

Supplementary information, Fig. S12

a

230 240 250 260 270 280 290 300
 . . . | . . . | . . . | . . . | . . . | . . . | . . . | . . . | . . . | . . . | . . . | . . . | . . . | . . . | . . . | . . . |
 5-HTR1A_human I R K T V K K V E K T G A D T R H G A S P A P Q P K K S V N G E S G S R N W R L G V E S K A G G A L C A N G A V R Q G D D G A A L E V I E V H R V G N
 5-HTR1B_human I L K Q T P N R T G K R L T R A Q L I T D S P G S T S S V T S I N - S R - - V P D V P S E S G S P V Y V N - Q V K V - - - - -
 310 320 330
 . . . | . . . | . . . | . . . | . . . | . . . | . . . |
 5-HTR1A_human S K E H L P L P S E A G P T P C A P A S F E R K N E R N A E A K R K M
 5-HTR1B_human - - - - - R V S D A L L E - K K K L

b

Partial Code	Range	Pattern
Code 1	229 234	TV-KKVE
Code 2	233 239	VEKTGAD
Code 3	234 239	EK-TGAD
Code 4	240 245	TR-HGAS
Code 5	253 258	SV-NGES
Code 6	258 263	SG-SRNW

Supplementary information, Fig. S12| ICL3 of 5HTR1A and 5-HTR1B. a, ICL3 sequence comparison of 5-HTR1A with 5-HTR1B with serine or threonine residues on 5-HTR1A ICL3 highlighted. b, Phosphorylation codes on ICL3 of 5-HTR1A.