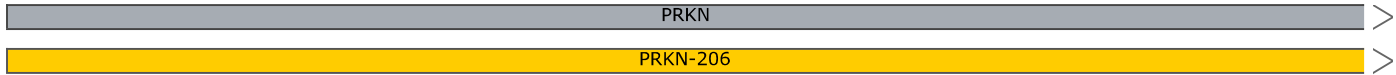


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5507 bp

5'
3'

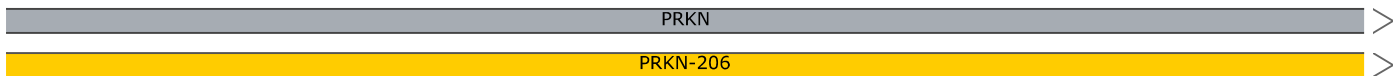
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85



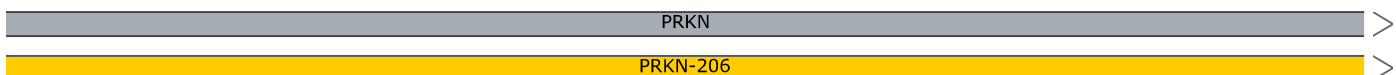
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170



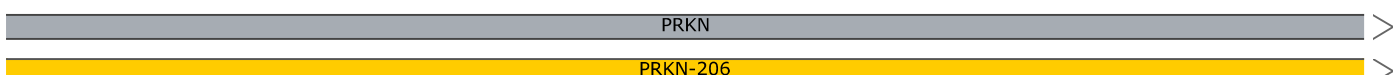
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255



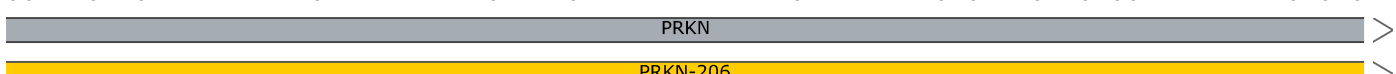
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340



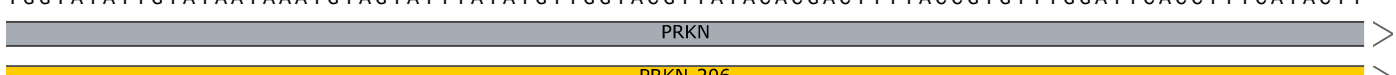
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425



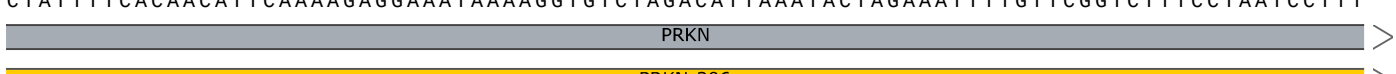
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510



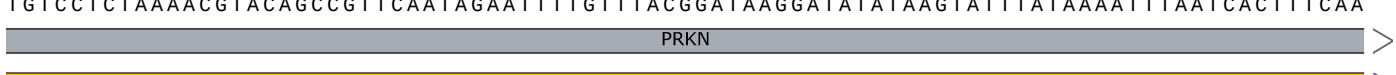
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595



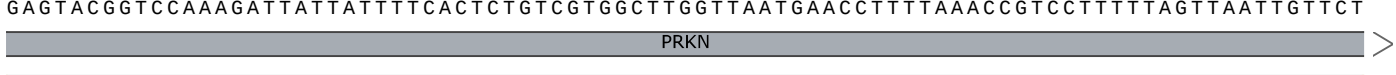
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680



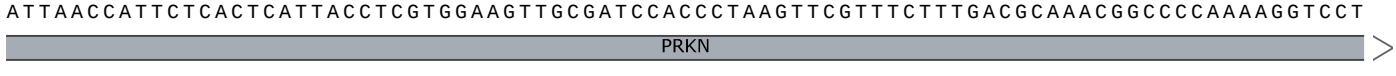
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765



TAATTGGTAAGAGTGAGTAATGGAGCACCTTCAACGCTAGGTGGGATTCAAGCAAAGAACTGCGTTTGCAGGGGTTTTCCAGGA
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850



AATTTGGACAGAAACAGTTCTCTGTACATCCTCATACAAATCACTTCCCTCCTCCCTTCAGTTCCCCCACAGCGACTGAAGCAGGG
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935

