

5'
3'

AGAGGAAGAGGCATCATCCCTAGCCCAACCGCTCCCGATCTCCACAAGAGTGCTCGTGACCCTAAACTTAACGTGAGGGCGAAAA
TCTCCTTCTCCGTAGTAGGGATCGGGTTGGCGAGGGCTAGAGGTGTTCTCACGAGCACTGGGATTTGAATTGCACTCCGCGTTTT

85

SNCA >

SNCA-201 >

GCGCCCCACTTTCCCGCCTTGGCGGGCCAGGCAGGCGGGCTGGAGTTGATGGCTCACCCCGCGCCCCCTGCCCATCCCCATCCG
CGCGGGGGTGAAAGGGCGGAACGCGCCGGTCCGTCCGCCGACCTCAACTACCGAGTGGGGCGCGGGGGACGGGGTAGGGGTAGGC

170

SNCA >

SNCA-201 >

AGATAGGGACGAGGAGCACGCTGCAGGGAAAGCAGCGAGCGCCGGGAGAGGGGCGGGCAGAAGCGCTGACAAATCAGCGGTGGGG
TCTATCCCTGCTCCTCGTGCGACGTCCCTTTTCGTGCTCGCGGCCCTCTCCCCGCCCGTCTTCGCGACTGTTTAGTCGCCACCCC

255

SNCA >

SNCA-201 >

GCGGAGAGCCGAGGAGAAGGAGAAGGAGGAGGACTAGGAGGAGGAGGACGGCGACGACCAGAAGGGGCCAAGAGAGGGGGCGAG
CGCCTCTCGGCTCCTCTTCTCTTCTCCTCCTGATCCTCCTCCTCCTGCGCTGCTGGTCTTCCCCGGGTTCTCTCCCCCGCTC

340

SNCA >

SNCA-201 >

CGACCGAGCGCCGCGACGCGGAAGTGAGGTGCGTGCGGGCTGCAGCGCAGACCCCGGCCCGGCCCTCCGAGAGCGTCCTGGGCG
GCTGGCTCGCGGGCTGCGCCTTCACTCCACGCACGCCGACGTGCGTCTGGGGCCGGGCCGGGGAGGCTCTCGCAGGACCCGC

425

SNCA >

SNCA-201 >

CTCCCTCACGCCTTGCCTTCAAGCCTTCTGCCTTTCCACCCTCGTGAGCGGAGAAGTGGGAGTGGCCATTTCGACGACAGGTTAGC
GAGGGAGTGCGGAACGGAAGTTCGGAAGACGGAAGGTGGGAGCACTCGCCTCTTGACCCTCACCGGTAAGCTGCTGTCCAATCG

510

SNCA >

SNCA-201 >

GGGTTTGCCTCCCACTCCCCAGCCTCGCGTGC CGGGCTCACAGCGGCCTCCTCTGGGGACAGTCCCCCGGGTGCCGCCTCCG
CCCAAACGGAGGGTGAGGGGGTTCGGAGCGCAGCGGCCGAGTGTGCGCGGAGGAGACCCCTGTGAGGGGGGGCCACGGCGGAGGC

595

SNCA >

SNCA-201 >

CCCTTCTGTGCGCTCCTTTTCTTCTTCTTCTTCTATTAATATTATTTGGGAATTGTTTAAATTTTTTTTTTAAAAAAGAGAG
GGGAAGGACACGCGAGGAAAAGGAAGAAGAAAGGATAATTTATAATAAACCTTAACAAATTTAAAAAAAATTTTTTCTCTC

680

SNCA >

SNCA-201 >

AGGCGGGGAGGAGTCCGAGTTGTGGAGAAGCAGAGGGACTCAGGTAAGTACCTGTGGATCTAAACGGGCGTCTTTGGAAATCCTG
TCCGCCCTCCTCAGCCTCAACACCTCTTGTCTCCCTGAGTCCATTATGGACACCTAGATTTGCCCGCAGAAACCTTTAGGAC

765

SNCA >

SNCA-201 >

GAGAACGCCGGATGGGAGACGAATGGTCTGTTGGCACCGGGAGGGGTGGTGTGCTGCCATGAGGACCCGCTGGGCCAGGTCTCTGGG
CTCTTGGCGCCTACCCTCTGCTTACCAGCACCCGTGGCCCTCCCCACCACGACGGTACTCTGGGGCAGCCGGTCCAGAGACCC

