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G C C C G C G C G A G G G C A C G T C G G C C G A G C C G G G C T G G C G G G T A C G T A G G G C C G G G C G C T C C G C G T C C G C G C C G T G T G C G G G C G G G G C G G C A G G A A G G A A G C C G C T C C A C C C C T T C C T C C T C A

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270

PFN1

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405

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A G A C C C G A C C G C T C A C C C C T C C C T C C C T T A C C C C T C A T C C G G G C G G G A T G G C A G G A A C G T T A T T T T A G A T C G C C C C G C C C C C C C C C T C C T C G T C C T T A C C G C C A C G C T C C C G A C G A C G T G T C G C T C G

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C C T C G G C G C A G G C C T G C C G T C G C G C A C G G G G C T C A G A G G C G G A G G G G G C G G G G G T C G G C T C G A G C T C G G G T C A G G C C C G G G G T C G T C G T C G C G G C T C G T C G G G G T A T C G T C G C G G T A C C G G C C

675

PFN1

PFN1-201

M A G
ENSE0000...
PFN1-201

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810

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PFN1-201

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PFN1-201

PFN1-201

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C T A A G T T G T A A G G A C G C T C C G G T T A G G G C C T T C A G G G A G C G G G A G G A A G G G C G G T A G G C C G C C C G G A C C T C G T C C C C T T G A A A C A C T C T T C A A G A C T C T G C G T A T T C G C T T T C A T A T A A C C A A A T G A T G G C

1485

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PFN1-201

PFN1-201

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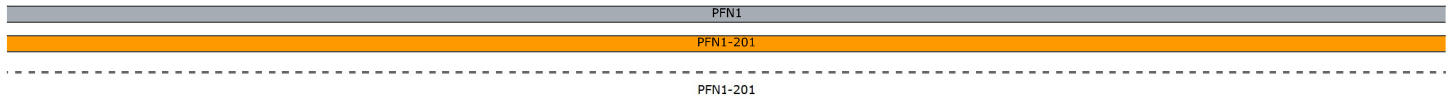
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PFN1-201

PFN1-201

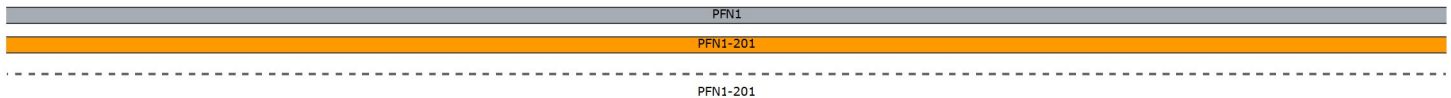
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1755



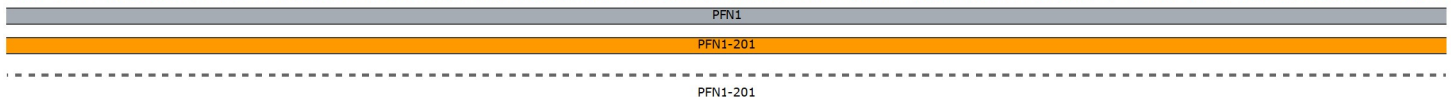
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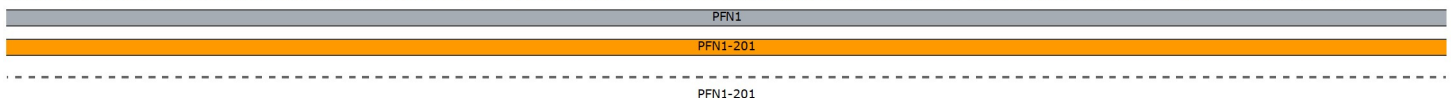
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2025



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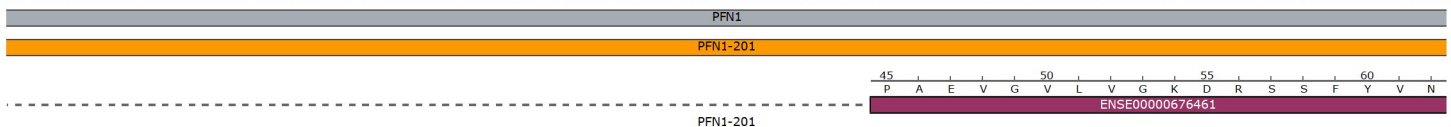