PRKN

PRKN-206

CTGTGTGCACTCCAGAACTCATGGAGTCTATGTTTAAACAAGTGAGGGAGGTGAATAATTCCAAAATAAGTTCCAAGATAAGGGA
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1020

PRKN

PRKN-206

CTTTTCCTCTTATGCTGAAAATAACCTGTTCTGTGAATGACAGGACATTGGAATCACACAGACCTTGGTGAGATCATTGTCTTCA
GAAAAGGAGAATACGACTTTTATTGGACAAGACACTTACTGTCCTGTAACCTTAGTGTGTCTGGAACCACTCTAGTAACAGAAGT

1105

PRKN

PRKN-206

CCATTTAAAAGTGCTTACCTTGGGGAAAATTCTATAGCAGAGTGATGCTCTTATCTCAAAGTGCTTTGGGAAGCAAATGAGATAA
GGTAAATTTTACGAAGTGAACCCCTTTAAGATATCGTCTCACTACGAGAATAGAGTTTACGAAACCCCTTCGTTTACTCTATT

1190

PRKN

PRKN-206

TATACATAGAACACCTAGCATTATTAATTACTTCCTTTCTATCCCTCTCATCTTAATTAATAATTTGGATAGCATTAAAGGAACAT
ATATGTATCTTGTGGATCGTAATAATTAATGAAGGAAAGATAGGGAGAGTAGAATTAATTTTAAAACCTATCGTAATTCCTTGTA

1275

PRKN

PRKN-206

ATTCCTATTAATAATAATATGCTGGCTGGGTGCGGTAGCTCACGCCTGTAATCCCAGCACTTTGGGAGGCCGAGGCGGGAGGAT
TAAGGGATAATTTTATTATACGACCGACCCACGCCATCGAGTGCGGACATTAGGGTCTGTGAAACCCCTCCGGCTCCGCCCTCCTA

1360

PRKN

PRKN-206

GACTTGAGGTCAGGAGTTTGGAGACCAGCCTGGCCAACATGGCAAAACCCCTGTCTCTACGAAAAATTCAAAAATTAGCTGGGCATG
CTGAACTCCAGTCCCTCAAACCTCTGGTCGGACCGGTTGTACCGTTTTGGGACAGAGATGCTTTTTAAGTTTTTAAATCGACCCGTAC

1445

PRKN

PRKN-206

TTGGTGGGCGCCTGTAATCCCAGCTACTCGGGAGGCTGAGGCCAGAGAATCACTTGAACCTGGGAGGTGGGGGTTGCAGTGAGCC
AACCACCCGCGGACATTAGGGTTCGATGAGCCCTCCGACTCCGGTCTTGTAGTGAACCTTGACCCCTCCACCCCAACGTCCTCGG

1530

PRKN

PRKN-206

AAGATCTCGCCACTGCACTCCAGCCTGGACGACAAGAGCAAAACTCCATCTCAAAAAAAAAAATAGAAAATAATAATAATTACAAT
TTCTAGAGCGGTGACGTGAGGTTCGGACCTGCTGTTCTCGTTTTTGGAGGTAGAGTTTTTTTTTTTTATCTTTATTATTAAATGTTA

1615

PRKN

PRKN-206

ATGCTATCCCAGTTCTGTTTTATGAATTTGGCCAAGCCAAGTAAGTGGCACTATAGAAAGAGCAAAAATAAATCAAAATATATT
TACGATAGGGTCAAGGACAAAATACTTAAACCGGTTCCGGTTCATTACCGTGATATCTTTCTCGTTTTTATTAGTTTTATATAA

1700

PRKN

PRKN-206

TAAATTATTATACATTATATTAGGTTATATCATCAAATTTTATCAATATATTTAAATATAAAATATATTTTATATATATTTTAAATA
ATTTAATAATATGTAATATAATCCAATATAGTAGTTTAAATAGTTTATATAAAATTTATATTTTATATAAAATATATATAAAATTTAT

1785

PRKN

PRKN-206

TAAATATATAAAATATATTTTATATATATTTTAAATATAAAATATATAAAATATATTTTATATATATTTTAAATATAAAATATATAA
ATTTATATATTTTATATAAAATATATAAAATTTATATTTTATATATTTTATATAAAATATATAAAATTTATATTTTATATATT

1870

PRKN

PRKN-206

AATATATTTATATATATTTTAAATATAAAATATATAAAATATATTTTATATATATTTTAAATATAAAATATATAAAATATATTTTATAT
TTATATAAAATATATAAAATTTATATTTTATATATTTTATATAAAATATATAAAATTTATATTTTATATATTTTATATAAAATATA

