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<130> K 10010 PCT

<150> EP 12 003 564.7

<151> 2012-05-07

<150> US 61/645,154

<151> 2012-05-10

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<220>

<223> synthetic

<400> 14

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<211> 496
<212> PRT
<213> artificial

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<220>
<223> synthetic

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<400> 16

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Gly His Ala Ser Val Glu Ser Gly Cys Glu Thr Gln Glu Ser Pro Ala
          20           25           30

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Lys	Val	Ala	Leu	Arg	Pro	Asp	Cys	Lys	Tyr	Lys	Ile	Ser	Lys	Leu	Val		
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Ile	Asp	Thr	Glu	Asp	Arg	Val	Ala	Phe	Arg	Cys	Ser	Met	Ile	Asn	Met		
	210					215					220						
Trp	Pro	Gly	Val	Leu	Gly	Met	Asp	Gly	Val	Val	Ile	Met	Asn	Val	Arg		
225					230					235					240		
Phe	Thr	Gly	Pro	Asn	Phe	Ser	Gly	Thr	Val	Phe	Leu	Ala	Asn	Thr	Asn		
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Leu	Ile	Leu	His	Gly	Val	Ser	Phe	Tyr	Gly	Phe	Asn	Asn	Thr	Cys	Val		
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Glu Ala Trp Thr Asp Val Arg Val Arg Gly Cys Ala Phe Tyr Cys Cys
 275 280 285

Trp Lys Gly Val Val Cys Arg Pro Lys Ser Arg Ala Ser Ile Lys Lys
 290 295 300

Cys Leu Phe Glu Arg Cys Thr Leu Gly Ile Leu Ser Glu Gly Asn Ser
 305 310 315 320

Arg Val Arg His Asn Val Ala Ser Asp Cys Gly Cys Phe Met Leu Val
 325 330 335

Lys Ser Val Ala Val Ile Lys His Asn Met Val Cys Gly Asn Cys Glu
 340 345 350

Asp Arg Ala Ser Gln Met Leu Thr Cys Ser Asp Gly Asn Cys His Leu
 355 360 365

Leu Lys Thr Ile His Val Ala Ser His Ser Arg Lys Ala Trp Pro Val
 370 375 380

Phe Glu His Asn Ile Leu Thr Arg Cys Ser Leu His Leu Gly Asn Arg
 385 390 395 400

Arg Gly Val Phe Leu Pro Tyr Gln Cys Asn Leu Ser His Thr Lys Ile
 405 410 415

Leu Leu Glu Pro Glu Ser Met Ser Lys Val Asn Leu Asn Gly Val Phe
 420 425 430

Asp Met Thr Met Lys Ile Trp Lys Val Leu Arg Tyr Asp Glu Thr Arg
 435 440 445

Thr Arg Cys Arg Pro Cys Glu Cys Gly Gly Lys His Ile Arg Asn Gln
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Pro Val Met Leu Asp Val Thr Glu Glu Leu Arg Pro Asp His Leu Val
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Leu Ala Cys Thr Arg Ala Glu Phe Gly Ser Ser Asp Glu Asp Thr Asp
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<210> 17
 <211> 1491
 <212> DNA
 <213> Adenovirus serotype 5

<400> 17
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<210> 18
<211> 176
<212> PRT
<213> Adenovirus serotype 5

<400> 18

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Leu Glu Gln Ser Ser Asn Ser Thr Ser Trp Phe Trp Arg Phe Leu Trp
20 25 30

Gly Ser Ser Gln Ala Lys Leu Val Cys Arg Ile Lys Glu Asp Tyr Lys
35 40 45

Trp Glu Phe Glu Glu Leu Leu Lys Ser Cys Gly Glu Leu Phe Asp Ser
50 55 60

Leu Asn Leu Gly His Gln Ala Leu Phe Gln Glu Lys Val Ile Lys Thr
65 70 75 80

Leu Asp Phe Ser Thr Pro Gly Arg Ala Ala Ala Ala Val Ala Phe Leu
85 90 95

Ser Phe Ile Lys Asp Lys Trp Ser Glu Glu Thr His Leu Ser Gly Gly
100 105 110

Tyr Leu Leu Asp Phe Leu Ala Met His Leu Trp Arg Ala Val Val Arg
115 120 125

His Lys Asn Arg Leu Leu Leu Leu Ser Ser Val Arg Pro Ala Ile Ile
130 135 140

Pro Thr Glu Glu Gln Gln Gln Gln Glu Glu Ala Arg Arg Arg Arg
145 150 155 160

Gln Glu Gln Ser Pro Trp Asn Pro Arg Ala Gly Leu Asp Pro Arg Glu
165 170 175

<210> 19

<211> 531

<212> DNA

<213> Adenovirus serotype 5

<400> 19

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<210> 20
 <211> 84
 <212> PRT
 <213> Adenovirus serotype 5

<400> 20

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Thr Val Val Phe Arg Pro Pro Gly Asp Asn Thr Asp Gly Gly Ala Ala
 35 40 45

Ala Ala Ala Gly Gly Ser Gln Ala Ala Ala Ala Gly Ala Glu Pro Met
 50 55 60

Glu Pro Glu Ser Arg Pro Gly Pro Ser Gly Met Asn Val Val Gln Gln
 65 70 75 80

Pro Pro Pro Pro

<210> 21
 <211> 255
 <212> DNA
 <213> Adenovirus serotype 5

<400> 21

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<210> 22
 <211> 7091
 <212> DNA

<213> artificial

<220>

<223> synthetic

<400> 22

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