

## 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  
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<212> PRT  
<213> Artificial Sequence

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Tyr His Trp Tyr Gly Tyr Thr Pro Gln Asn Val  
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1 5

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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  
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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

<210> 6  
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Asn Ser Asp Ser Glu Cys Pro Leu Ser His Asp  
Gly Tyr Cys Leu His

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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