

Monday, May 19, 2003 2:06 PM

Sequence Range: 1 to 1022

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                >AflIII      >Asp7181
                |           |
>NheI          >PmeI      >HindIII      >KpnI          >BamHI
|             |           |           |           |
|             10         20         30         40
GCT AGC GTT TAA ACT TAA GCT TGG TAC CGA GCT CGG ATC CAC TAG TCC

                >BstXI      >EcoRI
                |           |
50          |           |           70          80          90
AGT GTG GTG GAA TTC ACC ATG AAT GGC ACC TAC AAC ACC TGT GGC TCC
      M   N   G   T   Y   N   T   C   G   S>
      ____HUMAN G- PROTEIN COUPLED RECEPTOR____>

100          110          120          130          140
AGC GAC CTC ACC TGG CCC CCA GCG ATC AAG CTG GGC TTC TAC GCC TAC
S   D   L   T   W   P   P   A   I   K   L   G   F   Y   A   Y>
____a____a_HUMAN G- PROTEIN COUPLED RECEPTOR 35 (GPR35) ____a____a____>

150          160          170          180          190
TTG GGC GTC CTG CTG GTG CTA GGC CTG CTG CTC AAC AGC CTG GCG CTC
L   G   V   L   L   V   L   G   L   L   L   N   S   L   A   L>
____a____a_HUMAN G- PROTEIN COUPLED RECEPTOR 35 (GPR35) ____a____a____>

200          210          220          230          240
TGG GTG TTC TGC TGC CGC ATG CAG CAG TGG ACG GAG ACC CGC ATC TAC
W   V   F   C   C   R   M   Q   Q   W   T   E   T   R   I   Y>
____a____a_HUMAN G- PROTEIN COUPLED RECEPTOR 35 (GPR35) ____a____a____>

250          260          270          280
ATG ACC AAC CTG GCG GTG GCC GAC CTC TGC CTG CTG TGC ACC TTG CCC
M   T   N   L   A   V   A   D   L   C   L   L   C   T   L   P>
____a____a_HUMAN G- PROTEIN COUPLED RECEPTOR 35 (GPR35) ____a____a____>

290          300          310          320          330
TTC GTG CTG CAC TCC CTG CGA GAC ACC TCA GAC ACG CCG CTG TGC CAG
F   V   L   H   S   L   R   D   T   S   D   T   P   L   C   Q>
____a____a_HUMAN G- PROTEIN COUPLED RECEPTOR 35 (GPR35) ____a____a____>

340          350          360          370          380
CTC TCC CAG GGC ATC TAC CTG ACC AAC AGG TAC ATG AGC ATC AGC CTG
L   S   Q   G   I   Y   L   T   N   R   Y   M   S   I   S   L>
____a____a_HUMAN G- PROTEIN COUPLED RECEPTOR 35 (GPR35) ____a____a____>

390          400          410          420          430
GTC ACG GCC ATC GCC GTG GAC CGC TAT GTG GCC GTG CGG CAC CCG CTG
V   T   A   I   A   V   D   R   Y   V   A   V   R   H   P   L>
____a____a_HUMAN G- PROTEIN COUPLED RECEPTOR 35 (GPR35) ____a____a____>

440          450          460          470          480
CGT GCC CGC GGG CTG CGG TCC CCC AGG CAG GCT GCG GCC GTG TGC GCG
R   A   R   G   L   R   S   P   R   Q   A   A   A   V   C   A>
____a____a_HUMAN G- PROTEIN COUPLED RECEPTOR 35 (GPR35) ____a____a____>

490          500          510          520

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GTC CTC TGG GTG CTG GTC ATC GGC TCC CTG GTG GCT CGC TGG CTC CTG
V   L   W   V   L   V   I   G   S   L   V   A   R   W   L   L>
___a___a_HUMAN G- PROTEIN COUPLED RECEPTOR 35 (GPR35) ___a___a___>

530          540          550          560          570
GGG ATT CAG GAG GGC GGC TTC TGC TTC AGG AGC ACC CGG CAC AAT TTC
G   I   Q   E   G   G   F   C   F   R   S   T   R   H   N   F>
___a___a_HUMAN G- PROTEIN COUPLED RECEPTOR 35 (GPR35) ___a___a___>

580          590          600          610          620
AAC TCC ATG GCG TTC CCG CTG CTG GGA TTC TAC CTG CCC CTG GCC GTG
N   S   M   A   F   P   L   L   G   F   Y   L   P   L   A   V>
___a___a_HUMAN G- PROTEIN COUPLED RECEPTOR 35 (GPR35) ___a___a___>

630          640          650          660          670
GTG GTC TTC TGC TCC CTG AAG GTG GTG ACT GCC CTG GCC CAG AGG CCA
V   V   F   C   S   L   K   V   V   T   A   L   A   Q   R   P>
___a___a_HUMAN G- PROTEIN COUPLED RECEPTOR 35 (GPR35) ___a___a___>

680          690          700          710          720
CCC ACC GAC GTG GGG CAG GCA GAG GCC ACC CGC AAG GCT GCC CGC ATG
P   T   D   V   G   Q   A   E   A   T   R   K   A   A   R   M>
___a___a_HUMAN G- PROTEIN COUPLED RECEPTOR 35 (GPR35) ___a___a___>

730          740          750          760
GTC TGG GCC AAC CTC CTG GTG TTC GTG GTC TGC TTC CTG CCC CTG CAC
V   W   A   N   L   L   V   F   V   V   C   F   L   P   L   H>
___a___a_HUMAN G- PROTEIN COUPLED RECEPTOR 35 (GPR35) ___a___a___>

770          780          790          800          810
GTG GGG CTG ACA GTG CGC CTC GCA GTG GGC TGG AAC GCC TGT GCC CTC
V   G   L   T   V   R   L   A   V   G   W   N   A   C   A   L>
___a___a_HUMAN G- PROTEIN COUPLED RECEPTOR 35 (GPR35) ___a___a___>

820          830          840          850          860
CTG GAG ACG ATC CGT CGC GCC CTG TAC ATA ACC AGC AAG CTC TCA GAT
L   E   T   I   R   R   A   L   Y   I   T   S   K   L   S   D>
___a___a_HUMAN G- PROTEIN COUPLED RECEPTOR 35 (GPR35) ___a___a___>

870          880          890          900          910
GCC AAC TGC TGC CTG GAC GCC ATC TGC TAC TAC TAC ATG GCC AAG GAG
A   N   C   C   L   D   A   I   C   Y   Y   Y   M   A   K   E>
___a___a_HUMAN G- PROTEIN COUPLED RECEPTOR 35 (GPR35) ___a___a___>

920          930          940          950          960
TTC CAG GAG GCG TCT GCA CTG GCC GTG GCT CCC AGT GCT AAG GCC CAC
F   Q   E   A   S   A   L   A   V   A   P   S   A   K   A   H>
___a___a_HUMAN G- PROTEIN COUPLED RECEPTOR 35 (GPR35) ___a___a___>

                                     >XhoI   >XbaI
                                     |       |
970          980          990          |1000   |
AAA AGC CAG GAC TCT CTG TGC GTG ACC CTC GCC TAA CTC GAG TCT AGA
K   S   Q   D   S   L   C   V   T   L   A   *>
___HUMAN G- PROTEIN COUPLED RECEPTOR 35 (GPR____>

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>ApaI >PmeI

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|------|-----|-----|-----|------|
| 1010 | | | | 1020 |
| GGG | CCC | GTT | TAA | AC |