

Sequence Range: 1 to 1301

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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

                                >EcoRV_[ Rev]
                                |
                                |
                >BstXI      >EcoRI      >NotI_[ Rev]      >BstXI_[ Rev]
                |           |           |           |
                |           |           |           |
50             60         70         80         90
AGT GTG GTG GAA TTC ACC ATG AGC CCT TGC GGG CCC CTC AAC CTG AGC
M   S   P   C   G   P   L   N   L   S>
____HUMAN PROSTAGLANDIN E RECEPTOR 1____>

100             110             120             130             140
CTG GCG GGC GAG GCG ACC ACA TGC GCG GCG CCC TGG GTC CCC AAC ACG
L   A   G   E   A   T   T   C   A   A   P   W   V   P   N   T>
____a____a____a____HUMAN PROSTAGLANDIN E RECEPTOR 1____a____a____a____>

150             160             170             180             190
TCG GCC GTG CCG CCG TCG GGC GCT TCG CCC GCG CTG CCC ATC TTC TCC
S   A   V   P   P   S   G   A   S   P   A   L   P   I   F   S>
____a____a____a____HUMAN PROSTAGLANDIN E RECEPTOR 1____a____a____a____>

200             210             220             230             240
ATG ACG CTG GGC GCC GTG TCC AAC CTG CTG GCG CTG GCG CTG CTG GCG
M   T   L   G   A   V   S   N   L   L   A   L   A   L   L   A>
____a____a____a____HUMAN PROSTAGLANDIN E RECEPTOR 1____a____a____a____>

250             260             270             280
CAG GCC GCG GGC CGC CTG CGA CGC CGC CGC TCG GCC ACC ACC TTC CTG
Q   A   A   G   R   L   R   R   R   R   S   A   T   T   F   L>
____a____a____a____HUMAN PROSTAGLANDIN E RECEPTOR 1____a____a____a____>

290             300             310             320             330
CTG TTC GTG GCC AGC CTG CTG GCC ACC GAC CTG GCG GGC CAC GTG ATC
L   F   V   A   S   L   L   A   T   D   L   A   G   H   V   I>
____a____a____a____HUMAN PROSTAGLANDIN E RECEPTOR 1____a____a____a____>

340             350             360             370             380
CCG GGC GCG CTG GTG CTG CGT CTG TAC ACT GCG GGG CGC GCT CCG GCC
P   G   A   L   V   L   R   L   Y   T   A   G   R   A   P   A>
____a____a____a____HUMAN PROSTAGLANDIN E RECEPTOR 1____a____a____a____>

390             400             410             420             430
GGC GGC GCC TGC CAC TTC CTG GGC GGC TGC ATG GTC TTC TTC GGC CTG
G   G   A   C   H   F   L   G   G   C   M   V   F   F   G   L>
____a____a____a____HUMAN PROSTAGLANDIN E RECEPTOR 1____a____a____a____>

440             450             460             470             480
TGC CCG CTG CTG CTG GGC TGT GGC ATG GCC GTG GAG CGC TGC GTG GGC
C   P   L   L   L   G   C   G   M   A   V   E   R   C   V   G>
____a____a____a____HUMAN PROSTAGLANDIN E RECEPTOR 1____a____a____a____>

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      490      500      510      520
GTC ACG CGG CCG CTG CTC CAC GCC GCG CGG GTC TCG GTC GCC CGC GCG
V   T   R   P   L   L   H   A   A   R   V   S   V   A   R   A>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 1___a___a___a___>

530      540      550      560      570
CGC CTG GCG CTG GCC GCG GTG GCC GCG GTG GCC TTG GCC GTG GCG CTG
R   L   A   L   A   A   V   A   A   V   A   L   A   V   A   L>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 1___a___a___a___>

      580      590      600      610      620
CTG CCG CTG GCG CGC GTG GGC CGC TAT GAG CTG CAG TAC CCG GGC ACG
L   P   L   A   R   V   G   R   Y   E   L   Q   Y   P   G   T>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 1___a___a___a___>

      630      640      650      660      670
TGG TGC TTC ATC GGC CTG GGT CCC CCG GGC GGC TGG CGC CAG GCA CTG
W   C   F   I   G   L   G   P   P   G   G   W   R   Q   A   L>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 1___a___a___a___>

      680      690      700      710      720
CTT GCT GGC CTC TTC GCC AGC CTC GGC CTG GTC GCG CTC CTC GCC GCG
L   A   G   L   F   A   S   L   G   L   V   A   L   L   A   A>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 1___a___a___a___>

      730      740      750      760
CTG GTG TGC AAC ACG CTC AGC GGC CTG GCC CTG CTA CGC GCC CGC TGG
L   V   C   N   T   L   S   G   L   A   L   L   R   A   R   W>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 1___a___a___a___>

770      780      790      800      810
CGA CGC CGC TCC CGA CGG CCT CCC CCG GCC TCA GGC CCC GAC AGC CGG
R   R   R   S   R   R   P   P   P   A   S   G   P   D   S   R>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 1___a___a___a___>

      820      830      840      850      860
CGT CGC TGG GGG GCG CAC GGA CCC CGC TCG GCC TCC GCC TCG TCC GCC
R   R   W   G   A   H   G   P   R   S   A   S   A   S   S   A>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 1___a___a___a___>

      870      880      890      900      910
TCG TCC ATC GCT TCG GCC TCC ACC TTC TTT GGC GGC TCT CGG AGC AGC
S   S   I   A   S   A   S   T   F   F   G   G   S   R   S   S>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 1___a___a___a___>

      920      930      940      950      960
GGC TCG GCA CGC AGA GCT CGC GCC CAC GAC GTG GAG ATG GTG GGC CAG
G   S   A   R   R   A   R   A   H   D   V   E   M   V   G   Q>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 1___a___a___a___>

      970      980      990      1000
CTT GTC GGT ATC ATG GTG GTG TCG TGC ATC TGC TGG AGC CCA ATG CTG
L   V   G   I   M   V   V   S   C   I   C   W   S   P   M   L>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 1___a___a___a___>

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Monday, May 19, 2003 3:07 PM

GTG TTG GTG GCG CTG GCC GTC GGC GGC TGG AGC TCT ACC TCC CTG CAG
 V L V A L A V G G W S S T S L Q>
 ___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 1___a___a___a___>

1060 1070 1080 1090 1100
 CGG CCA CTG TTC CTG GCC GTG CGC CTT GCC TCC TGG AAC CAG ATC CTG
 R P L F L A V R L A S W N Q I L>
 ___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 1___a___a___a___>

1110 1120 1130 1140 1150
 GAC CCT TGG GTG TAC ATC CTA CTG CGC CAG GCC GTG CTG CGC CAA CTG
 D P W V Y I L L R Q A V L R Q L>
 ___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 1___a___a___a___>

1160 1170 1180 1190 1200
 CTT CGC CTC TTG CCC CCG AGG GCC GGA GCC AAG GGC GGC CCC GCG GGG
 L R L L P P R A G A K G G P A G>
 ___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 1___a___a___a___>

1210 1220 1230 1240
 CTG GGC CTA ACA CCG AGC GCC TGG GAG GCC AGC TCG CTG CGC AGC TCC
 L G L T P S A W E A S S L R S S>
 ___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 1___a___a___a___>

1250 1260 1270 1280 1290
 CGG CAC AGC GGC CTC AGC CAC TTC TAA CTC GAG TCT AGA GGG CCC GTT
 R H S G L S H F *>
 ___HUMAN PROSTAGLANDIN E RECEPT___>

>PmeI
 |
 | 1300
 TAA AC