

FIG. 1A

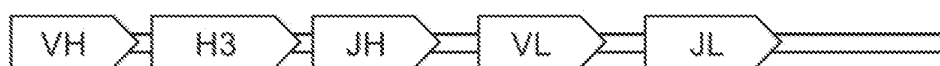


FIG. 1B

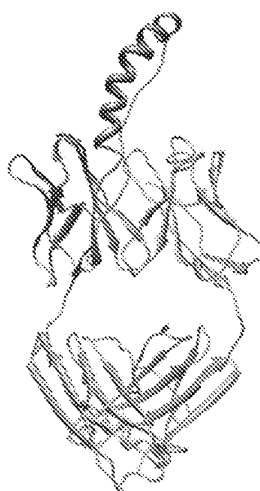
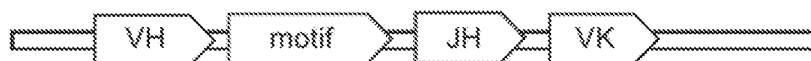


FIG. 2

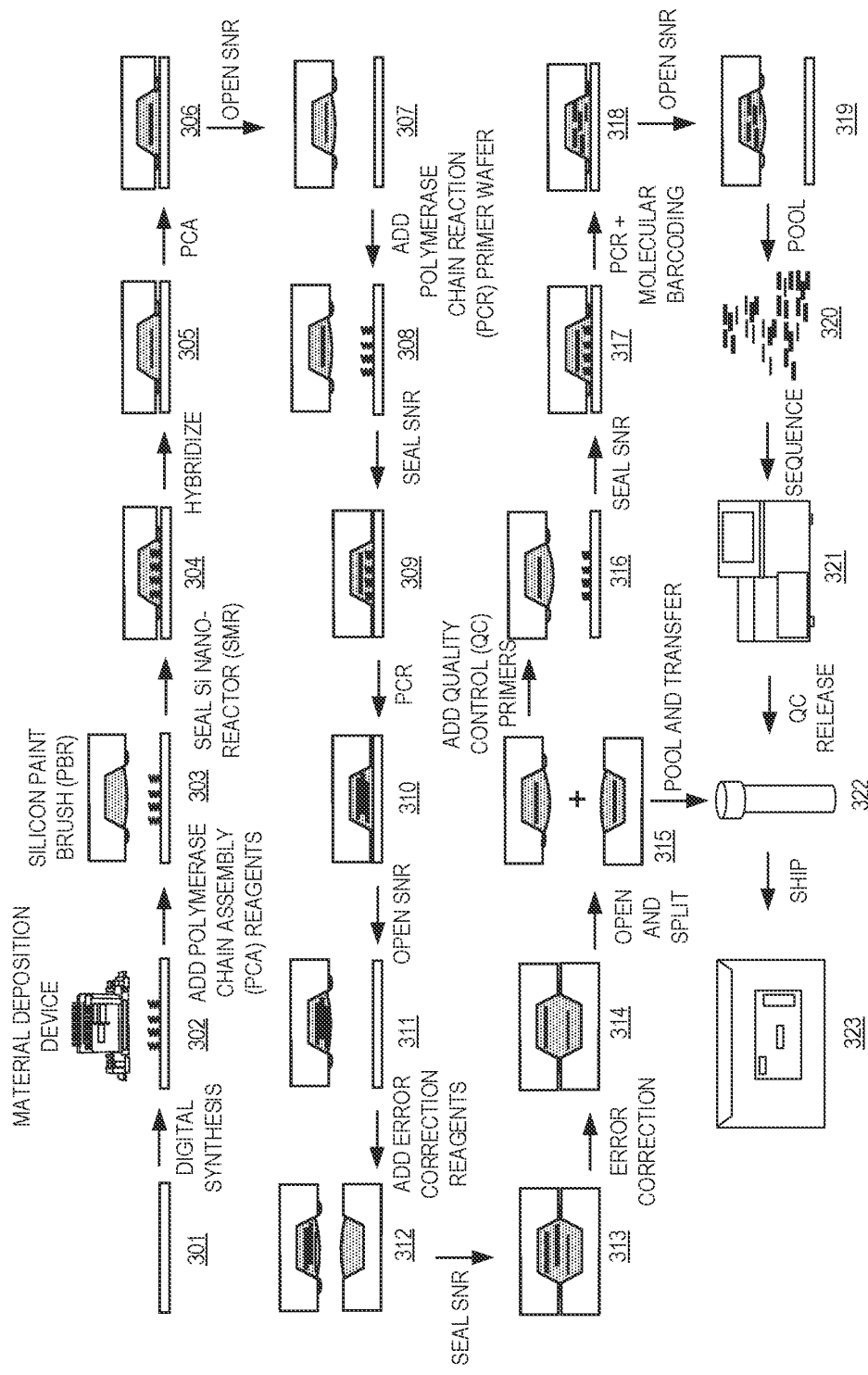


