5-Hydroxytryptamine (serotonin) receptor 7A (HTR7A) 3xHA-tagged (N-terminus) Sequence Range: 1 to 1446

> KpnI
  | 20 30 40 50
AGCTTGGTACCACCACATGTACCACCATACGATGTTCCAGATTTACGCTTA
MYPYDPDYAYYP>_______HTR7A 3xHA_________>____3xHA-TAG_____

> Asp718I
  | 10 20 30 40 50
| 10 20 30 40 50
TACGATGTCCAGATTACGCCCTACCATACGATGCTCAGATTTACGCTTA
YDPDPDYAYYP>_______HTR7A 3xHA_________>____3xHA-TAG_____

> NotI
  | 110 120 130 140 150
TATGGACGTTAACAGCAGCGGCCGCCGACCTCTACGGGCACCTCCGCTA
MDVNSGRPDLYGHLR>_______HTR7A 3xHA_________>_____

> | 160 170 180 190 200
CTTCTCTCTGCCAGAAGTGGGGCGCGGGCTGCCCGACCTTGAGCCCGAC
SFLLPEDVGRGLPDSPD>_______HTR7A 3xHA_________>____

> | 210 220 230 240 250
GGTGCCCGCCGACCCCGTCGCTCGCCGGCTCCGCCGACCTGAGCCCGAC
GADPVAGSWAPHLLE>_______HTR7A 3xHA_________>____

> | 260 270 280 290 300
GGTGACAGCCCAGCCCCGCCCACCTGGGACGCGCCCCGACATGGCCT
VTASPAPTWDAPPDNA>_______HTR7A 3xHA_________>____

> | 310 320 330 340 350
CCGGCTGTTGGGGAACAGATCAACTACGGCAGAGTCGAGAAAGTGTGAC
SGCGEQUINYGRVEKVVI>_______HTR7A 3xHA_________>____

> | 360 370 380 390 400
GGCTCCATCCTGCAGCTCATCCCCGCTACGCTGACGATCAGCCGGCAACTGC
GSILTLTLLTIAAGNC>_______HTR7A 3xHA_________>____

> | 410 420 430 440 450
GGTGTTGATCTCGTGCTGCTTCGTAAGAAGCTACGCCGGCAGCCTCCAAACT
VVIVSCFCFKKLRRQPSN>_______HTR7A 3xHA_________>____
ACCTGATCTGTCCCTGGCGCTGGCCGACCTCTCGGTGGCTGTGGCGGTC
Y L I V S L A L A D L S V A V A V>

___________________HTR7A 3XHA____________________>

ATGCCCTTCGTCAGCCGTCAGCCACCTCTATCGGGGGAATGGGATCTTTGG
M P F V S V T D L I G G K W I F G>

___________________HTR7A 3XHA____________________>

ACACTTTTTCTGTAAATGTCTTCATCGCCATGGACGTACGTGCATGCACGG
H F F C N V F I A M D V M C C T>

___________________HTR7A 3XHA____________________>

>Asp718I
|   |
610 620 630 |640| 650
CCTCGATCATGACCCCTGTGCGTGATCAGCATGACATTGACCGTACCTTGAGATC
A S I M T L C V I S I D R Y L G I>

___________________HTR7A 3XHA____________________>

ACAAGGGCCCCCCCTCACATACCCCTGTAGGGGGAATGGGAAATGCATGGGAA
T R P L T Y P V R Q N G K C M A K>

___________________HTR7A 3XHA____________________>

GATGATTCTCTCCGTCTGGCTTCTCTCCGCCTCCATCACCTACCTTCAC
M I L S V W L L S A S I T L P>

___________________HTR7A 3XHA____________________>

TCTTTGGATGGCCTATACGATTTACTCTACCCAGTGGCATTTTATATCCC
Q D F G Y T I Y S T A V A F Y I P>

___________________HTR7A 3XHA____________________>

>BstXI
|   |
|810 820 830 840 850
CAGGACTTTGCTATACGATTTACTCTACCCAGTGGCATTTTATATCCC
Q D F G Y T I Y S T A V A F Y I P>

___________________HTR7A 3XHA____________________>

CATGTCCGTATGCCTTTCTATGTACTACCCACATATTACGAATGGGAGTCG
M S V M L F M Y Y Q I Y K A A R>

___________________HTR7A 3XHA____________________>
AGAGTGCTGCGCCAAACACAAGTTTCTGGCTTCCTCAGAGTGAGCCAGAC
K S A A K H K F P G F P R V E P D>

AGCGTCATCGCCCTGTGATGGCATGATGCTCCCAAGAGGAGTGAGGAGA
S V I A L N G I V K L Q K E V E E>

GTGTGCAAAACCTTTCGAGACTCCTCAAGCATGAAAGGAAAGGAAAACATCTCCA
C A N L S R L L K H E R K N I S>
>XbaI

| 1410 1420 1430 1440 |
GCTGACTACTGTAGAAAAAAAGGTCATGATTCATGATTGATCTAGA
A D Y C R K K G H D S *>
______________________HTR7A 3XHA__________________>