

pOP5BP

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                                SpeI
                                >=====
ATGAATGGATCTCATCACCATCACCATCACCATCACACTAGTACCTACAAACTGATCCTG
  90      100      110      120      130      140
M N G S H H H H H H H H T S T Y K L I L

AACGGTAAAACCCCTGAAAGGTGAAACCACCACCGAAGCTGTAGACGCTGCTACTGCTGAA
  150      160      170      180      190      200
N G K T L K G E T T T E A V D A A T A E

AAAGTTTTCAAACAGTACGCTAACGACAACGGTGTGGACGGTGAATGGACCTACGACGAC
  210      220      230      240      250      260
K V F K Q Y A N D N G V D G E W T Y D D

                                AgeI                                Sali
                                >=====                                >=====
GCTACCAAACCTTACGGTTACGGAAACCGGTAGTGGCACCAGTGGGTCGACACTGGAA
  270      280      290      300      310      320
A T K T F T V T E T G S G T S G S T L E

                                BamHI    EcoRI    AvrII
                                >=====    >=====    >=====
                                ApaI      NcoI      NotI      XhoI
                                =====>    >=====    =>=====    >=====
GTTCTGTTTTCAGGGCCCAGGATCCATGGAATTCGCGGCCGCCCTAGGCTCGAGCGGACTG
  330      340      350      360      370      380
V L F Q G P G S M E F A A A L G S S G L

                                HindIII
                                >=====
AATGACATTTTTCGAAGCACAGAAGATCGAATGGCATGAAGCCTAAGCTTG
  390      400      410      420      430
N D I F E A Q K I E W H E A * - *

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# Enzymes that cut	Frequency	Isoschizomers
AgeI	1	
ApaI	1	
AvrII	1	
BamHI	1	
EcoRI	1	
HindIII	1	
NcoI	1	
NotI	1	
Sali	1	
SpeI	1	
XhoI	1	