Sanger Sequencing Primer
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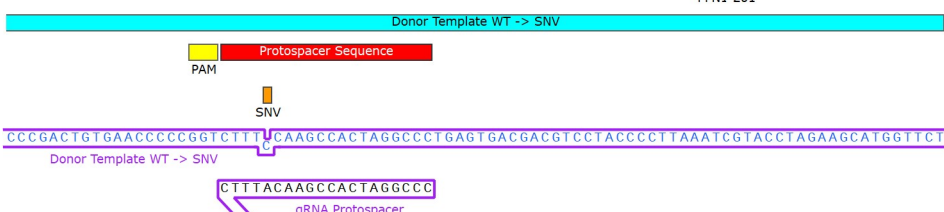
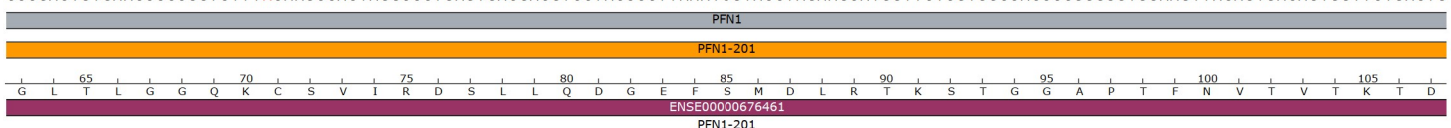
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Donor Template WT -> SNV
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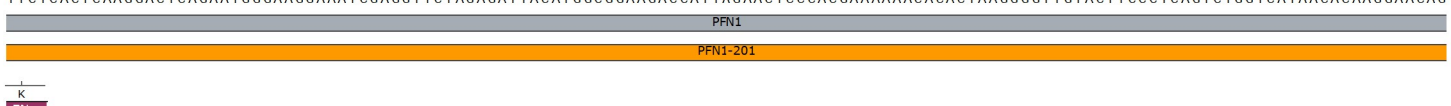
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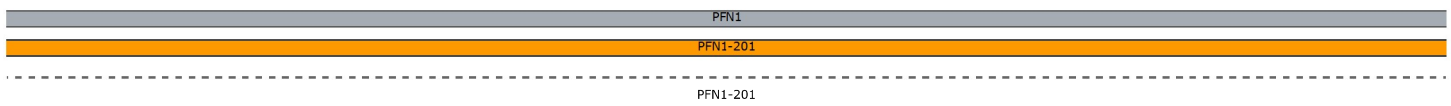
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2565



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2700



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2835

PFN1

PFN1-201

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2970

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PFN1-201

PFN1-201

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3105

PFN1

PFN1-201

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PFN1-201

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PFN1

PFN1-201

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3375

PFN1

PFN1-201

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3410
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PFN1
PFN1-201

Feature	Location	Size	Color	Strand	Type
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PFN1-201	532 .. 3410	2879 bp	■	→	prim_transcript
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PFN1-203	1593 .. 3395	1803 bp	■	→	prim_transcript
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▶ 2 segments = 315 bp					
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SNV	2320 .. 2320	1 bp	■	↔	misc_feature
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Primer	Length	Binding Sites	Tm	Date Added
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✓ Sanger Sequencing Primer /sequence = ACTAACTTGATGGGCGCTTG 50% GC / 6148.1 Da	20-mer	2209 .. 2228	58°C	Jun 14, 2022
✓ Donor Template WT -> SNV /sequence = TCTTGGTACGAAGATCCATGCTAAATCCCCATCCTGCAGCAGTGAGTCCCGGATCACCGAACCTTTCTGGCCCCAAGTGCAGCCATTACGTAAAA 52% GC / 30,562.8 Da	100-mer	2284 .. 2383	77°C	Jun 14, 2022
✓ gRNA Protospacer /sequence = CCCGGATCACCGAACATTTT 55% GC / 6022.0 Da	20-mer	2316 .. 2335	59°C	Jun 14, 2022
✓ PCR Reverse /sequence = AAGAACTCAAACGATGAACTCGATG 40% GC / 7692.1 Da	25-mer	2728 .. 2752	58°C	Jun 14, 2022