1955

PRKN

PRKN-206

ATATTTTAAATATAAAATATATAAAATATATTTTATATATATTTTAAATATAAAATATATAAAATATATTTTATATATATTTTAAATAT
TATAAAATTTATATTTTATATATTTTATATAAAATATATAAAATTTATATTTTATATATTTTATATAAAATATATAAAATTTATA

2040

PRKN

PRKN-206

AAATATATAAAATATATATATTTTAAATATAAAATATATAAAATATATATATTTTAAATATAAAATATATAAAATATATATATT
TTTATATATTTTATATATATAAAATTTATATTTTATATATTTTATATATATAAAATTTATATTTTATATATTTTATATATATAA

2125

PRKN

PRKN-206

TTAAATATAAAATATATAAAATATATATATTTTAAATATAAAATATATAAAATATATATATTTTAAATATAAAATATATAAAATA
AATTTATATTTTATATATTTTATATATATAAAATTTATATTTTATATATTTTATATATATAAAATTTATATTTTATATATTTTAT

2210

PRKN

PRKN-206

TATATATTTTAAATATAAAATATATAAAATATATATATTTTAAATATAAAATATATAAAATATATATATTTTAAATATAAAATATA
ATATATAAAATTTATATTTTATATATTTTATATATATAAAATTTATATTTTATATATTTTATATATATAAAATTTATATTTTATAT

2295

PRKN

PRKN-206

TAAAAATATATATATTTTAAATATAAAATATATAAAATATATTTTATATATTTTAAATATAAAATATATTAATATTTTGAATATATTT
ATTTTATATATATAAAATTTATATTTTATATATTTTATATAAAATATATAAAATTTATATTTTATATAAATTATAAACCCTTATATAAA

2380

PRKN

PRKN-206

PCR Forward

ttgtctctaaatccccttccaggag

AAATGAGGAATTGACCCCTATCTATGAAACATGAAGTGTTTGTCTCTAAATCCCCTTTCAGGAGAATAAAGTCAGATTTACAAAT
TTTACTCCTTAACTGGGGATAGATACTTTGTACTTCACAAACAGAGATTTAGGGGAAAGTCCTCTTATTTTCAGTCTAAATGTTTA

2465

PRKN

PRKN-206

AAAATTTGTTCCCGACAAAAGTGACATGCTTCAATTTTCATTCATTTCTTAATGAATATCATCACTTTAGAGCTGCCTATTGTGC
TTTTAAACAAGGGCTGTTTTCACTGTACGAAGTTAAAGTAAAGTAAAGAATTACTTATAGTAGTGAAATCTCGACGGGATAACACG

2550

PRKN

PRKN-206

Sanger Sequencing Primer

ctgcccttgattgcttgtg

TTTATGAAGTTTTTCCCCTCAGTTAAGTTTCTCTCTGCCCTTGTATTGCTTGTGATTATTTCGCTCAGAAAAGTGATGTCTAGGCTA
AAATACTTCAAAAAGGGGAGTCAATTCAAAAGAGAGACGGGAACATAACGAACACTAATAAGCGAGTCTTTCACTACAGATCCGAT

2635

PRKN

PRKN-206

Donor Template WT -> SNV

accacaccttggtttctgccccaacagGAGGCTGC

GCGTGCTGGTTTGGGAATGCGTGTTTTCCAGGTAAGTGTGCGAACCACACACCTTTGTTTTCTGCCCCCAACAGGAGGCTGC
CGCAGACCAAACCTTACGCACAAAAGGTCCATGAACGACGCTTGGGTGGTGTGGAAACAAAAGACGGGGTTGTCTCCGACG

2720

PRKN

PRKN-206

430
G C
ENSE0000...
PRKN-206

Donor Template WT -> SNV

Donor Template WT -> SNV

ATGCACATGAAGTGTCGCAGCCCCATGCAGGCTCGAGTGGTGTGGAAGTGTGGCTGCGAG

ATGCACATGAAGTGTCGCAGCCCCATGCAGGCTCGAGTGGTGTGGAAGTGTGGCTGCGAGTGGAAACCGGCTCTGCATGGGGG
TACGTGTACTTCACAGCGTCCGGGTACGTCCGAGCTACCCAGACCTTGACACCGACGCTCACCTTGGCGCAGACGTACCCCC

