

SEQUENCE LISTING

<110> Assistance publique Hopitaux de Paris
 <120> Procédé de diagnostic d'une hypertension artérielle pulmonaire
 <130> B0700
 <160> 1
 <170> PatentIn version 3.3
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 <211> 2201
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (181)..(290)
 <223> fragment antigénique

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Val Phe Asn His Val Tyr Asn Ile Lys Leu Pro Val Gly Ser Gln Cys
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Ser Val Asp Leu Glu Ser Ala Ser Gly Glu Lys Asp Leu Ala Pro Pro
 65 70 75 80

Ser Glu Pro Ser Glu Ser Phe Gln Glu His Thr Val Asp Gly Glu Asn
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Gln Ile Val Phe Thr His Arg Ile Asn Ile Pro Arg Arg Ala Cys Gly
 100 105 110

Cys Ala Ala Ala Pro Asp Val Lys Glu Leu Leu Ser Arg Leu Glu Glu
 115 120 125

Leu Glu Asn Leu Val Ser Ser Leu Arg Glu Gln Cys Thr Ala Gly Ala
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Gly Cys Cys Leu Gln Pro Ala Thr Gly Arg Leu Asp Thr Arg Pro Phe
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Cys Ser Gly Arg Gly Asn Phe Ser Thr Glu Gly Cys Gly Cys Val Cys
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Glu Pro Gly Trp Lys Gly Pro Asn Cys Ser Glu Pro Glu Cys Pro Gly
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Asn Cys His Leu Arg Gly Arg Cys Ile Asp Gly Gln Cys Ile Cys Asp
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Asp Gly Phe Thr Gly Glu Asp Cys Ser Gln Leu Ala Cys Pro Ser Asp
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Cys Asn Asp Gln Gly Lys Cys Val Asn Gly Val Cys Ile Cys Phe Glu
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Gly Tyr Ala Gly Ala Asp Cys Ser Arg Glu Ile Cys Pro Val Pro Cys
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Ser Glu Glu His Gly Thr Cys Val Asp Gly Leu Cys Val Cys His Asp
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Gly Phe Ala Gly Asp Asp Cys Asn Lys Pro Leu Cys Leu Asn Asn Cys
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Tyr Asn Arg Gly Arg Cys Val Glu Asn Glu Cys Val Cys Asp Glu Gly
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Phe Thr Gly Glu Asp Cys Ser Glu Leu Ile Cys Pro Asn Asp Cys Phe
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Asp Arg Gly Arg Cys Ile Asn Gly Thr Cys Tyr Cys Glu Glu Gly Phe
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Thr Gly Glu Asp Cys Gly Lys Pro Thr Cys Pro His Ala Cys His Thr
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Gln Gly Arg Cys Glu Glu Gly Gln Cys Val Cys Asp Glu Gly Phe Ala
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Gly Leu Asp Cys Ser Glu Lys Arg Cys Pro Ala Asp Cys His Asn Arg
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Thr Pro Thr His Glu Gly Gly Leu Glu Met Gln Phe Arg Val Pro Gly
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675 680 685

Phe Ile Arg Val Phe Ala Ile Leu Glu Asn Lys Lys Ser Ile Pro Val
690 695 700

Ser Ala Arg Val Ala Thr Tyr Leu Pro Ala Pro Glu Gly Leu Lys Phe
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Lys Ser Ile Lys Glu Thr Ser Val Glu Val Glu Trp Asp Pro Leu Asp
725 730 735

Ile Ala Phe Glu Thr Trp Glu Ile Ile Phe Arg Asn Met Asn Lys Glu
740 745 750

Asp Glu Gly Glu Ile Thr Lys Ser Leu Arg Arg Pro Glu Thr Ser Tyr
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Arg Gln Thr Gly Leu Ala Pro Gly Gln Glu Tyr Glu Ile Ser Leu His
770 775 780

Ile Val Lys Asn Asn Thr Arg Gly Pro Gly Leu Lys Arg Val Thr Thr
785 790 795 800

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Thr Thr Ala Leu Ile Thr Trp Phe Lys Pro Leu Ala Glu Ile Asp Gly
820 825 830

