

Table S3. CRISPR sequences obtained by CrisprFinder.

Strain	Start–end	Length (bp)	Consensus Sequence	Spacer sequences
CLP0611	114992-115687	695	GTCTTGAATAGTAGTCATATCAAACAGGTTTAGAAC	CAACAGACTCCTGCTGGGGTTGCCTCAGTT TCGAATTAATGCTGACGCCCAGTTATTGAT AAACGTCTTTAGCGTAGTCATTTCATTGGCT AAACACCGTTAACGGTCTTACCGTGTCGAT ACGTCGGCGAAATCTTCACCACGCCGATTA TTGATGACTCTTCTGGGGCACCAACAAGTT TATTGAGTGCAGCGTTGTTTGCGAGCGTCC GTACAGTGTCGCTCAACGTCTATCACTCCC GGTATGGAGTACAACAAGGAACAAGACACG GATGCTGAGGAAACGAAGCATAGAACGTTT
LY-78	1823736-1824036	300	GTTCTAAACCTGTTTGATATGACTACTATTCAAGAC	AAACGTTCTATGCTTCGTTTCCTCAGCATC TAATCGGCGTGGTGAAGATTTCCGCCGACGT AGCCAATGAATGACTACGCTAAAGACGTTT TACGGTACTCAATTACGATTAGATAATACAA
LZ206	2416755-2417252	497	GTTCTAAACCTGTTTGATATGACTACTATTCAAGAC	AAACGTTCTATGCTTCGTTTCCTCAGCATC CGTAAATAGGTTGTAAACGTTTCAGGTCTGA TAATACGATCCATTGACTCCGCTAGTGACA TATTCTCGTTTATCGCTTTTAGACGTGTTA GTTTGGACTGGTTTATCAAGCAACAAGTTG AAGCGCGGGATCACGTGCAACAGCACCATC ACGTCGGCAAACGTTCGAATCCTTGACAT
LZ227	2311451-2312014	563	GTTCTAAACCTGTTTGATATGACTACTATTCAAGAC	AAACGTTCTATGCTTCGTTTCCTCAGCATC GGCATGTTAGTAGTTTAGGCGCCCTCCAAA

TGCTTTCGTTTTTAAGTTGTCCGCCTAACT
TCGCGCCGCGAAACATTGGACAGACTTAGT
TGATCAAACAGTTTATAACAAGTTAAAAGA
AGAAGATATATGTTCCAGATACTAATTCTG
TGGTTACGACGCGTGGGGGCTAACGCCTAC
GATGATGAGCGTATGATTCAGCAAGCCATG

MF1298	116735-118846	2111	GTCTTGAATAGTAGTCATATCAAACAGGTTTAGAAC	AAAATGGATTTCTGAGCATTACTGTCCGAC GACTATACCAATGAGGTCGAAGCATGGTTA CACAAGGCCACCGAGGAAGCCGGCGAGCTA TAGGTTTACTCATGGTAAATCCTCCTATGT AAAATAAATTTAAGGTTGCGCAACACAATG AACTCATCATAAATGACGTCTTTTACCGAG TTAGGTTGAGCTGGATCGGGATCAGGATCG TCTGTTGTTTAATTTGTTTTAGATTGTTAC ACTAAAGCCGGGTATACAGCCCCGAAGAA AAAATAGTTTCGACGAAAAAGCCGAAAGAGA GCGGCCACGACCGCCATGGGTGTCAGCGCC TCGGATAACTTAGCGGCGGCGTATCCCTGC ATAGTGACAGCATCTGTTTTCGGACCAATC GAGGCTTGCACTAGTGAGTTCAATCGTTAT TGTCCATACGAGCAGCGTTGGCACTTATTC GTATTATTATCAACGTCCCGCATTGCGTTA AGGATATATGAAATTAGTACATGTACTAGT ACGTCTTTCAGCCCAGTAACTGCTCAAGT TTGAATACCATTCCCTTGTTTATACTCCATC AGTTCATAATCATATGATCTAAGTGACGGT GGCCGGGTAAATCTTAATGTTTTATGTTCT CAATCAGAAAGAAGATGACGACTATAATGC
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GACTTATACCAGCAGTACCGAAGACGGTTA
AACTGGGAGCGGTCAACACCCCAGGCTGTG
ACGCAAAGCCAGCCCTAGTCATGAGGTCAT
GTTGCAACTTTATCCTTGTCACTTTCAACA
CAATACCATAGTAGTCAATTATTACACGTCG

