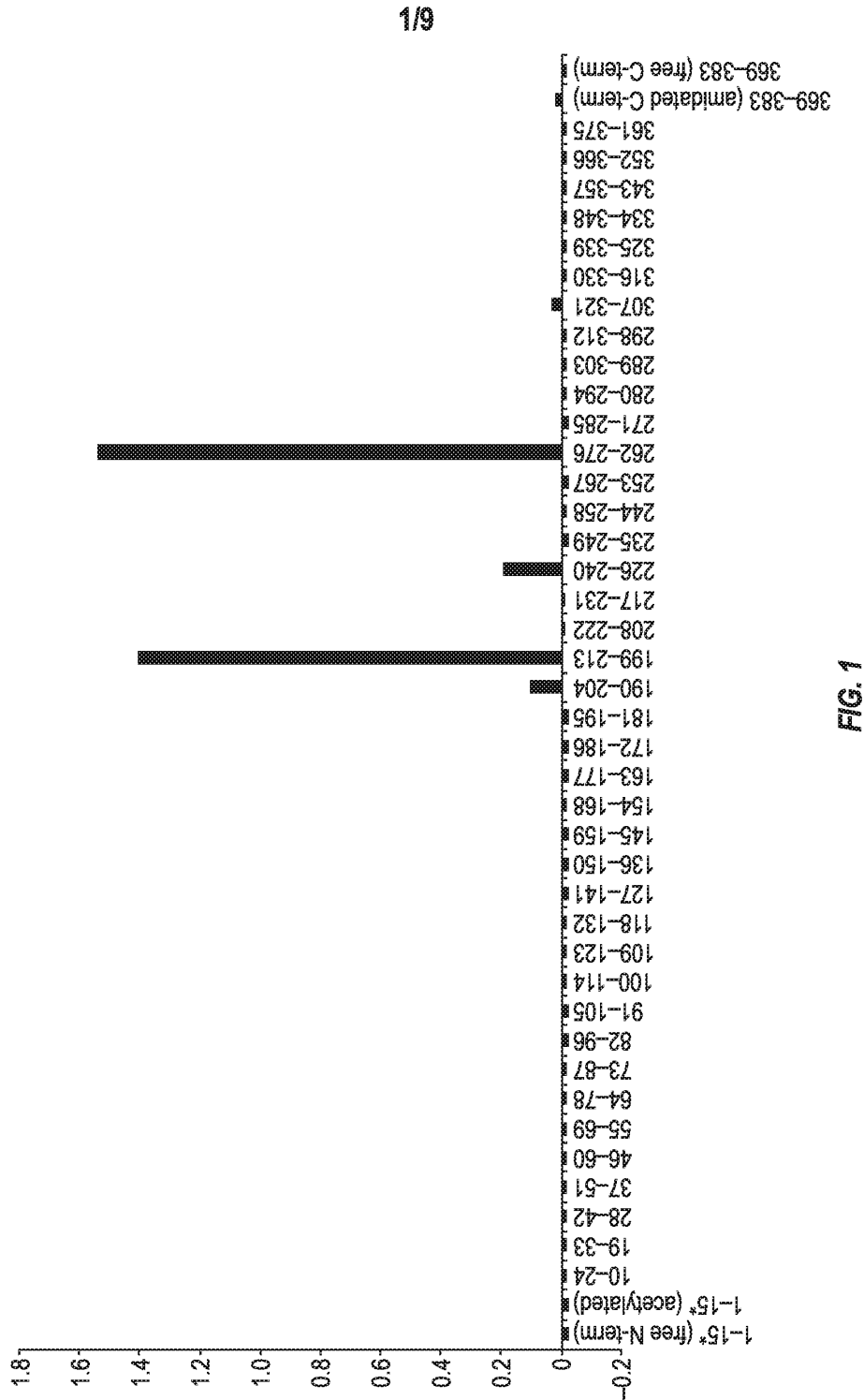




VH alignment

Majority

EVQLVQSGAEVVPGLVKISCKASCFNIKDYLHWVRQRPQGLEWIGWDPENG

[illegible]

mouse 3D6VH protein
h3D6VHv1 protein
h3D6VHv2 protein
h3D6VHv1b protein
h3D6VHv1bA11 protein
h3D6VHv5 protein

[illegible]

Majority

OTVYDPKQGXATITADTSTNTAYLQGLTSEDTAVEFCSTLDFWGQGLTVSS

70	80	90	100	110
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mouse 3D6VH protein
h3D6VHv1 protein
h3D6VHv2 protein
h3D6VHv1b protein
h3D6VHv1bA11 protein
h3D6VHv5 protein

[illegible]