FIG. 3

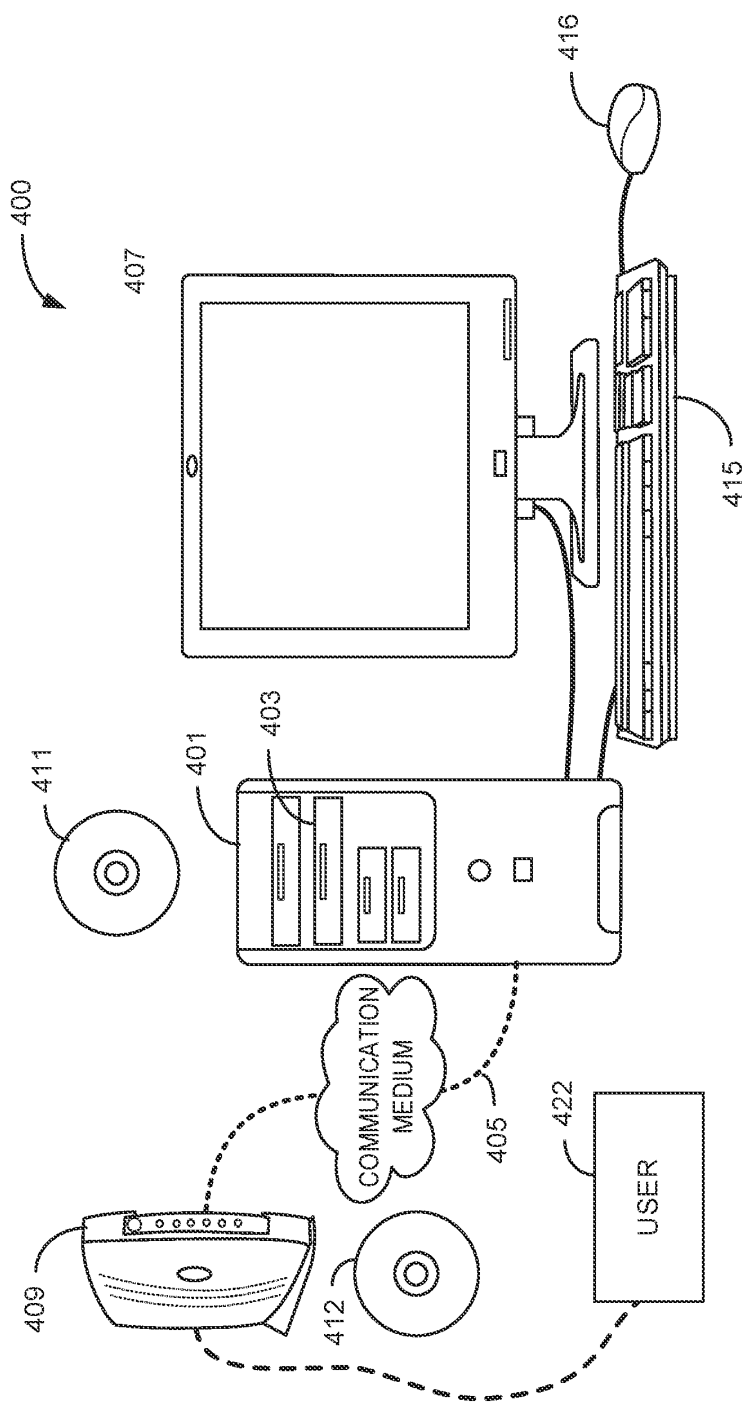


FIG. 4

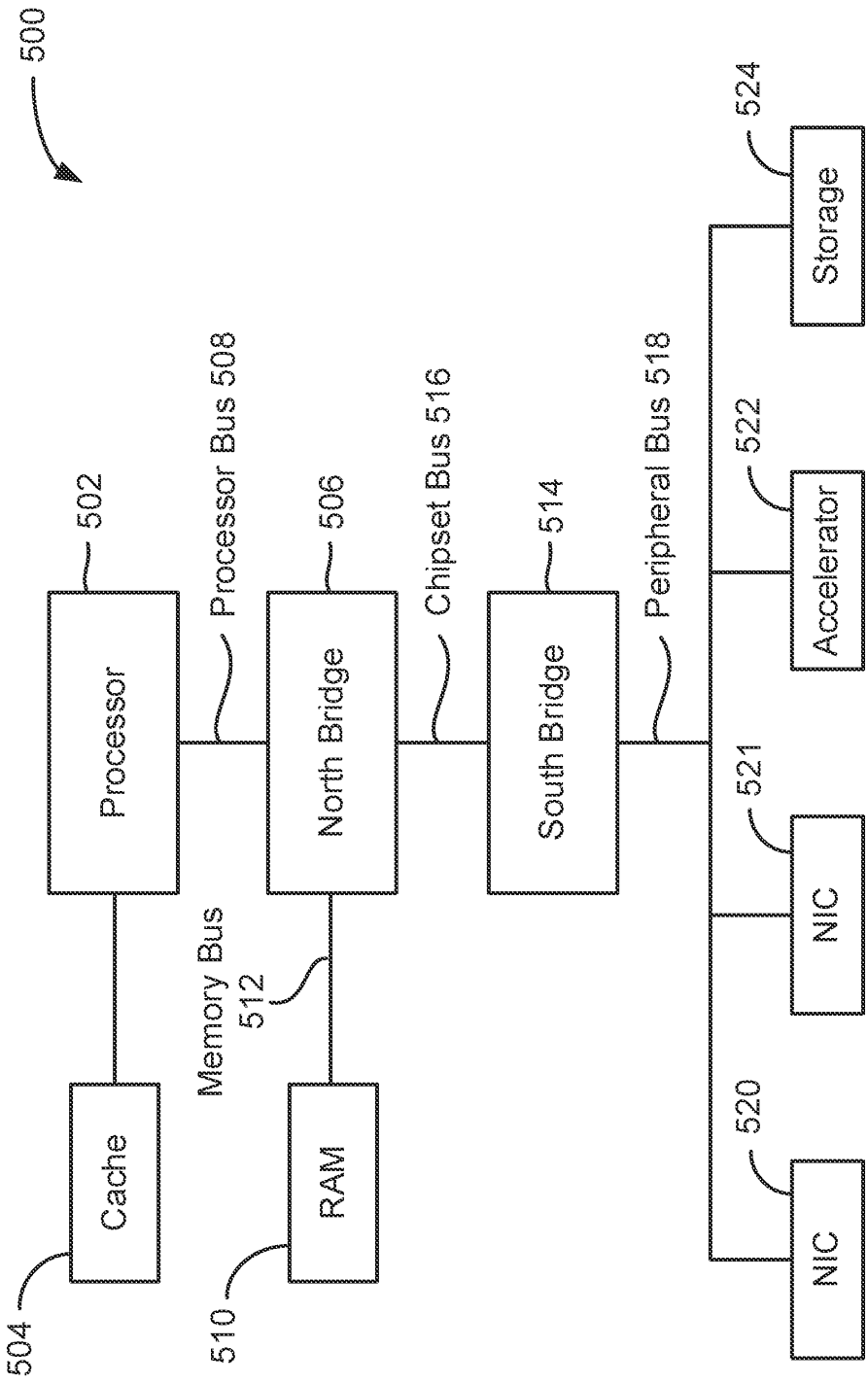


