

Sequence Range: 1 to 711

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                >AflIII      >Asp7181
                |           |
>NheI          >PmeI      >HindIII      >KpnI
|             |           |           |
|             10         20         30         40
GCT AGC GTT TAA ACT TAA GCT TGG TAC CAC C ATG GAG CAG AAG CTG ATC
                M   E   Q   K   L   I >
                ____a__2XMYC TAG____a____>

                                                    >EcoRV
                                                    |
50          60          70          80          90
TCA GAG GAG GAT CTG GAG CAG AAG CTG ATC TCA GAG GAG GAT CTG GA TAT
S   E   E   D   L   E   Q   K   L   I   S   E   E   D   L>
____a__a__a__a__a__a__2XMYC TAG__a__a__a__a__a__a__>

                >NotI
                |
100          110      120          130          140
CCA GCA CAG TGG CGG CCG C ACG GAA TAT AAG CTG GTG GTG GTG GGC GCC
                T   E   Y   K   L   V   V   V   G   A>
                ____b__b__b__HUMAN H-RAS__b__b__b__>

150          160          170          180          190
GGC GGT GTG GGC AAG AGT GCG CTG ACC ATC CAG CTG ATC CAG AAC CAT
G   G   V   G   K   S   A   L   T   I   Q   L   I   Q   N   H>
____b__b__b__b__b__b__b__HUMAN H-RAS__b__b__b__b__b__b__>

200          210          220          230          240
TTT GTG GAC GAA TAC GAC CCC ACT ATA GAG GAT TCC TAC CGG AAG CAG
F   V   D   E   Y   D   P   T   I   E   D   S   Y   R   K   Q>
____b__b__b__b__b__b__b__HUMAN H-RAS__b__b__b__b__b__b__>

250          260          270          280          290
GTG GTC ATT GAT GGG GAG ACG TGC CTG TTG GAC ATC CTG GAT ACC GCC
V   V   I   D   G   E   T   C   L   L   D   I   L   D   T   A>
____b__b__b__b__b__b__b__HUMAN H-RAS__b__b__b__b__b__b__>

300          310          320          330          340
GGC CAG GAG GAG TAC AGC GCC ATG CGG GAC CAG TAC ATG CGC ACC GGG
G   Q   E   E   Y   S   A   M   R   D   Q   Y   M   R   T   G>
____b__b__b__b__b__b__b__HUMAN H-RAS__b__b__b__b__b__b__>

350          360          370          380
GAG GGC TTC CTG TGT GTG TTT GCC ATC AAC AAC ACC AAG TCT TTT GAG
E   G   F   L   C   V   F   A   I   N   N   T   K   S   F   E>
____b__b__b__b__b__b__b__HUMAN H-RAS__b__b__b__b__b__b__>

390          400          410          420          430
GAC ATC CAC CAG TAC AGG GAG CAG ATC AAA CGG GTG AAG GAC TCG GAT
D   I   H   Q   Y   R   E   Q   I   K   R   V   K   D   S   D>
____b__b__b__b__b__b__b__HUMAN H-RAS__b__b__b__b__b__b__>

440          450          460          470          480
GAC GTG CCC ATG GTG CTG GTG GGG AAC AAG TGT GAC CTG GCT GCA CGC

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      D   V   P   M   V   L   V   G   N   K   C   D   L   A   A   R>
    ___b___b___b___b___b___b___b_HUMAN H- RAS___b___b___b___b___b___b___>

      490          500          510          520          530
    ACT GTG GAA TCT CGG CAG GCT CAG GAC CTC GCC CGA AGC TAC GGC ATC
      T   V   E   S   R   Q   A   Q   D   L   A   R   S   Y   G   I>
    ___b___b___b___b___b___b___b_HUMAN H- RAS___b___b___b___b___b___b___>

      540          550          560          570          580
    CCC TAC ATC GAG ACC TCG GCC AAG ACC CGG CAG GGA GTG GAG GAT GCC
      P   Y   I   E   T   S   A   K   T   R   Q   G   V   E   D   A>
    ___b___b___b___b___b___b___b_HUMAN H- RAS___b___b___b___b___b___b___>

      590          600          610          620
    TTC TAC ACG TTG GTG CGT GAG ATC CGG CAG CAC AAG CTG CGG AAG CTG
      F   Y   T   L   V   R   E   I   R   Q   H   K   L   R   K   L>
    ___b___b___b___b___b___b___b_HUMAN H- RAS___b___b___b___b___b___b___>

    630          640          650          660          670
    AAC CCT CCT GAT GAG AGT GGC CCC GGC TGC ATG AGC TGC AAG TGT GTG
      N   P   P   D   E   S   G   P   G   C   M   S   C   K   C   V>
    ___b___b___b___b___b___b___b_HUMAN H- RAS___b___b___b___b___b___b___>

              >XhoI      >XbaI          >ApaI      >PmeI
                |         |             |           |
      680          |      690          |       700    |       710
    CTC TCC TGA CT CGA GTC TAG AGG GCC CGT TTA AAC
      L   S   *>
    ___b___b___>
  
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