

pExp-His-sfGFP-TEV

SpeI
>=====

ATGAATCACCATCACCATCACCATCACCATTCTGGCACTAGTGGCAGCAAAGGCGAAGAA
 90 100 110 120 130 140
 M N H H H H H H H S G T S G S K G E E
 CTGTTTACCGGTGTTGTTCCGATTCTGGTTGAACTGGATGGTGATGTTAATGGCCATAAAA
 150 160 170 180 190 200
 L F T G V V P I L V E L D G D V N G H K
 TTTTCAGTTCGCGGTGAAGGTGAAGGTGATGCAACCAATGGTAAACTGACCCTGAAATTT
 210 220 230 240 250 260
 F S V R G E G E G D A T N G K L T L K F
 ATTTGCACCACCGGTAAACTGCCGGTTCGGTGGCCGACCCTGGTTACCACCCTGACCTAT
 270 280 290 300 310 320
 I C T T G K L P V P W P T L V T T L T Y
 GGTGTTTCAGTGTGTTTGTAGCCGTTATCCGGATCATATGAAACGCCATGATTTTTTTTAAAAGC
 330 340 350 360 370 380
 G V Q C F S R Y P D H M K R H D F F K S
 GCAATGCCGGAAGGTTATGTTCAAGAACGTACCATTAGCTTTAAAGATGATGGCACCTAT
 390 400 410 420 430 440
 A M P E G Y V Q E R T I S F K D D G T Y
 AAAACCCGTGCCGAAGTTAAATTTGAAGGTGATACCCTGGTGAATCGCATTGAACTGAAA
 450 460 470 480 490 500
 K T R A E V K F E G D T L V N R I E L K
 GGCATTGATTTTTAAAGAAGATGGTAATATTCTGGGCCATAAACTGGAATATAATTTTAAAT
 510 520 530 540 550 560
 G I D F K E D G N I L G H K L E Y N F N
 AGCCATAATGTGTATATTACCGCAGATAAACAGAAAAATGGCATTAAAGCCAATTTTAAA
 570 580 590 600 610 620
 S H N V Y I T A D K Q K N G I K A N F K
 ATTCGCCATAATGTGGAAGATGGTAGCGTTCAGCTGGCAGATCATTATCAGCAGAATACC
 630 640 650 660 670 680
 I R H N V E D G S V Q L A D H Y Q Q N T
 CCGATTGGTGATGGTCCGGTTCGCTGCCGATAATCATTATCTGAGCACCCAGAGCGTT
 690 700 710 720 730 740
 P I G D G P V L L P D N H Y L S T Q S V
 CTGAGCAAAGATCCGAATGAAAAACGTGACCATATGGTGCTGCTGGAATTTGTTACCGCA
 750 760 770 780 790 800
 L S K D P N E K R D H M V L L E F V T A

NcoI
>=====

GCAGGTATTACCCATGGTATGGATGAACTGTATAAAGGTAGCGGTACCGAAAACCTGTAC
 810 820 830 840 850 860
 A G I T H G M D E L Y K G S G T E N L Y

BsaI XhoI HindIII
 >.....===== >===== >====
 TTCCAGTGAGACCTTAATTAACCTCGAGCGCATGGAGCCACCCGAGTTTCGAAAAATAAGC
 870 880 890 900 910 920
 F Q * - - - * - - - - - - - - - - - - - - - -

HindIII
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 TTG

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# Enzymes that cut	Frequency	Isoschizomers
BsaI	1	BsaI
HindIII	1	
NcoI	1	
SpeI	1	

