

FIG. 1A

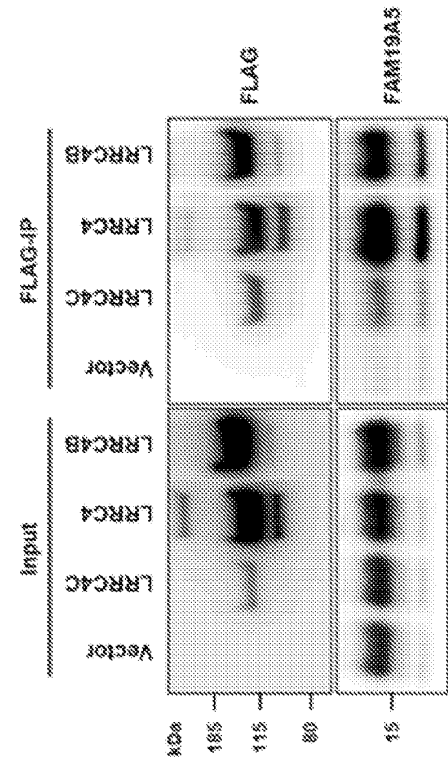


FIG. 1B

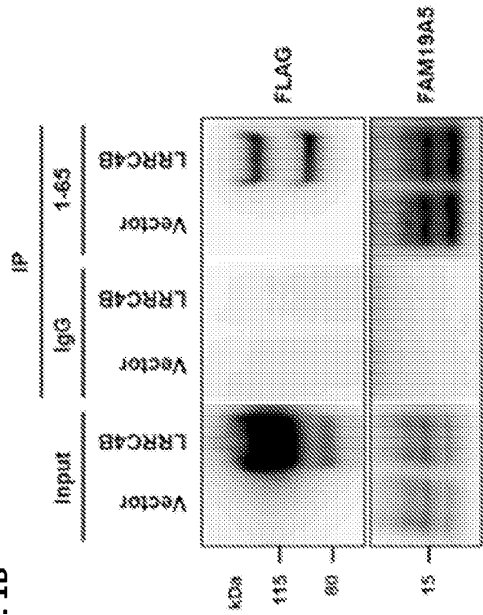




FIG. 1C



FIG. 1D

FIG. 2A

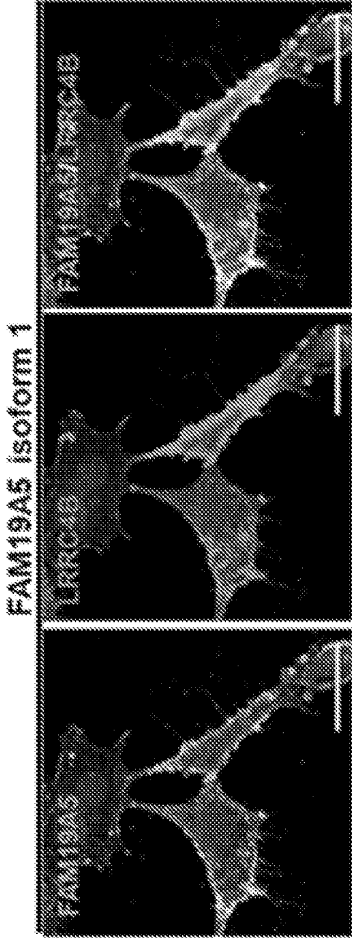


FIG. 2B

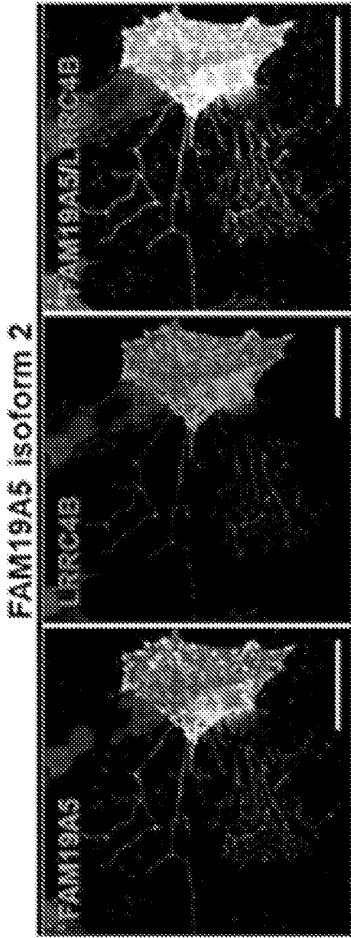


FIG. 2C

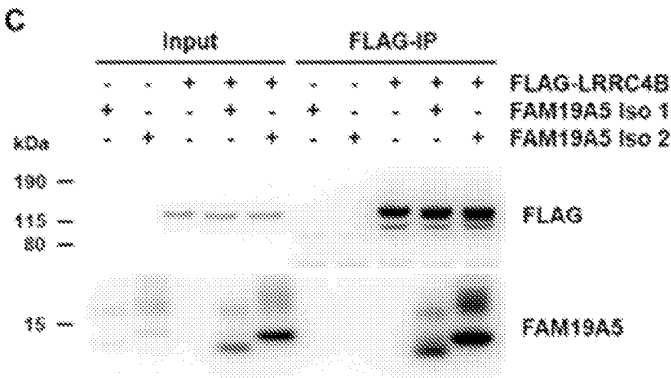


FIG. 2D

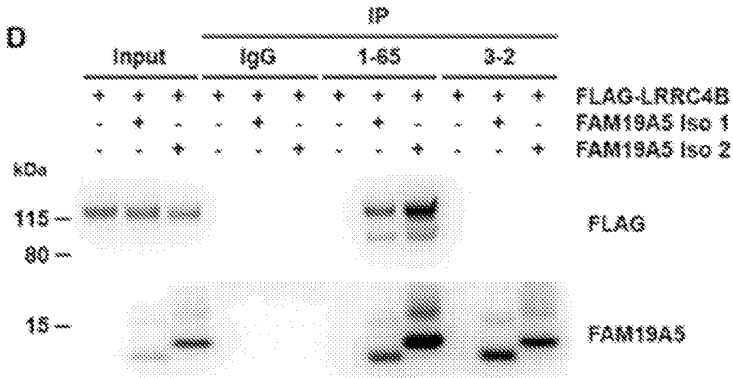


FIG. 3A

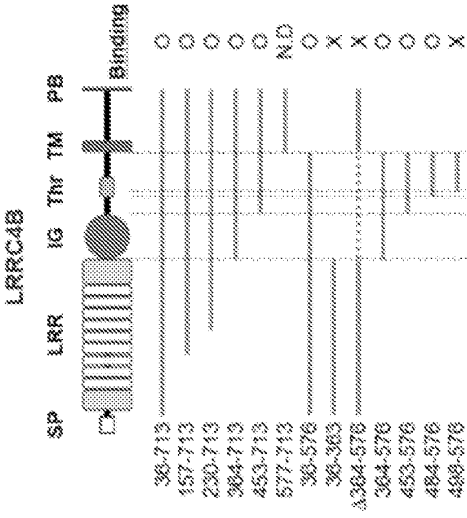


FIG. 3B

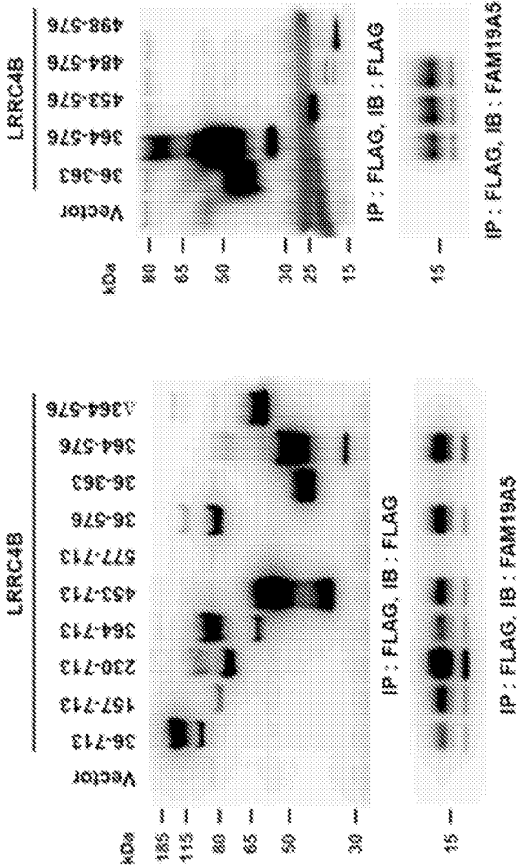


FIG. 4A

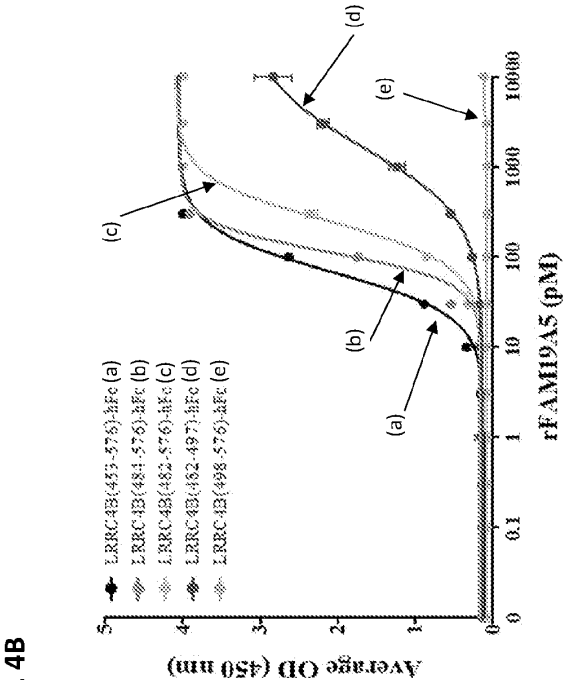
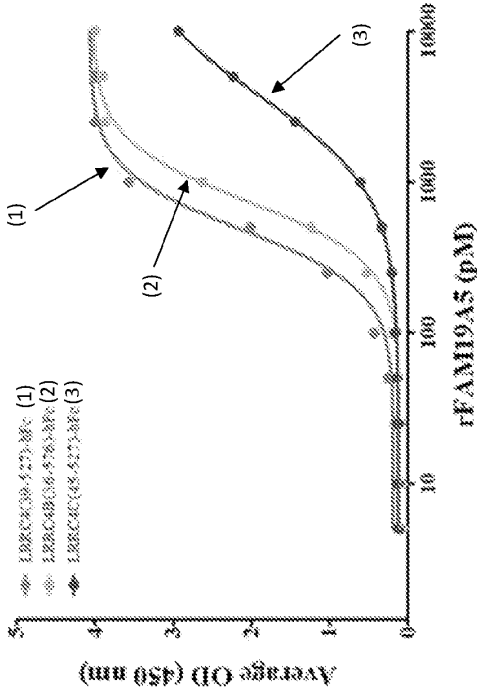