2805

PRKN

PRKN-206

M H M K C P Q P Q C R L E W C W N C G C E W N R V C M G

ENSE0001442933

PRKN-206

Donor Template WT -> SNV

SNV PAM gRNA Protospacer Sequence

Silent SNV

TCACGTCCGAGCTACCCAG
gRNA Protospacer

ACCACTGGTTTCGACGTGTAGCCAGGGCGGGCCGGGCGCCCCATCGCCACATCCTG6666GAGCATACCCAGTGTCTACCTTCATTTT
TGGTGACCAAGCTGCACATCGGTCCCGCCGGCCCGGGGTAGCGGTGTAGGACCCCTCGTATGGGTACAGATGGAAGTAAAA

2890

PRKN

PRKN-206

460 465
D H W F D V
ENSE0001442933
PRKN-206

CTAATTCTTTTTCAAACACACACACACACGCGCGCGCGCACACACACTCTTCAAGTTTTTTTTCAAAGTCCAACCTACAGCCAA
GATTAAGAGAAAAGTTTTGTGTGTGTGTGTGCGCGCGCGCGCGTGTGTGTGAGAAGTTCAAAAAGTTTTCAGGTTGATGTCCGGTT

2975

PRKN

PRKN-206

ATTGCAGAAGAACTCCTGGATCCCTTTCACTATGTCCATGAAAAACAGCAGAGTAAAAATTACAGAAGAAGCTCCTGAATCCCTT
TAACGTCTTCTTTGAGGACCTAGGGAAAGTGATACAGGTACTTTTTGTCGTCTCATTTTAATGTCTTCTTCGAGGACTTAGGGAA

3060

PRKN

PRKN-206

TCAGTTTGTCCACACAAGACAGCAGAGCCATCTGCGACACCACCAACAGGCGTTTCTCAGCCTCCGGATGACACAAATACCAGAGC
AGTCAAACAGGTGTGTTCTGTCGTCTCGGTAGACGCTGTGGTGGTTGTCCGCAAGAGTCGGAGGCCTACTGTGTTTATGGTCTCG

3145

PRKN

PRKN-206

ACAGATTCAAGTGCAATCCATGTATCTGTATGGGTCATTCTCACCTGAATTCGAGACAGGCAGAATCAGTAGCTGGAGAGAGAGT
TGTCTAAGTTCACGTTAGGTACATAGACATACCCAGTAAGAGTGGACTTAAGCTCTGTCCGTCTTAGTCATCGACCTCTCTCTCA

3230

PRKN

PRKN-206

TCTCACATTTAATATCCTGCCTTTTACCTTCAGTAAACACCATGAAGATGCCATTGACAAGGTGTTTTCTCTGTAAAAATGAACTGC
AGAGTGTAATTTATAGGACGGAAAAATGGAAGTCATTTGTGGTACTTCTACGGTAACTGTTCCACAAAGAGACATTTTACTTGACG

3315

PRKN

PRKN-206

GACATTTTACTTGACG
PCR Reverse

AGTGGGTTCTCCAAACTAGATTCATGGCTTTAACAGTAATGTTCTTATTTAAATTTTCAGAAAGCATCTATTCCAAAGAACCCC
TCACCCAAGAGGTTTGATCTAAGTACCGAAATTTGTCATTACAAGAATAAATTTAAAAGTCTTTTCGTAGATAAGGGTTTCTTGGGG

3400

PRKN

PRKN-206

TCACCCAAG

PCR Reverse

AGGCAATAGTCAAAAACATTTGTTTTATCCTTAAGAATTCATCTATATAAATCGCATTAAATGAAATACCAACTATGCGTAAATCA
TCCGTTATCAGTTTTTGTAAACAAATAGGAATTCCTAAGGTAGATATATTTAGCGTAATTACTTTATGGTTGATACGCATTTAGT

3485

PRKN

PRKN-206

ACTTGTACAAAAGTGAGAAATTATGAAAGTTAATTTGAATGTTGAATGTTTGAATTACAGGGAAGAAATCAAGTTAATGTACTTT
TGAACAGTGTTCCTCTTTAATACTTTCAATTAACCTTACAACCTTACAACCTTAAATGTCCCTTCTTTAGTTCAATTACATGAAA

