

SEQUENCE LISTING

<110> NONO INC.
 GARMAN, JONATHAN DAVID

<120> CHLORIDE SALT OF TAT-NR2B9c

<130> 057769/446849

<160> 73

<170> FastSEQ for Windows Version 4.0

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<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthesized

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Gly	Arg	Lys	Lys	Arg	Arg	Gln	Arg	Arg	Arg
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<210> 2

<211> 11

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<400> 2

Tyr	Gly	Arg	Lys	Lys	Arg	Arg	Gln	Arg	Arg	Arg
1				5						10

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57769462434-seql-000001

Phe Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
1 5 10

<210> 4

<211> 12

<212> PRT

<213> Artificial Sequence

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<223> Synthesized

<400> 4

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

<210> 5

<211> 9

<212> PRT

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<223> Synthesized

<400> 5

Lys Leu Ser Ser Ile Glu Ser Asp Val
1 5

<210> 6

<211> 20

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<213> Artificial Sequence

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<400> 6

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Lys Leu Ser Ser Ile
1 5 10 15
Glu Ser Asp Val
20

<210> 7

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthesized

<400> 7

Tyr	Gly	Arg	Lys	Lys	Arg	Arg	Gln	Arg	Arg	Arg	Lys	Leu	Ser	Ser	Ile
1				5				10					15		
Glu	Thr	Asp	Val												
			20												

<210> 8

<211> 12

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<220>

<221> VARIANT

<222> 1

<223> Xaa = Blank or any amino acid

<400> 8

Xaa	Phe	Gly	Arg	Lys	Lys	Arg	Arg	Gln	Arg	Arg	Arg
1				5				10			

<210> 9

<211> 14

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<400> 9

Arg	Leu	Ser	Gly	Met	Asn	Glu	Val	Leu	Ser	Phe	Arg	Trp	Leu
1				5				10					

<210> 10

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<212> PRT

<213> Artificial Sequence

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<223> Synthesized

<400> 10

Arg	Arg	Arg	Gln	Arg	Arg	Lys	Lys	Arg
1				5				

57769462434-seql-000001

<210> 11

<211> 20

<212> PRT

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<223> Synthesized

<400> 11

Phe	Asn	Gly	Ser	Ser	Asn	Gly	His	Val	Tyr	Glu	Lys	Leu	Ser	Ser	Ile
1				5					10				15		
Glu	Ser	Asp	Val												
			20												

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<223> Synthesized

<400> 12

Glu	Ser	Asp	Val
1			

<210> 13

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<223> Synthesized

<400> 13

His	Pro	Thr	Asp	Ile	Thr	Gly	Pro	Leu	Asn	Leu	Ser	Asp	Pro	Ser	Val
1				5					10					15	
Ser	Thr	Val	Val												
			20												

<210> 14

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<400> 14

57769462434-seql-000001

Arg	Arg	Ala	Ile	Glu	Arg	Glu	Glu	Gly	Gln	Leu	Gln	Leu	Cys	Ser	Arg
1				5					10					15	
His	Arg	Glu	Ser												
			20												

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Thr	Gln	Gly	Phe	Pro	Gly	Pro	Cys	Thr	Trp	Arg	Arg	Ile	Ser	Ser	Leu
1				5					10					15	
Glu	Ser	Glu	Val												
			20												

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Ala	Val	Ser	Arg	Lys	Thr	Glu	Leu	Glu	Glu	Tyr	Gln	Arg	Thr	Ser	Arg
1				5					10					15	
Thr	Cys	Glu	Ser												
			20												

<210> 17
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Leu	Asn	Ser	Cys	Ser	Asn	Arg	Arg	Val	Tyr	Lys	Lys	Met	Pro	Ser	Ile
1				5					10					15	
Glu	Ser	Asp	Val												
			20												

<210> 18

57769462434-seql-000001

<211> 20

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<223> Synthesized

<400> 18

Gly	Gly	Asp	Leu	Gly	Thr	Arg	Arg	Gly	Ser	Ala	His	Phe	Ser	Ser	Leu
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Glu	Ser	Glu	Val												
			20												

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<400> 19

Gln	Pro	Thr	Pro	Thr	Leu	Gly	Leu	Asn	Leu	Gly	Asn	Asp	Pro	Asp	Arg
1				5				10					15		
Gly	Thr	Ser	Ile												
			20												

<210> 20

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<223> Synthesized

<400> 20

Met	Gln	Ser	Ile	Pro	Cys	Met	Ser	His	Ser	Ser	Gly	Met	Pro	Leu	Gly
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Ala	Thr	Gly	Leu												
			20												

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<400> 21

Gln Asn Phe Ala Thr Tyr Lys Glu Gly Tyr Asn Val Tyr Gly Ile Glu
1 5 10 15
Ser Val Lys Ile
20