FIG. 5A

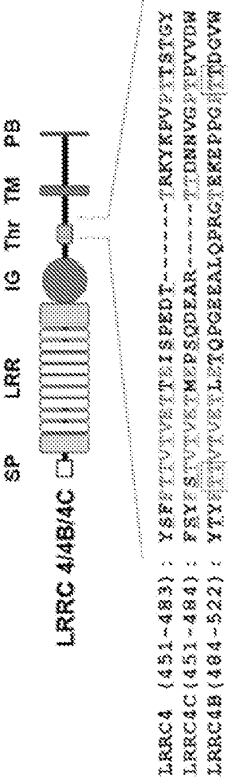


FIG. 5B

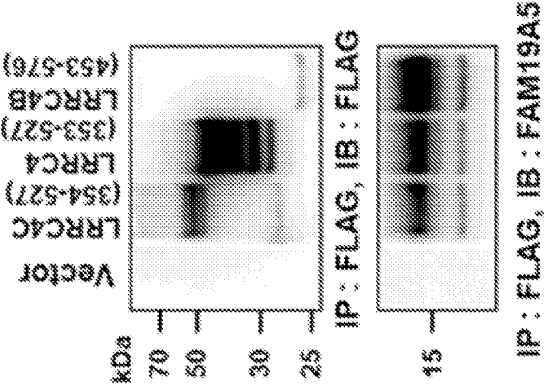


FIG. 6

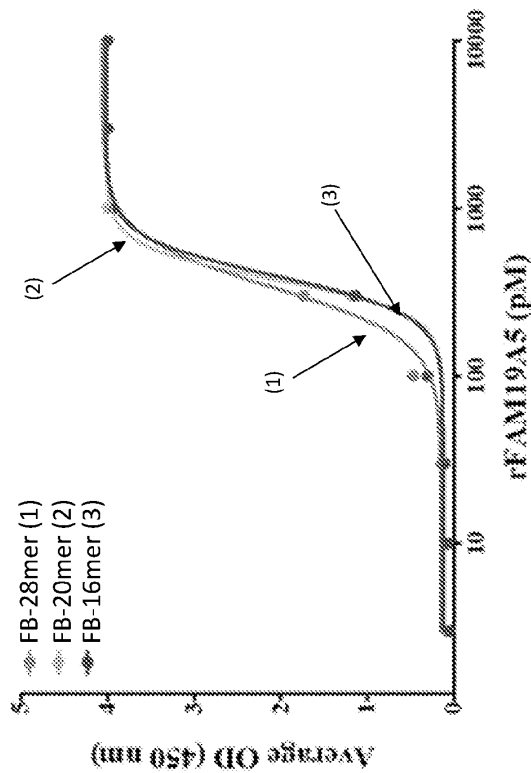


FIG. 7

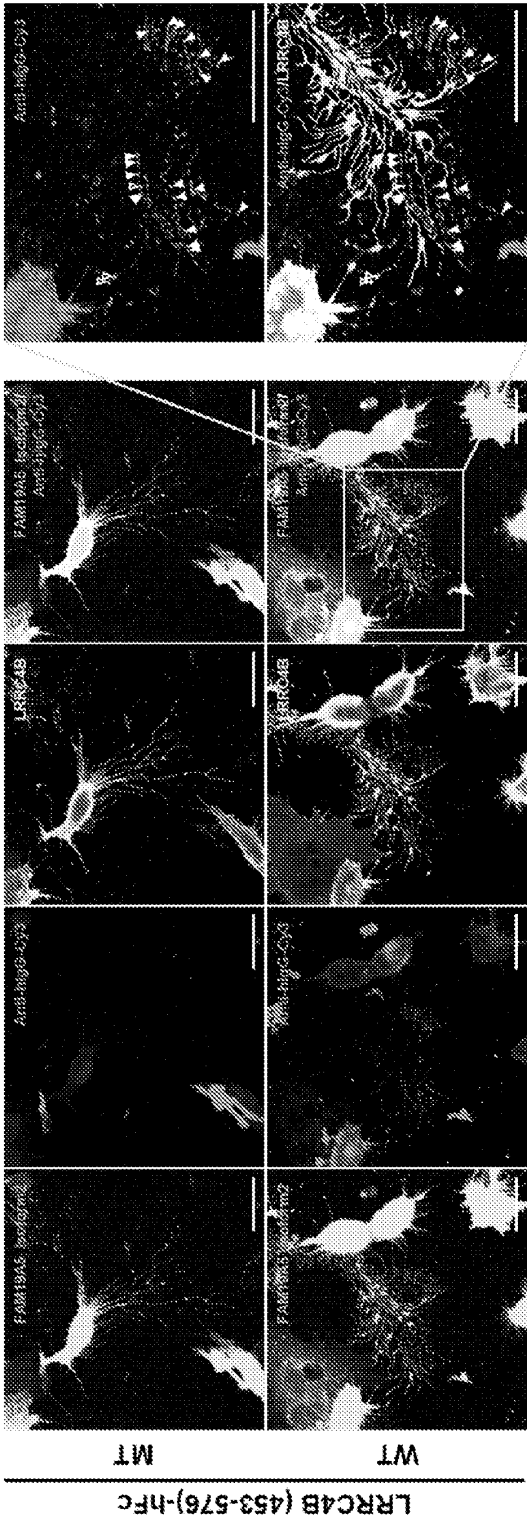


FIG. 8A

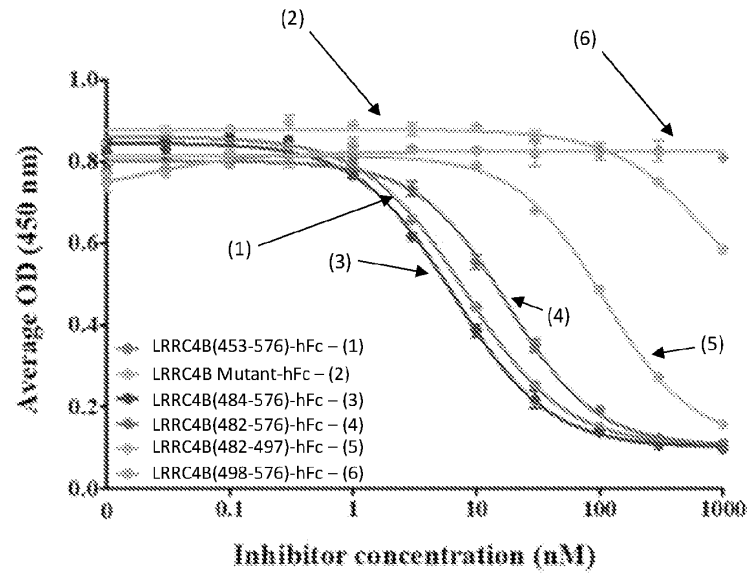


FIG. 8B

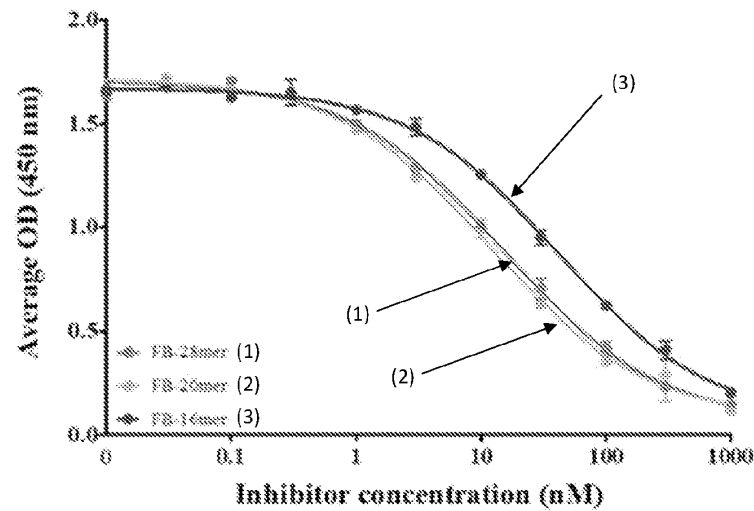


FIG. 9C

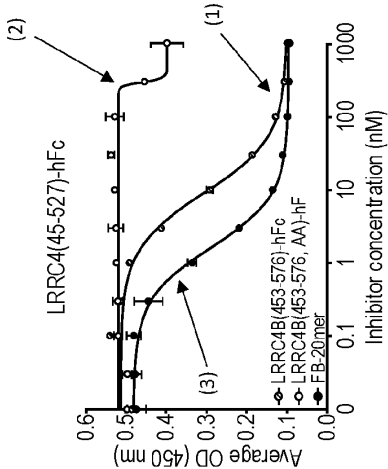


FIG. 9B

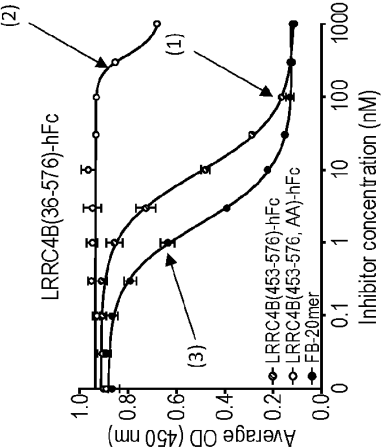


FIG. 9A