3570

PRKN

PRKN-206

CATTCCTTTTCATGATTTGCAACTTTAGAAAAGAAATTTGTTTTCTGAAAGTATCACCAAAAAATCTATAGTTTGATTCTGAGTAT
GTAAGGGAAAGTACTAAACGTTGAAATCTTTCTTTAACA AAAAGACTTTTCATAGTGGTTTTTTAGATATCAAACCTAAGACTCATA

3655

PRKN

PRKN-206

TCATTTTGAACCTTGGAGATTTTGTAAATACATTTGGCTCCACTGTAAATTTAATAGATAAAGTGCCTATAAAGGAAACACGTTT
AGTAAAACGTTGAACCTCTAAAACGATTATGTAACCGAGGTGACATTTAAATTTATCTATTTTACGGATATTTCTTTTGTGCAAAA

3740

PRKN

PRKN-206

AGAAATGATTTCAAAATGATATTCAATCTTAACAAAAGTGAACATTATTAATCAGAATCTTTAAAGAGGAGCCTTTCCAGAACT
TCTTTACTAAAGTTTTACTATAAGTTAGAATTGTTTTCACTTGTAATAATTTAGTCTTAGAAATTTCTCCTCGGAAAGGTCTTGA

3825

PRKN

PRKN-206

ACCAAAATGAAGACACGCCGACTCTCTCCATCAGAAGGGTTTTATACCCCTTTGGCACACCCTCTCTGTCCAATCTGCAAGTCCC
TGGTTTTACTTCTGTGCGGGCTGAGAGAGGTAGTCTTCCCAAATATGGGGAAACCCTGTGGGAGAGACAGGTTAGACGTTTCAGGG

3910

PRKN

PRKN-206

AGGGAGCTCTGCATACCAGGGTTCCCCAGGAGAGACCTTCTCTTAGGACAGTAAACTCACTAGAATATTCCTTATGTTGACATG
TCCCTCGAGACGTATGGTCCCAAGGGGTCTCTCTGGAAGAGAATCCTGTCAATTTGAGTGATCTTATAAGGAATACAACCTGTAC

3995

PRKN

PRKN-206

GATTGGATTTTCAGTTCAATCAAACCTTTCAGCTTTTTTTTTTCAGCCATTACAAACACAATCAAAAAGATTAACAACACTGCATGCGGC
CTAACCTAAAGTCAAGTTAGTTTGAAAGTCGAAAAAAAAGTCGGTAAGTGTTGTGTTAGTTTTCTAATTGTTGTGACGTACGCCG

4080

PRKN

PRKN-206

AAACCGCATGCTCTTACCCACACTACGCAGAAGAGAAAAGTACAACCACTATCTTTTGTCTACCTGTATTGTCTGACTTCTCAGG
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4165

PRKN

PRKN-206

AAGATCGTGAACATAACTGAGGGCATGAGTCTCACTAGCACATGGAGGCCCTTTTGGATTTAGAGACTGTAAATTATTAATCGG
TTCTAGCACTTGTATTGACTCCCCTACTCAGAGTGATCGTGACCTCCGGGAAAACCTAAATCTCTGACATTTAATAATTTAGCC

4250

PRKN

PRKN-206

CAACAGGGCTTCTCTTTTTAGATGTAGCACTGAAATCCTTGCTGGAGGGAAGAGAGGGGATGAACTCAAGTTTTCCACATCCTGG
GTTGTCCCGAAGAGAAAAATCTACATCGTGACTTTAGGAACGACCTCCCTTCTCTCCCTACTTGAGTTCAAAAAGGTGTAGGACC

4335

PRKN

PRKN-206

GACACCTGTCCCTCTTTTCTTAACCTGCCTAAGATAACCCATTTCTTCCAACCATCTGAGGACAGTCCCGTCGTCTCAGAGGCCCT
CTGTGGACAGGGGAGAAAAGGATTGACGGATTCTATTGGGTAAAGAAGGTTGGTAGACTCCTGTGACGGGCAGCAGAGTCTCCGGGA

4420

PRKN

PRKN-206

GCACCGGGGAGAGACTGGGCTCTGCAGCAGCCACATCAGCATTACAGCTTCATGTGGCTTCACTGTCTGAAAATCTACCGACTC
CGTGGCCCTCTCTGACCCGAGACGTCGTGCGGTGTAGTCGTAAGTGTCGAAGTACACCGAAGTGACAGACTTTTAGATGGCTGAG

