

pExp-His-Sumo-TEV

SpeI

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ATGAATCACCATCACCATCACCATCACCATTCTGGCACTAGTGGCAGCGATAGCGAAGTG
 90 100 110 120 130 140
 M N H H H H H H H S G T S G S D S E V
 AACCAGGAAGCGAAACCGGAAGTTAAACCTGAAGTGAAGCCGAAACCCATATTAACCTG
 150 160 170 180 190 200
 N Q E A K P E V K P E V K P E T H I N L
 AAAGTGTCTGATGGCAGCAGCGAAATCTTCTTCAAATCAAAAAAACCACTCCGCTGCGT
 210 220 230 240 250 260
 K V S D G S S E I F F K I K K T T P L R
 CGTCTGATGGAAGCGTTTTCGAAACGTCAGGGCAAAGAAATGGATAGCCTGCGTTTTCTG
 270 280 290 300 310 320
 R L M E A F A K R Q G K E M D S L R F L

BglII

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TATGATGGCATTTCGTATTTCAGGCGGATCAGACTCCGGAAGATCTGGATATGGAAGATAAC
 330 340 350 360 370 380
 Y D G I R I Q A D Q T P E D L D M E D N

BsaI

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GATATTATCGAAGCGCATCGTGAGCAGATTGGTGGTACCGAAAACCTGTACTTCCAGTGA
 390 400 410 420 430 440
 D I I E A H R E Q I G G T E N L Y F Q *

BsaI XhoI HindIII
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 GACCTTAATTAACCTCGAGCGCATGGAGCCACCCGAGTTTCGAAAAATAAGCTTG
 450 460 470 480 490
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# Enzymes that cut	Frequency	Isoschizomers
BglII	1	
BsaI	1	BsaI
HindIII	1	
SpeI	1	
XhoI	1	