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<130> B0573WO

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<170> PatentIn version 3.3

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Pro Tyr His Tyr Leu Ile Ile Ile Val Val Leu Val Ile Ile Leu Ala
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cccttctgcc ccatctaata aactcccacc caccctcaca agaaatgatc acttccttcc 120
agaattctta ccagcagagt ctgggcagac tatatatgag agcaccaggg aaacacctaac 180
aaaatgattt atcccaagac tgtaaataatg ctttgatcat cagtactcta ccatatcaat 240
agcgtaatta aataaaatgg cagtctctat ggaggctgga aagacatttg gtaaaattaa 300
rcagcaattc tgatTTTTTTT caaaccttt tagaatagta agctgtgttc ttgatgatga 360
gaatttctat atgaaaccaa aagtgaatgc cattgctaag agtgacactt tggaggcctt 420
ccccagaaat caaatcagga ccaaacacc tgccttcctt aagcacagct gaatattgtt 480
ctgaaaggtc tggcctaggc aacaagatgg aaaattaaaa tgaggcaaga cttttggaag 540
agggcagaca caataatcat tattttcaac gtcattttaa acccctaaga tgaaactaca 600
a 601

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<210> 8
<211> 655
<212> DNA
<213> homo sapiens

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<220>
<221> miscfeature
<222> (245)..(245)
<223> SNP294=C/T

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<400> 8
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agtttttatc ctggaagctt cctttttcac actgacacac ggtgtctctg gtcgtggtac 180
aggaactttt atttgtttga cctgacaaca gagcataagg ttttgagaat gtgtttccct 240
gacaygtctg tccacccttc ctcaccaccc catccctcc cactcagctc aactcagttc 300
accaaggagt tctgagggct ggtttctgca ccagcacact cgggactcat acaggacacc 360
cacctgtat gtaaggacca atacaaaagg accgtgattc attatattt atctcaggtt 420
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tgagagactc tgcaaggaga ggggcccttg ggggacttcc caaaagcccc ggccttgctg 540
gggaagagga aggggcctga gaacctgaag gctaagtga gccaagccac ctttcaggag 600
cacagagccc gggaggagag aacctggcca cggagcagac ctgtgccact gctgg 655

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<210> 9
<211> 401
<212> DNA
<213> homo sapiens

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<220>
<221> miscfeature
<222> (201)..(201)
<223> SNP295=A/G

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<400> 9
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tcaccacaga attcccagag gctgacaatg gctggcaaat ttctcttttg gccctcagtg 180
gaatccagac agagaaatct rctcttcttg gcttggctct gtcatcaatt ctgcatctat 240
tacactatta catacctttg actggcactg ctgacagaaa tataatacaa atcacatgca 300
aaattcaaat tctatgaaag ccacattaaa atagtacaaa gaatgaggtc aaattaattt 360
taactatttt ttagcctaaa aatatccaaa acactacatt t 401

```

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<210> 10
<211> 701
<212> DNA
<213> homo sapiens

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<220>
<221> miscfeature
<222> (501)..(501)
<223> SNP296=A/G

```

```

<400> 10
gggcgacaga gcaagactct gtctcaaaaa aaaaaaaaaa aaagaaaaga aaagaaaaga 60

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tggagggcaa tggcgcgacc ttggctcact gcaacctcca cctcccagggt tcaagcgatt 180
ctcctgcctc agcctcctga gtagctggga ttacaggcac ccaccaccac gccagctaa 240
ttttttgtat tcttagttga cacggtgtat catcatattg gccaggctgg tctccaactc 300
ctgacctcag gtgatccacc ctctcggct tcccaaagtg ctgggattac aggcgtgagc 360
caccatgcc a cgcctcct actttttttt ttttttaaca ataaaataaa ataacaaaat 420
aaaatccaac ctcatctaca tgtgatctgc ccatgctggt ccacctgacc tgtttgctgt 480
ccactcacta tgggtggcccc rtctctgctc ggtatcccc agcgctgca ccctgggact 540
gtcattccta gggaggctgc tcaggagcac catttctggc tctctgcaca actatccctg 600
tccagctttg gagactggcc aaaatcacca tccccgagag gccccaccaa cctcgtctct 660
gtctcactca tcaacttaatt tcttcatggt tcctatcagg a 701

```

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<210> 11
<211> 4785
<212> DNA
<213> homo sapiens

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<220>
<221> miscfeature
<222> (1190)..(1190)
<223> SNP297=A/T