4505

PRKN

PRKN-206

CAACATGGCCCCACGGTGACAACAGACCTGTGACAGGAAGCCCAAAGCTCACATAGAAATGGTGGACAGATCAAAGTCTCTATAG
GTTGTACCGGGGTGCCACTGTTGTCTGGACACTGTCCTTCGGGTTTCGAGTGATCTTTACCACCTGTCTAGTTTTAGAGATATC

4590

PRKN

PRKN-206

TAAGGGAAAAAAAAAGAGAGGTGGCAGGCATGAGCCCCCTGCACCCAGTGGCTCGTGTCCATACTGAGTCCAGACCCTGATCAAGGC
ATTCCCTTTTTTCTCTCCACCGTCCGTA CTCTCGGGGGACGTGGGTCAACCAGCACAGGTATGACTCAGGTCTGGGACTAGTTCCG

4675

PRKN

PRKN-206

CTGACTTAGTGTCACTGGCAGTCCCCTAAATTACACTTCCTTACACTGGCCCCGATGCGACAAATCAGGTGGCTCCCTTCTGTCA
GACTGAATCACAGTGACCGTCAGGGTGATTTAATGTGAAGGAATGTGACCGGGCTACGCTGTTTAGTCCACCGAGGGGAAGACAGT

4760

PRKN

PRKN-206

CGTGGAGCACACAGTGTTCATCATCCATAGCTTTCTTCTGATGGTGTTCATTATTGCGCCTTCCAATCTGCATGCTGC
GCACCTCGTGTGTACAAAAGGTAGTAGGTATCGAAAGAAGGACTACCACAAACGTAATAACGCGGAAGGGTTAGACGTACGACG

4845

PRKN

PRKN-206

GTTGGGCTTGCGGTGCCTGAACAAGGTTTGTCTCCATGAGCTCAGGCACCCTAGGATCCCCTGTTAGACTATTAGGCTGTCCAGC
CAACCCGAACGCCACGGACTTGTTCCAAACGAGGGTACTCGAGTCCGTGGGATCCTAGGGGACAATCTGATAATCCGACAGGTCG

4930

PRKN

PRKN-206

ATGGTCTCCTTTCCCTTCTTGGTGGTGGTCTTTTCCCTTTCCAGAATAGAACAGTGATTCTTAAAATAAGTTAGAGCAGGCCGGG
TACCAGAGGAAAGGGGAAGAACCACCACCAGAAAAGGGAAAGGTCTTATCTTGTCACTAAGAATTTTATTCAATCTCGTCCGGCCC

5015

PRKN

PRKN-206

CGCGGTGGCTCATGCCTGTAATCCCAGCACTTTGGGAGGCCGAGGTGGGTGGATCACGAGGTCAGGAGTTCAAGACCAGCCTGGC
GCGCCACCGAGTACGGACATTAGGGTCTGTGAAACCCTCCGGCTCCACCCACCTAGTGCTCCAGTCTCAAGTTCTGGTGGACCG

5100

PRKN

PRKN-206

CAAGATGATGAAACCCCGTCTCTATTAATAAATACAAAAATTAGCTGGGCGTGGTGGCAGGCACCTGTAATCCCAGCTTCTGGGA
GTTCTACTACTTTGGGGCAGAGATAATTTTATGTTTTTAATCGACCCGACCACCGTCCGTGGACATTAGGGTCGAAGGACCCT

5185

PRKN

PRKN-206

GGCTGAGGCAGGAGAATCACTTGAACCCGGGGGGCAGAGGTTGCAGTGAGCCGAGATCACGCCACTGAACTCCAGCCTGGGCAAC
CCGACTCCGTCTTCTTAGTGAACCTTGGGCCCCCGTCTCCAACGTCACCTCGGCTCTAGTGCGGTGACTTGAGGTCGGACCCGTTG

5270

PRKN

PRKN-206

AGAGTGAGACTCTGTCTCAAAAAAAAAAAAAAAAAACAAAAACAAAAAAGCAAGATCATCCACTACACATGAACATGAATCACAGTA
TCTCACTCTGAGACAGAGTTTTTTTTTTTTTTTTTTGTTTTTGTTTTTTCGTTCTAGTAGGTGATGTGTACTTGTACTTAGTGTCA

5355

PRKN

PRKN-206

TTATTTGCACAGGAAGGGTGTAAACAAAATATGAATGTATCAAAAAATAGAAATAAAGTCTTTGCAGAAAAAGTCTGTTTTTCTCT
AATAAACGTGTCTTCCACATTGTTTTATACTTACATAGTTTTTTATCTTTATTTTCAGAAACGTCTTTTTTCAGACAAAAAGAGA

