```
Reference reverse complement
gRNA 1 reverse complement
gRNA 2 reverse complement
NF 12 haplotype 1 reverse complement
NF 46 haplotype 1 reverse complement
NF 48 haplotype 1 reverse complement
NF 58 haplotype 1 reverse complement
NF 61 haplotype 1 reverse complement
NF 64 haplotype 1 reverse complement
NF 69 haplotype 1 reverse complement
NF 72 haplotype 1 reverse complement
NF 76 haplotype 1 reverse complement
NF 78 haplotype 1 reverse complement
NF 80 haplotype 1 reverse complement
NF 12 haplotype 2 reverse complement
NF 46 haplotype 2 reverse complement
NF 58 haplotype 2 reverse complement
NF 64 haplotype 2 reverse complement
NF 69 haplotype 2 reverse complement
NF 76 haplotype 2 reverse complement
NF 48 haplotype 2 reverse complement
NF 61 haplotype 2 reverse complement
NF 72 haplotype 2 reverse complement
NF 78 haplotype 2 reverse complement
NF 80 haplotype 2 reverse complement
Gene drive reverse complement
```

```
Reference reverse complement
gRNA 1 reverse complement
gRNA 2 reverse complement
NF 12 haplotype 1 reverse complement
NF 46 haplotype 1 reverse complement
NF 48 haplotype 1 reverse complement
NF 58 haplotype 1 reverse complement
NF 61 haplotype 1 reverse complement
NF 64 haplotype 1 reverse complement
NF 69 haplotype 1 reverse complement
NF 72 haplotype 1 reverse complement
NF 76 haplotype 1 reverse complement
NF 78 haplotype 1 reverse complement
NF 80 haplotype 1 reverse complement
NF 12 haplotype 2 reverse complement
NF 46 haplotype 2 reverse complement
NF 58 haplotype 2 reverse complement
NF 64 haplotype 2 reverse complement
NF 69 haplotype 2 reverse complement
NF 76 haplotype 2 reverse complement
NF 48 haplotype 2 reverse complement
NF 61 haplotype 2 reverse complement
NF 72 haplotype 2 reverse complement
NF 78 haplotype 2 reverse complement
NF 80 haplotype 2 reverse complement
Gene drive reverse complement
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CCGCAAGGAGCACGGATCCTTCTACGTTGGGAAGCGTTGCGTCTATGTCTACAAGGCCGAGACCAAGAAGT<u>GCGTGCCACAGCATCCCGAGCGC</u>
CCGCAAGGAGCACGGATCCTTCT<mark>.</mark>CGTTGGGAAGCGTTGCGTCTATGT<mark>......</mark>CCGAGACCAAGAAGTGCGTGCCACAGCATCCCGAGCGCA
CCGCAAGGAGCACGGATCCTTCTACGTTGGGAAGCGTTGCGTCTATGT<mark>.TACAAGG</mark>CCGAGACCAAGAAGTGCGTGCCACAGCATCCCGAGCGC
CCGCAAGGAGCACGGA<del>TCCTTC...GTTGGGA</del>AGCGTTGCGTCTATGT<mark>...CG</mark>AGGCCGAGACCAAGAAGTGCGTGCCACAGCATCCCGAGCGC
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A G A C C C G C G T C C G C G C T C T C G G G C A A G G T C A C C C G C A T C C A C C G C C C C T G T G C C C G T T T C A A C A G G A A C C T G C C C G T C A T A G A C C C G C G T C C G C G C T C T C G G G C A A G G T C A C C C G C A T C C A C C G C C C C T G T G C C C G T T T C A A C A G G A A C C T G C C C G T C A T A G A C C C G C G T C C G C C C T C T C G G G C A A G G T C A C C C G C C A T C C A C C C G C C C T T C C G C C C T T T C A A C A G G A A C C T G C C C G T C A T A G A CCCGCGTCCGCGCTGTCTGGGGCCA A GGTCACCCGCATCCACGGCA A CACCGGCGCTGTGCGCTGCCCGTTTCA A CAGGA A CCTGCCCGGTCA  ${\tt AGACCCGCGTCCGCGCTGTCTGGGGCCAGGTCACCCGCATCCACGGCAACACCGGCGCTGTGCGCTGTCCCGGTTTCAACAGGAACCTGCCCGGTCA}$ A G A C C C G C G T C C G C C C T C T C G G G C A A G G T C A C C C G C C A T C C A C C C G C C C T T C C G C C C T T T C A A C A G G A A C C T G C C C G T C A T A G A CCCGCGT CCGCGCTGT CT GGGGCA A GGT CA CCCGCAT CCA CGGCA A CA CCGGCGCTTT CCGTGCCCGTTT CA A CAGGA A CCTGCCCGGT CA A G A C C C G C G C T C T C T C G G G C A A G G T C A C C C G C A T C C A C G G C A A C A C G G C G C T G T G C C G T T T C A A C A G G A A C C T G C C C G G T C A T A G A C C C G C G T C C G C G C T C T C G G G C A A G G T C A C C C G C C A T C C A C C G C C C C T T C C C C G T T T C A A C A G G A A C C T G C C C G T C A T AGAC<mark>G</mark>CGCGT<mark>G</mark>CGCGC<mark>C</mark>GT**G**TGGGGAAAGGTCACCCGCATCCACGGCAACACCGGCGCTGT<mark>A</mark>CGTGCCCGTTTCAACAGGAACCTGCCCGGTCAT AGAC<mark>G</mark>CGCGT<mark>G</mark>CGCGC<mark>CGTG</mark>TGGGGAAAGGTGAC<mark>G</mark>CGCATTCATGGAAATACGGGAGCCGTCCGCGCCCCCTTTAATCGCAATCTGCCGGGCCAC