

pExp-His-IF2-TEV

SpeI

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

AgeI

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AGCACCTTAACATTCCTGGTACCGGTGGAAAAAGCAAATCGGTACAAATCGAAGTCCGC
 330 340 350 360 370 380
 S T L N I P G T G G K S K S V Q I E V R
 AAGAAACGCACCTTTGTGAAACGCGATCCGCAAGAGGCTGAACGCCTTGACGCGGAAGAG
 390 400 410 420 430 440
 K K R T F V K R D P Q E A E R L A A E E
 CAAGCGCAGCGTGAAGCGGAAGAGCAAGCCCCTCGTGAGGCAGAAGAATCGGCTAAACGC
 450 460 470 480 490 500
 Q A Q R E A E E Q A R R E A E E S A K R
 GAGGCGCAACAAAAAGCTGAACGTGAGGCCGAGAACAAAGCTAAGCGTGAAGCTGCTGAA
 510 520 530 540 550 560
 E A Q Q K A E R E A A E Q A K R E A A E

BsaI

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CAAGCGAAACGTGAAGCTGCGGAAAAAGACAAAGTGAGCGGTACCGAAAACCTGTACTTC
 570 580 590 600 610 620
 Q A K R E A A E K D K V S G T E N L Y F

BsaI

XhoI

HindIII

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 CAGTGAGACCTTAATTAAGTCTCGAGCGCATGGAGCCACCCGAGTTTCGAAAAATAAGCTTG
 630 640 650 660 670 680
 Q * - - - * -

# Enzymes that cut	Frequency	Isoschizomers
AgeI	1	
BsaI	1	BsaI
HindIII	1	
SpeI	1	
XhoI	1	