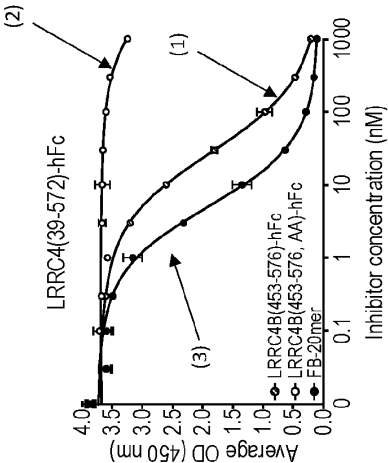


FIG. 10B

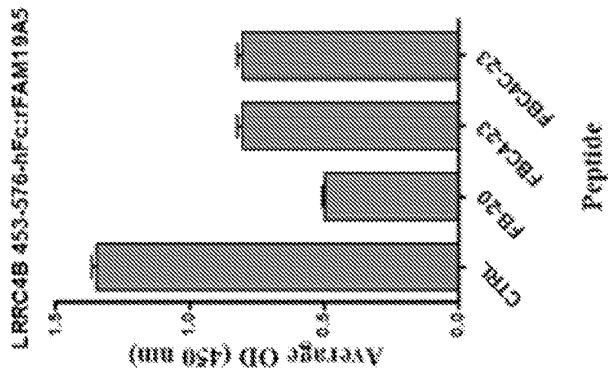


FIG. 10A

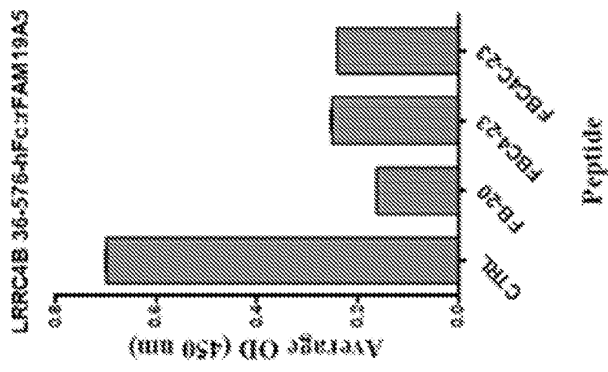


FIG. 11A

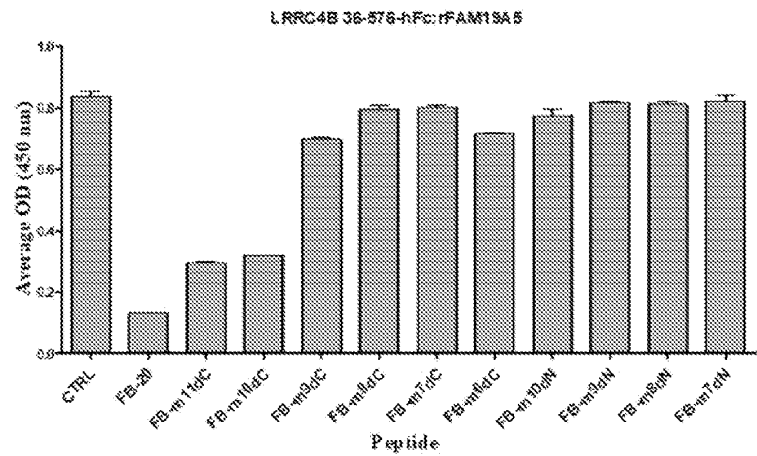


FIG. 11B

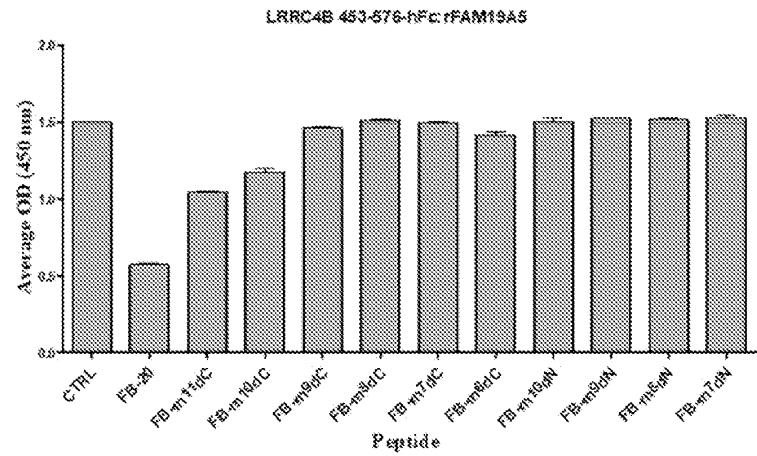


FIG. 12A

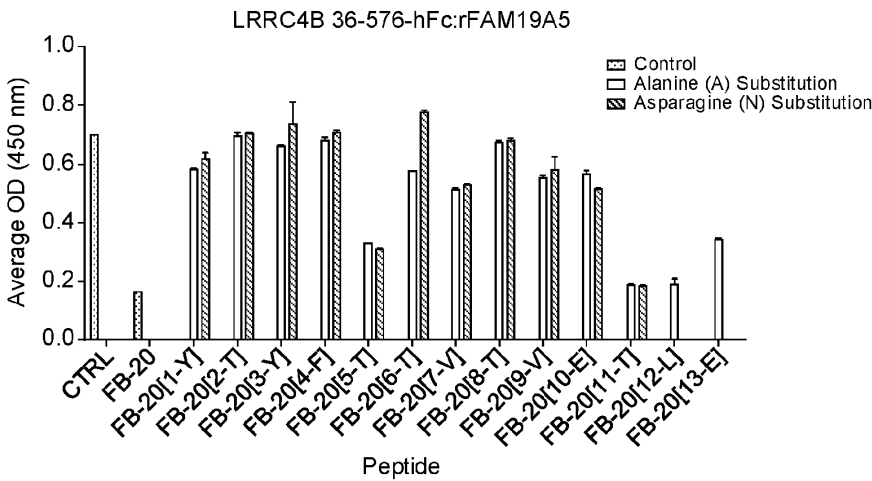


FIG. 12B

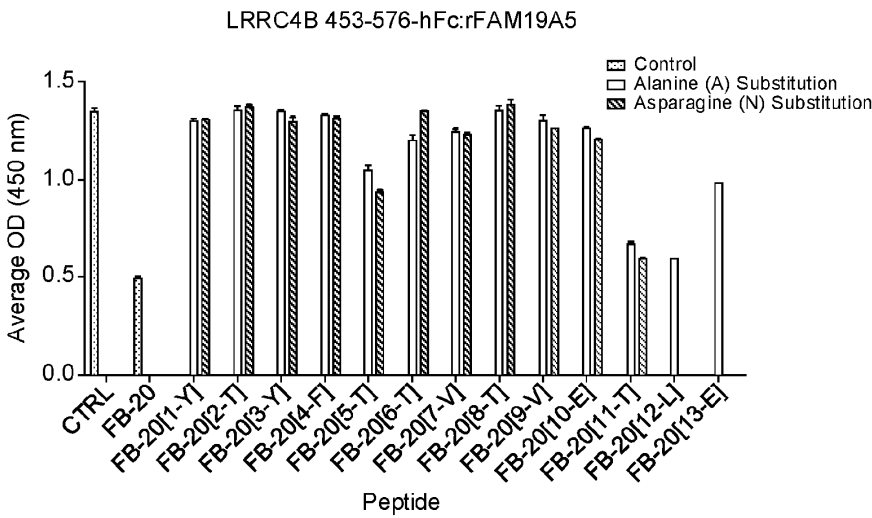


FIG. 13A

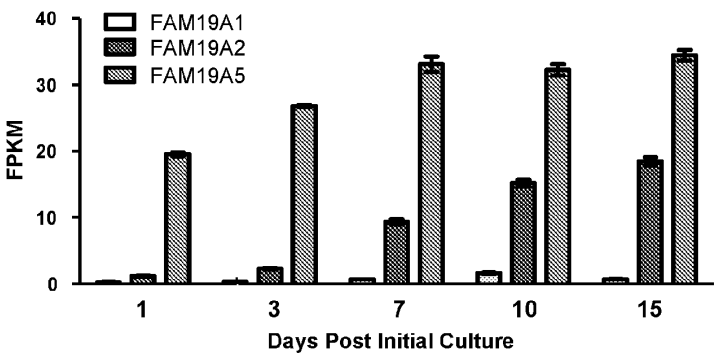
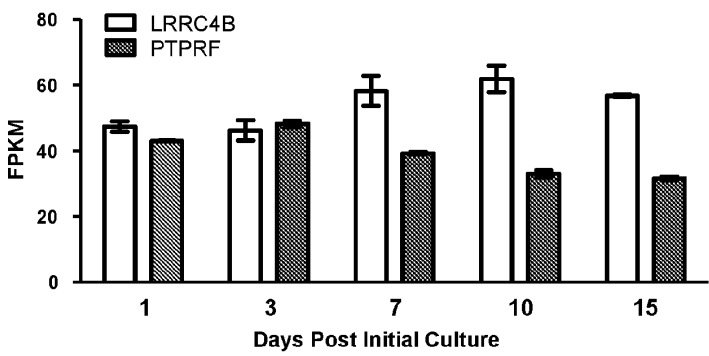


