

B60414PCT - sequences.ST25.txt  
SEQUENCE LISTING

<110> B.R.A.H.M.S. AG  
<120> Methods and Assays for Classifying Foodstuff and/or Beverage  
and/or Diet and/or Nutrition Regimen and/or Medicament in View of  
an Effect on the Cardiovascular System  
<130> B60414PCT  
<150> EP08168107.4  
<151> 2008-10-31  
<160> 14  
<170> PatentIn version 3.3  
<210> 1  
<211> 126  
<212> PRT  
<213> Homo sapiens  
<400> 1

Asn Pro Met Tyr Asn Ala Val Ser Asn Ala Asp Leu Met Asp Phe Lys  
1 5 10 15

Asn Leu Leu Asp His Leu Glu Glu Lys Met Pro Leu Glu Asp Glu Val  
20 25 30

Val Pro Pro Gln Val Leu Ser Glu Pro Asn Glu Glu Ala Gly Ala Ala  
35 40 45

Leu Ser Pro Leu Pro Glu Val Pro Pro Trp Thr Gly Glu Val Ser Pro  
50 55 60

Ala Gln Arg Asp Gly Gly Ala Leu Gly Arg Gly Pro Trp Asp Ser Ser  
65 70 75 80

Asp Arg Ser Ala Leu Leu Lys Ser Lys Leu Arg Ala Leu Leu Thr Ala  
85 90 95

Pro Arg Ser Leu Arg Arg Ser Ser Cys Phe Gly Gly Arg Met Asp Arg  
100 105 110

Ile Gly Ala Gln Ser Gly Leu Gly Cys Asn Ser Phe Arg Tyr  
115 120 125

<210> 2  
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<212> PRT  
<213> Homo sapiens

<400> 2

Met Lys Leu Val Ser Val Ala Leu Met Tyr Leu Gly Ser Leu Ala Phe  
1 5 10 15

Leu Gly Ala Asp Thr Ala Arg Leu Asp Val Ala Ser Glu Phe Arg Lys  
Seite 1

Lys Trp Asn Lys Trp Ala Leu Ser Arg Gly Lys Arg Glu Leu Arg Met  
35 40 45

Ser Ser Ser Tyr Pro Thr Gly Leu Ala Asp Val Lys Ala Gly Pro Ala  
50 55 60

Gln Thr Leu Ile Arg Pro Gln Asp Met Lys Gly Ala Ser Arg Ser Pro  
65 70 75 80

Glu Asp Ser Ser Pro Asp Ala Ala Arg Ile Arg Val Lys Arg Tyr Arg  
85 90 95

Gln Ser Met Asn Asn Phe Gln Gly Leu Arg Ser Phe Gly Cys Arg Phe  
100 105 110

Gly Thr Cys Thr Val Gln Lys Leu Ala His Gln Ile Tyr Gln Phe Thr  
115 120 125

Asp Lys Asp Lys Asp Asn Val Ala Pro Arg Ser Lys Ile Ser Pro Gln  
130 135 140

Gly Tyr Gly Arg Arg Arg Arg Arg Ser Leu Pro Glu Ala Gly Pro Gly  
145 150 155 160

Arg Thr Leu Val Ser Ser Lys Pro Gln Ala His Gly Ala Pro Ala Pro  
165 170 175

Pro Ser Gly Ser Ala Pro His Phe Leu  
180 185

<210> 3  
<211> 164  
<212> PRT  
<213> Homo sapiens

<400> 3

Ala Arg Leu Asp Val Ala Ser Glu Phe Arg Lys Lys Trp Asn Lys Trp  
1 5 10 15

Ala Leu Ser Arg Gly Lys Arg Glu Leu Arg Met Ser Ser Ser Tyr Pro  
20 25 30

Thr Gly Leu Ala Asp Val Lys Ala Gly Pro Ala Gln Thr Leu Ile Arg  
35 40 45

Pro Gln Asp Met Lys Gly Ala Ser Arg Ser Pro Glu Asp Ser Ser Pro  
50 55 60

Asp Ala Ala Arg Ile Arg Val Lys Arg Tyr Arg Gln Ser Met Asn Asn  
65 70 75 80

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Phe Gln Gly Leu Arg Ser Phe Gly Cys Arg Phe Gly Thr Cys Thr Val  
85 90 95

Gln Lys Leu Ala His Gln Ile Tyr Gln Phe Thr Asp Lys Asp Lys Asp  
100 105 110

Asn Val Ala Pro Arg Ser Lys Ile Ser Pro Gln Gly Tyr Gly Arg Arg  
115 120 125

Arg Arg Arg Ser Leu Pro Glu Ala Gly Pro Gly Arg Thr Leu Val Ser  
130 135 140

Ser Lys Pro Gln Ala His Gly Ala Pro Ala Pro Pro Ser Gly Ser Ala  
145 150 155 160

