

PhoenixTemp24827.tmp.txt
SEQUENCE LISTING

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<120> Use of Defensins Against Tuberculosis

<130> 11422.204-WO

<160> 27

<170> PatentIn version 3.5

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<212> DNA

<213> Pseudoplectania nigrella

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ctc	aac	acc	gga	gcc	ttt	gca	gca	ccc	cag	cct	ggt	ccc	gag	gct	tac	96
Leu	Asn	Thr	Gly	Ala	Phe	Ala	Ala	Pro	Gln	Pro	Val	Pro	Glu	Ala	Tyr	
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gct	ggt	tct	gat	ccc	gag	gct	cat	cct	gac	gat	ttt	gct	ggt	atg	gat	144
Ala	Val	Ser	Asp	Pro	Glu	Ala	His	Pro	Asp	Asp	Phe	Ala	Gly	Met	Asp	
			-20					-15					-10			

gcg	aac	caa	ctt	cag	aaa	cgt	gga	ttt	gga	tgc	aat	ggt	cct	tgg	gat	192
Ala	Asn	Gln	Leu	Gln	Lys	Arg	Gly	Phe	Gly	Cys	Asn	Gly	Pro	Trp	Asp	
	-5				-1	1				5						

gag	gat	gat	atg	cag	tgc	cac	aat	cac	tgc	aag	tct	att	aag	ggt	tac	240
Glu	Asp	Asp	Met	Gln	Cys	His	Asn	His	Cys	Lys	Ser	Ile	Lys	Gly	Tyr	
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aag	gga	ggt	tat	tgt	gct	aag	ggg	ggc	ttt	ggt	tgc	aag	tgt	tac	285	
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<213> Pseudoplectania nigrella

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Met Gln Phe Thr Thr Ile Leu Ser Ile Gly Ile Thr Val Phe Gly Leu

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Leu Asn Thr Gly Ala Phe Ala Ala Pro Gln Pro Val Pro Glu Ala Tyr
-35 -30 -25

Ala Val Ser Asp Pro Glu Ala His Pro Asp Asp Phe Ala Gly Met Asp
-20 -15 -10

Ala Asn Gln Leu Gln Lys Arg Gly Phe Gly Cys Asn Gly Pro Trp Asp
-5 -1 1 5

Glu Asp Asp Met Gln Cys His Asn His Cys Lys Ser Ile Lys Gly Tyr
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Lys Gly Gly Tyr Cys Ala Lys Gly Gly Phe Val Cys Lys Cys Tyr
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Asn His Cys Lys Ser Ile Lys Gly Tyr Arg Gly Gly Tyr Cys Ala Lys
20 25 30

Gly Gly Phe Val Cys Lys Cys Tyr
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Asn His Cys Lys Ser Ile Lys Gly Tyr Arg Gly Gly Tyr Cys Ala Lys
20 25 30

Gly Gly Phe Val Cys Lys Cys Tyr

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Asn His Cys Lys Ser Ile Lys Gly Tyr Lys Gly Gly Tyr Cys Ala Lys
 20 25 30

Gly Gly Phe Val Cys Lys Cys Tyr
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Asn His Cys Lys Ser Ile Lys Gly Tyr Arg Gly Gly Tyr Cys Ala Lys
 20 25 30

Gly Gly Phe Val Cys Arg Cys Tyr
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 20 25 30

Gly Gly Phe Val Cys Lys Cys Tyr
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Asn His Cys Lys Ser Ile Lys Gly Tyr Lys Gly Gly Tyr Cys Ala Lys
20 25 30

Gly Gly Phe Val Cys Lys Cys Tyr
35 40

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20 25 30

Gly Gly Phe Val Cys Lys Cys Tyr
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Gly Gly Phe Val Cys Arg Cys Tyr
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 20 25 30

Gly Gly Phe Val Cys Lys Cys Tyr
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Val His Cys Lys Ser Ile Lys Gly Tyr Lys Gly Gly Tyr Cys Ser Lys
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Gly Gly Phe Val Cys Lys Cys Tyr
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Gly Phe Gly Cys Gly Gly Pro Trp Asp Glu Asp Asp Leu Gln Cys His
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Gly Gly Phe Val Cys Lys Cys Tyr
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Gln His Cys Lys Ser Ile Lys Gly Tyr Lys Gly Gly Tyr Cys Thr Lys
 20 25 30

Gly Gly Phe Val Cys Lys Cys Tyr
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 20 25 30

Gly Gly Phe Val Cys Lys Cys Tyr
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Asn His Cys Lys Ser Ile Lys Gly Tyr Arg Gly Gly Tyr Cys Ala Lys
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Gly Gly Phe Val Cys Lys Cys Tyr
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Gly Phe Gly Cys Asn Gly Pro Trp Ser Glu Asp Asp Met Lys Cys His
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20 25 30

Gly Gly Phe Val Cys Lys Cys Tyr
35 40

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Asn His Cys Lys Ser Ile Lys Gly Tyr Lys Gly Gly Tyr Cys Ala Lys
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Gly Gly Phe Leu Cys Lys Cys Tyr
35 40

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<400> 21

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Asn His Cys Lys Ser Ile Lys Gly Tyr Lys Gly Gly Tyr Cys Ala Lys
20 25 30

Gly Gly Phe Val Cys Lys Cys Tyr
35 40

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Asn	His	Cys	Lys	Ser	Ile	Lys	Gly	Tyr	Lys	Gly	Gly	Tyr	Cys	Ala	Lys
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Asn	His	Cys	Lys	Ser	Ile	Lys	Gly	Tyr	Lys	Gly	Gly	Tyr	Cys	Ala	Lys
			20					25					30		

Gly	Gly	Phe	Val	Cys	Lys	Cys	Tyr
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Asn	His	Cys	Lys	Ser	Ile	Lys	Gly	Tyr	Lys	Gly	Gly	Tyr	Cys	Ala	Lys
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Gly	Gly	Phe	Val	Cys	Lys	Cys	Tyr
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Asn	His	Cys	Lys	Ser	Ile	Lys	Gly	Tyr	Lys	Gly	Gly	Tyr	Cys	Ala	Lys
			20					25					30		

Gly	Gly	Phe	Leu	Cys	Lys	Cys	Tyr
		35					40

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Asn	His	Cys	Lys	Ser	Ile	Lys	Gly	Tyr	Lys	Gly	Gly	Tyr	Cys	Ala	Lys
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Gly	Gly	Phe	Val	Cys	Lys	Cys	Tyr
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Asn	His	Cys	Lys	Ser	Ile	Lys	Gly	Tyr	Arg	Gly	Gly	Tyr	Cys	Ala	Lys
			20					25					30		

Gly	Gly	Phe	Val	Cys	Lys	Cys	Tyr
		35					40