FIG. 5

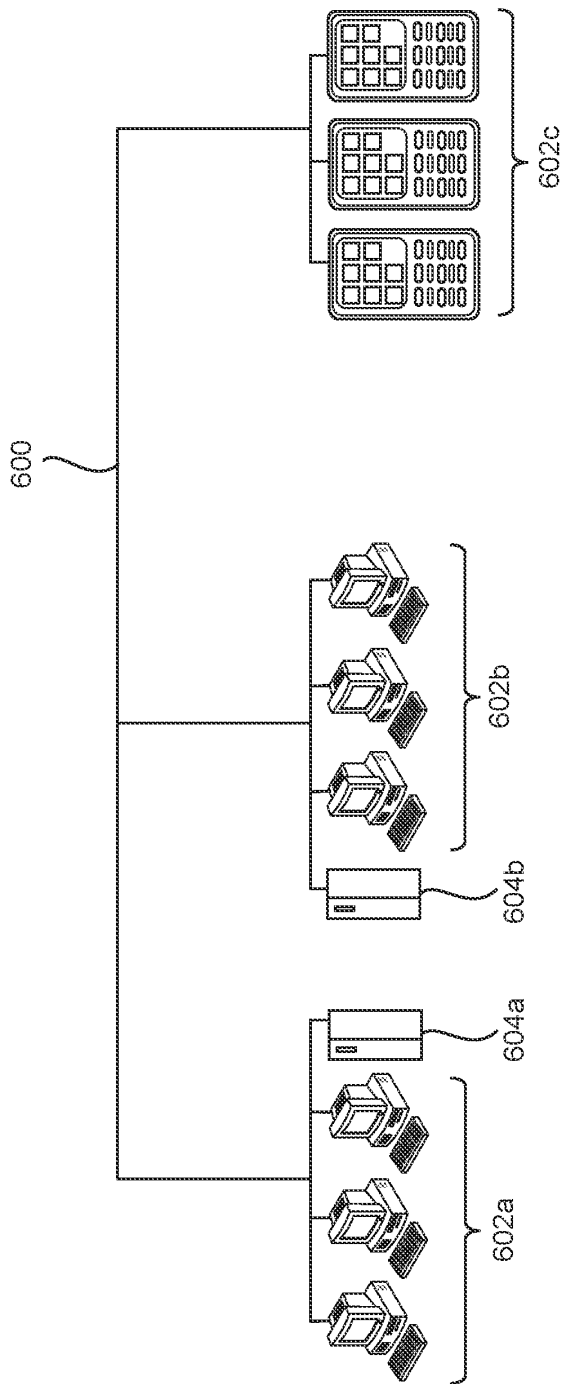
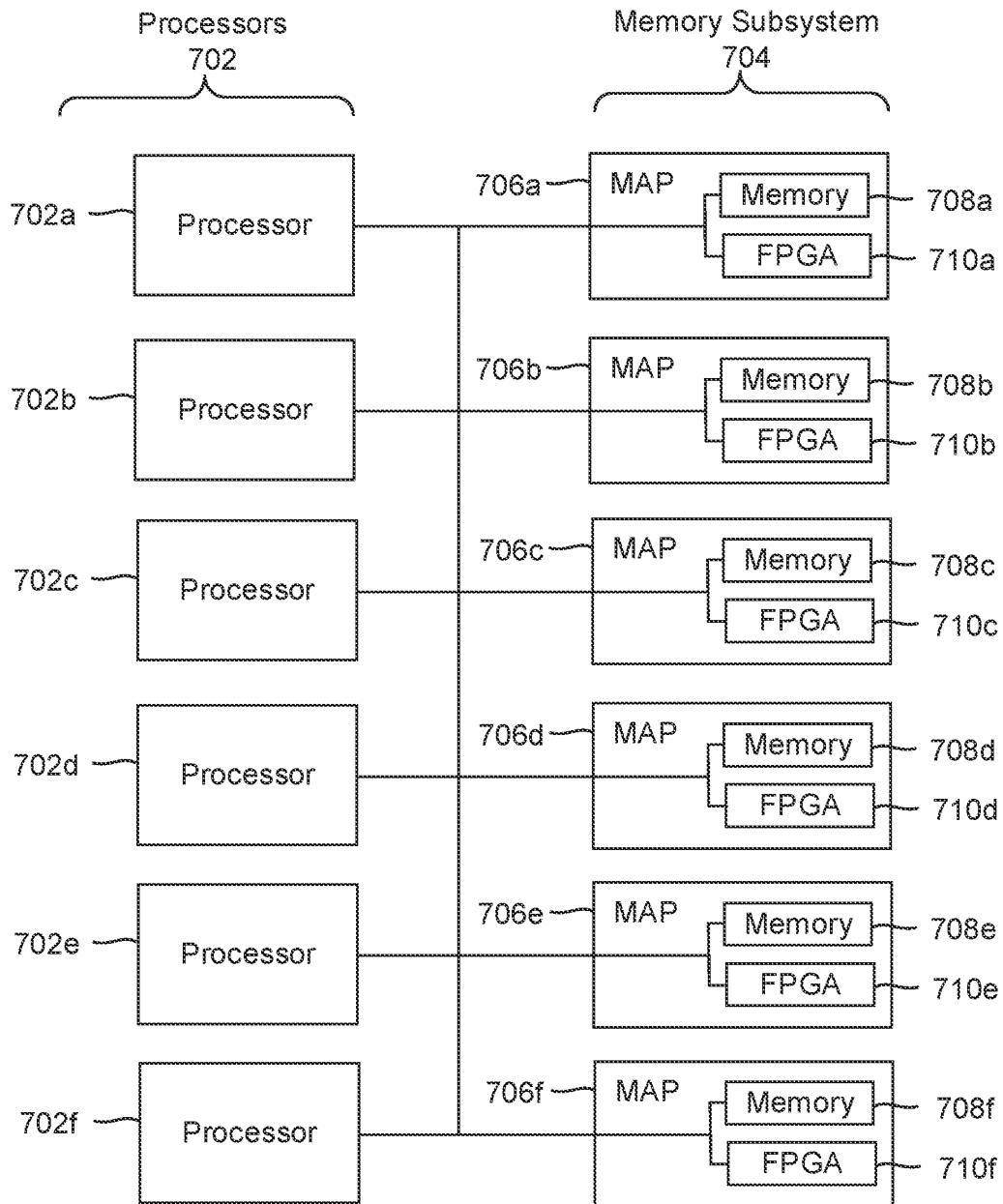