850

SNCA >

SNCA-201 >

AGGTGAGTACTTGTCCCTTTGGGGAGCCTAAGGAAAGAGACTTGACCTGGCTTTTCGTCTGCTTCTGATATTCCTTCTCCACAA
TCCACTCATGAACAGGGAAACCCCTCGGATTCTTTCTCTGAACTGGACCGAAAGCAGGACGAAGACTATAAGGGAAGAGGTGTT

935

SNCA

SNCA-201

GGGCTGAGAGATTAGGCTGCTTCTCCGGGATCCGCTTTTCCCGGGAAACGCGAGGATGCTCCATGGAGCGTGAGCATCCA
CCCGACTCTCTAATCCGACGAAGAGGCCCTAGGCGAAAAGGGGCCCTTTGCGCTCCTACGAGGTACCTCGCACTCGTAGGTTGAA

1020

SNCA

SNCA-201

TTCTCTCACATAAAATCTGTCTGCCGCTCTCTTGGTTTTTCTCTGTAAAGTAAGCAAGCTGCGTTTGGCAAATAATGAAATGGA
AAGAGAGTGTATTTTAGACAGACGGGCGAGAGAACCACAAAAGAGACATTTTCATTCGTTTCGACGCAAACCGTTTATTACTTTACCT

1105

SNCA

SNCA-201

AGTGCAAGGAGGCCAAGTCAACAGGTGGTAACGGGTTAACAAGTGTGGCGCGGGGTCGCTAGGGTGGAGGCTGAGAACGCCCC
TCACGTTCTCCGGTTCAGTTGTCCACCATTGCCCAATTGTTACGACCGCGCCCCAGGCGATCCCACCTCCGACTCTTGCGGGG

1190

SNCA

SNCA-201

CTCGGGTGGCTGGCGCGGGGTTGGAGACGGCCCGCGAGTGTGAGCGGCGCCTGCTCAGGGTAGATAGCTGAGGGCGGGGGTGGAT
GAGCCCACCGACCGCGCCCAACCTCTGCCGGGCGCTCACACTCGCCGCGGACGAGTCCCATCTATCGACTCCCGCCCCACCTA

1275

SNCA

SNCA-201

GTTGGATGGATTAGAACCATCACACTTGGGCTGCTGTTTGCCTGAGTTTGAACCACACCCCGAGTGAGCAGTTAGTTCTGTTGC
CAACCTACCTAATCTTGGTAGTGTGAACCCGGACGACAAACGGACTCAAACCTTGGTGTGGGGCTCACTCGTCAATCAAGACAACG

1360

SNCA

SNCA-201

CTACGCCTTCCACCATCAACCTGTTAGCCTTCTTCTGGGATTATGTTAAGGATACCCCTGACCCTAAGCCTCCAGCTTCCATG
GATGCGGAAAGGTGGTAGTTGGACAATCGGAAGAAGACCCTAAGTACAATTCCTATGGGGACTGGGATTCCGAGGTGGAAGGTAC

1445

SNCA

SNCA-201

PCR Forward

atcttttcatgcaactccacttctg

CTTCTAACTCATACTGTTACCCTTTAGACCCCGGGAATTTAAAAAGGGGTTAATCTTTTCATGCAACTCCACTTCTGAAATGCA
GAAGATTGAGTATGACAATGGGAAATCTGGGGCCCTTAAATTTTCCCAATTAGAAAAGTACGTTGAGGTGAAGACTTTACGT

1530

SNCA

SNCA-201

GTAATAACAACCTCAGAGGATTCATCCTAATCCGTGGTTAGGTGGCTAGACTTTTACTAGCCAAGATGGATGGGAGATGCTAAAT
CATTATTGTTGAGTCTCCTAAGTAGGATTAGGCACCAATCCACCGATCTGAAAATGATCGGTTCTACCTACCCTCTACGATTTAA