Pro His Phe Leu

<210> 4  
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<212> PRT  
<213> Homo sapiens

<400> 4

Glu Leu Arg Met Ser Ser Ser Tyr Pro Thr Gly Leu Ala Asp Val Lys  
1 5 10 15

Ala Gly Pro Ala Gln Thr Leu Ile Arg Pro Gln Asp Met Lys Gly Ala  
20 25 30

Ser Arg Ser Pro Glu Asp Ser Ser  
35 40

<210> 5  
<211> 52  
<212> PRT  
<213> Homo sapiens

<400> 5

Tyr Arg Gln Ser Met Asn Asn Phe Gln Gly Leu Arg Ser Phe Gly Cys  
1 5 10 15

Arg Phe Gly Thr Cys Thr Val Gln Lys Leu Ala His Gln Ile Tyr Gln  
20 25 30

Phe Thr Asp Lys Asp Lys Asp Asn Val Ala Pro Arg Ser Lys Ile Ser  
35 40 45

Pro Gln Gly Tyr  
50

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<210> 6  
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 <213> Homo sapiens

<400> 6

Met Asp Tyr Leu Leu Met Ile Phe Ser Leu Leu Phe Val Ala Cys Gln  
 1 5 10 15

Gly Ala Pro Glu Thr Ala Val Leu Gly Ala Glu Leu Ser Ala Val Gly  
 20 25 30

Glu Asn Gly Gly Glu Lys Pro Thr Pro Ser Pro Pro Trp Arg Leu Arg  
 35 40 45

Arg Ser Lys Arg Cys Ser Cys Ser Ser Leu Met Asp Lys Glu Cys Val  
 50 55 60

Tyr Phe Cys His Leu Asp Ile Ile Trp Val Asn Thr Pro Glu His Val  
 65 70 75 80

Val Pro Tyr Gly Leu Gly Ser Pro Arg Ser Lys Arg Ala Leu Glu Asn  
 85 90 95

Leu Leu Pro Thr Lys Ala Thr Asp Arg Glu Asn Arg Cys Gln Cys Ala  
 100 105 110

Ser Gln Lys Asp Lys Lys Cys Trp Asn Phe Cys Gln Ala Gly Lys Glu  
 115 120 125

Leu Arg Ala Glu Asp Ile Met Glu Lys Asp Trp Asn Asn His Lys Lys  
 130 135 140

Gly Lys Asp Cys Ser Lys Leu Gly Lys Lys Cys Ile Tyr Gln Gln Leu  
 145 150 155 160

Val Arg Gly Arg Lys Ile Arg Arg Ser Ser Glu Glu His Leu Arg Gln  
 165 170 175

Thr Arg Ser Glu Thr Met Arg Asn Ser Val Lys Ser Ser Phe His Asp  
 180 185 190

Pro Lys Leu Lys Gly Lys Pro Ser Arg Glu Arg Tyr Val Thr His Asn  
 195 200 205

Arg Ala His Trp  
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<210> 7  
 <211> 195  
 <212> PRT  
 <213> Homo sapiens

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<400> 7

Ala Pro Glu Thr Ala Val Leu Gly Ala Glu Leu Ser Ala Val Gly Glu  
1 5 10 15

Asn Gly Gly Glu Lys Pro Thr Pro Ser Pro Pro Trp Arg Leu Arg Arg  
20 25 30

Ser Lys Arg Cys Ser Cys Ser Ser Leu Met Asp Lys Glu Cys Val Tyr  
35 40 45

Phe Cys His Leu Asp Ile Ile Trp Val Asn Thr Pro Glu His Val Val  
50 55 60

Pro Tyr Gly Leu Gly Ser Pro Arg Ser Lys Arg Ala Leu Glu Asn Leu  
65 70 75 80

Leu Pro Thr Lys Ala Thr Asp Arg Glu Asn Arg Cys Gln Cys Ala Ser  
85 90 95

Gln Lys Asp Lys Lys Cys Trp Asn Phe Cys Gln Ala Gly Lys Glu Leu  
100 105 110

Arg Ala Glu Asp Ile Met Glu Lys Asp Trp Asn Asn His Lys Lys Gly  
115 120 125

Lys Asp Cys Ser Lys Leu Gly Lys Lys Cys Ile Tyr Gln Gln Leu Val  
130 135 140

Arg Gly Arg Lys Ile Arg Arg Ser Ser Glu Glu His Leu Arg Gln Thr  
145 150 155 160

