

SEQUENCE LISTING

<110> OPKO Diagnostics, LLC
 <120> COMPOSITIONS AND METHODS RELATED TO DIAGNOSIS OF PROSTATE CANCER
 <130> SP100102GA
 <150> US 61/972,099
 <151> 2014-03-28
 <160> 5
 <170> PatentIn version 3.5
 <210> 1
 <211> 119
 <212> PRT
 <213> Artificial Sequence
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 <223> Synthetic Polypeptide
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Glu Val Gln Leu Val Glu Ser Gly Pro Gly Ile Leu Gln Pro Ser Gln
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Thr Leu Ser Leu Thr Cys Ser Phe Ser Gly Phe Ser Leu Ser Thr Thr
 20 25 30

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

Trp Leu Ala His Leu Tyr Trp Asp Glu Asp Lys Arg Tyr Asn Pro Ser
 50 55 60

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

Phe Leu Lys Ile Thr Ser Val Gly Pro Ala Asp Ser Ala Thr Tyr Tyr
 85 90 95

Cys Ala Arg Lys Gly Tyr Tyr Gly Tyr Phe Asp Tyr Trp Gly Gln Gly
 100 105 110

Thr Ala Leu Thr Val Ser Ser
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Asp Ile Val Met Thr Gln Ser Gln Lys Phe Met Ser Thr Ser Val Gly
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Asp Arg Val Ser Val Thr Cys Lys Ala Ser Gln Asn Val Asn Thr Asp
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Val Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Lys Ala Leu Ile
35 40 45

Phe Ser Thr Ser Tyr Arg Ser Ser Gly Val Pro Asp Arg Phe Thr Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Thr Asn Val Gln Ser
65 70 75 80

Glu Asp Leu Ala Glu Tyr Phe Cys Gln Gln Tyr Ser Asn Tyr Pro Leu
85 90 95

Thr Phe Gly Ala Gly Thr Lys Val Asp Leu Asn
100 105

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Ile Val Gly Gly Trp Glu Cys Glu Lys His Ser Gln Pro Trp Gln Val
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Leu Val Ala Ser Arg Gly Arg Ala Val Cys Gly Gly Val Leu Val His
20 25 30

Pro Gln Trp Val Leu Thr Ala Ala His Cys Ile Arg Asn Lys Ser Val
35 40 45

Ile Leu Leu Gly Arg His Ser Leu Phe His Pro Glu Asp Thr Gly Gln
50 55 60

Val Phe Gln Val Ser His Ser Phe Pro His Pro Leu Tyr Asp Met Ser
65 70 75 80

Leu Leu Lys Asn Arg Phe Leu Arg Pro Gly Asp Asp Ser Ser His Asp
85 90 95

Leu Met Leu Leu Arg Leu Ser Glu Pro Ala Glu Leu Thr Asp Ala Val
100 105 110

Lys Val Met Asp Leu Pro Thr Gln Glu Pro Ala Leu Gly Thr Thr Cys
115 120 125

Tyr Ala Ser Gly Trp Gly Ser Ile Glu Pro Glu Glu Phe Leu Thr Pro

130 135 140
 Lys Lys Leu Gln Cys Val Asp Leu His Val Ile Ser Asn Asp Val Cys
 145 150 155 160
 Ala Gln Val His Pro Gln Lys Val Thr Lys Phe Met Leu Cys Ala Gly
 165 170 175
 Arg Trp Thr Gly Gly Lys Ser Thr Cys Ser Gly Asp Ser Gly Gly Pro
 180 185 190
 Leu Val Cys Asn Gly Val Leu Gln Gly Ile Thr Ser Trp Gly Ser Glu
 195 200 205
 Pro Cys Ala Leu Pro Glu Arg Pro Ser Leu Tyr Thr Lys Val Val His
 210 215 220
 Tyr Arg Lys Trp Ile Lys Asp Thr Ile Val Ala Asn Pro
 225 230 235

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 <212> PRT
 <213> Homo sapiens

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 Ile Val Gly Gly Trp Glu Cys Glu Lys His Ser Gln Pro Trp Gln Val
 1 5 10 15
 Ala Val Tyr Ser His Gly Trp Ala His Cys Gly Gly Val Leu Val His
 20 25 30
 Pro Gln Trp Val Leu Thr Ala Ala His Cys Leu Lys Lys Asn Ser Gln
 35 40 45
 Val Trp Leu Gly Arg His Asn Leu Phe Glu Pro Glu Asp Thr Gly Gln
 50 55 60
 Arg Val Pro Val Ser His Ser Phe Pro His Pro Leu Tyr Asn Met Ser
 65 70 75 80
 Leu Leu Lys His Gln Ser Leu Arg Pro Asp Glu Asp Ser Ser His Asp
 85 90 95
 Leu Met Leu Leu Arg Leu Ser Glu Pro Ala Lys Ile Thr Asp Val Val
 100 105 110
 Lys Val Leu Gly Leu Pro Thr Gln Glu Pro Ala Leu Gly Thr Thr Cys
 115 120 125
 Tyr Ala Ser Gly Trp Gly Ser Ile Glu Pro Glu Glu Phe Leu Arg Pro
 130 135 140

Arg Ser Leu Gln Cys Val Ser Leu His Leu Leu Ser Asn Asp Met Cys
145 150 155 160

Ala Arg Ala Tyr Ser Glu Lys Val Thr Glu Phe Met Leu Cys Ala Gly
165 170 175

Leu Trp Thr Gly Gly Lys Asp Thr Cys Gly Gly Asp Ser Gly Gly Pro
180 185 190

Leu Val Cys Asn Gly Val Leu Gln Gly Ile Thr Ser Trp Gly Pro Glu
195 200 205

Pro Cys Ala Leu Pro Glu Lys Pro Ala Val Tyr Thr Lys Val Val His
210 215 220

Tyr Arg Lys Trp Ile Lys Asp Thr Ile Ala Ala Asn Pro
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Ser Cys Pro His His His His His His
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