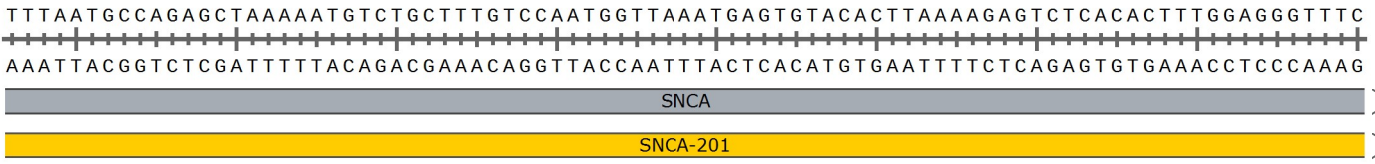
1615

SNCA

SNCA-201

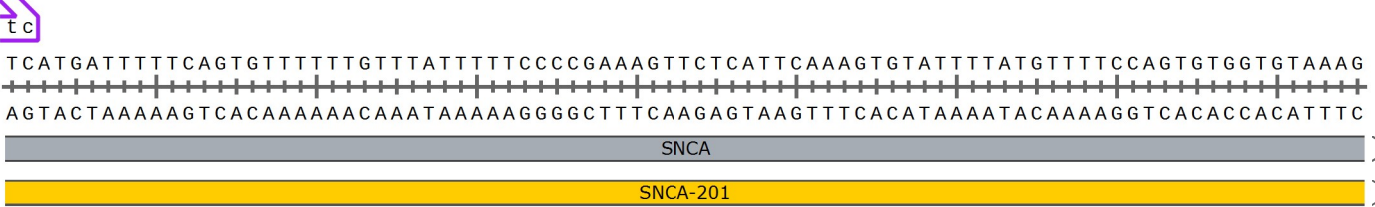
Sanger Sequencing Primer

cacactttggagggttc

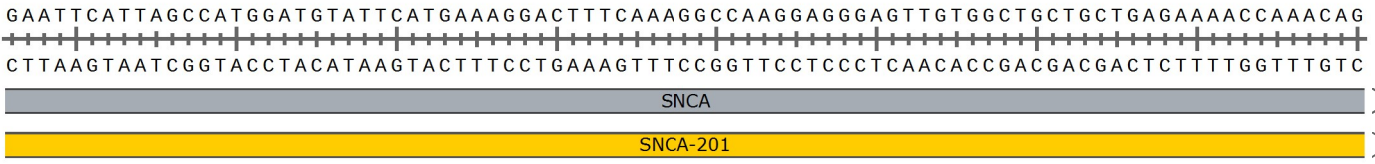


1700

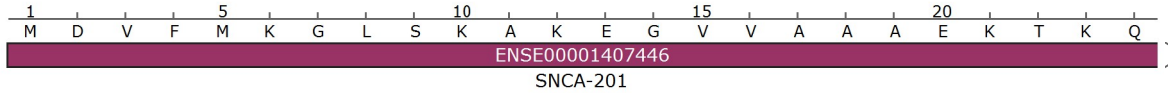
Sanger Sequencing Primer



1785



1870

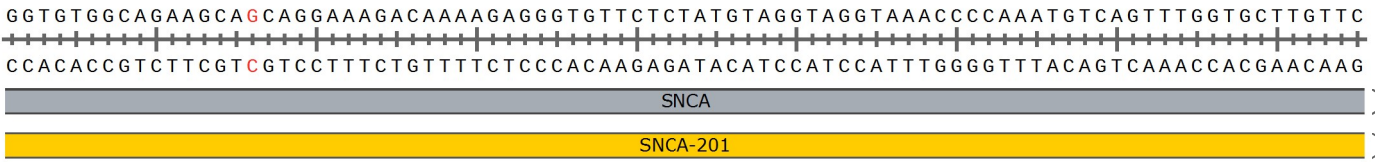


Donor Template SNV -> Rev

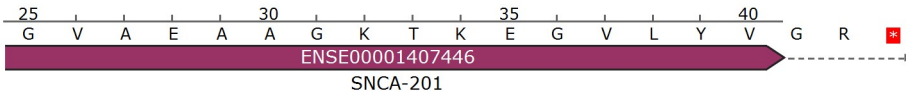
GTTTGTC

Donor Template SNV -> Rev

