SEQUENCE LISTING
<110> Pacific Edge Limited
<120> Triaging of Patients Having Asymptomatic Hematuria Using Genotypic and Phenotypic Biomarkers
<130> PEBL 1028 WO1
<160> 17
<170> Patent In version 3.5
<210> 1
<211> 360
<212> PRT
<213> Human

<400> 1
Met Glu Asp Phe Asn Met Glu Ser Asp Ser Phe Glu Asp Phe Trp Lys
1 5 10 15
Gly Glu Asp Leu Ser Asn Tyr Ser Tyr Ser Ser Thr Leu Pro Pro Phe
20 25 30
Leu Leu Asp Ala Ala Pro Cys Glu Pro Glu Ser Leu Glu Ile Asn Lys
35 40 45
Tyr Phe Val Val Ile Ile Tyr Ala Leu Val Phe Leu Leu Ser Leu Leu
50 55 60
Gly Asn Ser Leu Val Met Leu Val Ile Leu Tyr Ser Arg Val Gly Arg
65 70 75 80
Ser Val Thr Asp Val Tyr Leu Leu Asn Leu Ala Leu Ala Asp Leu Leu
85 90 95
Phe Ala Leu Thr Leu Pro Ile Trp Ala Ala Ser Lys Val Asn Gly Trp
100 105 110
Ile Phe Gly Thr Phe Leu Cys Lys Val Val Ser Leu Leu Lys Glu Val
115 120 125
Asn Phe Tyr Ser Gly Ile Leu Leu Leu Ala Cys Ile Ser Val Asp Arg
130 135 140
Tyr Leu Ala Ile Val His Ala Thr Arg Thr Leu Thr Gln Lys Arg Tyr
145 150 155 160
Leu Val Lys Phe Ile Cys Leu Ser Ile Trp Gly Leu Ser Leu Leu Leu
165 170 175
Ala Leu Pro Val Leu Leu Phe Arg Arg Thr Val Tyr Ser Ser Asn Val
180 185 190
Ser Pro Ala Cys Tyr Glu Asp Met Gly Asn Asn Thr Ala Asn Trp Arg
195 200 205
Met Leu Leu Arg Ile Leu Pro Gln Ser Phe Gly Phe Ile Val Pro Leu
210 215 220
Leu Ile Met Leu Phe Cys Tyr Gly Phe Thr Leu Arg Thr Leu Phe Lys
225 230 235 240
Ala His Met Gly Gln Lys His Arg Ala Met Arg Val Ile Phe Ala Val
245 250 255
Val Leu Ile Phe Leu Leu Cys Trp Leu Pro Tyr Asn Leu Val Leu Leu
260 265 270
Ala Asp Thr Leu Met Arg Thr Gln Val Ile Gln Glu Thr Cys Glu Arg
275 280 285
Arg Asn His Ile Asp Arg Ala Leu Asp Ala Thr Glu Ile Leu Gly Ile
290 295 300
Leu His Ser Cys Leu Asn Pro Leu Ile Tyr Ala Phe Ile Gly Gln Lys
305 310 315 320
Phe Arg His Gly Leu Leu Lys Ile Leu Ala Ile His Gly Leu Ile Ser
325 330 335
Lys Asp Ser Leu Pro Lys Asp Ser Arg Pro Ser Phe Val Gly Ser Ser
340 345 350
Ser Gly His Thr Ser Thr Thr Leu
355 360