FIG. 13B



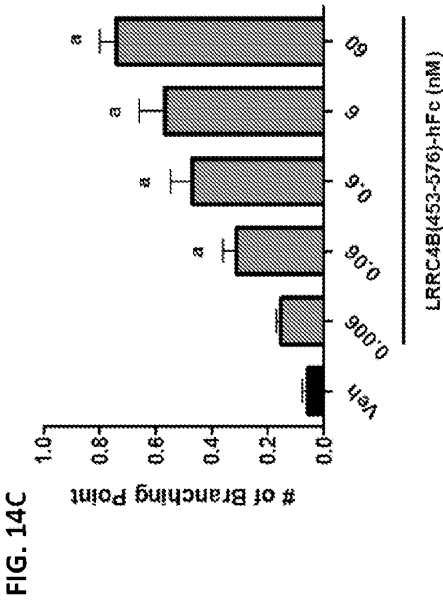
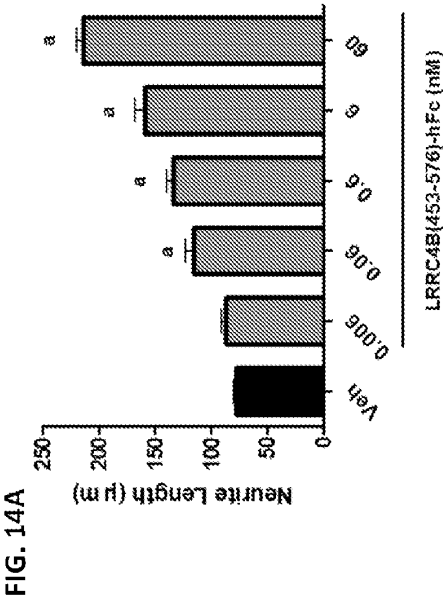
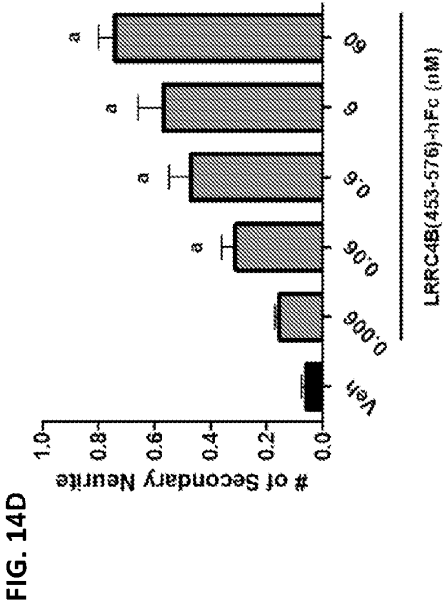
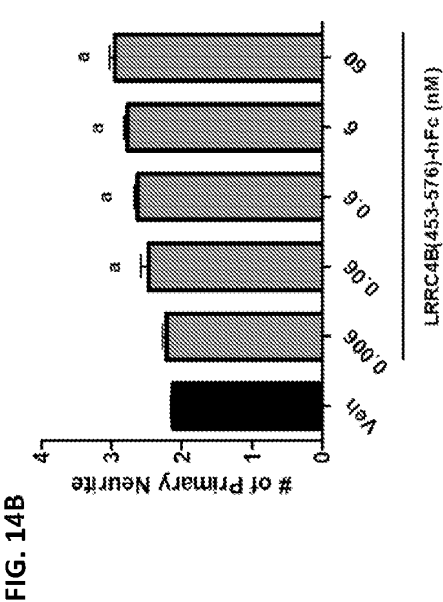


