SEQUENCE LISTING

<110> Université Pierre et Marie Curie (Paris 6) et al

<120> CELL PENETRATING PEPTIDES

<130> B1290PC

<160> 18

<170> PatentIn version 3.3

<210> 1
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> cell penetrating peptide

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<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is vacant, is a lysine residue, or valine-lysine

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is an amino acid residue that is different from arginine and is non-conservative with respect to arginine

<220>
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<222> (10)..(10)
<223> Xaa is vacant, is a lysine residue, or lysine-isoleucine

<220>
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<222> (11)..(11)
<223> Xaa is vacant or is an amino acid sequence of one to 4 amino acids

<400> 1

Xaa Lys Lys Lys Ile Lys Xaa Glu Ile Xaa Xaa
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Val Lys Lys Lys Lys Ile Lys Ala Glu Ile Lys Ile
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<222> (2)..(2)
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<223> Xaa is aspartic acid or glycine

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<223> Xaa is phenylalanine or leucine

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<223> Xaa is arginine or histidine

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<223> Xaa is vacant or is glutamate, or glutamate-aspartate, or glutamate-aspartate-leucine

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Tyr Xaa Glu Thr Leu Asp Xaa Ile Xaa Glu Gln Trp Ala Xaa Ser Xaa
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Val Lys Lys Lys Lys Ile Lys Ala Glu Ile Lys Ile Tyr Val Glu Thr
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Leu Asp Asp Ile Phe Glu Gln Trp Ala His Ser Glu Asp Leu
20 25 30

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Val Lys Lys Lys Lys Ile Lys Ala Glu Ile Lys Ile Tyr Ile Glu Thr
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Leu Asp Asp Ile Leu Glu Gln Trp Ala Arg Ser Glu Asp Leu
            20   25   30

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Leu Asp Asp Ile Phe Glu Gln Trp Ala His Ser Glu Asp Leu
            20   25   30

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Val Lys Lys Lys Lys Ile Lys Arg Glu Ile Lys Ile
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Asp Thr Leu Asp His Ile Arg Ala Leu Asp Arg Leu Gln Glu Val Pro
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His Glu Gly Pro
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Asp Thr Leu Asp His Ile Arg Ala Leu Asp Arg Leu Gln Glu Val Pro
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His Glu Gly Pro
20

<210> 10
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Val Lys Lys Lys Lys Ile Lys Lys Glu Ile Lys Ile
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Leu Asp Asp Ile Phe Glu Gln Trp Ala His Ser Glu Asp Leu
20 25 30

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Leu Asp Asp Ile Leu Glu Gln Trp Ala Arg Ser Glu Asp Leu
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Leu Asp Asp Ile Phe Glu Gln Trp Ala His Ser Glu Asp Leu
20 25 30

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Leu Asp Asp Ile Leu Glu Gln Trp Ala Arg Ser Glu Asp Leu
20 25 30

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His Ile Arg Ala Leu Asp Arg Leu Gln Glu Val Pro His Glu Gly Pro
20 25 30

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His Ile Arg Ala Leu Asp Arg Leu Gln Glu Val Pro His Glu Gly Pro
20 25 30

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1 5 10 15

His Ile Arg Ala Leu Asp Arg Leu Gln Glu Val Pro His Glu Gly Pro
20 25 30