SEQ ID NO: 44

SSEQ ID NO:7
 SSEQ ID NO:15
 SSEQ ID NO:16
 SSEQ ID NO:17
 SSEQ ID NO:18
 SSEQ ID NO:19

FIG. 2



FIG. 4A

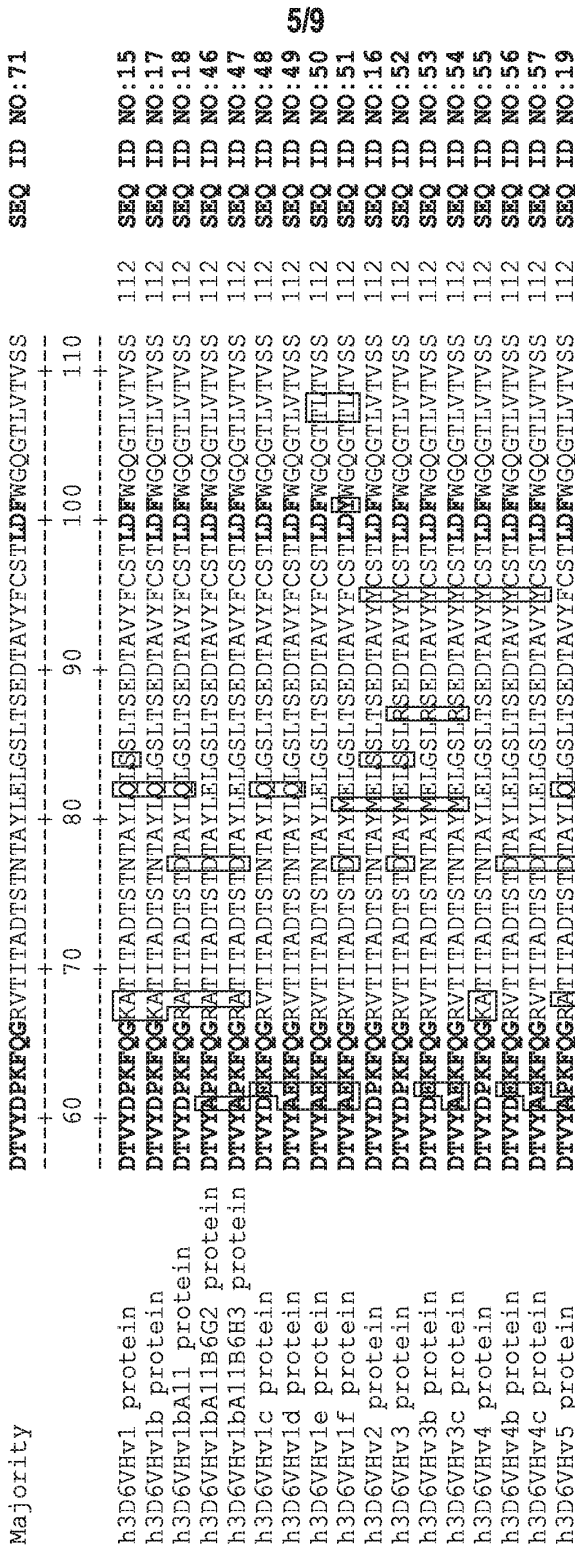
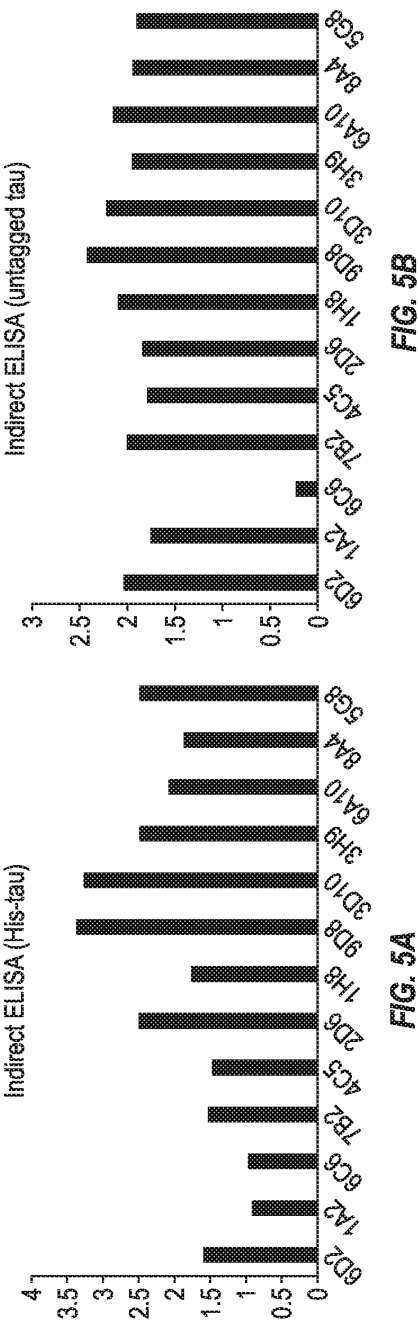
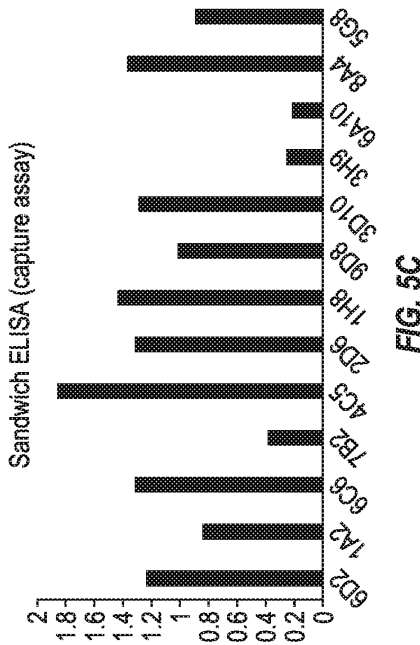