Arg Ser Glu Thr Met Arg Asn Ser Val Lys Ser Ser Phe His Asp Pro  
165 170 175

Lys Leu Lys Gly Lys Pro Ser Arg Glu Arg Tyr Val Thr His Asn Arg  
180 185 190

Ala His Trp  
195

<210> 8

<211> 21

<212> PRT

<213> Homo sapiens

<400> 8

Cys Ser Cys Ser Ser Leu Met Asp Lys Glu Cys Val Tyr Phe Cys His  
1 5 10 15

Leu Asp Ile Ile Trp  
20

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<210> 9  
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 <212> PRT  
 <213> Homo sapiens

<400> 9

Arg Ser Ser Glu Glu His Leu Arg Gln Thr Arg Ser Glu Thr Met Arg  
 1 5 10 15

Asn Ser Val Lys Ser Ser Phe His Asp Pro Lys Leu Lys Gly Lys Pro  
 20 25 30

Ser Arg Glu Arg Tyr Val Thr His Asn Arg Ala His Trp  
 35 40 45

<210> 10  
 <211> 38  
 <212> PRT  
 <213> Homo sapiens

<400> 10

Cys Ser Cys Ser Ser Leu Met Asp Lys Glu Cys Val Tyr Phe Cys His  
 1 5 10 15

Leu Asp Ile Ile Trp Val Asn Thr Pro Glu His Val Val Pro Tyr Gly  
 20 25 30

Leu Gly Ser Pro Arg Ser  
 35

<210> 11  
 <211> 164  
 <212> PRT  
 <213> Homo sapiens

<400> 11

Met Pro Asp Thr Met Leu Pro Ala Cys Phe Leu Gly Leu Leu Ala Phe  
 1 5 10 15

Ser Ser Ala Cys Tyr Phe Gln Asn Cys Pro Arg Gly Gly Lys Arg Ala  
 20 25 30

Met Ser Asp Leu Glu Leu Arg Gln Cys Leu Pro Cys Gly Pro Gly Gly  
 35 40 45

Lys Gly Arg Cys Phe Gly Pro Ser Ile Cys Cys Ala Asp Glu Leu Gly  
 50 55 60

Cys Phe Val Gly Thr Ala Glu Ala Leu Arg Cys Gln Glu Glu Asn Tyr  
 65 70 75 80

Leu Pro Ser Pro Cys Gln Ser Gly Gln Lys Ala Cys Gly Ser Gly Gly  
 85 90 95

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Arg Cys Ala Ala Phe Gly Val Cys Cys Asn Asp Glu Ser Cys Val Thr  
100 105 110

Glu Pro Glu Cys Arg Glu Gly Phe His Arg Arg Ala Arg Ala Ser Asp  
115 120 125

Arg Ser Asn Ala Thr Gln Leu Asp Gly Pro Ala Gly Ala Leu Leu Leu  
130 135 140

Arg Leu Val Gln Leu Ala Gly Ala Pro Glu Pro Phe Glu Pro Ala Gln  
145 150 155 160

Pro Asp Ala Tyr

<210> 12  
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<212> PRT  
<213> Homo sapiens

<400> 12

Cys Tyr Phe Gln Asn Cys Pro Arg Gly Gly Lys Arg Ala Met Ser Asp  
1 5 10 15

Leu Glu Leu Arg Gln Cys Leu Pro Cys Gly Pro Gly Gly Lys Gly Arg  
20 25 30

Cys Phe Gly Pro Ser Ile Cys Cys Ala Asp Glu Leu Gly Cys Phe Val  
35 40 45

Gly Thr Ala Glu Ala Leu Arg Cys Gln Glu Glu Asn Tyr Leu Pro Ser  
50 55 60

Pro Cys Gln Ser Gly Gln Lys Ala Cys Gly Ser Gly Gly Arg Cys Ala  
65 70 75 80

Ala Phe Gly Val Cys Cys Asn Asp Glu Ser Cys Val Thr Glu Pro Glu  
85 90 95

Cys Arg Glu Gly Phe His Arg Arg Ala Arg Ala Ser Asp Arg Ser Asn  
100 105 110

Ala Thr Gln Leu Asp Gly Pro Ala Gly Ala Leu Leu Leu Arg Leu Val  
115 120 125

Gln Leu Ala Gly Ala Pro Glu Pro Phe Glu Pro Ala Gln Pro Asp Ala  
130 135 140

Tyr  
145

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<210> 13  
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 <212> PRT  
 <213> Homo sapiens

<400> 13

Cys Tyr Phe Gln Asn Cys Pro Arg Gly  
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<210> 14  
 <211> 39  
 <212> PRT  
 <213> Homo sapiens

<400> 14

Ala Ser Asp Arg Ser Asn Ala Thr Gln Leu Asp Gly Pro Ala Gly Ala  
 1 5 10 15

Leu Leu Leu Arg Leu Val Gln Leu Ala Gly Ala Pro Glu Pro Phe Glu  
 20 25 30

Pro Ala Gln Pro Asp Ala Tyr  
 35