FIG. 6

**FIG. 7**

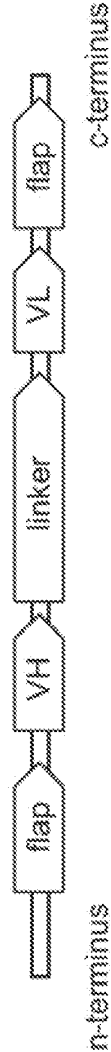


FIG. 8A

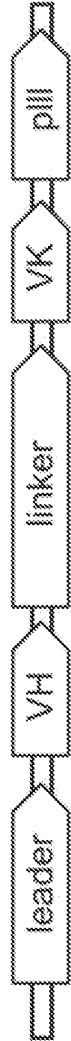


FIG. 8B

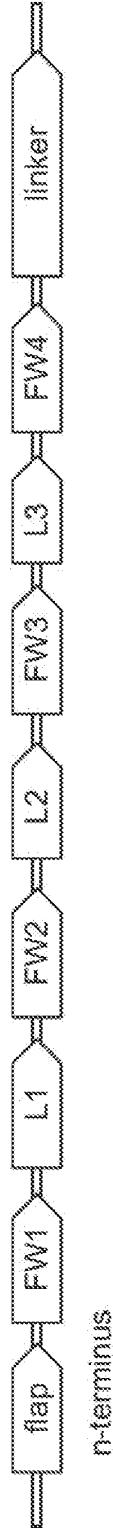


FIG. 8C

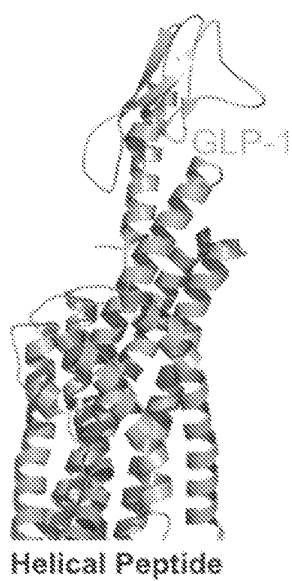


FIG. 9A

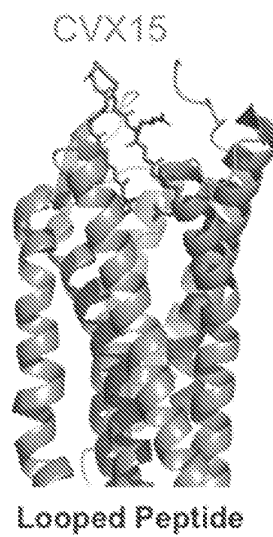


FIG. 9B

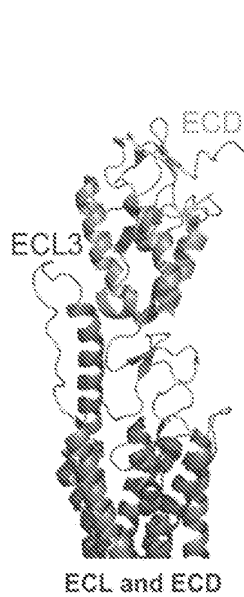


FIG. 9C

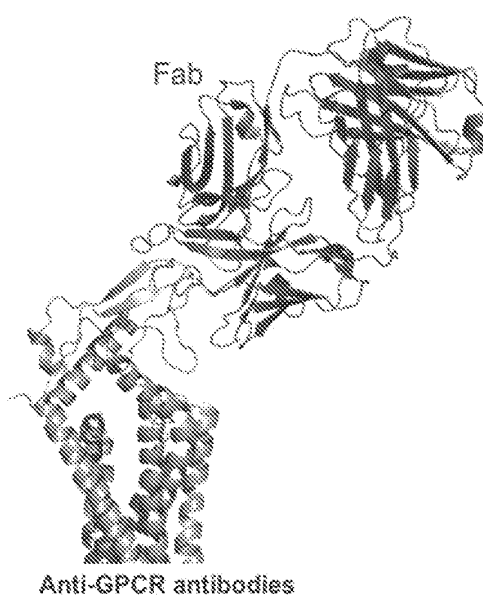


FIG. 9D

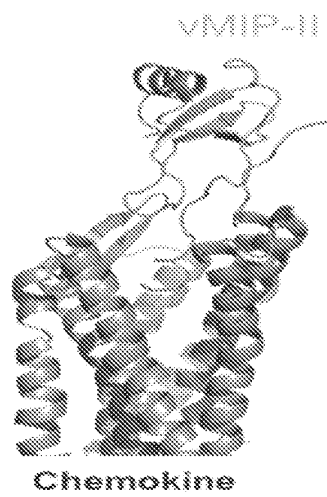


FIG. 9E

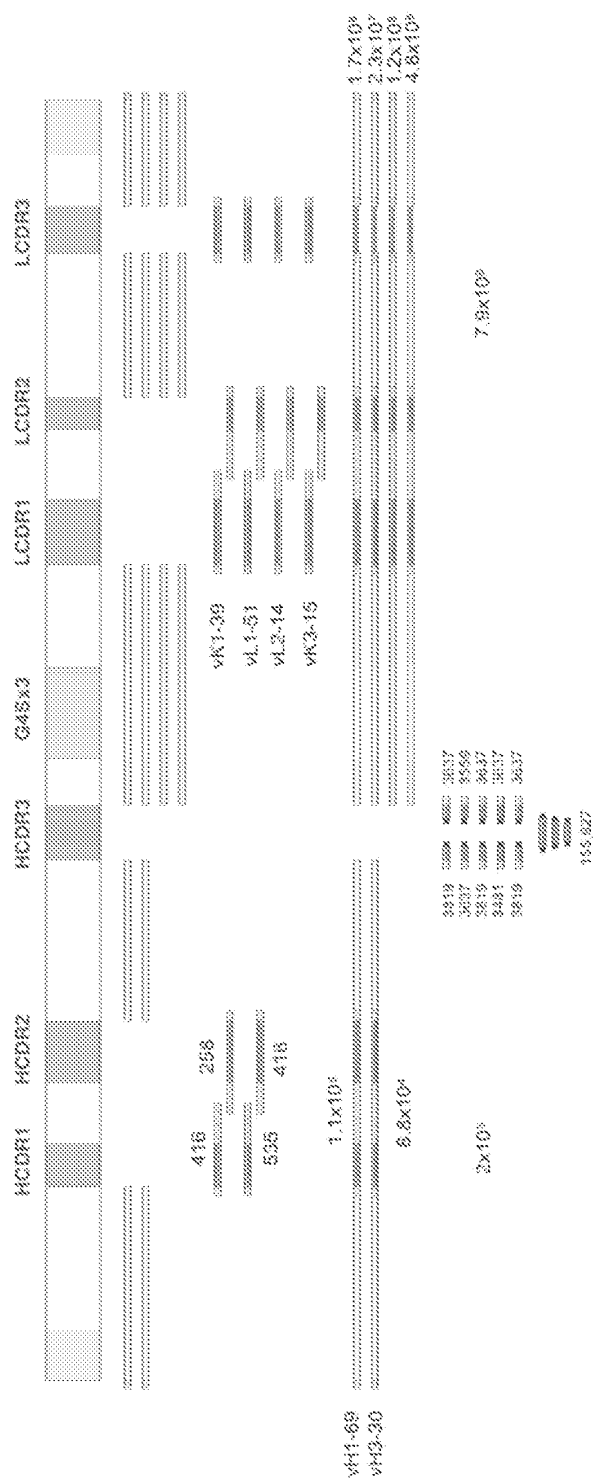
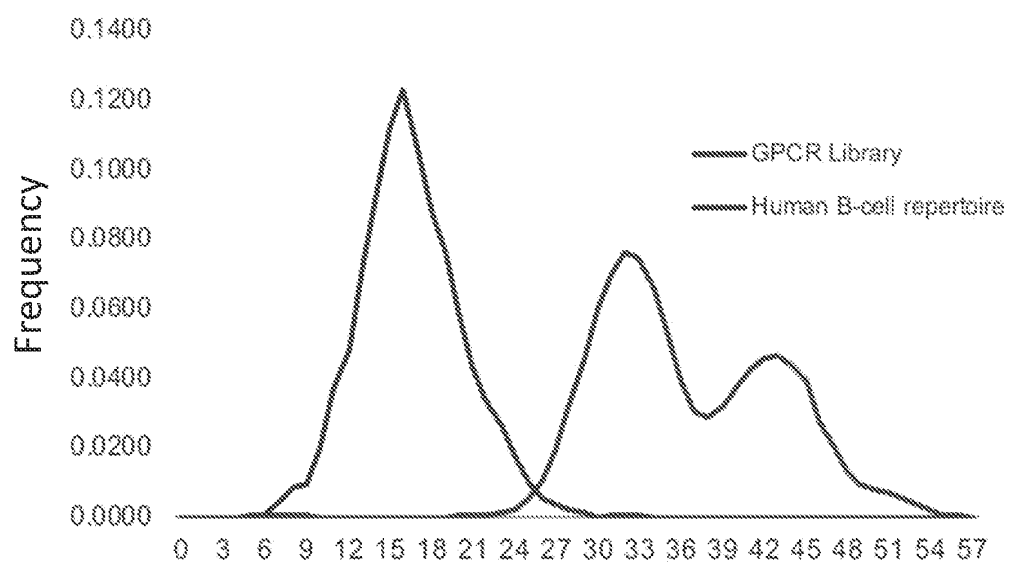


FIG. 10

**FIG. 11**

Clone	ELISA	Library	ProA (mg/ml)	K _D (nM)
TB31-1	5.7	VHH hShuffle	0.29	12
TB31-6	9.6	VHH hShuffle	0.29	14
TB31-26	5.1	VHH hShuffle	0.31	19
TB30-30	8.0	VHH Shuffle	0.11	23
TB31-32	8.0	VHH hShuffle	0.25	27