<210> 2
<211> 2880
<212> DNA

<213> Human

<400> 2
aggttcaaaa cattcagaga cagaaggtgg atagacaaat ctccaccttc agactggtag 60

gctcctccag aagccatcag acaggaagat gtgaaaatcc ccagcactca tcccagaatc 120
actaagtggc acctgtcctg ggccaaagtc ccaggacaga cctcattgtt cctctgtggg 180
aatacctccc caggagggca tcctggattt ccccccttgca acccaggtca gaagtttcat 240
cgtcaaggtt gtttcatctt ttttttcctg tctaacagct ctgactacca cccaaccttg 300
aggcacagtg aagacatcgg tggccactcc aataacagca ggtcacagct gctcttctgg 360
aggtgtccta caggtgaaaa gcccagcgac ccagtcagga tttaagttta cctcaaaaat 420
ggaagatttt aacatggaga gtgacagctt tgaagatttc tggaaaggtg aagatcttag 480
taattacagt tacagctcta ccctgccccc ttttctacta gatgccgccc catgtgaacc 540
agaatccctg gaaatcaaca agtattttgt ggtcattatc tatgccctgg tattcctgct 600
gagcctgctg ggaaactccc tcgtgatgct ggtcatctta tacagcaggg tcggccgctc 660
cgtcactgat gtctacctgc tgaacctagc cttggccgac ctactctttg ccctgacctt 720
gcccatctgg gccgcctcca aggtgaatgg ctggattttt ggcacattcc tgtgcaaggt 780
ggtctcactc ctgaaggaag tcaacttcta tagtggcatc ctgctactgg cctgcatcag 840
tgtggaccgt tacctggcca ttgtccatgc cacacgcaca ctgacccaga agcgctactt 900
ggtcaaattc atatgtctca gcatctgggg tctgtccttg ctcctggccc tgcctgtctt 960
acttttccga aggaccgtct actcatccaa tgttagccca gcctgctatg aggacatggg 1020
caacaataca gcaaactggc ggatgctgtt acggatcctg ccccagtcct ttggcttcat 1080
cgtgccactg ctgatcatgc tgttctgcta cggattcacc ctgcgtacgc tgtttaaggc 1140
ccacatgggg cagaagcacc gggccatgcg ggtcatcttt gctgtcgtcc tcatcttcct 1200
gctctgctgg ctgccctaca acctggtcct gctggcagac accctcatga ggacccaggt 1260
gatccaggag acctgtgagc gccgcaatca catcgaccgg gctctggatg ccaccgagat 1320
tctgggcatc cttcacagct gcctcaaccc cctcatctac gccttcattg gccagaagtt 1380
tcgccatgga ctcctcaaga ttctagctat acatggcttg atcagcaagg actccctgcc 1440
caaagacagc aggccttcct ttgttggctc ttcttcaggg cacacttcca ctactctcta 1500
agacctcctg cctaagtgca gccccgtggg gttcctccct tctcttcaca gtcacattcc 1560
aagcctcatg tccactggtt cttcttggtc tcagtgtcaa tgcagccccc attgtggtca 1620
caggaagtag aggaggccac gttcttacta gtttcccttg catggtttag aaagcttgcc 1680
ctggtgcctc acccccttgcc ataattacta tgtcatttgc tggagctctg cccatcctgc 1740
ccctgagccc atggcactct atgttctaag aagtgaaaat ctacactcca gtgagacagc 1800
tctgcatact cattaggatg gctagtatca aaagaaagaa aatcaggctg gccaacgggg 1860
tgaaaccctg tctctactaa aaatacaaaa aaaaaaaaaa attagccggg cgtggtggtg 1920
agtgcctgta atcacagcta cttgggaggc tgagatggga gaatcacttg aacccgggag 1980
gcagaggttg cagtgagccg agattgtgcc cctgcactcc agcctgagcg acagtgagac 2040
tctgtctcag tccatgaaga tgtagaggag aaactggaac tctcgagcgt tgctgggggg 2100
gattgtaaaa tggtgtgacc actgcagaag acagtatggc agctttcctc aaaacttcag 2160
acatagaatt aacacatgat cctgcaattc cacttatagg aattgaccca caagaaatga 2220
aagcagggac ttgaacccat atttgtacac caatattcat agcagcttat tcacaagacc 2280
caaaaggcag aagcaaccca aatgttcatc aatgaatgaa tgaatggcta agcaaaatgt 2340
gatatgtacc taacgaagta tccttcagcc tgaaagagga atgaagtact catacatgtt 2400
acaacacgga cgaaccttga aaactttatg ctaagtgaaa taagccagac atcaacagat 2460
aaatagttta tgattccacc tacatgaggt actgagagtg aacaaattta cagagacaga 2520
aagcagaaca gtgattacca gggactgagg ggaggggagc atgggaagtg acggtttaat 2580
gggcacaggg tttatgttta ggatgttgaa aaagttctgc agataaacag tagtgatagt 2640
tgtaccgcaa tgtgacttaa tgccactaaa ttgacactta aaaatggttt aaatggtcaa 2700
ttttgttatg tatattttat atcaatttaa aaaaaaacct gagccccaaa aggtatttta 2760
atcaccaagg ctgattaaac caaggctaga accacctgcc tatatttttt gttaaatgat 2820
ttcattcaat atctttttt taataaacca tttttacttg ggtgtttata aaaaaaaaaa 2880

<210> 3
<211> 18
<212> DNA
<213> Synthetic

<400> 3
tgcaccccca agaccaaa 18

<210> 4
<211> 26

<212> DNA
<213> Synthetic

<400> 4
tgattaaagc taacgagcag acagaa 26

<210> 5
<211> 26
<212> DNA
<213> Synthetic

<400> 5
ccttcccttt cttggctttg gccttt 26

<210> 6
<211> 22
<212> DNA
<213> Synthetic

<400> 6
cgttgtacct gcccaattgt ga 22

<210> 7
<211> 20
<212> DNA
<213> Synthetic

<400> 7
gggacgcatc actcaacgtt 20

<210> 8
<211> 27
<212> DNA
<213> Synthetic

<400> 8
aagagaaagc agtgcaaacc ttcccgt 27

<210> 9
<211> 16
<212> DNA
<213> Synthetic

<400> 9
gccgccgcgg aataat 16

<210> 10
<211> 28
<212> DNA
<213> Synthetic

<400> 10
tgtctaccct tatacacaac tccatagg 28

<210> 11
<211> 31
<212> DNA
<213> Synthetic

<400> 11
agccgggatc taccataccc attgactaac t 31

<210> 12

<211> 20
<212> DNA
<213> Synthetic

<400> 12
tggaacggcc aaatgtactg 20

<210> 13
<211> 20
<212> DNA
<213> Synthetic

<400> 13
tggcgtattc ccgttcaagt 20

<210> 14
<211> 23
<212> DNA
<213> Synthetic

<400> 14
actctgcccg acgtggtctc cca 23

<210> 15
<211> 23
<212> DNA
<213> Synthetic

<400> 15
ccttgaggca cagtgaagac atc 23

<210> 16
<211> 23
<212> DNA
<213> Synthetic

<400> 16
cctgtaggac acctccagaa gag 23

<210> 17
<211> 27
<212> DNA
<213> Synthetic

<400> 17
tggccactcc aataacagca ggtcaca 27