FIG. 4B



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Name	k_a (M ⁻¹ s ⁻¹)	k_d (s ⁻¹)	K_D (nM)
3D6	2.58×10^6	1.19×10^{-3}	0.46
1H8	5.07×10^5	5.61×10^{-3}	11.1
3H9	4.71×10^5	1.41×10^{-3}	3.0
5G8	3.75×10^5	2.54×10^{-3}	6.78
6D2	3.83×10^5	3.18×10^{-3}	8.29
7G6	5.76×10^5	3.32×10^{-3}	5.77
8A4	5.99×10^5	2.27×10^{-3}	3.8

FIG. 6

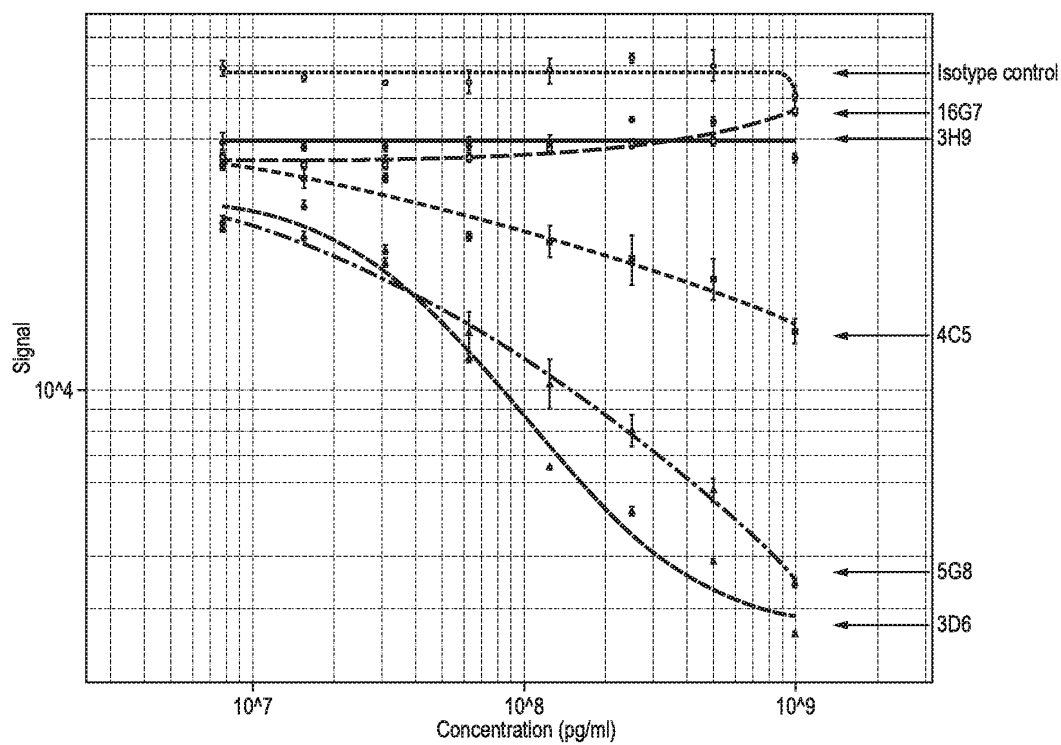


