

INK2SOOO24.2_APOE_C156R_A08_BB








## APOE-201





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Sanger Sequence Primer
cgttcettctctccetctTGG
PCR Forward
cgttccttctctccotctTGG





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gRNA Protospacer GCGGACATGGAGGACGTGTG

## GGCGCAGGCCCGGCTGGGCGCGGACATGGAGGACGTGCGCGGCCGCCTGGTGCAGTACCGCGGCGAGGTGCAGGC






Primer
PCR Forward $\begin{array}{ccccc}\text { Length } & - & \text { Binding Sites } & \rightleftharpoons & \text { Tm }\end{array}$ Date Added
/sequence
$=$ cgttccttctctccotctTGG 57\% GC / 6266.1 Da
, Sanger Sequence Primer
21-mer 2630 .. $2650 \rightarrow 58^{\circ} \mathrm{C}$ Aug 31, 2022
$\begin{aligned} \text { /sequence } \quad= & \text { cgttccttctctccctctTGG } \\ & 57 \% \mathrm{GC} / 62661 \mathrm{Da}\end{aligned}$ $57 \%$ GC / 6266.1 Da
donor Template WT -> SNV
75-mer ○ 2857 .. $2931 \rightarrow 87^{\circ} \mathrm{C}$ Aug 31, 2022
/sequence
$=$ GGCGCAGGCCCGGCTGGGCGCGGACATGGAGGACGTGCGCGGCCGCCTGGTGCAGTACCGCGGCGAGGTGCAGGC
gRNA Protospacer
20-mer 2876 .. $2895 \rightarrow 62^{\circ} \mathrm{C}$ Aug 31, 2022
/sequence
$=$ GCGGACATGGAGGACGTGTG 65\% GC / 6263.1 Da
PCR Reverse
20-mer 3011 .. 3030 - $59^{\circ} \mathrm{C}$ Aug 31, 2022
/sequence
$=$ TTCTGCAGGTCATCGGCATC $55 \%$ GC / 6084.0 Da

