

Human H-RAS S17N

>KpnI
 |
 >AflIII >Asp7181
 | |
 >NheI >PmeI >HindIII
 | | |
 10 20 30 40 50
 GCTAGCGTTTAAACTTAAGCTTGGTACCGAGCTCGGATCCACC ATG ACG GAA TAT
 M T E Y>
 _____HUMAN H-____>
 >S17N
 |
 60 70 80 90 100
 AAG CTG GTG GTG GTG GGC GCC GGC GGT GTG GGC AAG AAT GCG CTG
 K L V V V G A G G V G K N A L>
 ____a____a____a____a____a_HUMAN H-RAS S17N____a____a____a____a____a____>
 110 120 130 140
 ACC ATC CAG CTG ATC CAG AAC CAT TTT GTG GAC GAA TAC GAC CCC
 T I Q L I Q N H F V D E Y D P>
 ____a____a____a____a____a_HUMAN H-RAS S17N____a____a____a____a____a____>
 150 160 170 180 190
 ACT ATA GAG GAT TCC TAC CGG AAG CAG GTG GTC ATT GAT GGG GAG
 T I E D S Y R K Q V V I D G E>
 ____a____a____a____a____a_HUMAN H-RAS S17N____a____a____a____a____a____>
 200 210 220 230
 ACG TGC CTG TTG GAC ATC CTG GAT ACC GCC GGC CAG GAG GAG TAC
 T C L L D I L D T A G Q E E Y>
 ____a____a____a____a____a_HUMAN H-RAS S17N____a____a____a____a____a____>
 240 250 260 270 280
 AGC GCC ATG CGG GAC CAG TAC ATG CGC ACC GGG GAG GGC TTC CTG
 S A M R D Q Y M R T G E G F L>
 ____a____a____a____a____a_HUMAN H-RAS S17N____a____a____a____a____a____>
 290 300 310 320
 TGT GTG TTT GCC ATC AAC AAC ACC AAG TCT TTT GAG GAC ATC CAC
 C V F A I N N T K S F E D I H>
 ____a____a____a____a____a_HUMAN H-RAS S17N____a____a____a____a____a____>
 330 340 350 360 370
 CAG TAC AGG GAG CAG ATC AAA CGG GTG AAG GAC TCG GAT GAC GTG
 Q Y R E Q I K R V K D S D D V>
 ____a____a____a____a____a_HUMAN H-RAS S17N____a____a____a____a____a____>
 380 390 400 410
 CCC ATG GTG CTG GTG GGG AAC AAG TGT GAC CTG GCT GCA CGC ACT
 P M V L V G N K C D L A A R T>
 ____a____a____a____a____a_HUMAN H-RAS S17N____a____a____a____a____a____>
 420 430 440 450 460

GTG GAA TCT CGG CAG GCT CAG GAC CTC GCC CGA AGC TAC GGC ATC
V E S R Q A Q D L A R S Y G I>
__a__a__a__a__a_HUMAN H-RAS S17N__a__a__a__a__a__>

470 480 490 500
CCC TAC ATC GAG ACC TCG GCC AAG ACC CGG CAG GGA GTG GAG GAT
P Y I E T S A K T R Q G V E D>
__a__a__a__a__a_HUMAN H-RAS S17N__a__a__a__a__a__>

510 520 530 540 550
GCC TTC TAC ACG TTG GTG CGT GAG ATC CGG CAG CAC AAG CTG CGG
A F Y T L V R E I R Q H K L R>
__a__a__a__a__a_HUMAN H-RAS S17N__a__a__a__a__a__>

560 570 580 590
AAG CTG AAC CCT CCT GAT GAG AGT GGC CCC GGC TGC ATG AGC TGC
K L N P P D E S G P G C M S C>
__a__a__a__a__a_HUMAN H-RAS S17N__a__a__a__a__a__>

600 610
AAG TGT GTG CTC TCC TGA
K C V L S *>
__HUMAN H-RAS S17N__>

>PmeI
|
>XhoI >XbaI >ApaI |
| | | |
| 620 630 |
CTCGAGTCTAGAGGGCCCGTTTAAAC