

SEQUENCE LISTING

<110> Alex Levitzki management and holdings,
Ltd
Levitzki, Alexander
Joubran, Salim
Shir, Alexei
Zigler, Maya

<120> IMPROVED POLYETHYLENEIMINE
POLYETHYLENEGLYCOL VECTORS

<130> ALEX-003 PCT

<150> 61993110

<151> 2014-05-14

<160> 6

<170> PatentIn version 3.5

<210> 1

<211> 12

<212> PRT

<213> Artificial Sequence

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Tyr His Trp Tyr Gly Tyr Thr Pro Gln Asn Val
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<221> X is 8-aminooctanoic acid.

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Xaa Phe Gly Trp Trp Gly Cys
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<221> X is diaminopropionic acid

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Met Gly Ser Ser His His His His His His Ser
Ser Gly Leu Val Pro

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Arg Gly Ser His Met Ala Ser Ala Glu Ala Lys
Tyr Ala Lys Glu Met

20 25
30

Trp Ala Ala Trp Glu Glu Ile Arg Asn Leu Pro
Asn Leu Thr Gly Trp

35 40
45

Gln Met Thr Ala Phe Ile Ala Lys Leu Val Asp
Asp Pro Ser Gln Ser

50 55 60

Ser Glu Leu Leu Ser Glu Ala Lys Lys Leu Asn
Asp Ser Gln Ala Pro

65 70 75
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Lys Cys

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Met Gly Ser Ser His His His His His His Ser
Ser Gly Leu Val Pro

1 5 10
15

Arg Gly Ser His Met Ala Glu Ala Lys Tyr Ala
Lys Met Arg Asn Ala

20 25
30

Tyr Trp Glu Ile Ala Leu Leu Pro Asn Leu Thr
Asn Gln Gln Lys Arg

35 40
45

Ala Phe Ile Arg Lys Leu Tyr Asp Asp Pro Ser
Gln Ser Ser Glu Leu

50 55 60

Leu Ser Glu Ala Lys Lys Leu Asn Asp Ser Gln
Ala Pro Lys Cys

65 70 75

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<212> PRT

<213> Homo sapiens

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Asn Ser Asp Ser Glu Cys Pro Leu Ser His Asp
Gly Tyr Cys Leu His

1 5 10
15

Asp Gly Val Cys Met Tyr Ile Glu Ala Leu Asp
Lys Tyr Ala Cys Asn

20 25
30

Cys Val Val Gly Tyr Ile Gly Glu Arg Cys Gln
Tyr Arg Asp Leu Lys

35 40
45

Trp Trp Glu Leu Arg
50