5440

PRKN

PRKN-206

GAAGTGTGTTGAGATTATCTGACAACTCTAAGATTGTA
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3 '
5507
5 '



Feature	Location	Size			Type
PACRG	1 .. 5507	5507 bp		←	gene
/note	= gene ENSG00000112530 Protein coding				
PRKN	1 .. 5507	5507 bp		→	gene
/note	= gene ENSG00000185345 Protein coding				
PACRG-201	1 .. 5507	5507 bp		←	prim_transcript
/note	= primary transcript ENST00000337019 Protein coding				
PACRG-203	1 .. 5507	5507 bp		←	prim_transcript
/note	= primary transcript ENST00000366889 Protein coding				
PRKN-206	1 .. 5507	5507 bp		→	prim_transcript
/note	= primary transcript ENST00000366898				
PRKN-212	1 .. 5317	5317 bp		→	prim_transcript
/note	= primary transcript ENST00000673871 Nonsense mediated decay				
PRKN-213	1 .. 5317	5317 bp		→	prim_transcript
/note	= primary transcript ENST00000674006 protein_coding_CDS_not_defined				
PRKN-221	1 .. 5317	5317 bp		→	prim_transcript
/note	= primary transcript ENST00000674436 protein_coding_CDS_not_defined				
PRKN-204	1 .. 4285	4285 bp		→	prim_transcript
/note	= primary transcript ENST00000366896				
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PRKN-201	1 .. 2825	2825 bp		→	prim_transcript
/note	= primary transcript ENST00000338468 Nonsense mediated decay				
PRKN-203	1 .. 2825	2825 bp		→	prim_transcript
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PRKN-207	1 .. 2825	2825 bp		→	prim_transcript
/note	= primary transcript ENST00000479615 Nonsense mediated decay				
PRKN-208	1 .. 2825	2825 bp		→	prim_transcript
/note	= primary transcript ENST00000610470				
Donor Template WT -> SNV	2684 .. 2783	100 bp		⊢	misc_feature
PRKN-204	2713 .. 2825	113 bp		→	CDS
/codon_start	= 1				
/note	= coding sequence ENSP00000355862				
/translation	= GCMHMKCPQPQCRLEWCWNCGCEWNRVCMGDHWFVDV* 36 amino acids = 4.4 kDa				
PRKN-205	2713 .. 2825	113 bp		→	CDS
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PRKN-206	2713 .. 2825	113 bp		→	CDS
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Feature	Location	Size			Type
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/codon_start	= 1				
/note	= coding sequence ENSP00000483773				
/translation	= GCMHMKCPQPQCRLEWCWNCGCEWNRVCMGDHWFDV*				
	36 amino acids = 4.4 kDa				
✓ SNV	2737 .. 2737	1 bp			misc_feature
/note	= WT = C SNV = T				
✓ PAM	2742 .. 2744	3 bp			misc_feature
✓ gRNA Protospacer Sequence	2745 .. 2765	21 bp			misc_feature
✓ Silent SNV	2747 .. 2747	1 bp			misc_feature
/note	= WT = G Silent SNV = A				

Primer	Length	Binding Sites	Tm	Date Added
✓ PCR Forward /sequence = ttgtctctaaatcccctttcaggag 44% GC / 7583.0 Da	25-mer	2420 .. 2444	58°C	Mar 7, 2023
✓ Sanger Sequencing Primer /sequence = ctgcccttgattgcttg 50% GC / 6081.0 Da	20-mer	2585 .. 2604	57°C	Mar 7, 2023
✓ Donor Template WT -> SNV /sequence = accacaccttgttttctgcccccaacagGAGGCTGCATGCACATGAAGTGTCTGCAGCCCCAATGCAGGCTCGAGTGGTGCTGGAAGTGTGGCT 58% GC / 30,828.0 Da	100-mer	2684 .. 2783	81°C	Mar 7, 2023
✓ gRNA Protospacer /sequence = GCACCACTCGAGCCTGCACT 65% GC / 6022.9 Da	20-mer	2746 .. 2765	64°C	Mar 7, 2023
✓ PCR Reverse /sequence = GAACCACTGCAGTTCATTTTACAG 44% GC / 7601.0 Da	25-mer	3300 .. 3324	58°C	Mar 7, 2023