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<400> 11
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aacagaagtc tggaaacaca tagagataag ggcatgataa aggcatgata agctaagata 180
tcagtcttag cttgtgcctt cgggctagca ctacagaccc aggatcctga cccacctcca 240
tagattcagc ttccagatct gtccatagtgc caggtcagtc cccatgaact caggctccag 300
gcccttcctt gtggacccaa ggatgagacc catcacagca cctggctgac atctgcagac 360
ccaagtacaa ggcctattcc agtgccagtt cagccctcat ggagccagga ctcaggtcac 420
ctctctggat actggctctg accacccttg aaccacacca catggcctgc ccagaatctg 480
tgaacaggct gactggtgaa gggcgttccc tgacaaagcc agtctgtaaa tactggatta 540
agtccctgct tcttcaaagt gcacattcca acatattgcc acaggctcct gagcaatcag 600
ggaacagtga cggcaccaaa gaaacaaaat gaagcacaag taaccaaccc gaaaggaata 660
gacatttaca acagcctgac aaagacttga aaacagtcac cttacagaag ctcagtcagc 720
tactagagaa tatggataga caactaagtc atgtcaggaa aacaatacat gaacaaaatg 780

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agtagtthta	tatacacaga	caacataata	aagaagaaag	cagaaattct	aaaattaaca	840
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tcggaagaaa	gaatcagtga	gcttgaaaac	agatcatttg	aaattaccaa	gtcacaggaa	960
gaaaaaaaaa	ataaagaatg	aaaaagagg	aagaaagcca	acagtaccaa	cggttactgt	1020
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ccttctattc acaggggaata tattccatgg aacaaactct gcacttacac aagtcctga 4500
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tttatctact ttatttgaca tggtatcatt ttcattatct tttccacata tttttgatct 4680
gtgttggttg caaccacgga tgcaacaccc acagatgagg atggctacag aaccacag 4740
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<210> 12
<211> 641
<212> DNA
<213> homo sapiens

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<220>
<221> miscfeature
<222> (441)..(441)
<223> SNP298=C/T

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<400> 12
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tacaggcaca tgtgtgaact aggtgtgagt gtaagctgag ttcaatggtc ttttggaaga 120
aaattcgtaa acatctaaag aaacttctga aatgatttat cccacggaag tagaagtaaa 180
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atatcccatc gggatgggat ataaccagct gcctctagat ggcaacagtg aattaacctg 360
tggtttaccc atgtagtaaa atacaatacc cttgttttaa agaaaatcaa tctgaatgta 420
ctgccataaa acatctaatt ygatttgtgc tagctccaaa attttaaaaa gcaactgtgc 480
attgaaatgc atttaataag gcaagattga tggagggatc aaagcctcct ttgggacgca 540
tagagttcac attcccaaaa ctgtgaaatt caggttgctg gtcttgtcta cacaggtcat 600
ccacacattc tctcttcagg gccactgtcc tgacacagcc a 641

```

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<210> 13
<211> 1001
<212> DNA
<213> homo sapiens

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<220>
<221> miscfeature
<222> (501)..(501)
<223> SNP299=G/T

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<400> 13

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ttggaataaa aaatcagtag aaagttggct gggcacagtg gcttatgcct gtaatccagc	180
atatttggag gctgaggcgg gtggatcaac tgaggtcagg agttcaagac caacctggcc	240
aacatggcaa aaccccatct ctactaaaaa tataaaaatt agctgggcat ggtggcaggt	300
gcctgtaatc ccagctactt gggaggctga ggcaggagaa tcgcttgaac caggagggca	360
gagattgcag tgagccaaga tcacgccatt gcactccagc ctgggcaaca agagcaaac	420
accatctcaa aaaaaaaaaa aaagaaaagt ctactttta aaattactgc ttaaccaag	480
tgaatgtcac ttagttatgg kaaacacaac taaagcaatt ttagagaaat tctagtcagt	540
ataaatttct gaagggaag gccaatcttt cctgaatatt aaaactttgt gccgtatca	600
cagtttttct tcattgccta aagaaaagga tctgaaacca acttaaattg atggaattga	660
atctccatga aaagaaatgc catttgaaca tttctcctct cacttgcttt ttcagataac	720
aaaatcaata atgttctttt tctgctggac ttgtaagcct tttttttta acaggaagct	780
taaagttctt ctatctctct agatcatcag agctaagcaa aaccaatcca attttaaatg	840
gctggtgtgc tctctcgatt ttgcaggttt gaccaaggta gcttaggaag ttaggtaaa	900
tagagcaaat gataaatggt tggaaatgca taggaaacaa aatggctggt catagaacca	960
aatacaagcc ttccattaga aactaaaaca cggccgggca c	1001