FIG. 15A

FIG. 15B

FIG. 15C

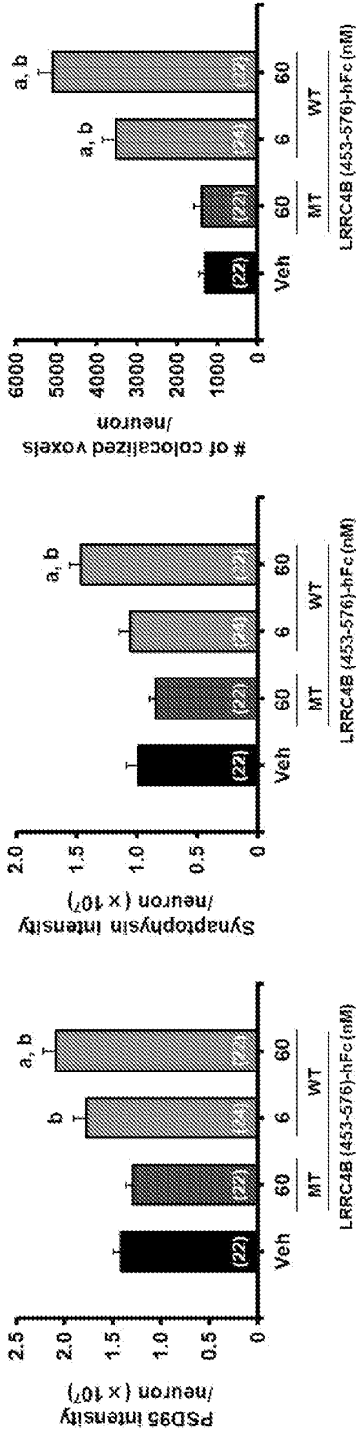


FIG. 16A

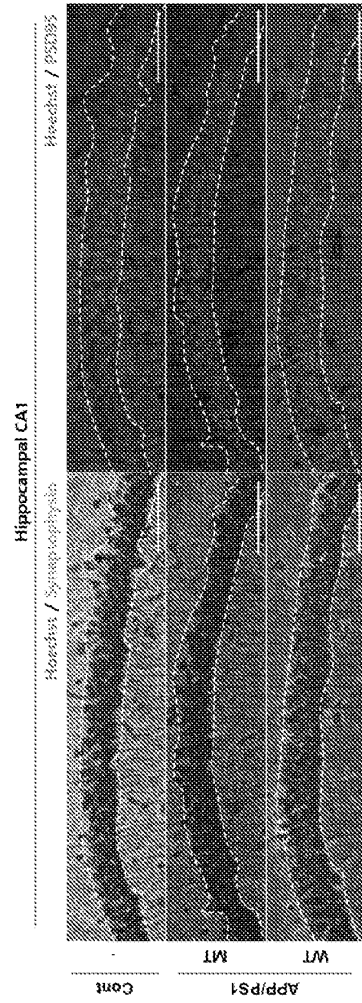


FIG. 16B

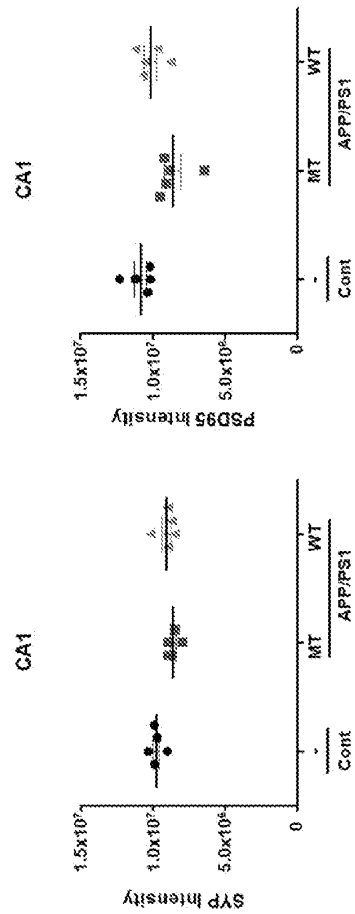


FIG. 17A

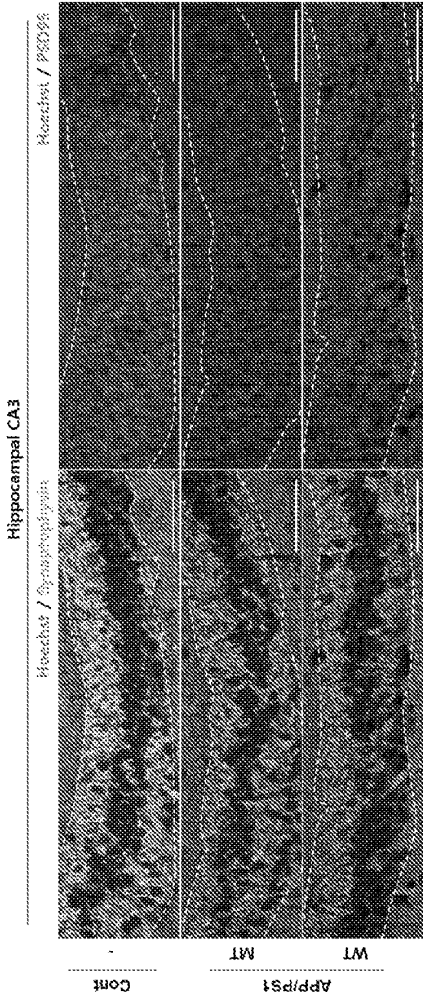


FIG. 17B

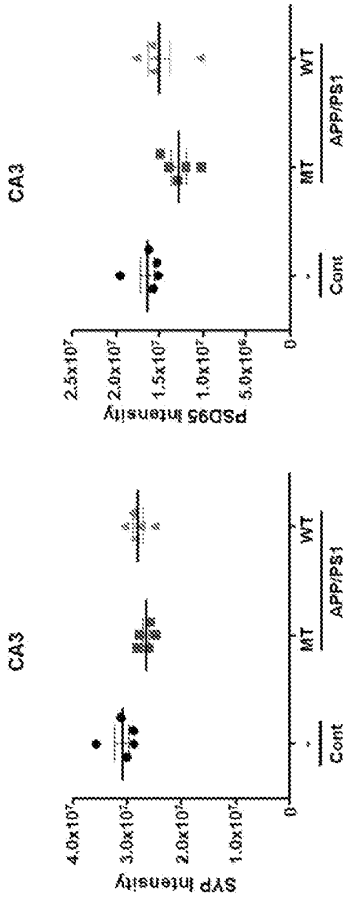


FIG. 17C

FIG. 18A

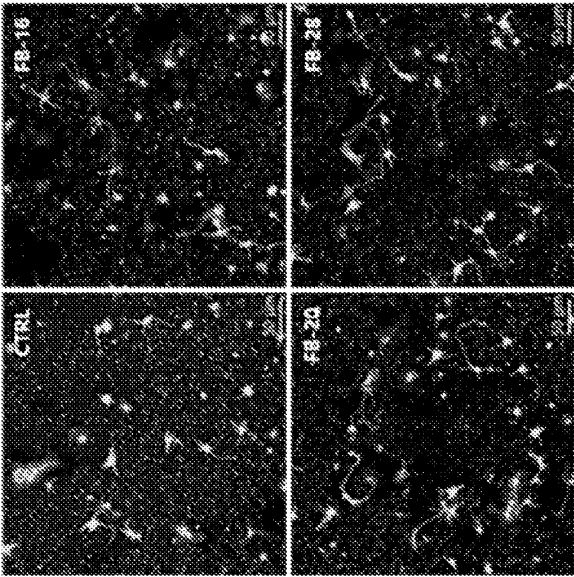


FIG. 18B

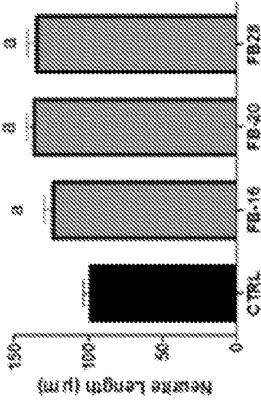


FIG. 18C

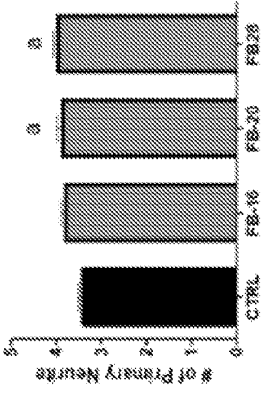


FIG. 18D

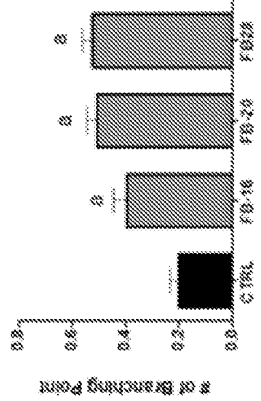
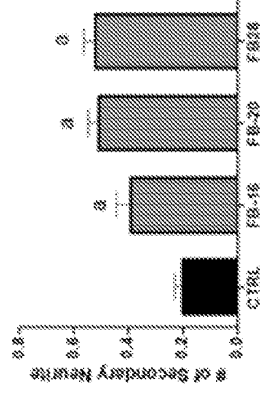


FIG. 18E



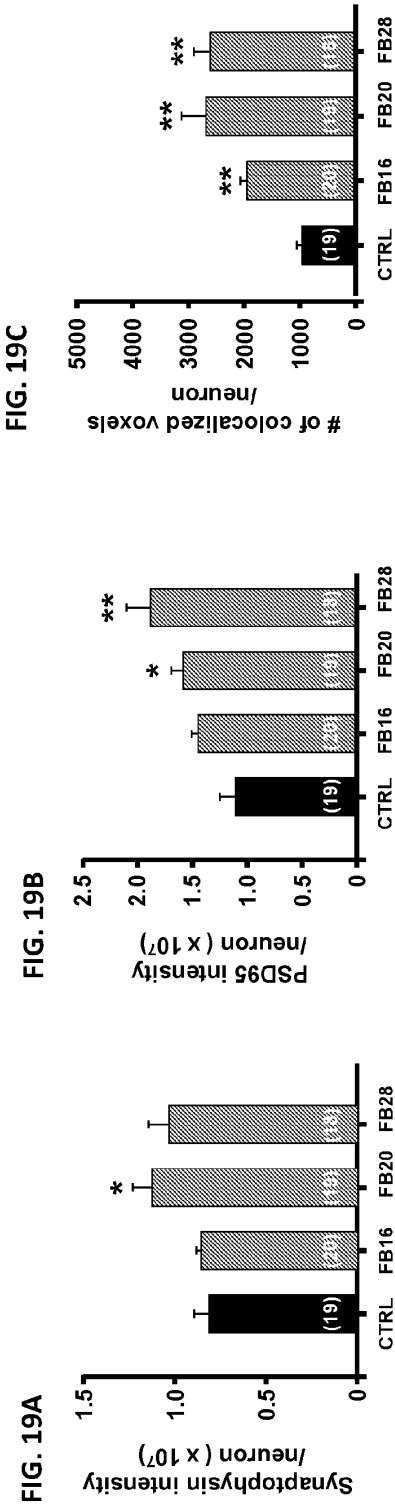


FIG. 20

```

Human C4 -----LNTSGYFFFTVTVETLEISFEDT-----TPKYKPVVTTG
Human C4B AAGGTGSGGGGPGGSGGQVGGGGGTYFTTTVTVETLEIQGEEALQEPGTEKEPPPGPTTD
Human C4C AA-----TTTFSSYFTTVTVETVMSQD-EAKTTDN-----VGPTFY
Coelac C4B -----NNTYFTTVTVETVMSV-----VEEKPTLND-----PGPTFA
Coelac C4C -----NNTYFTTVTVETVMSQLDDTPTTEHN-----VGPTFT
Coelac C4 -----LNTSGYFFFTTITVETLAPSPGGAHFKPK-----VVTTPSTETK
Mouse C4B AA-----GPGGGGPGGGGAGGAGGTYFTTTVTVETLEIQGEEAQPPGTEKEPPPGPTTD
Platypus C4B ASGPASGPGGGGGGPGGAGGAGGTYFTTTVTVETLEIQGEEK-LILKATEKEKPGPTAA
Platypus C4C P-----GAGGPGG-P-----GAGGPGGTYFTTTVTVETLEIQGDEILLPGTEKEPPPGPTTD
Koala C4B -----GAGGPGG-P-----GAGGPGGTYFTTTVTVETLEIQGDEILLPGTEKEPPPGPTTD
Duck C4B AA-----AAAAAAAATGTYFTTTVTVETLEIQGEEAPAP-----QTAPAPTAG
Duck C4C -----NPGTYFTTVTVETVMSQDLEAQ-----TTEQVQPTVNT
Duck C4 -----LNTSGYFFFTVTVETLEISF-----EDVSPKFTK-----FVPTTS
Quail C4B -----AAAAAAAATAATGTYFTTTVTVETLEIQGGGGGGGDEDPALQTAFLPTLG
Chick C4C -----NNTYFTTVTVETVMSQDEAQ-TTEQVG-----PTVVIS
Turtle C4B TT-----GTYFTTVTVETVMSQDEALP-----TKKE-----PGPTFA
Lizard C4B TT-----GTYFTTVTVETVMSQDEESV-----PTKKE-PGPTFS
Lizard C4C -----GATLNVTAQEGTYFTTITVETVMSQD-EAKTTEQW-----PTPVIE
Toad C4B AT-----TNTYFTTVTVETVMSQDEET-----KSTENE-PGPTFT
Xenopus C4B ATT-----GTYFTTVTVETVMSQDEET-----KPTDKE-PGPTF
Cod-B C4B N-----NNTYFTTVTVETVMSQDEENDARQYINETLIEFSPPT
Cod-A C4B -----VSVMTYFTTVTVETVMSQDEEDSALTFFINETFLINIEG
Zfish-A C4B -----VSVMTYFTTVTVETVMSQDEEDSALTFFINETFLINIEG
Zfish-B C4B N-----GTYFTTVTVETVMSQDEEDSAPQVNETFLIEFPG
Shark-B C4B N-----NNTYFTTVTVETVMSQD-----EPKRAEPE-PGPTFS
S.Gar C4B -----STNNYTYFTTVTVETVMSQDEENDARQUINETYVQGPAP
S.Gar C4C -----NNTYFTTVTVETVMSQD-----EGETTEQN-VGPTAT
S.Gar C4 -----LNTSGYFTTVTVETVMSQD-----SEETKEETVETAP-----