gRNA Protospacer
AGCA CAGGAAAGACAAAAG



1955



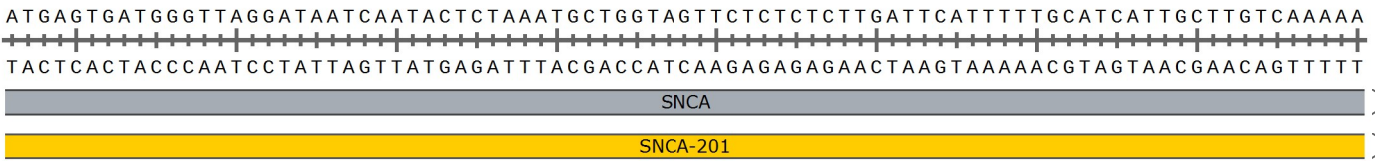
Donor Template SNV -> Rev

gRNA Protospacer Sequence PAM

SNV



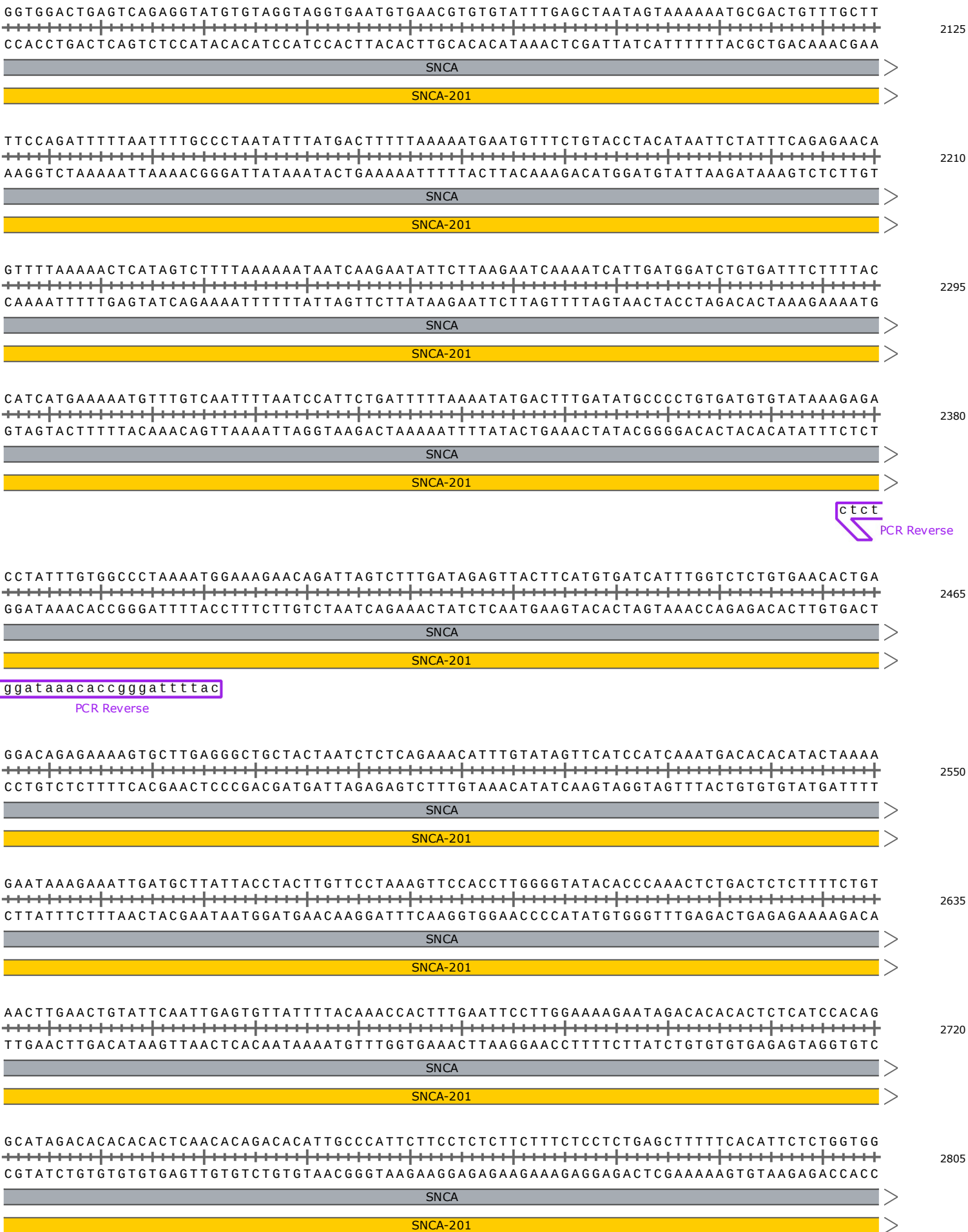
2040



Donor Template SNV -> Rev

tactcact

Donor Template SNV -> Rev



CAACTATAGCAGTAAGAGTCACAGGATGAACAGTCAGGTGGAGGATGACCACATTGAGTTGCCTAGCTGAAACATGTGCTCCGTC
GTTGATATCGTCATTCTCAGTGTCTACTTGTCTCAGTCCACCTCTACTGGTGTAACCTCAACGGATCGACTTTGTACACGAGGCAG

