

Sequence Range: 1 to 1169

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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      >EcoRV      >BstXI      >NotI
                |          |          |          |          |
50            |          60            70            80            90
AGT GTG GTG GAA TTC ACC ATG GGC AAT GCC TCC AAT GAC TCC CAG TCT
                M    G    N    A    S    N    D    S    Q    S>
                ____HUMAN PROSTAGLANDIN E RECEPTOR 2____>

    100          110          120          130          140
GAG GAC TGC GAG ACG CGA CAG TGG CTT CCC CCA GGC GAA AGC CCA GCC
E   D   C   E   T   R   Q   W   L   P   P   G   E   S   P   A>
____a____a____a____HUMAN PROSTAGLANDIN E RECEPTOR 2____a____a____a____>

    150          160          170          180          190
ATC AGC TCC GTC ATG TTC TCG GCC GGG GTG CTG GGG AAC CTC ATA GCA
I   S   S   V   M   F   S   A   G   V   L   G   N   L   I   A>
____a____a____a____HUMAN PROSTAGLANDIN E RECEPTOR 2____a____a____a____>

    200          210          220          230          240
CTG GCG CTG CTG GCG CGC CGC TGG CGG GGG GAC GTG GGG TGC AGC GCC
L   A   L   L   A   R   R   W   R   G   D   V   G   C   S   A>
____a____a____a____HUMAN PROSTAGLANDIN E RECEPTOR 2____a____a____a____>

    250          260          270          280
GGC CGC AGG AGC TCC CTC TCC TTG TTC CAC GTG CTG GTG ACC GAG CTG
G   R   R   S   S   L   S   L   F   H   V   L   V   T   E   L>
____a____a____a____HUMAN PROSTAGLANDIN E RECEPTOR 2____a____a____a____>

290          300          310          320          330
GTG TTC ACC GAC CTG CTC GGG ACC TGC CTC ATC AGC CCA GTG GTA CTG
V   F   T   D   L   L   G   T   C   L   I   S   P   V   V   L>
____a____a____a____HUMAN PROSTAGLANDIN E RECEPTOR 2____a____a____a____>

    340          350          360          370          380
GCT TCG TAC GCG CGG AAC CAG ACC CTG GTG GCA CTG GCG CCC GAG AGC
A   S   Y   A   R   N   Q   T   L   V   A   L   A   P   E   S>
____a____a____a____HUMAN PROSTAGLANDIN E RECEPTOR 2____a____a____a____>

    390          400          410          420          430
CGC GCG TGC ACC TAC TTC GCT TTC GCC ATG ACC TTC TTC AGC CTG GCC
R   A   C   T   Y   F   A   F   A   M   T   F   F   S   L   A>
____a____a____a____HUMAN PROSTAGLANDIN E RECEPTOR 2____a____a____a____>

    440          450          460          470          480
ACG ATG CTC ATG CTC TTC GCC ATG GCC CTG GAG CGC TAC CTC TCG ATC
T   M   L   M   L   F   A   M   A   L   E   R   Y   L   S   I>
____a____a____a____HUMAN PROSTAGLANDIN E RECEPTOR 2____a____a____a____>

    490          500          510          520
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GGG CAC CCC TAC TTC TAC CAG CGC CGC GTC TCG CGC TCC GGG GGC CTG
G   H   P   Y   F   Y   Q   R   R   V   S   R   S   G   G   L>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 2___a___a___a___>

530          540          550          560          570
GCC GTG CTG CCT GTC ATC TAT GCA GTC TCC CTG CTC TTC TGC TCG CTG
A   V   L   P   V   I   Y   A   V   S   L   L   F   C   S   L>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 2___a___a___a___>

580          590          600          610          620
CCG CTG CTG GAC TAT GGG CAG TAC GTC CAG TAC TGC CCC GGG ACC TGG
P   L   L   D   Y   G   Q   Y   V   Q   Y   C   P   G   T   W>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 2___a___a___a___>

630          640          650          660          670
TGC TTC ATC CGG CAC GGG CGG ACC GCT TAC CTG CAG CTG TAC GCC ACC
C   F   I   R   H   G   R   T   A   Y   L   Q   L   Y   A   T>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 2___a___a___a___>

680          690          700          710          720
CTG CTG CTG CTT CTC ATT GTC TCG GTG CTC GCC TGC AAC TTC AGT GTC
L   L   L   L   L   I   V   S   V   L   A   C   N   F   S   V>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 2___a___a___a___>

730          740          750          760
ATT CTC AAC CTC ATC CGC ATG CAC CGC CGA AGC CGG AGA AGC CGC TGC
I   L   N   L   I   R   M   H   R   R   S   R   R   S   R   C>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 2___a___a___a___>

770          780          790          800          810
GGA CCT TCC CTG GGC AGT GGC CGG GGC GGC CCC GGG GCC CGC AGG AGA
G   P   S   L   G   S   G   R   G   G   P   G   A   R   R   R>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 2___a___a___a___>

820          830          840          850          860
GGG GAA AGG GTG TCC ATG GCG GAG GAG ACG GAC CAC CTC ATT CTC CTG
G   E   R   V   S   M   A   E   E   T   D   H   L   I   L   L>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 2___a___a___a___>

870          880          890          900          910
GCT ATC ATG ACC ATC ACC TTC GCC GTC TGC TCC TTG CCT TTC ACG ATT
A   I   M   T   I   T   F   A   V   C   S   L   P   F   T   I>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 2___a___a___a___>

920          930          940          950          960
TTT GCA TAT ATG AAT GAA ACC TCT TCC CGA AAG GAA AAA TGG GAC CTC
F   A   Y   M   N   E   T   S   S   R   K   E   K   W   D   L>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 2___a___a___a___>

970          980          990          1000
CAA GCT CTT AGG TTT TTA TCA ATT AAT TCA ATA ATT GAC CCT TGG GTC
Q   A   L   R   F   L   S   I   N   S   I   I   D   P   W   V>
___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 2___a___a___a___>

1010          1020          1030          1040          1050
TTT GCC ATC CTT AGG CCT CCT GTT CTG AGA CTA ATG CGT TCA GTC CTC
F   A   I   L   R   P   P   V   L   R   L   M   R   S   V   L>
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Monday, May 19, 2003 3:18 PM

___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 2___a___a___a___>

1060	1070	1080	1090	1100
TGT TGT CGG ATT TCA TTA AGA ACA CAA GAT GCA ACA CAA ACT TCC TGT				
C C R I S L R T Q D A T Q T S C>				

___a___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 2___a___a___a___>

1110	1120	1130	1140		1150
TCT ACA CAG TCA GAT GCC AGT AAA CAG GCT GAC CTT TGA CTC GAG TCT				>XhoI	>XbaI
S T Q S D A S K Q A D L *>					

___a___a___HUMAN PROSTAGLANDIN E RECEPTOR 2___a___a___>

>ApaI	>PmeI
1160	
AGA GGG CCC GTT TAA AC	