FIG. 7

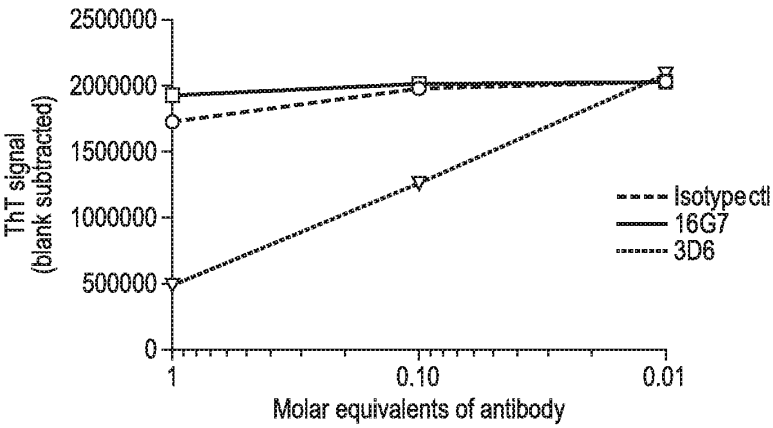


FIG. 8

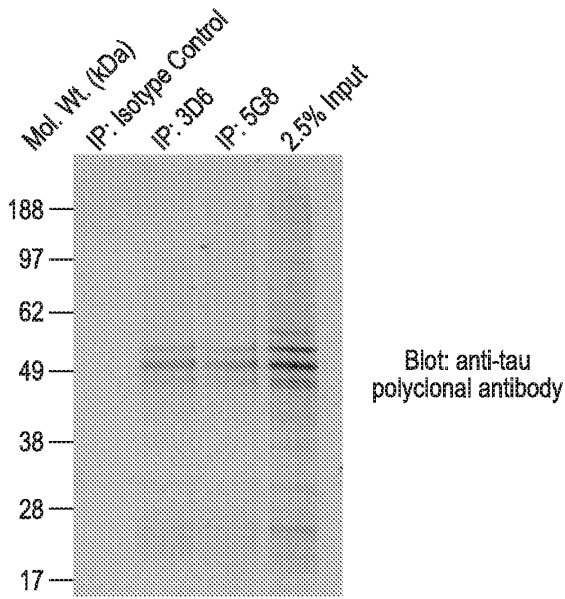


FIG. 9

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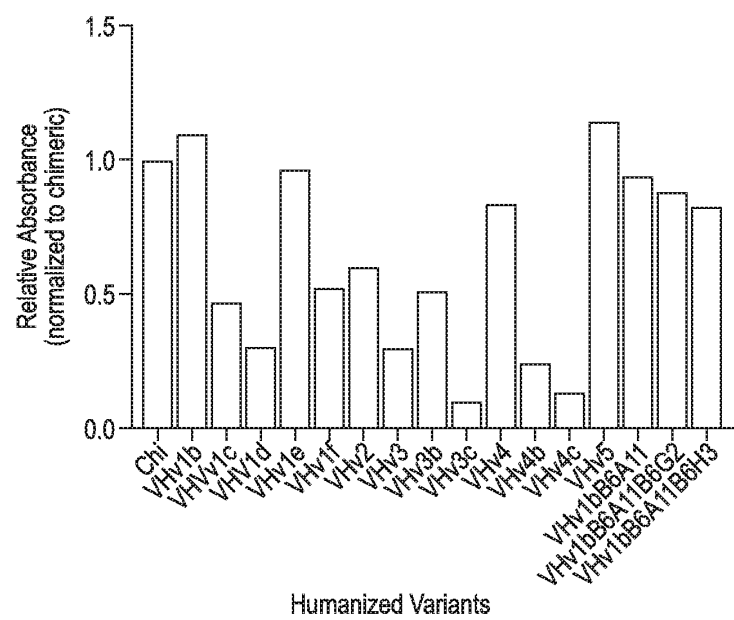


FIG. 10A

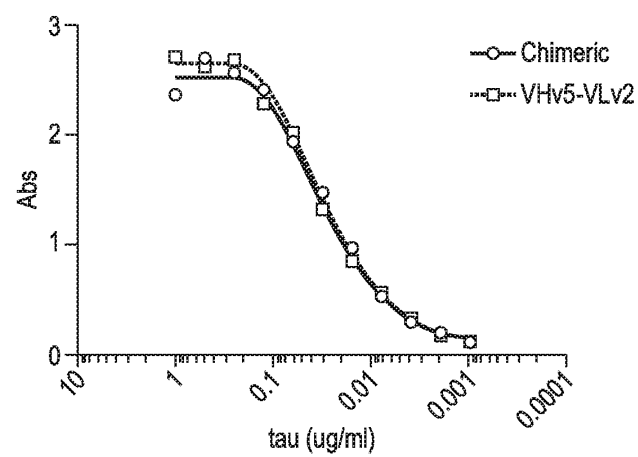


FIG. 10B

Name	$k_a(M^{-1}s^{-1})$	$k_d(s^{-1})$	$k_D(nM)$
h3D6-VHv5VLv2	9.03×10^6	9.14×10^{-4}	0.10

FIG. 10C