2890

SNCA

SNCA-201

TATGTCTGCAAAGTGAAAGAAAGCTACACTATCTCTTCAACATAGATCAGTGGGGGAAATTTTATACTTGGGATGATTTATATGA
ATACAGACGTTTCACCTTTCTTTTCGATGTGATAGAGAAGTTGTATCTAGTCAACCCCTTTAAAATATGAACCCTACTAAATATACT

2975

SNCA

SNCA-201

ATGCATCTCATCAAAGTTCACAACACATTTTTTTTTTCAGTTTTTTATTTTTAGAGTCAGGGCCTTGCTCTGTGCGCCA
TACGTAGAGTAGTTTCAAGTGTGTGTAATAAAAAAAGTCAAAAAATAAAAGTCAAAAAATCTCAGTCCCAGAACGAGACAGCGGGT

3060

SNCA

SNCA-201

GGCTGGACTGCAGTGATGCTATCATAGCTCACTGCATCCTTGAATTCCTGGGCTCAAGTCATGCCCCACCTCAGCCTCCTGAGT
CCGACCTGACGTCACTACGATAGTATCGAGTGACGTAGGAACCTAAGGACCCGAGTTCAGTACGGGGGTGGAGTCGGAGGACTCA

3145

SNCA

SNCA-201

AGCCAGGATTATAGGCATGTGCCACTGCCTCATTATTTAGACTTTTCTTATGTTGACTTAATCTTCCCACAAATCTTCAATTA
TCGGTCCTAATATCCGTACACGGTGACGGAGTAATAAATCTGAAAAGAATACAACCTGAATTAGAAGGGTGTTTAGAAGTTAATTT

3230

SNCA

SNCA-201

TTACTTTTTTCTACCTTAAACATATTTTTAGAAAGTCATTGAAATAGGGTGTACAAGAGGAAAAAATTGATGAGTTAATTTT
AATGAAAAAAGATGGAATTTTGTATAAAAGTCTTTTCAGTAACTTTATCCCACAATGTTCTCCTTTTTTAACTACTCAATTA

3315

SNCA

SNCA-201

AAATATTTTATGAAGTGTGAATTATACCTTTTTAGATGGAATTTGGAATACTGAATCAGTGACATGCAGTTTATCAATATCTTTC
TTTATAAAATACTTACACTTAATATGGAAAAATCTACCTTAAACCTTATGACTTAGTCACTGTACGTCAAATAGTTATAGAAAG

3400

SNCA

SNCA-201

CGTTTGTCTCAGATTTCCAAGTTCGCAAGCACAAGTTTCTTTGACTTAGTTACCTTTTAACTGTTTCATTGAAATCATTTC
GCAAACAGGAGTCTAAAGTTCAGACGTTTCGTGTTCAAAGAACTGAATCAATGGAAAATTGACAAGTAACTTTAGTAAAAGTT

3485

SNCA

SNCA-201

TGTCTCTCATGGCATTAAACACATAGCACATTCTATAAATTTTTATTGGTTACATTCTGAGTTCTAATTGAGAGTTGAACTTAC
ACAGAGAGTACCGTAAATTGTGTATCGTGTAAGATATTTAAAAAATAACCAATGTAAGACTCAAGATTAACCTCTCAACTTGAATG

3570

SNCA

SNCA-201

ACACAGAATTTAAGATAAAAAATGACCATGTGAAGACACAATAGTATAGTCCAGGGATTGGCAAATTTTGGGTAAGGAATCAGA
TGTGTCTTAAATTTCTATTTTTACTGGTACACTTCTGTGTTATCATATCAGGTCCCTAACCGTTTTAAACCCATTCTTAGTCT

3655

SNCA

SNCA-201

TAGCACGTATTTAAGCCATGAGATCTATGTCTTGGCCAGGTGCCGTGGCTCAGGTCTTTAATCCCAGCACTTTGAGAGCCCGAG
ATCGTGCATAAAAATTCGGTACTCTAGATACAGAACCGGTCCACGGCACCGAGTCCAGAAATTAGGGTCGTGAAACTCTCGGGCTC