TB29-10	5.0	VHH Ratio	0.19	32
TB29-7	7.3	VHH Ratio	0.28	41
TB30-43	13.5	VHH Shuffle	0.18	44
TB31-8	12.7	VHH hShuffle	0.29	45
TB31-56	11.7	VHH hShuffle	0.26	46
TB30-52	4.2	VHH Shuffle	0.22	49
TB31-47	8.8	VHH hShuffle	0.23	53
TB30-15	9.3	VHH Shuffle	0.26	55
TB30-54	5.5	VHH Shuffle	0.30	58
TB30-49	10.3	VHH Shuffle	0.26	62
TB29-22	3.4	VHH Ratio	0.27	65
TB29-30	9.2	VHH Ratio	0.28	65
TB31-35	5.7	VHH hShuffle	0.24	66
TB29-1	10.4	VHH Ratio	0.09	68
TB29-6	6.8	VHH Ratio	0.29	69
TB31-34	6.0	VHH hShuffle	0.32	70
TB29-12	6.2	VHH Ratio	0.23	70
TB30-1	5.4	VHH Shuffle	0.39	71
TB29-33	3.9	VHH Ratio	0.15	74
TB30-20	4.6	VHH Shuffle	0.19	74
TB31-20	6.6	VHH hShuffle	0.37	74
TB31-24	3.1	VHH hShuffle	0.15	75
TB30-14	9.9	VHH Shuffle	0.19	75