<210> 22

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<223> Synthesized

<400> 22

Gln Asn Tyr Ala Thr Tyr Arg Glu Gly Tyr Asn Val Tyr Gly Thr Glu
1 5 10 15
Ser Val Lys Ile
20

<210> 23

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<400> 23

His Thr Gly Thr Ala Ile Arg Gln Ser Ser Gly Leu Ala Val Ile Ala
1 5 10 15
Ser Asp Leu Pro
20

<210> 24

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<400> 24

Ser Phe Thr Ser Ile Leu Thr Cys His Gln Arg Arg Thr Gln Arg Lys
1 5 10 15
Glu Thr Val Ala
20

<210> 25
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<400> 25
 Glu Val Ile Asn Met His Thr Phe Asn Asp Arg Arg Leu Pro Gly Lys
 1 5 10 15
 Glu Thr Met Ala
 20

<210> 26
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<400> 26
 Ile Glu Thr Ala Val
 1 5

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<400> 27
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<400> 28
 His Arg Glu Ser
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<400> 29
Glu Ser Glu Val
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Thr Cys Glu Ser
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<400> 31
Gly Thr Ser Ile
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Ala Thr Gly Leu
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<400> 33
Ser Val Lys Ile
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Ser Asp Leu Pro
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<400> 35
Glu Thr Val Ala
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<400> 36
Glu Thr Met Ala
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<400> 37
 Arg Arg Arg Gln Arg Arg Lys Lys Arg Gly Tyr Lys Leu Ser Ser Ile
 1 5 10 15
 Glu Thr Asp Val
 20

<210> 38
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 <223> Xaa = E, D, N, or Q

<220>
 <221> VARIANT
 <222> 2
 <223> Xaa = S or T

<220>
 <221> VARIANT
 <222> 3
 <223> Xaa = D, E, Q, or N

<220>
 <221> VARIANT
 <222> 4
 <223> Xaa = V or L

<400> 38
 Xaa Xaa Xaa Xaa
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 <211> 4