3740

SNCA

SNCA-201

GCTGGTGGATCACTTGAGCCAGGGGTTTGGAGACCAGCCTGGGCCACATGGTGA AACCTGTGTCTACAAACAACGCAAAAATTA
CGACCACCTAGTGA ACTCGGGTCCCCAAACTCTGGTTCGGACCCGGTGTACC ACTTTGGGACACAGATGTTTGTTCGTTTTTAAT

3825

SNCA

SNCA-201

GCCGGGTATGGTAGCATGCATGTGTATTGCCAGCTACCCAGGAGGCTGAGGTAGGAGGATGGCTTGAGCCATACAGCTCACTGCA
CGGCCCATACCATCGTACGTACACATAACGGTCGATGGGTCCTCCGACTCCATCCTCCTACCGAACTCGGTATGTTCGAGTGACGT

3910

SNCA

SNCA-201

GAGGTTGCAGTGAGCTGAGATCGAGCC
CTCCAACGTCACTCGACTCTAGCTCGG

3'

3937



















5'

SNCA

SNCA-201

| Feature | Location | Size | Start | End | Type |
|---------------------|--|---------|-------|-----|--------------------------|
| ✓ SNCA | 1 .. 3937 | 3937 bp | ■ | → | gene |
| /note | = gene ENSG00000145335 | | | | Protein coding |
| ✓ SNCA-201 | 1 .. 3937 | 3937 bp | ■ | → | prim_transcript |
| /note | = primary transcript ENST00000336904 | | | | |
| SNCA-216 | 156 .. 3937 | 3782 bp | ■ | → | prim_transcript |
| /note | = primary transcript ENST00000673902 | | | | |
| SNCA-217 | 156 .. 3937 | 3782 bp | ■ | → | prim_transcript |
| /note | = primary transcript ENST00000674129 | | | | |
| SNCA-204 | 267 .. 3937 | 3671 bp | ■ | → | prim_transcript |
| /note | = primary transcript ENST00000394989 | | | | |
| SNCA-209 | 298 .. 3937 | 3640 bp | ■ | → | prim_transcript |
| /note | = primary transcript ENST00000506244 | | | | |
| SNCA-205 | 305 .. 3937 | 3633 bp | ■ | → | prim_transcript |
| /note | = primary transcript ENST00000394991 | | | | |
| SNCA-203 | 327 .. 3937 | 3611 bp | ■ | → | prim_transcript |
| /note | = primary transcript ENST00000394986 | | | | |
| SNCA-210 | 390 .. 3937 | 3548 bp | ■ | → | prim_transcript |
| /note | = primary transcript ENST00000506691 | | | | |
| SNCA-214 | 451 .. 3937 | 3487 bp | ■ | → | prim_transcript |
| /note | = primary transcript ENST00000673718 | | | | |
| SNCA-206 | 490 .. 3937 | 3448 bp | ■ | → | prim_transcript |
| /note | = primary transcript ENST00000420646 | | | | |
| SNCA-211 | 1253 .. 3937 | 2685 bp | ■ | → | prim_transcript |
| /note | = primary transcript ENST00000508895 | | | | |
| SNCA-213 | 1253 .. 3937 | 2685 bp | ■ | → | prim_transcript |
| /note | = primary transcript ENST00000618500 | | | | |
| SNCA-AS1-201 | 1429 .. 1042 | 3551 bp | ■ | ← | prim_transcript |
| /note | = primary transcript ENST00000501215 | | | | lncRNA |
| SNCA-207 | 1771 .. 3937 | 2167 bp | ■ | → | prim_transcript |
| /note | = primary transcript ENST00000502987 | | | | |
| SNCA-208 | 1781 .. 3937 | 2157 bp | ■ | → | prim_transcript |
| /note | = primary transcript ENST00000505199 | | | | |
| SNCA-202 | 1786 .. 3937 | 2152 bp | ■ | → | prim_transcript |
| /note | = primary transcript ENST00000345009 | | | | |
| SNCA-212 | 1799 .. 3937 | 2139 bp | ■ | → | prim_transcript |
| /note | = primary transcript ENST00000611107 | | | | |
| ✓ SNCA-201 | 1799 .. 1919 | 121 bp | ■ | → | CDS |
| /note | = coding sequence ENSP00000338345 | | | | |
| /translation | = MDVFMKGLSKAKEGVVAAAETKQGVAAAGKTKEGVLYV | | | | 40 amino acids = 4.1 kDa |
| SNCA-202 | 1799 .. 1919 | 121 bp | ■ | → | CDS |
| /note | = coding sequence ENSP00000343683 | | | | |
| /translation | = MDVFMKGLSKAKEGVVAAAETKQGVAAAGKTKEGVLYV | | | | 40 amino acids = 4.1 kDa |
| SNCA-203 | 1799 .. 1919 | 121 bp | ■ | → | CDS |
| /note | = coding sequence ENSP00000378437 | | | | |
| /translation | = MDVFMKGLSKAKEGVVAAAETKQGVAAAGKTKEGVLYV | | | | 40 amino acids = 4.1 kDa |
| SNCA-204 | 1799 .. 1919 | 121 bp | ■ | → | CDS |
| /note | = coding sequence ENSP00000378440 | | | | |
| /translation | = MDVFMKGLSKAKEGVVAAAETKQGVAAAGKTKEGVLYV | | | | 40 amino acids = 4.1 kDa |