TB30-53	7.6	VHH Shuffle	0.24	78
TB31-39	9.9	VHH hShuffle	0.32	78
TB29-18	10.9	VHH Ratio	0.19	78
TB30-9	8.0	VHH Shuffle	0.40	79
TB29-34	8.6	VHH Ratio	0.21	80
TB29-27	8.6	VHH Ratio	0.18	82
TB29-20	5.9	VHH Ratio	0.26	83
TB30-55	6.0	VHH Shuffle	0.41	85
TB30-39	6.1	VHH Shuffle	0.07	88
TB31-15	6.2	VHH hShuffle	0.32	88
TB29-21	4.3	VHH Ratio	0.23	88
TB29-37	5.3	VHH Ratio	0.26	89
TB29-40	6.6	VHH Ratio	0.31	90
TB31-30	3.2	VHH hShuffle	0.33	93
TB31-10	12.3	VHH hShuffle	0.31	94
TB29-3	13.6	VHH Ratio	0.11	94
TB30-57	5.2	VHH Shuffle	0.24	95
TB29-31	4.4	VHH Ratio	0.18	96
TB31-27	8.1	VHH hShuffle	0.31	96
TB31-33	6.0	VHH hShuffle	0.32	96
TB30-40	7.1	VHH Shuffle	0.21	99
TB31-18	4.1	VHH hShuffle	0.36	99
TB30-5	9.3	VHH Shuffle	0.05	100