Ile Glu Leu Thr Tyr Gly Ile Lys Asp Val Pro Gly Asp Arg Thr Thr
835 840 845

Ile Asp Leu Thr Glu Asp Glu Asn Gln Tyr Ser Ile Gly Asn Leu Lys
850 855 860

Pro Asp Thr Glu Tyr Glu Val Ser Leu Ile Ser Arg Arg Gly Asp Met
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Ser Ser Asn Pro Ala Lys Glu Thr Phe Thr Thr Gly Leu Asp Ala Pro
885 890 895

Arg Asn Leu Arg Arg Val Ser Gln Thr Asp Asn Ser Ile Thr Leu Glu
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Trp Arg Asn Gly Lys Ala Ala Ile Asp Ser Tyr Arg Ile Lys Tyr Ala
915 920 925

Pro Ile Ser Gly Gly Asp His Ala Glu Val Asp Val Pro Lys Ser Gln
930 935 940

Gln Ala Thr Thr Lys Thr Thr Leu Thr Gly Leu Arg Pro Gly Thr Glu
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Tyr Gly Ile Gly Val Ser Ala Val Lys Glu Asp Lys Glu Ser Asn Pro
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Ala Thr Ile Asn Ala Ala Thr Glu Leu Asp Thr Pro Lys Asp Leu Gln
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Val Ser Glu Thr Ala Glu Thr Ser Leu Thr Leu Leu Trp Lys Thr Pro
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Leu Ala Lys Phe Asp Arg Tyr Arg Leu Asn Tyr Ser Leu Pro Thr
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Val Leu Arg Gly Leu Glu Pro Gly Gln Glu Tyr Asn Val Leu Leu
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Ala Ser Thr Glu Gln Ala Pro Glu Leu Glu Asn Leu Thr Val Thr
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Glu Val Gly Trp Asp Gly Leu Arg Leu Asn Trp Thr Ala Ala Asp
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Gln Ala Tyr Glu His Phe Ile Ile Gln Val Gln Glu Ala Asn Lys
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1160						1165					1170			
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1190						1195					1200			
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Val Asn Lys Val Glu Ala Ala Gln Asn Leu Thr Leu Pro Gly Ser				
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Leu Asn Val Ser Asp Ile Thr Pro Glu Ser Phe Asn Leu Ser Trp				
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Met Ala Thr Asp Gly Ile Phe Glu Thr Phe Thr Ile Glu Ile Ile				
1460		1465		1470
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Ala Glu Arg Thr Ala His Ile Ser Gly Leu Pro Pro Ser Thr Asp				
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Phe Ile Val Tyr Leu Ser Gly Leu Ala Pro Ser Ile Arg Thr Lys				
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Thr Ile Ser Ala Thr Ala Thr Thr Glu Ala Leu Pro Leu Leu Glu				
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Asn Leu Thr Ile Ser Asp Ile Asn Pro Tyr Gly Phe Thr Val Ser				
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Trp Met Ala Ser Glu Asn Ala Phe Asp Ser Phe Leu Val Thr Val				
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Val Asp Ser Gly Lys Leu Leu Asp Pro Gln Glu Phe Thr Leu Ser				
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Cys	Ser	Gln	Ala	Met	Leu	Asn	Gly	Asp	Thr	Thr	Ser	Gly	Leu	Tyr
1985						1990					1995			
Thr	Ile	Tyr	Leu	Asn	Gly	Asp	Lys	Ala	Gln	Ala	Leu	Glu	Val	Phe
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Cys	Asp	Met	Thr	Ser	Asp	Gly	Gly	Gly	Trp	Ile	Val	Phe	Leu	Arg
2015						2020					2025			

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Ala	Ala	Gly	Phe	Gly	Asp	Arg	Arg	Glu	Glu	Phe	Trp	Leu	Gly	Leu
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Asp	Asn	Leu	Asn	Lys	Ile	Thr	Ala	Gln	Gly	Gln	Tyr	Glu	Leu	Arg
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Val	Asp	Leu	Arg	Asp	His	Gly	Glu	Thr	Ala	Phe	Ala	Val	Tyr	Asp
2075						2080					2085			
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2090						2095					2100			
Glu	Gly	Tyr	Ser	Gly	Thr	Ala	Gly	Asp	Ser	Met	Ala	Tyr	His	Asn
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Thr	Asn	Cys	Ala	Leu	Ser	Tyr	Lys	Gly	Ala	Phe	Trp	Tyr	Arg	Asn
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