```

1214367890000

YTYFTTVTVETLE

	PSF	S	I	VSTA
Amino acid residues	V			ISD
found in other	L			MG
vertebrates	I			I
				V

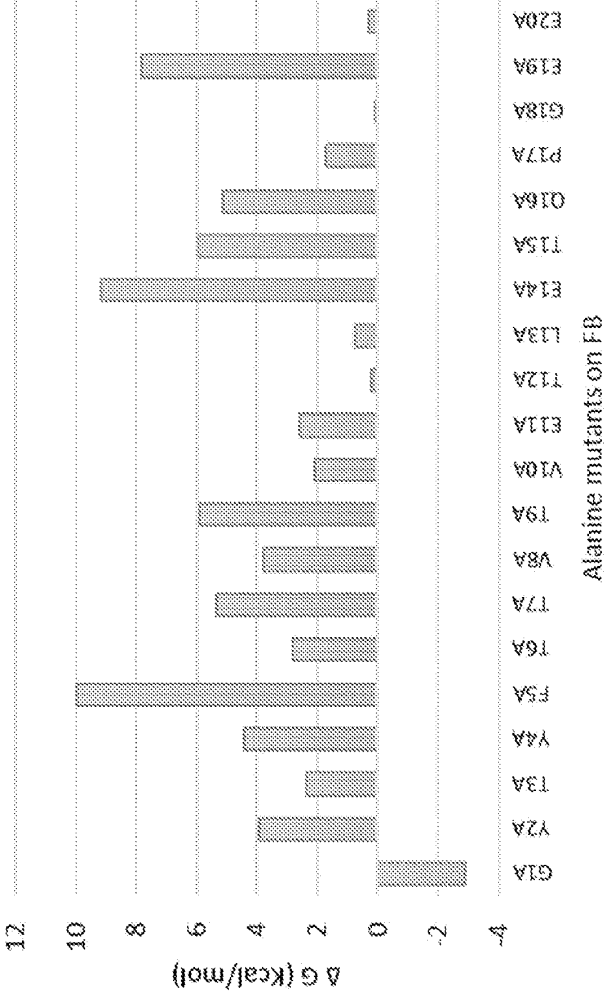


FIG. 21A

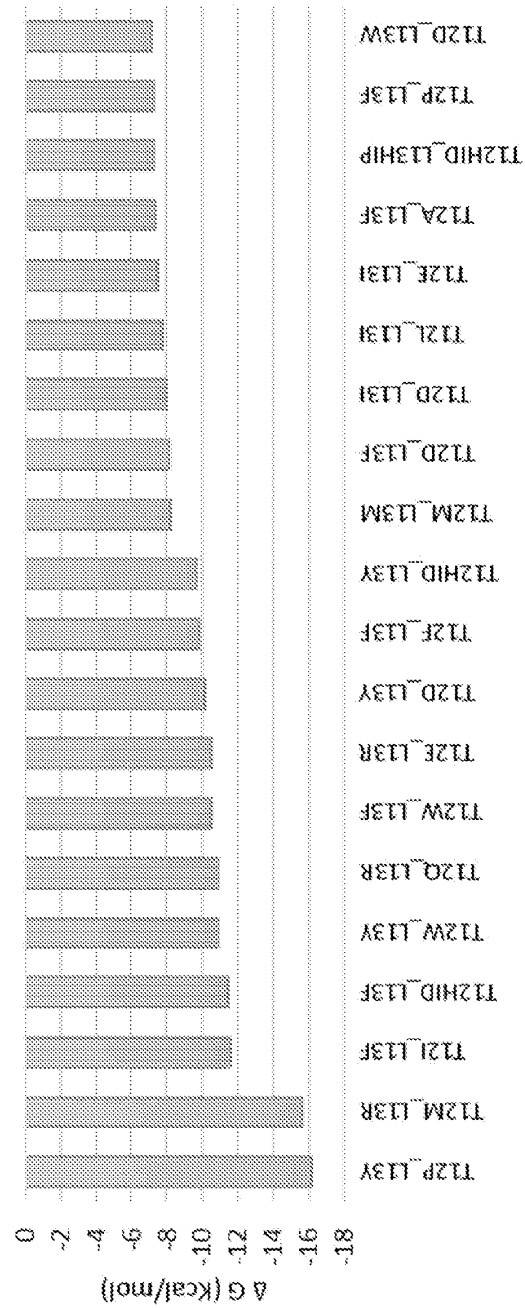


FIG. 21B

FIG. 22A

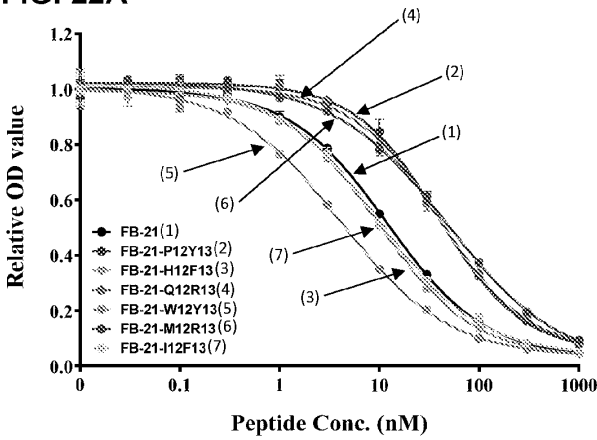


FIG. 22B

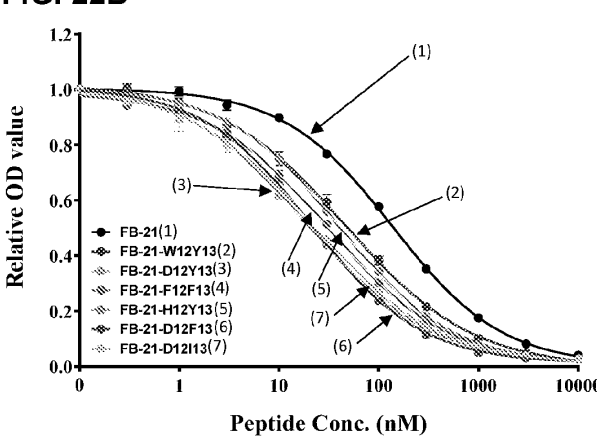


FIG. 22C

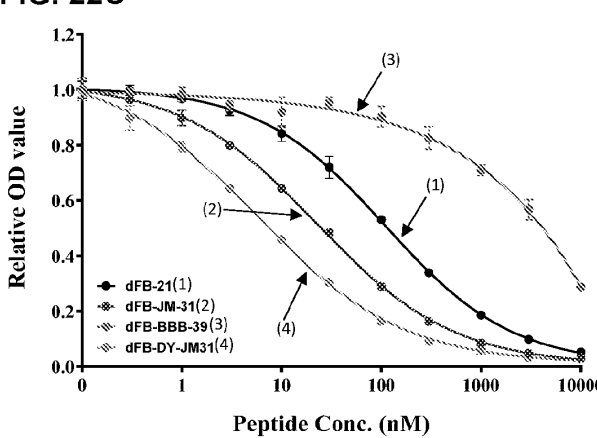


FIG. 22D

LRRC4
LRRC4B
LRRC4C

YSEETIVVETITLESPEPT-----TRKYKPVETSTGVQ-----PAYTSTVLIQTIE-VPQVAVAAVDTYDKMQTSDEVPANTTIIICQVAVITLAKAAVAVAV
 YTTTPTVVEELLTQGGHEALQPRGEXEPFGGTTDGVWGGGPGDAAQAPSSSTTAPAPRSSPTKEAATVPIIUVVYENALKKLDADWAKTSTIIICQVAVITLAKAAVAVAVAV
 RSPSTSTVVEIMLPSQDAR-----ITDNNVGPVVDW-----ETTNVTSITPQSTESIXETETETVVDIN-SGIPQGTDEVPANTTIIICQVAVITLAKAAVAVAVAVAV

