

SEQUENCE LISTING

<110> Copley, Clive G  
Marsden, Catherine J

<120> Binding Agents

<130> AWE/G132365

<160> 68

<170> PatentIn version 3.5

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Lys Ser

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Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg  
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&lt;212&gt; PRT

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Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Gly  
 20 25 30

Ser Tyr Tyr Trp Thr Trp Ile Arg Gln Pro Ala Gly Lys Gly Leu Glu  
 35 40 45

Trp Ile Gly Arg Ile Tyr Thr Ser Gly Ser Thr Ser Tyr His Pro Ser  
 50 55 60

Ile Lys Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe  
 65 70 75 80

Ser Leu Asn Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr  
 85 90 95

Cys Ala Arg Phe Ser Arg Gly Gly Pro Phe Leu Trp Gly Arg Gly Thr  
 100 105 110

Leu Val Thr Val Ser Ser  
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Gly Gln Pro Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Val Tyr  
 20 25 30

Arg Asp Gly Asn Thr Tyr Leu Asn Trp Phe Gln Gln Arg Pro Gly Gln  
 35 40 45

Ser Pro Arg Arg Leu Ile Tyr Lys Val Ser Asp Arg Asp Ser Gly Val  
 50 55 60

Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys  
 65 70 75 80

Ile Ser Arg Val Glu Ala Glu Asp Val Gly Ile Tyr Tyr Cys Met Gln  
 85 90 95

Ser Thr Arg Trp Pro Pro Thr Phe Gly Gln Gly Thr Thr Leu Glu Ile  
 100 105 110

Lys Arg Glu  
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Leu Ser Thr Tyr Asn Gly Asn Thr Arg Thr Ala Gln Lys Phe Gln Gly  
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Asp Ile

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Gly Asn Asp Gln Arg Pro Ser

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<213> Homo sapiens

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Ser Val Lys Val Ser Cys Lys Ala Ser

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Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met Gly Trp

1 5 10 15



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Arg Val Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr Met Glu  
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Leu Arg Ser Leu Arg Ser Asp Asp Ser Ala Val Tyr Phe Cys Ala Arg  
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Trp Gly Gln Gly Thr Met Val Thr Val Ser Ser  
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Ser Val Leu Thr Gln Pro Pro Ser Val Ser Gly Thr Pro Gly Gln Arg  
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Val Thr Ile Ser Cys  
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Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile Tyr  
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Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Thr Ser Ala Ser  
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Leu Ala Ile Thr Gly Val Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys  
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Phe Gly Thr Gly Thr Lys Val Thr Val Leu Gly Glu Ser Glu  
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<210> 31

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<212> PRT

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Gln Val Gln Leu Gln Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala  
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Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Met Phe Asn Asn Tyr  
20 25 30

Gly Leu Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met  
35 40 45

Gly Trp Leu Ser Thr Tyr Asn Gly Asn Thr Arg Thr Ala Gln Lys Phe  
50 55 60

Gln Gly Arg Val Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr  
65 70 75 80

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Ser Ala Val Tyr Phe Cys  
85 90 95

Ala Arg Asp Gly Leu Ile His Ser Ser Arg Tyr Gln Tyr Asn His Asp  
100 105 110

Gly Phe Asp Ile Trp Gly Gln Gly Thr Met Val Thr Val Ser Ser  
115 120 125

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1 5 10 15

Val Thr Ile Ser Cys Ser Gly Gly Arg Ser Asn Ile Gly Ser Asn Thr  
20 25 30

Val Lys Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile  
35 40 45

Tyr Gly Asn Asp Gln Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly  
50 55 60

Ser Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Thr Gly Val Gln Ala  
65 70 75 80

Glu Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Tyr Asp Ser Ser Leu Arg  
85 90 95

Gly Ser Arg Val Phe Gly Thr Gly Thr Lys Val Thr Val Leu Gly Glu  
100 105 110

Ser Glu

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Gly Tyr Thr Phe Thr Ser Tyr Gly Ile Ser  
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Ile Ser Ala Tyr Asn Gly Asn Thr Asn Tyr Ala Gln Lys Leu Gln Gly  
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Ala Pro Arg Gly Phe Trp Ser Gly Tyr Pro Leu Asp Tyr  
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<210> 36  
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Arg Ala Ser Arg Thr Val Asn Asn Arg Tyr Leu Ala  
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<400> 37

Asp Ala Ser Asn Arg Ala Thr  
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<210> 38  
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<212> PRT  
<213> Homo sapiens

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Gln Gln Arg Ser Asn Trp Pro Gly Thr  
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<210> 39  
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&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 39

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala

1

5

10

15

Ser Val Lys Val Ser Cys Lys Ala Ser

20

25

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&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 40

Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met Gly Trp

1

5

10

15

&lt;210&gt; 41

&lt;211&gt; 32

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 41

Arg Val Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr Met Glu

1

5

10

15

Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg

20

25

30

&lt;210&gt; 42

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&lt;400&gt; 42

Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser  
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<400> 43

Ser Glu Ile Val Leu Thr Gln Ser Pro Val Ile Leu Ser Leu Ser Pro  
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Gly Glu Arg Ala Thr Leu Ser Cys  
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Trp Tyr Gln Gln Lys Leu Gly Gln Ala Pro Arg Leu Leu Met Tyr  
1 5 10 15

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Gly Ile Pro Ala Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr  
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Leu Thr Ile Ser Ser Leu Glu Pro Glu Asp Phe Ala Val Tyr Tyr Cys  
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<400> 47

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Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr  
 20 25 30

Gly Ile Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met  
 35 40 45

Gly Trp Ile Ser Ala Tyr Asn Gly Asn Thr Asn Tyr Ala Gln Lys Leu  
 50 55 60

Gln Gly Arg Val Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr  
 65 70 75 80

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys  
 85 90 95

Ala Arg Ala Pro Arg Gly Phe Trp Ser Gly Tyr Pro Leu Asp Tyr Trp  
 100 105 110



Gly Gln Gly Thr Leu Val Thr Val Ser Ser  
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Gly Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Arg Thr Val Asn Asn  
20 25 30

Arg Tyr Leu Ala Trp Tyr Gln Gln Lys Leu Gly Gln Ala Pro Arg Leu  
35 40 45

Leu Met Tyr Asp Ala Ser Asn Arg Ala Thr Gly Ile Pro Ala Arg Phe  
50 55 60

Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu  
65 70 75 80

Glu Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Arg Ser Asn Trp  
85 90 95

Pro Gly Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg Glu  
100 105 110

<210> 49  
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&lt;400&gt; 49

Gly Ala Ser Ile Ser Ser Gly Ser Tyr Tyr  
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&lt;210&gt; 50

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 50

Ile Gly Arg Ile Tyr Thr Ser Gly Ser Thr Ser Tyr His Pro Ser Ile  
1 5 10 15

Lys Ser

&lt;210&gt; 51

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 51

Phe Ser Arg Gly Gly Pro Phe Leu  
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&lt;210&gt; 52

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 52

Arg Ser Ser Gln Ser Leu Val Tyr Arg Asn Gly Asn Ile Tyr Leu Asn  
1 5 10 15

&lt;210&gt; 53

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Gln Val Ser Asp Arg Asp Ser  
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Met Gln Ser Thr Arg Trp Pro Pro Thr  
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Thr Leu Ser Leu Thr Cys Thr Val Ser  
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<400> 57

Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Asn  
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Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg  
20 25 30

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Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser  
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Gly Gln Pro Ala Ser Ile Ser Cys  
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&lt;400&gt; 60

Trp Phe Gln Gln Arg Pro Gly Gln Ser Pro Arg Arg Leu Ile Tyr

1 5 10 15

&lt;210&gt; 61

&lt;211&gt; 32

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 61

Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr

1 5 10 15

Leu Lys Ile Ser Arg Val Glu Ala Glu Asp Val Gly Ile Tyr Tyr Cys

20 25 30

&lt;210&gt; 62

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 62

Phe Gly Gln Gly Thr Thr Leu Glu Ile Lys Arg Glu

1 5 10

&lt;210&gt; 63

&lt;211&gt; 118

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 63

Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln

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Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Ala Ser Ile Ser Ser Gly  
 20 25 30

Ser Tyr Tyr Trp Thr Trp Ile Arg Gln Pro Ala Gly Lys Gly Leu Glu  
 35 40 45

Trp Ile Gly Arg Ile Tyr Thr Ser Gly Ser Thr Ser Tyr His Pro Ser  
 50 55 60

Ile Lys Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe  
 65 70 75 80

Ser Leu Asn Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr  
 85 90 95

Cys Ala Arg Phe Ser Arg Gly Gly Pro Phe Leu Trp Gly Arg Gly Thr  
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Leu Val Thr Val Ser Ser  
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Gly Gln Pro Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Val Tyr  
 20 25 30

Arg Asn Gly Asn Ile Tyr Leu Asn Trp Phe Gln Gln Arg Pro Gly Gln

35 40 45

Ser Pro Arg Arg Leu Ile Tyr Gln Val Ser Asp Arg Asp Ser Gly Val  
50 55 60

Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys  
65 70 75 80

Ile Ser Arg Val Glu Ala Glu Asp Val Gly Ile Tyr Tyr Cys Met Gln  
85 90 95

Ser Thr Arg Trp Pro Pro Thr Phe Gly Gln Gly Thr Thr Leu Glu Ile  
100 105 110

Lys Arg Glu  
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