TCTTGAATAGTAGTCAATTATTACACGTC
GCCAAACAACATTGCAGAGAGCTAGTGCTT
GTGACGTGCTCCCATGTGACCCGAATTGAC
CGACTCTAATGGATATTTTCAATCATAGCA
GATGGTGCTGTTGCACGTGATCCCGCGCTT

ZJ316	359930-360361	431	GTCTTGAATAGTAGTCATATCAAACAGGTTTAGAAC	ATGTCAAGGATTGGAACAGTTTGCCGACGT CTTGAAGAAGTTAAGGCACAACTCCAACG TAACACGTCTAAAAGCGATAAACGAGAATA TGTCACTAGCGGAGTCAATGGATCGTATTA TCAGACCTGAACGTTTACAACCTATTTACG GATGCTGAGGAAACGAAGCATAGAACGTTT
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ZS2058	2563734-2564693	959	GTCTTGAATAGTAGTCATATCAAACAGGTTTAGAAC	GACGAAATTACAAAAGACCGTCATAAGCGT CGGCAAGTAATCAGCTAGGAGGTTTCGCGCC TATGGAATGGGTCAAGTTTTTCACTCAATC AATGATTATGTGGACGAACATAATCAGATG ACGCTATGCGTTCGTATGTAGCAACTCATA TGTCGCGCTGCGCATTAGCCGTAATCAACT CCACCAGTTATCGCGATTACTTAACTTATT GCCTAGGTCAAGAACTAACTAAAGAGTTAG TGTCACTTTCTAATGAACTTGCAACCATCA CCGGTCGCCACCGGGACAAGCCCACAAAGA
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ACATTGATGACTATTTTCGGCAAAGAATATT
AACACTAGTAAATTGCCACATGGCAATGTC
AATGCCAGTCCTTTGTATTCACTTTTGTTA
GATGCTGAGGAAACGAAGCATAGAACGTTT

CGMCC 1.557	2774673-2775303	630	GTCTTGAATAGTAGTCATATCAAACAGGTTTAGAAC	TTGAAGTCCCAGCCGTGAACCAGTTAATGA TCAAATTAAGAATGCCGTAGCCACAATTAC GGACGCATCGGGGTATATTGCTGACGAAGA AGAACGGTACGTATGAGTTAACACCTAAAT TTGTATTATCTAATCGTAATTGAGTACCGTA GCTATACTATAAACATATATAAGGAAAGGA GATTAAATGCAAGTACTGTCTTTTCAATAT ACGTCGGCGAAATCTTCACCACGCCGATTA GATGCTGAGGAAACGAAGCATAGAACGTTT
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TS12	2154877-2155571	694	GTCTTGAATAGTAGTCATATCAAACAGGTTTAGAAC	GATTCTAGTTCGCTTTGCTGAGCCTTAAGA CACGGACGCTCTACACATTCATGCCGTCAT CTAACCAAATTTATCTGTTTGGAATGGAG CTTCTAGTCCATGTTTTTGTACGATTTTCAT TAAGACCCCCAAGATACCGGCGGCCGCTTG TTAAGTGTTTTAGCACAACTCCAATTTATT TAAACCGCAGCAGTAACGTATGCACGAAC TACAACAATAGCAGCCGTGCCACAAGTTGT AGTTTTCTTTACCAACGAACCCAATACCAC GCGTTGACGAGCTTTAATCTCTCACGCAAC
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