FIG. 23A

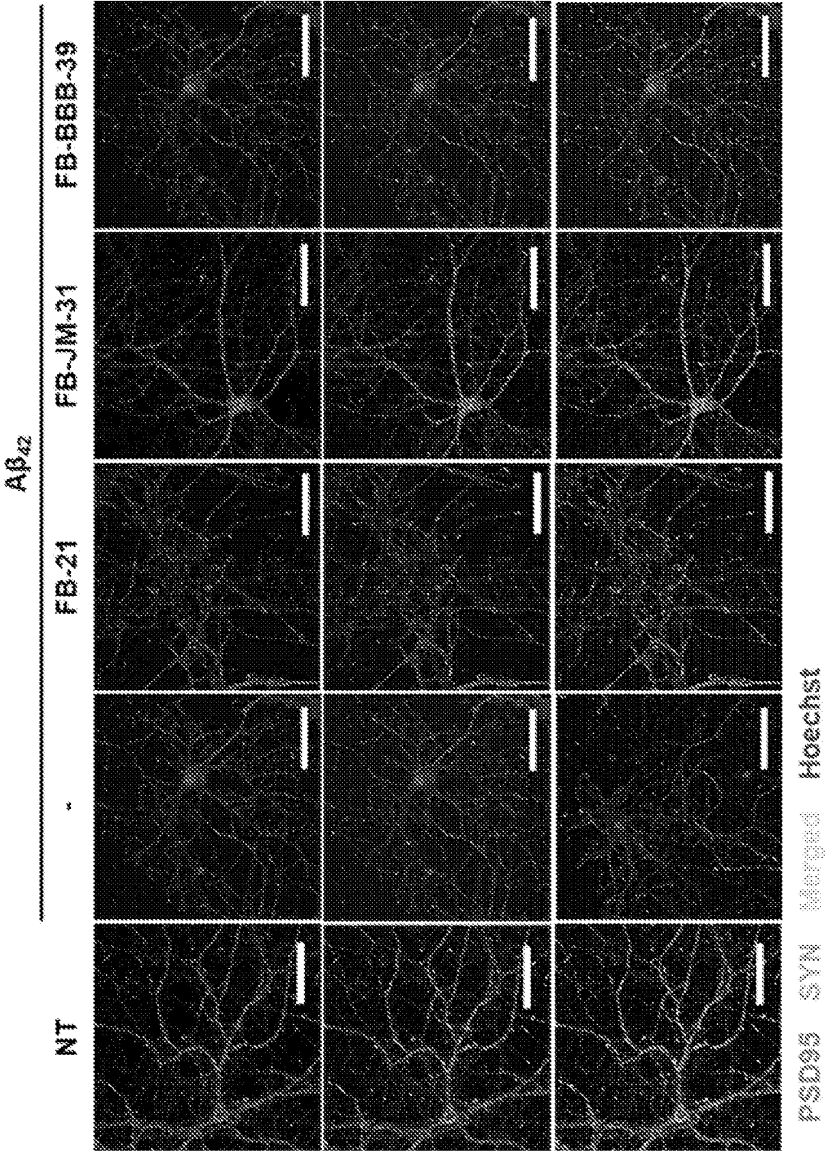


FIG. 23B

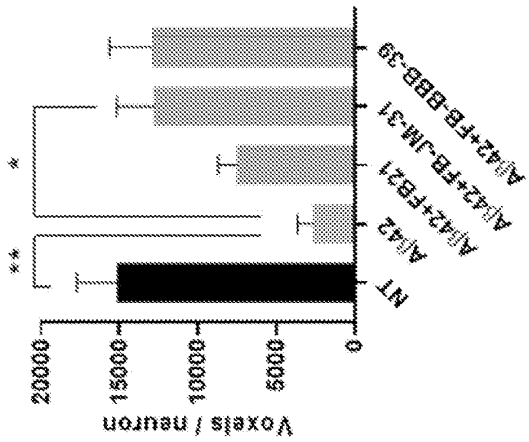


FIG. 23C

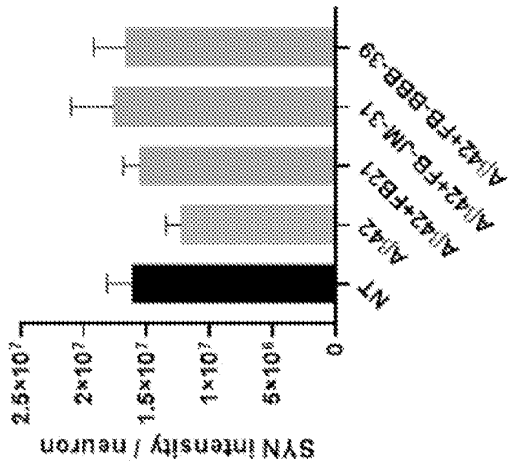


FIG. 23D

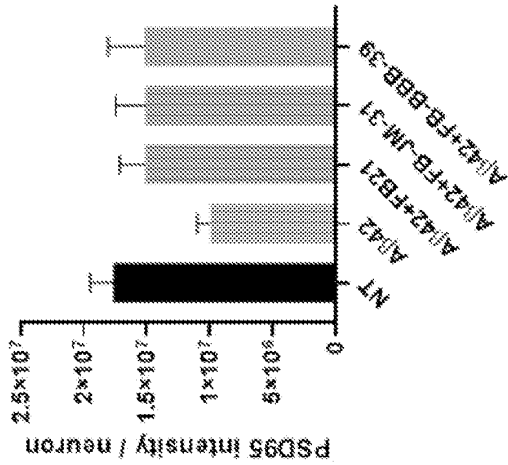


FIG. 24A

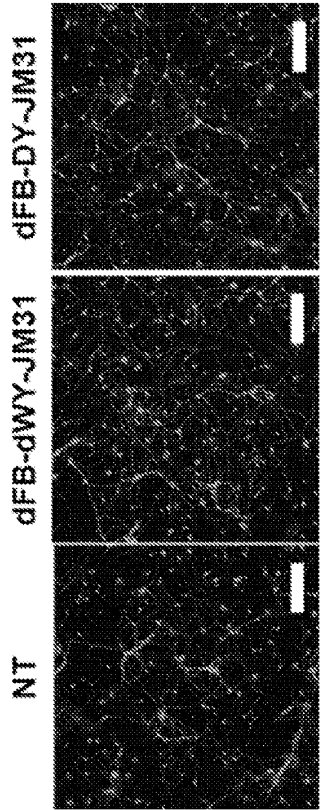


FIG. 24B

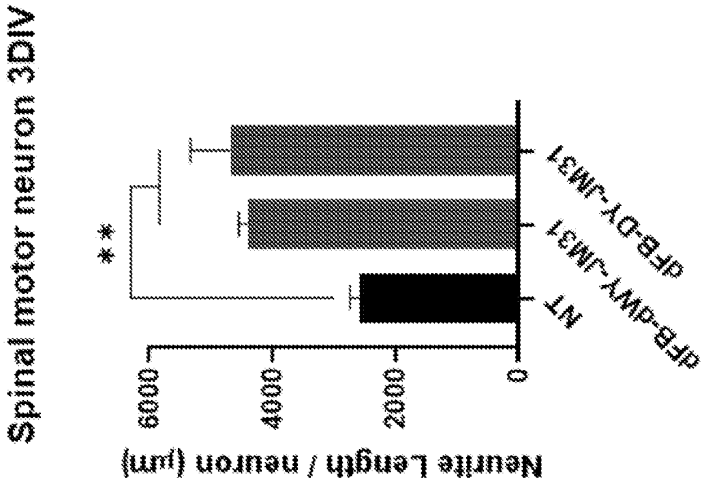


FIG. 25A

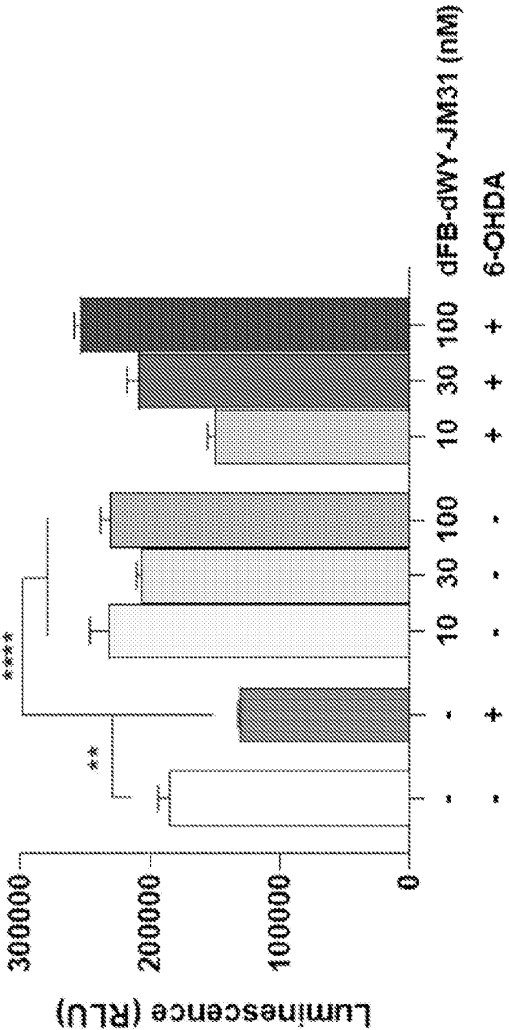


FIG. 25B

