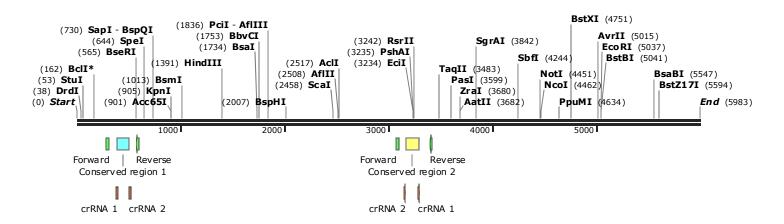
Features: 10 total

Enzymes: Unique 6+ Cutters (37 of 678 total)



Sox17 conserved sequence genome editing strategy 5983 bp

DNA Type: Synthetic DNA

Methylation: Dam Dcm EcoKI

Description:

Created: 0 ct 6, 2023 **Last Modified:** 0 ct 6, 2023

Accession Number: Code Number:

Sequence Author:

Comments:

References: Embedded Files: 5 '

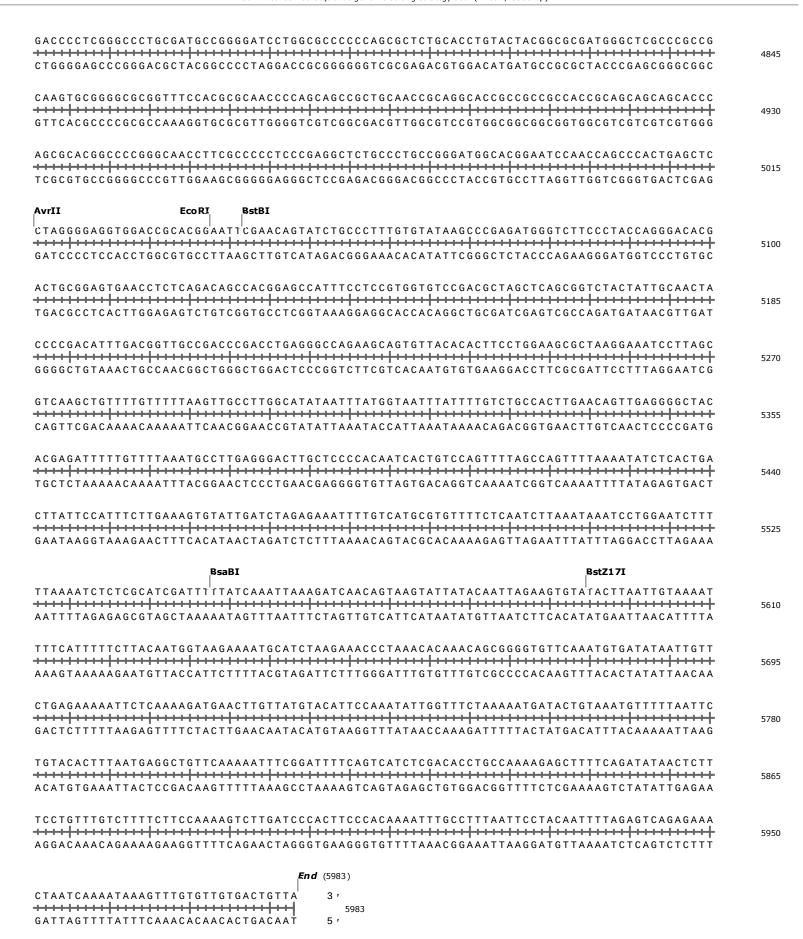
3 '

Start (0) DrdI StuI 85 ${\tt acgaactcacgggtgcctaggacacgttaacctgaacttacaggaaattgtccggaaccggtagtcttgtggttttggtattttg$ 170 ${\tt gaagctctttagttggtgagtgagactccgagcgacatcttctcaccgaatcttgagagggtgaagcctcagggtcaactagtggt}$ accegettgeta caggececa a at ggtta cggg cacagette tagtta cattaga egetteettgece cageettte gageete accegette tagtta cattaga egetteettgece egettaga egette accegette egettaga egetteettaga egettaga egettag255 tgggcgaacgatgtccggggtttaccaatgcccgtgtcgaagatcaatgtaatctgcgaaggaacggggtcggaaagctcggagtggtctgctttggggatgtggcttaggcagtagccacctagaaatcctgcactgtttgagtgtgataccgctgcggactacagcag 340 ccagacgaaacccctacaccgaatccgtcatcggtggatctttaggacgtgacaaactcacactatggcgacgcctgatgtcgtcForward 425 Conserved region 1 510 Conserved region 1 crRNA 2 +++++ 595 crRNA 2 Reverse SpeI GAGAATGGTCAGCAGAAGTTAGATCTAGgtaagaggacgggaagggggactagtcttgggaaagcgccacatttcctggtagatt 680 SapI **BspQI** tgttaagtaaagtgctatctagggactccaggggaggctgttttaaggaa cgggggaagagcccaaaagtggtcgcttggactcct 765 a ca att catt t cac gat a gat ccct gag g t cccct cc gac a a a att cctt g cccct t ctc g g g t t t t cac cag c g a a cct g a g g a cct g a cct g a aactgtgttttgtgctttccctcagaaagatcagttgttaatcttcagggatgcttgtaaataacgctgcctccccatccccgggct KpnI ttctttctaaccactttctcagttccttttatggagctcgaacagaactaggtacccaggtaaaatggtgtaaatacattttcta 935 a agaa agattggtgaa agagtca aggaa aatacctcg agcttgtcttgatccatgggtccattttaccacatttatgta aa agattgata agattggtgaa agattggaa agattggtgaa agattggtgaa agattggtgaa agattggtgaa agattggtgaa agattggaa agattgggacctacacctgaattatatttctgttgtctcttagTTTTTAGAGAAATCAACCAAGACAGGGAAGACAGAGAAAATGCATTCTG 1020

