)
 <223> Arg is D-enantiomeric Arg

<220>
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 <222> (9)..(9)
 <223> Arg is D-enantiomeric Arg

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<220>
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 <222> (12)..(12)
 <223> Lys is D-enantiomeric Lys

<220>
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 <222> (15)..(15)
 <223> Ser is D-enantiomeric Ser

<220>
 <221> Variant
 <222> (20)..(20)
 <223> Phe is D-enantiomeric Phe

<400> 185

Arg Lys Lys Arg Arg Gln Arg Arg Arg Arg Pro Lys Arg Pro Ser Thr
 1 5 10 15

Leu Asn Leu Phe
 20

<210> 186
 <211> 20
 <212> PRT
 <213> Artificial

<220>
 <223> rKKRrQRRrRPkRPqTLNlf JNK inhibitor

<220>
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 <223> Arg is D-enantiomeric Arg

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 <222> (9)..(9)
 <223> Arg is D-enantiomeric Arg

<220>
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 <222> (12)..(12)
 <223> Lys is D-enantiomeric Lys

<220>
 <221> Variant
 <222> (15)..(15)
 <223> Gln is D-enantiomeric Gln

<220>
 <221> Variant
 <222> (20)..(20)
 <223> Phe is D-enantiomeric Phe

<400> 186

Arg Lys Lys Arg Arg Gln Arg Arg Arg Arg Pro Lys Arg Pro Gln Thr
 Seite 81

1	5	xg-104 initial_ST25 10	15
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Leu Asn Leu Phe
20

<210> 187
 <211> 20
 <212> PRT
 <213> Artificial

<220>
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 <223> Lys is D-enantiomeric Lys

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 <222> (15)..(15)
 <223> Lys is D-enantiomeric Lys

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 <221> Variant
 <222> (20)..(20)
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<400> 187

Arg	Lys	Lys	Arg	Arg	Gln	Arg	Arg	Arg	Arg	Pro	Lys	Arg	Pro	Lys	Thr
1				5					10					15	

Leu Asn Leu Phe
20

<210> 188
 <211> 18
 <212> PRT
 <213> Artificial

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<223> Arg is D-enantiomeric Arg

<220>

<221> Variant

<222> (5)..(5)

<223> Arg is D-enantiomeric Arg

<220>

<221> Variant

<222> (9)..(9)

<223> Arg is D-enantiomeric Arg

<220>

<221> Variant

<222> (18)..(18)

<223> Phe is D-enantiomeric Phe

<400> 188

Arg Lys Lys Arg Arg Gln Arg Arg Arg Gly Lys Arg Lys Ala Leu Lys
1 5 10 15

Leu Phe

<210> 189

<211> 18

<212> PRT

<213> Artificial

<220>

<223> rKKRRrQRRrGKRKALrLf JNK inhibitor

<220>

<221> Variant

<222> (1)..(1)

<223> Arg is D-enantiomeric Arg

<220>

<221> Variant

<222> (5)..(5)

<223> Arg is D-enantiomeric Arg

<220>

<221> Variant

<222> (9)..(9)

<223> Arg is D-enantiomeric Arg

<220>

<221> Variant

<222> (16)..(16)

<223> Arg is D-enantiomeric Arg

<220>

<221> Variant

<222> (18)..(18)

<223> Phe is D-enantiomeric Phe

<400> 189

Arg Lys Lys Arg Arg Gln Arg Arg Arg Gly Lys Arg Lys Ala Leu Arg
1 5 10 15

Leu Phe

<210> 190
 <211> 16
 <212> PRT
 <213> Artificial

<220>
 <223> rKKRRrQRRrRKALrLf JNK inhibitor

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<220>
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 <223> Arg is D-enantiomeric Arg

<220>
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 <223> Arg is D-enantiomeric Arg

<220>
 <221> Variant
 <222> (16)..(16)
 <223> Phe is D-enantiomeric Phe

<400> 190

Arg Lys Lys Arg Arg Gln Arg Arg Arg Arg Lys Ala Leu Arg Leu Phe
 1 5 10 15

<210> 191
 <211> 8
 <212> PRT
 <213> Artificial

<220>
 <223> RPTTLNLF JNK inhibitor

<400> 191

Arg Pro Thr Thr Leu Asn Leu Phe
 1 5

<210> 192
 <211> 9
 <212> PRT
 <213> Artificial

<220>
 <223> KRPTTLNLF JNK inhibitor

<400> 192

Lys Arg Pro Thr Thr Leu Asn Leu Phe

xcg-104 initial_ST25

1 5

<210> 193
<211> 11
<212> PRT
<213> Artificial

<220>
<223> L-IB1(s24)

<400> 193

Arg Pro Lys Arg Pro Thr Thr Leu Asn Leu Phe
1 5 10

<210> 194
<211> 29
<212> PRT
<213> Artificial

<220>
<223> GRKKRRQRRRPPKRPTTLNLFQVPRSQD JNK inhibitor

<400> 194

Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Lys Arg Pro Thr
1 5 10 15

Thr Leu Asn Leu Phe Pro Gln Val Pro Arg Ser Gln Asp
20 25

<210> 195
<211> 25
<212> PRT
<213> Artificial

<220>
<223> GRKKRRQRRRPTTLNLFQVPRSQD JNK inhibitor

<400> 195

Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Thr Thr Leu Asn Leu
1 5 10 15

Phe Pro Gln Val Pro Arg Ser Gln Asp
20 25

<210> 196
<211> 31
<212> PRT
<213> Artificial

<220>
<223> L-TAT-IB1

<400> 196

Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Arg Pro Lys Arg
1 5 10 15

Pro Thr Thr Leu Asn Leu Phe Pro Gln Val Pro Arg Ser Gln Asp
Seite 85

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                20                                xg-104 initial_ST25 30
                .                                25                                .

<210> 197
<211> 31
<212> PRT
<213> Artificial

<220>
<223> D-TAT-IB1

<220>
<221> Variant
<222> (1)..(31)
<223> All amino acids are D-enantiomeric amino acids

<400> 197

Asp Gln Ser Arg Pro Val Gln Pro Phe Leu Asn Leu Thr Thr Pro Arg
1          5          10          15

Lys Pro Arg Pro Pro Arg Arg Arg Gln Arg Arg Lys Lys Arg Gly
          20          25          30

<210> 198
<211> 39
<212> PRT
<213> Artificial

<220>
<223> cJun (29-67)

<400> 198

Ser Asn Pro Lys Ile Leu Lys Gln Ser Met Thr Leu Asn Leu Ala Asp
1          5          10          15

Pro Val Gly Ser Leu Lys Pro His Leu Arg Ala Lys Asn Ser Asp Leu
          20          25          30

Leu Thr Ser Pro Asp Val Gly
          35

<210> 199
<211> 20
<212> PRT
<213> Artificial

<220>
<223> RKKRRQRRRRPKRPATLNLF antibody negative control

<400> 199

Arg Lys Lys Arg Arg Gln Arg Arg Arg Arg Pro Lys Arg Pro Ala Thr
1          5          10          15

Leu Asn Leu Phe
          20

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