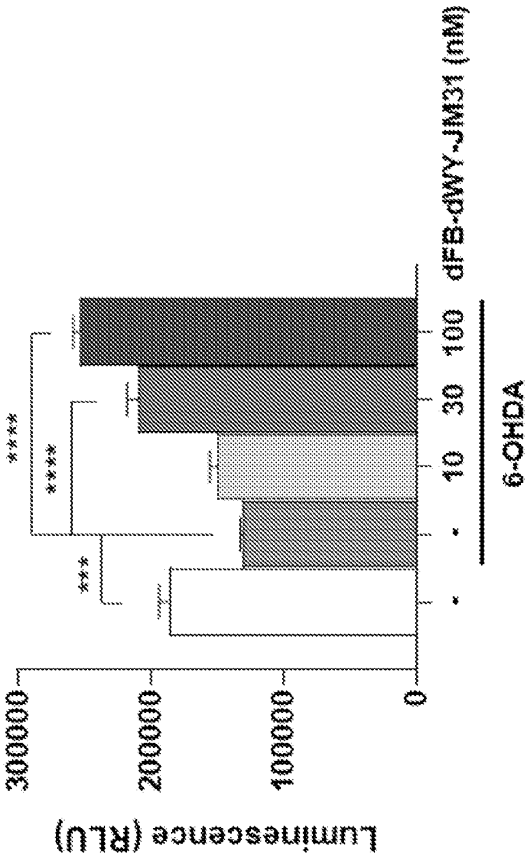


FIG. 26A

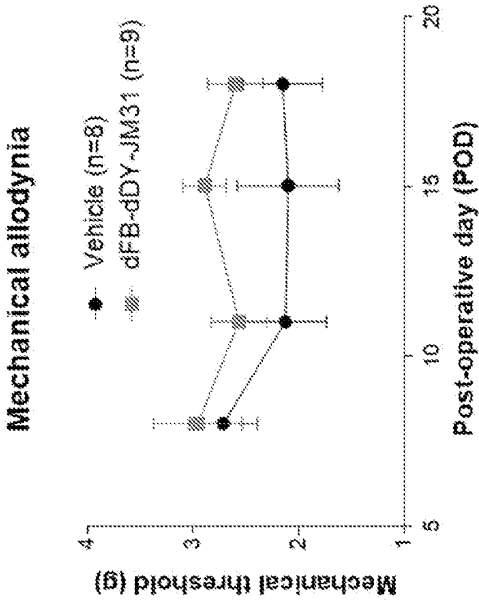


FIG. 26B

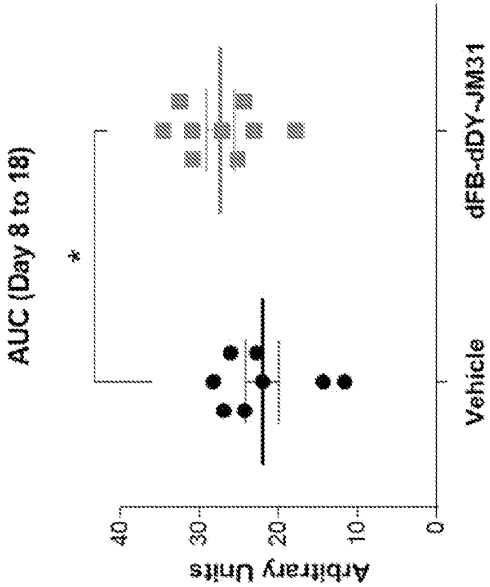


FIG. 27

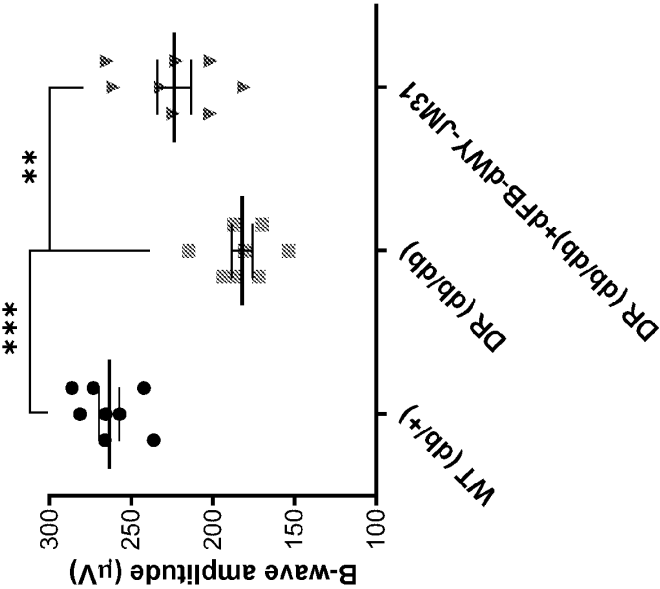


FIG. 28B

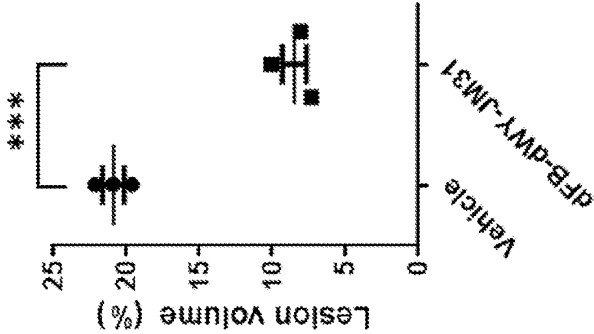


FIG. 28A

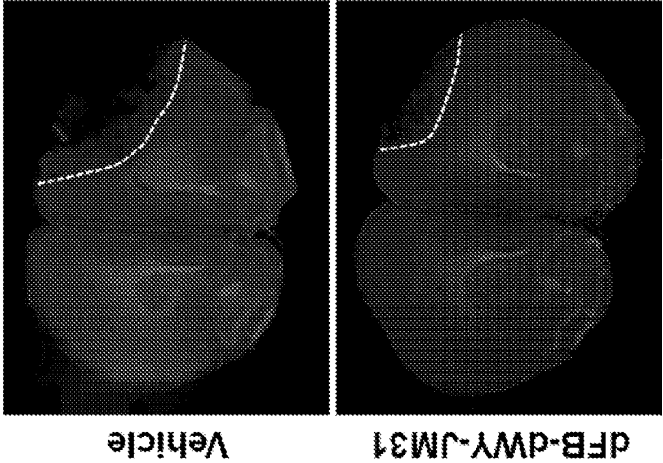


FIG. 29A

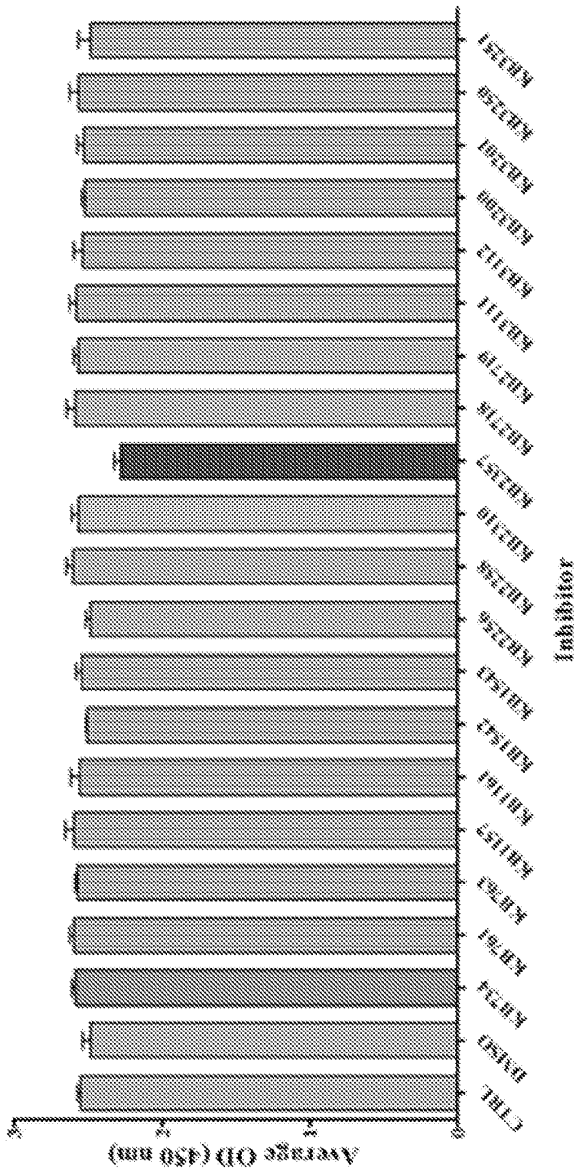


FIG. 29B

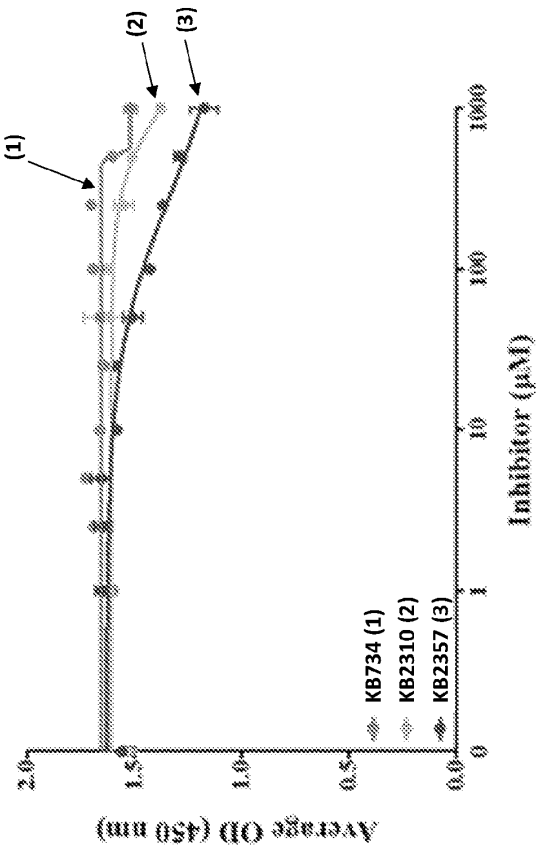


FIG. 30B