GACCCGCTACTGTTTTCAATCGTCATTTCAAACAAAACCCGTAGTTTATTTA	1105
CCCTGAGATCTTTGAAAAGATGCCCATTACTAGATACAAAAGAGAAGAGTCACTGTGGAGGTGAGGGACTGCGTCCCTGCTTCTG	1190
AGAGGCAGGAGAGCTACATGGGGAGACTGTCTCAAAACTAACAACAGAAGAGATAGAATTTTTTTT	1275
TAGAGAATCGATTTGTAAAATTGCTATTTCTACCCTTAGAGTTTCCTTGATTAAACATCTGAAATGCATTTTTTTT	1360
HindIII	
TCAAGCTAATGTTTTTCAGAAAAAAAAAAAAGCTTTGAGGAAAAGCACATTATCAGTTAGATTTAAGACCAATTGCTTTTAAAT	1445
TACCAATTTAAAATATCATTTTTTTTTTTTTTTTTTAAAGCAGATTTAATTTTACCCCCTTTGTATGAATCTTACAGACCTGGAGTTT	1530
TAACTACTATCACTGATCTCTACACACACCTCCAGCTTTAAATGGGAGGGA	1615
AGAAAAGCTGGCTTCTGTATGAGTTCTTTGGAGACAAAGTAGCTCCAGAAACTGCAGACCAGAAGCTATCAAAATCTCTGTGCTT	1700
BsaI BbvCI	
TTTTGGAACCTCCAGTAAGCCAGATTTGGTCTCTGAAATAATACAGGAAAACCTCAGCATGTCACCTCATGGATACAAgtaagta	1785
PciI	
AfIIII	
atacttttcaatcagctattcacagtaaagaaagtctgttttggaaactgacatgttgagtccttcct	1870
ccttccttccttccttccttccttcctccctctccctccctcccttccttccttcttcttcttcttcttcttccttcaagacag ggaaggaaggaaggaaggaaggaaggagggag	1955
BspHI	
ggttgcatgtagcccaggctggcctctaattccatatgtagctaaggacaatcatgaacgtattttctgccccccacatctcaa	2040
gtgctggaattatagaattacaggcactaggcatctcatagactgtctttcggaattgtactagatgaacattcaaactgagctc	2125
gatcaccattcctttgagttttcctaccttaaaactacgcaaggatgaccgttggatctggtagagaacaacacaaacatgcaaa	2210
caaactcaaatgtaacacagagcttttggagctccttgtctgaaggagggctgctaagtgtgtgt	2295
cttaacaggtgatgagtctccctttcctctcctagaatctataatgctgcccttgaaaaagactacgtctagaactaaatgagtt	2380



CTCGGGGTCGGTCTGGAGAGCCATGAGCAGCCCGGATGCGGGATACGCCAGTGACGACCAGAGCCAGCC	3570
PasI	
GCGGTGATGGCAGGGTTGGGCCCCTGTCCCTGGGCCGAGTCCCTGAGCCCCCTCGGGGATGTAAAGGTGAAAGGCGAGGTGGTGGG	3655
ZraI_ AatII	
CGAGTAGCGGGGCCCAGCCGGGACGTCGGGCCGAGCCAAAGCGGAGTCTCGCATCCGGCGGCCGATGAACGCCTTTATGGTGTG	3740
GGCCAAAGACGAACGCAAGCGGTTGGCACAGCAGAACCCAGATCTGCACAACGCAGAGCTAAGCAAGATGCTAGGtgagtcggac	3825
Sg rAI	
cagggggatacagggcaccggcgcactccagagaatctccttgagccacttccttgagccaagaggtgtgctgtagactcaatcc	3910
cttcttccagctccctctctcgccaaagtaacactttggtctttgggccataggagcgaatgtaagggtttctcagtatttcaga	3995
gaggtaacccgcacagccctggctcgaccccttcccagatcaggggactttggcagtttttcgagttaaggggagaaaggtaagg	4080
gaggaagccccttctaggcgtcctgtaaggacgcgatctaacactttcatccgaataggaccgggcttctcacctgctcgctc	4165
SbfI	
tgagaggttgcaccagagggggtcagggtgccggagctcactcgggtaaccctgcgcgcctctccacctttccctgcagGCAAG	4250
TCTTGGAAGGCGTTGACCTTGGCAGAGAAGCGGCCCTTCGTGGAAGAGGCCGAGCGGCTGCGCGTGCAGCATATGCAGGACCACC	4335
CCAACTACAAGTACCGGCCGCGGCGCGCAAGCAGGTGAAGCGCATGAAGCGGGTGGAGGGAG	4420
NotI NcoI	
GCCCCAGGCCGGCGCGCTTGGTCCCGAGGGCGGCCGCGTGGCCATGGATGG	4505
GCCGGTCCTCCGCTGATGTCTCCGCACATGGGCCCCCACTATCGGGACTGCCAGGGACTGGGCGCTCCCGCGCTCGACGGCTACC	4590
PpuMI	
CTCTGCCCACTCCGGACACATCCCCGCTGGATGGCGTGGAGCAGGACCCGGCTTTCTTT	4675
BstXI	
GGCGGCCGGCACCTACACTTACGCTCCAGTCTCGGACTATGCAGTGTCCGTAGAGCCGCCCGC	4760



DNA Type: Synthetic DNA

Methylation: Dam Dcm EcoKI

Description:

Created: Oct 6, 2023 Last Modified: Oct 6, 2023

Accession Number: Code Number:

Sequence Author:

Comments:

References: **Embedded Files:**