

Human Prostaglandin D2 receptor, chemoattractant receptor-homologous molecule expressed on TH2 cells (CRTH2/GPR44)

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                                >KpnI
                                |
                    >AflIII    >Asp7181
                    |         |
>NheI    >PmeI    >HindIII    >BamHI
|         |         |         |
|         |         |         |
10        20        30        40        50
GCTAGCGTTTTAACTTAAGCTTGGTACCGAGCTCGGATCCACTAGTCCAG
CGATCGCAAATTTGAATTCGAACCATGGCTCGAGCCTAGGTGATCAGGTC

                >EcoRI
                |
        >BstXI |
        |       |
        |       |
60       70       80       90       100
TGTGGTGGAATTCACCATGTTCGGCCAACGCCACACTGAAGCCACTCTGCC
ACACCACCTTAAGTGGTACAGCCGGTTGCGGTGTGACTTCGGTGAGACGG
      M S A N A T L K P L C>
      _____HUMAN PROSTAGLANDIN D2 RECE_____>

110       120       130       140       150
CCATCCTGGAGCAGATGAGCCGTCTCCAGAGCCACAGCAACACCAGCATC
GGTAGGACCTCGTCTACTCGGCAGAGGTCTCGGTGTCGTTGTGGTCGTAG
P I L E Q M S R L Q S H S N T S I>
      _____HUMAN PROSTAGLANDIN D2 RECEPTOR_____>

160       170       180       190       200
CGCTACATCGACCACGCGGCCGTGCTGCTGCACGGGCTGGCCTCGCTGCT
GCGATGTAGCTGGTGCGCCGGCACGACGACGTGCCCCGACCGAGCGACGA
R Y I D H A A V L L H G L A S L L>
      _____HUMAN PROSTAGLANDIN D2 RECEPTOR_____>

210       220       230       240       250
GGGCCTGGTGGAGAATGGAGTCATCCTCTTCGTGGTGGGCTGCCGATGC
CCCGGACCACCTCTTACCTCAGTAGGAGAAGCACCACCCGACGGCGTACG
G L V E N G V I L F V V G C R M>
      _____HUMAN PROSTAGLANDIN D2 RECEPTOR_____>

260       270       280       290       300
GCCAGACCGTGGTCACCACCTGGGTGCTGCACCTGGCGCTGTCCGACCTG
CGGTCTGGCACCAGTGGTGGACCCACGACGTGGACCGCGACAGGCTGGAC
R Q T V V T T W V L H L A L S D L>
      _____HUMAN PROSTAGLANDIN D2 RECEPTOR_____>

310       320       330       340       350
TTGGCCTCTGCTTCCCTGCCCTTCTTCACCTACTTCTTGGCCGTGGGCCA
AACCGGAGACGAAGGGACGGGAAGAAGTGGATGAAGAACCGGCACCCGGT
L A S A S L P F F T Y F L A V G H>
      _____HUMAN PROSTAGLANDIN D2 RECEPTOR_____>

360       370       380       390       400
CTCGTGGGAGCTGGGCACCACCTTCTGCAAAGTGCACCTCCTCCATCTTCT
GAGCACCTCGACCCGTGGTGGGAAGACGTTTGACGTGAGGAGGTAGAAGA
S W E L G T T F C K L H S S I F>

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_____HUMAN PROSTAGLANDIN D2 RECEPTOR_____>

410 420 430 440 450
TTCTCAACATGTTTCGCCAGCGGCTTCCTGCTCAGCGCCATCAGCCTGGAC
AAGAGTTGTACAAGCGGTTCGCCGAAGGACGAGTCGCGGTAGTCGGACCTG
F L N M F A S G F L L S A I S L D>

_____HUMAN PROSTAGLANDIN D2 RECEPTOR_____>

460 470 480 490 500
CGCTGCCTGCAGGTGGTGCGGCCGGTGTGGGCGCAGAACCACCGCACCGT
GCGACGGAGTCCACCACGCCGCCACACCCGCGTCTTGTTGGTGGCGTGGCA
R C L Q V V R P V W A Q N H R T V>

_____HUMAN PROSTAGLANDIN D2 RECEPTOR_____>

510 520 530 540 550
GGCCGCGGCGCACAAAGTCTGCCTGGTGCTTTGGGCACTAGCGGTGCTCA
CCGCGCGCCGCGTGTTTCAGACGGACCACGAAACCCGTGATCGCCACGAGT
A A A H K V C L V L W A L A V L>

_____HUMAN PROSTAGLANDIN D2 RECEPTOR_____>

560 570 580 590 600
ACACGGTGCCCTATTTTCGTGTTCCGGGACACCATCTCGCGGCTGGACGGG
TGTGCCACGGGATAAAGCACAAGGCCCTGTGGTAGAGCGCCGACCTGCCC
N T V P Y F V F R D T I S R L D G>

_____HUMAN PROSTAGLANDIN D2 RECEPTOR_____>

610 620 630 640 650
CGCATTATGTGCTACTACAATGTGCTGCTCCTGAACCCGGGGCCTGACCG
GCGTAATACAGATGATGTTACACGACGAGGACTTGGGCCCCGACTGGC
R I M C Y Y N V L L L N P G P D R>

_____HUMAN PROSTAGLANDIN D2 RECEPTOR_____>

660 670 680 690 700
CGATGCCACGTGCAACTCGCGCCAGGCGGCCCTGGCCGTGAGCAAGTTCC
GCTACGGTGCACGTTGAGCGCGGTCCGCCGGGACCGGCAGTCGTTCAAGG
D A T C N S R Q A A L A V S K F>

_____HUMAN PROSTAGLANDIN D2 RECEPTOR_____>

710 720 730 740 750
TGCTGGCCTTCCTGGTGCCGCTGGCGATCATCGCCTCGAGCCACGCGGCC
ACGACCGGAAGGACCACGGCGACCGCTAGTAGCGGAGCTCGGTGCGCCGG
L L A F L V P L A I I A S S H A A>

_____HUMAN PROSTAGLANDIN D2 RECEPTOR_____>

760 770 780 790 800
GTGAGCCTGCGGTTGCAGCACCGCGGCCCGCGGCCAGGCCGCTTCGT
CACTCGGACGCCAACGTCGTGGCGCCGGCGGCCCGCGGTCCGGCGAAGCA
V S L R L Q H R G R R R P G R F V>

_____HUMAN PROSTAGLANDIN D2 RECEPTOR_____>

810 820 830 840 850
GCGCCTGGTGGCGGCCGTGCTGGCCGCCTTCGCGCTCTGCTGGGGGCCCT
CGCGGACCACCGCCGGCAGCACCGGCGGAAGCGCGAGACACCCCCGGA
R L V A A V V A A F A L C W G P>

_____HUMAN PROSTAGLANDIN D2 RECEPTOR_____>

860 870 880 890 900

