

SpeI

>=====

```

ATGAATGGATCTCATCACCATCACCATCACCATCACACTAGTATGAGCGATAAAAATTATT
  90      100     110     120     130     140
M N G S H H H H H H H H T S M S D K I I

CACCTGACTGACGACAGTTTTGACACGGATGTACTCAAAGCGGACGGGGCGATCCTCGTC
  150     160     170     180     190     200
H L T D D S F D T D V L K A D G A I L V

GATTTCTGGGCAGAGTGGTGCCTCCGTGCAAAATGATCGCCCCGATTCTGGATGAAATC
  210     220     230     240     250     260
D F W A E W C G P C K M I A P I L D E I

GCTGACGAATATCAGGGCAAACCTGACCGTTGCAAAACTGAACATCGATCAAAACCCCTGGC
  270     280     290     300     310     320
A D E Y Q G K L T V A K L N I D Q N P G

ACTGCGCCGAAATATGGCATCCGTGGTATCCCGACTCTGCTGCTGTTCAAAAACGGTGAA
  330     340     350     360     370     380
T A P K Y G I R G I P T L L L F K N G E

GTGGCGGCAACCAAGTGGGTGCACTGTCTAAAGGTCAGTTGAAAGAGTTCCTCGACGCT
  390     400     410     420     430     440
V A A T K V G A L S K G Q L K E F L D A

```

AgeI

>=====

Sali

>=====

ApaI

=====

```

AACCTGGCGACCGGTAGTGGCACCAGTGGGTGACACTGGAAGTTCGTTCAGGGCCCA
  450     460     470     480     490     500
N L A T G S G T S G S T L E V L F Q G P

```

NcoI

>=====

NotI

=>=====

XhoI

>=====

```

BamHI     EcoRI     AvrII
>===== >===== >=====
GGATCCATGGAATTTCGCGGCCGCCCTAGGCTCGAGCGGACTGAATGACATTTTCGAAGCA
  510     520     530     540     550     560
G S M E F A A L G S S G L N D I F E A

```

HindIII

>=====

```

CAGAAGATCGAATGGCATGAAGCCTAAGCTTG
  570     580     590
Q K I E W H E A * - *

```

# 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	