| Feature | Location | Size | Start | End | Type |
|--------------------------------------|--|---------|-------|-----|-----------------|
| SNCA-205 | 1799 .. 1919 | 121 bp | ■ | → | CDS |
| /note | = coding sequence ENSP00000378442 | | | | |
| /translation | = MDVFMKGLSKAKEGVVAAAETKQGVAAEAGKTEGVLYV 40 amino acids = 4.1 kDa | | | | |
| SNCA-206 | 1799 .. 1919 | 121 bp | ■ | → | CDS |
| /note | = coding sequence ENSP00000396241 | | | | |
| /translation | = MDVFMKGLSKAKEGVVAAAETKQGVAAEAGKTEGVLYV 40 amino acids = 4.1 kDa | | | | |
| SNCA-207 | 1799 .. 1919 | 121 bp | ■ | → | CDS |
| /note | = coding sequence ENSP00000426034 | | | | |
| /translation | = MDVFMKGLSKAKEGVVAAAETKQGVAAEAGKTEGVLYV 40 amino acids = 4.1 kDa | | | | |
| SNCA-208 | 1799 .. 1919 | 121 bp | ■ | → | CDS |
| /note | = coding sequence ENSP00000421485 | | | | |
| /translation | = MDVFMKGLSKAKEGVVAAAETKQGVAAEAGKTEGVLYV 40 amino acids = 4.1 kDa | | | | |
| SNCA-209 | 1799 .. 1919 | 121 bp | ■ | → | CDS |
| /note | = coding sequence ENSP00000422238 | | | | |
| /translation | = MDVFMKGLSKAKEGVVAAAETKQGVAAEAGKTEGVLYV 40 amino acids = 4.1 kDa | | | | |
| SNCA-210 | 1799 .. 1919 | 121 bp | ■ | → | CDS |
| /note | = coding sequence ENSP00000423445 | | | | |
| /translation | = MDVFMKGLSKAKEGVVAAAETKQGVAAEAGKTEGVLYV 40 amino acids = 4.1 kDa | | | | |
| SNCA-211 | 1799 .. 1919 | 121 bp | ■ | → | CDS |
| /note | = coding sequence ENSP00000426955 | | | | |
| /translation | = MDVFMKGLSKAKEGVVAAAETKQGVAAEAGKTEGVLYV 40 amino acids = 4.1 kDa | | | | |
| SNCA-212 | 1799 .. 1919 | 121 bp | ■ | → | CDS |
| /note | = coding sequence ENSP00000479604 | | | | |
| /translation | = MDVFMKGLSKAKEGVVAAAETKQGVAAEAGKTEGVLYV 40 amino acids = 4.1 kDa | | | | |
| SNCA-213 | 1799 .. 1919 | 121 bp | ■ | → | CDS |
| /note | = coding sequence ENSP00000484044 | | | | |
| /translation | = MDVFMKGLSKAKEGVVAAAETKQGVAAEAGKTEGVLYV 40 amino acids = 4.1 kDa | | | | |
| SNCA-214 | 1799 .. 1919 | 121 bp | ■ | → | CDS |
| /note | = coding sequence ENSP00000500990 | | | | |
| /translation | = MDVFMKGLSKAKEGVVAAAETKQGVAAEAGKTEGVLYV 40 amino acids = 4.1 kDa | | | | |
| SNCA-216 | 1799 .. 1919 | 121 bp | ■ | → | CDS |
| /note | = coding sequence ENSP00000501102 | | | | |
| /translation | = MDVFMKGLSKAKEGVVAAAETKQGVAAEAGKTEGVLYV 40 amino acids = 4.1 kDa | | | | |
| SNCA-217 | 1799 .. 1919 | 121 bp | ■ | → | CDS |
| /note | = coding sequence ENSP00000501269 | | | | |
| /translation | = MDVFMKGLSKAKEGVVAAAETKQGVAAEAGKTEGVLYV 40 amino acids = 4.1 kDa | | | | |
| ✓ Donor Template SNV ->Rev | 1864 .. 1963 | 100 bp | ■ | ⌊ | misc_feature |
| ✓ gRNA Protospacer Sequence | 1882 .. 1901 | 20 bp | ■ | ⌊ | misc_feature |
| ✓ SNV | 1886 .. 1886 | 1 bp | ■ | ⌊ | misc_feature |
| /note | = SNV = C Rev = G | | | | |
| ✓ PAM | 1902 .. 1904 | 3 bp | ■ | ⌊ | misc_feature |
| SNCA-AS1 | 2812 .. 1058 | 2184 bp | ■ | ← | gene |
| /note | = gene ENSG00000247775 lncRNA | | | | |
| SNCA-AS1-202 | 2812 .. 1058 | 2184 bp | ■ | ← | prim_transcript |
| /note | = primary transcript ENST00000513653 lncRNA | | | | |