<212> PRT

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<223> Synthesized

<400> 39

Glu Thr Asp Val

1

<210> 40

<211> 4

<212> PRT

<213> Artificial Sequence

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<223> Synthesized

<400> 40

Glu Thr Glu Val

1

<210> 41

<211> 4

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<213> Artificial Sequence

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<223> Synthesized

<400> 41

Asp Thr Asp Val

1

<210> 42

<211> 4

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<223> Synthesized

<400> 42

Asp Thr Glu Val

1

<210> 43

<211> 9

<212> PRT

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<223> Synthesized

<400> 43

Lys Leu Ser Ser Ile Glu Thr Asp Val
1 5

<210> 44

<211> 5

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<400> 44

Gly Ser Ser Ser Ser
1 5

<210> 45

<211> 5

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<223> Synthesized

<400> 45

Thr Gly Glu Lys Pro
1 5

<210> 46

<211> 8

<212> PRT

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<223> Synthesized

<400> 46

Gly Gly Arg Arg Gly Gly Gly Ser
1 5

<210> 47

<211> 9

<212> PRT

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<223> Synthesized

<400> 47

Leu Arg Gln Arg Asp Gly Glu Arg Pro
1 5

<210> 48

<211> 13

<212> PRT

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<223> Synthesized

<400> 48

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

<210> 49

<211> 11

<212> PRT

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<223> Synthesized

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<221> VARIANT

<222> 1

<223> Xaa = Blank or an amino acid that is not Y

<400> 49

Xaa Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
1 5 10

<210> 50

<211> 11

<212> PRT

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<220>

<223> Synthesized

<220>

<221> VARIANT

<222> 1

<223> Xaa = Blank or any amino acid

<400> 50

Xaa	Gly	Lys	Lys	Lys	Lys	Lys	Gln	Lys	Lys	Lys
1				5					10	

<210> 51

<211> 10

<212> PRT

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<223> Synthesized

<220>

<221> VARIANT

<222> 1

<223> Xaa = Blank or any amino acid

<400> 51

Xaa	Arg	Lys	Lys	Arg	Arg	Gln	Arg	Arg	Arg
1				5					10

<210> 52

<211> 11

<212> PRT

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<220>

<223> Synthesized

<220>

<221> VARIANT

<222> 1

<223> Xaa = Blank or any amino acid

<400> 52

Xaa	Gly	Ala	Lys	Lys	Arg	Arg	Gln	Arg	Arg	Arg
1				5					10	

<210> 53

<211> 10

<212> PRT

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<223> Synthesized

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<221> VARIANT

<222> 1

<223> Xaa = Blank or any amino acid

<400> 53

Xaa	Ala	Lys	Lys	Arg	Arg	Gln	Arg	Arg	Arg
1				5					10

<210> 54

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Synthesized

<220>

<221> VARIANT

<222> 1

<223> Xaa = Blank or any amino acid

<400> 54

Xaa	Gly	Arg	Lys	Ala	Arg	Arg	Gln	Arg	Arg	Arg
1				5						10

<210> 55

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthesized

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<221> VARIANT

<222> 1

<223> Xaa = Blank or any amino acid

<400> 55

Xaa	Arg	Lys	Ala	Arg	Arg	Gln	Arg	Arg	Arg
1				5					10

<210> 56

<211> 11

<212> PRT

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<223> Synthesized

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<221> VARIANT

<222> 1

<223> Xaa = Blank or any amino acid

<400> 56

Xaa	Gly	Arg	Lys	Lys	Ala	Arg	Gln	Arg	Arg	Arg
1				5					10	

<210> 57

<211> 10

<212> PRT

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<220>

<223> Synthesized

<220>

<221> VARIANT

<222> 1

<223> Xaa = Blank or any amino acid

<400> 57

Xaa	Arg	Lys	Lys	Ala	Arg	Gln	Arg	Arg	Arg
1				5					10

<210> 58

<211> 11

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<223> Synthesized

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<221> VARIANT

<222> 1

<223> Xaa = Blank or any amino acid

<400> 58

Xaa	Gly	Arg	Lys	Lys	Arg	Arg	Gln	Ala	Arg	Arg
1				5					10	

<210> 59

<211> 10

<212> PRT

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<223> Synthesized

<220>

<221> VARIANT

<222> 1

<223> Xaa = Blank or any amino acid

<400> 59

Xaa	Arg	Lys	Lys	Arg	Arg	Gln	Ala	Arg	Arg
1				5					10

<210> 60

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<222> 1

<223> Xaa = Blank or any amino acid

<400> 60

Xaa	Gly	Arg	Lys	Lys	Arg	Arg	Gln	Arg	Ala	Arg
1				5						10

<210> 61

<211> 10

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<223> Synthesized

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<222> 1

<223> Xaa = Blank or any amino acid

<400> 61

Xaa	Arg	Lys	Lys	Arg	Arg	Gln	Arg	Ala	Arg
1				5					10

<210> 62

<211> 12

<212> PRT

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<220>

<223> Synthesized

<220>

<221> VARIANT

<222> 1

<223> Xaa = Blank or any amino acid

<400> 62

Xaa	Arg	Arg	Pro	Arg	Arg	Pro	Arg	Arg	Pro	Arg	Arg
1				5					10		

<210> 63

<211> 12

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<223> Synthesized

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<221> VARIANT

<222> 1

<223> Xaa = Blank or any amino acid

<400> 63

Xaa	Arg	Arg	Ala	Arg	Arg	Ala	Arg	Arg	Ala	Arg	Arg
1				5					10		

<210> 64

<211> 11

<212> PRT

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<220>

<221> VARIANT

<222> 1

<223> Xaa = Blank or any amino acid

<400> 64

Xaa	Arg	Arg	Arg	Ala	Arg	Arg	Arg	Ala	Arg	Arg
1				5					10	

<210> 65
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 <221> VARIANT
 <222> 1
 <223> Xaa = Blank or any amino acid

<400> 65
 Xaa Arg Arg Arg Pro Arg Arg Arg Pro Arg Arg
 1 5 10

<210> 66
 <211> 9
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<220>
 <223> Synthesized

<220>
 <221> VARIANT
 <222> 1
 <223> Xaa = Blank or any amino acid

<400> 66
 Xaa Arg Arg Pro Arg Arg Pro Arg Arg
 1 5

<210> 67
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Synthesized

<220>
 <221> VARIANT
 <222> 1
 <223> Xaa = Blank or any amino acid

<400> 67
 Xaa Arg Arg Ala Arg Arg Ala Arg Arg
 1 5

<210> 68
 <211> 4
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<220>
 <223> Synthesized

<220>
 <221> VARIANT
 <222> 1
 <223> Xaa = E, Q, A, or an analog thereof

<220>
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 <222> 2
 <223> Xaa = T or S

<220>
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 <222> 3
 <223> Xaa = A, Q, D, N, N-Me-A, N-Me-Q, N-Me-D, N-Me-N,
 or an analogue thereof

<400> 68
 Xaa Xaa Xaa Val
 1

<210> 69
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<220>
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<400> 69
 Val Asp Ser Glu Ile Ser Ser Leu Lys Arg Arg Arg Gln Arg Arg Lys
 1 5 10 15
 Lys Arg Gly Tyr Ile Asn
 20

<210> 70
 <211> 20
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<223> Synthesized

<400> 70

Arg	Arg	Arg	Gln	Arg	Arg	Lys	Lys	Arg	Gly	Tyr	Lys	Leu	Ser	Ser	Ile
1				5					10					15	
Glu	Ser	Asp	Val												
			20												

<210> 71

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthesized

<400> 71

Ile	Glu	Ser	Asp	Val
1				5

<210> 72

<211> 11

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<220>

<223> Synthesized

<400> 72

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

<210> 73

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthesized

<400> 73

Ile	Glu	Thr	Asp	Val
1				5