

pctgb2016052802-seq1
SEQUENCE LISTING

<110> Oxford University Innovation Limited

<120> Treatment of retinitis pigmentosa

<130> P107084PCT

<150> GB 1516066.6

<151> 2015-09-10

<160> 14

<170> PatentIn version 3.5

<210> 1

<211> 1152

<212> PRT

<213> Homo sapiens

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Val Val Thr Gly Asn Asn Lys Leu Tyr Met Phe Gly Ser Asn Asn Trp
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Gly Gln Leu Gly Leu Gly Ser Lys Ser Ala Ile Ser Lys Pro Thr Cys
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Val Lys Ala Leu Lys Pro Glu Lys Val Lys Leu Ala Ala Cys Gly Arg
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Asn His Thr Leu Val Ser Thr Glu Gly Gly Asn Val Tyr Ala Thr Gly
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Leu Phe Met Trp Gly Asp Asn Ser Glu Gly Gln Ile Gly Leu Lys Asn
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Val Ser Asn Val Cys Val Pro Gln Gln Val Thr Ile Gly Lys Pro Val
180 185 190

Ser Trp Ile Ser Cys Gly Tyr Tyr His Ser Ala Phe Val Thr Thr Asp
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Gly Glu Leu Tyr Val Phe Gly Glu Pro Glu Asn Gly Lys Leu Gly Leu
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Pro Asn Gln Leu Leu Gly Asn His Arg Thr Pro Gln Leu Val Ser Glu
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Ile Pro Glu Lys Val Ile Gln Val Ala Cys Gly Gly Glu His Thr Val
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Gln Leu Gly Leu Gly Thr Phe Leu Phe Glu Thr Ser Glu Pro Lys Val
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Asn His Thr Ala Leu Ile Thr Asp Ile Gly Leu Met Tyr Thr Phe Gly
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Asp Gly Arg His Gly Lys Leu Gly Leu Gly Leu Glu Asn Phe Thr Asn
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Arg Gly Val Ala Lys Glu Ile Glu Phe Asp Glu Ile Asn Asp Thr Cys
370 375 380

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Val Leu Gln Arg Thr Leu Ser Ala Arg Met Arg Arg Arg Glu Arg Glu
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Arg Ser Pro Asp Ser Phe Ser Met Arg Arg Thr Leu Pro Pro Ile Glu
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<210> 6
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 <212> DNA
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<220>
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 <212> DNA
 <213> Artificial Sequence

<220>
 <223> a preferred RPGRORF15-encoding nucleotide sequence

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 aagatcaagc agctgagcgc tggctccaac acatctgcag ccctgactga ggacgggcgc 480
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catagcgctt tcgtgaccac agatggcgag ctgtacgtct ttggggagcc cgaaaacgga	660
aaactgggccc tgcctaacca gctgctgggc aatcaccgga caccagct ggtgtccgag	720
atccctgaaa aagtgatcca ggtcgctgc gggggagagc atacagtggt cctgactgag	780
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<211> 456

<212> DNA

<213> Artificial Sequence

<220>

<223> deletion sequence

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gaagagggggg aggagggcga gggggaaggc gaggagggaag aaggagagggg ggaaggcgaa	180
gaggaaggcg agggggaagg agaggaggaa gaaggggaag gcgaaggcga agaggaggga	240
gaaggagagg gggagggaaga ggaaggagaa ggggaaggcg aggagggaagg cgaagaggga	300
gaggggggaag gcgagggaaga ggaaggcgag ggcgaaggag aggacggcga gggcgaggga	360
gaagaggagg aaggggaatg ggaaggcgaa gaagagggaag gcgaaggcga aggcgaagaa	420
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 <211> 2517
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> a preferred RPGRORF15-encoding nucleotide sequence

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tcttgtggcg atgagcatag tgccgtggtc actgggaaca ataagctgta catgttcggg	180
tccaacaact ggggacagct ggggctggga tccaaatctg ctatctctaa gccaacctgc	240
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gaggaaaacg agcggcagga tggcgaggaa tataagaaag tgagcaagat caaaggatcc	2340
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<210> 12
 <211> 942
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> deletion sequence

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ggcgagggag aagaggaaga gggcgataga gaagaggaag aggaaaaaga aggcgaaggg	180
aaggaggaag gagagggcga ggaagtggaa ggcgagaggg aaaaggagga aggagaacgg	240
aagaaagagg aaagagccgg caaagaggaa aagggcgagg aagagggcga tcagggcgaa	300
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gaaggagaag ggaagggcga ggaggaaggc gaagagggag agggggaagg cgaggaagag	720
gaaggcgagg gcgaaggaga ggacggcgag ggcgagggag aagaggagga aggggaatgg	780

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<210> 13
 <211> 3081
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> a preferred RPGRORF15-encoding nucleotide sequence

<400> 13	
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<210> 14
 <211> 378
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> deletion sequence

<400> 14	
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gaggaggaag gcgaagaggg agagggggaa ggcgagggaag aggaaggcga gggcgaagga	240
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