| Feature | | Location | Size |  |  | Type |
|---------|--|--------------|------------|---|---|-----------------|
| | | 3938 293,322 | 289,385 bp |  |  | gene |
| /note | = gene ENSG00000251095 lncRNA | | | | | |
| | | 3938 293,322 | 289,385 bp |  |  | prim_transcript |
| /note | = primary transcript ENST00000659878 lncRNA | | | | | |
| | | 3938 152,892 | 148,955 bp |  |  | prim_transcript |
| /note | = primary transcript ENST00000508021 lncRNA | | | | | |
| | | 3938 121,775 | 117,838 bp |  |  | gene |
| /note | = gene ENSG00000288563 lncRNA | | | | | |
| | | 3938 121,775 | 117,838 bp |  |  | prim_transcript |
| /note | = primary transcript ENST00000673949 lncRNA | | | | | |
| | | 3938 .76,498 | 72,561 bp |  |  | prim_transcript |
| /note | = primary transcript ENST00000507916 lncRNA | | | | | |
| | | 3938 .22,777 | 18,840 bp |  |  | prim_transcript |
| /note | = primary transcript ENST00000689416 lncRNA | | | | | |
| | | 3938 .22,777 | 18,840 bp |  |  | prim_transcript |
| /note | = primary transcript ENST00000691837 lncRNA | | | | | |

| Primer | Length | Binding Sites | Tm | Date Added |
|--|---------|----------------|------|--------------|
| ✓ PCR Forward /sequence = atcttttcagcaactccacttctg 40% GC / 7518.0 Da | 25-mer | 1499 .. 1523 → | 58°C | Apr 24, 2023 |
| ✓ Sanger Sequencing Primer /sequence = cacactttggagggtttctc 50% GC / 6099.0 Da | 20-mer | 1683 .. 1702 → | 56°C | Apr 24, 2023 |
| ✓ Donor Template SNV -> Rev /sequence = tcactcatgaacaagcaccaaactgacatttggggtttacctacCTACATAGAGAACCCTCTTTTGTCTTTCCTGCTGCTTCTGCCACACCTGTTTG 46% GC / 30,474.8 Da | 100-mer | 1864 .. 1963 ← | 76°C | Apr 24, 2023 |
| ✓ gRNA Protospacer /sequence = AGCACCAGGAAAGACAAAAG 45% GC / 6186.1 Da | 20-mer | 1882 .. 1901 → | 44°C | Apr 24, 2023 |
| ✓ PCR Reverse /sequence = cattttagggccacaaataggtctc 44% GC / 7641.0 Da | 25-mer | 2377 .. 2401 ← | 57°C | Apr 24, 2023 |