FIG. 12

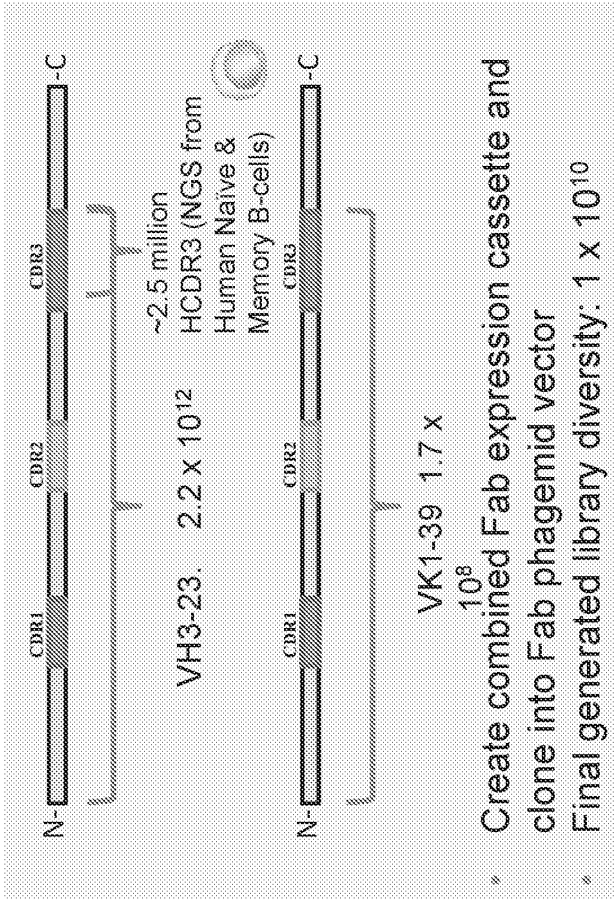
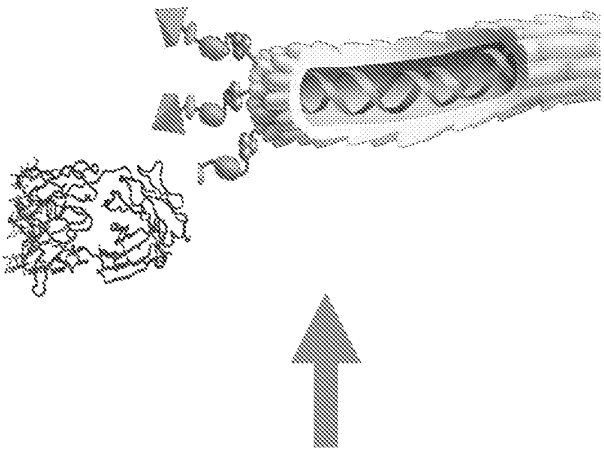


FIG. 13

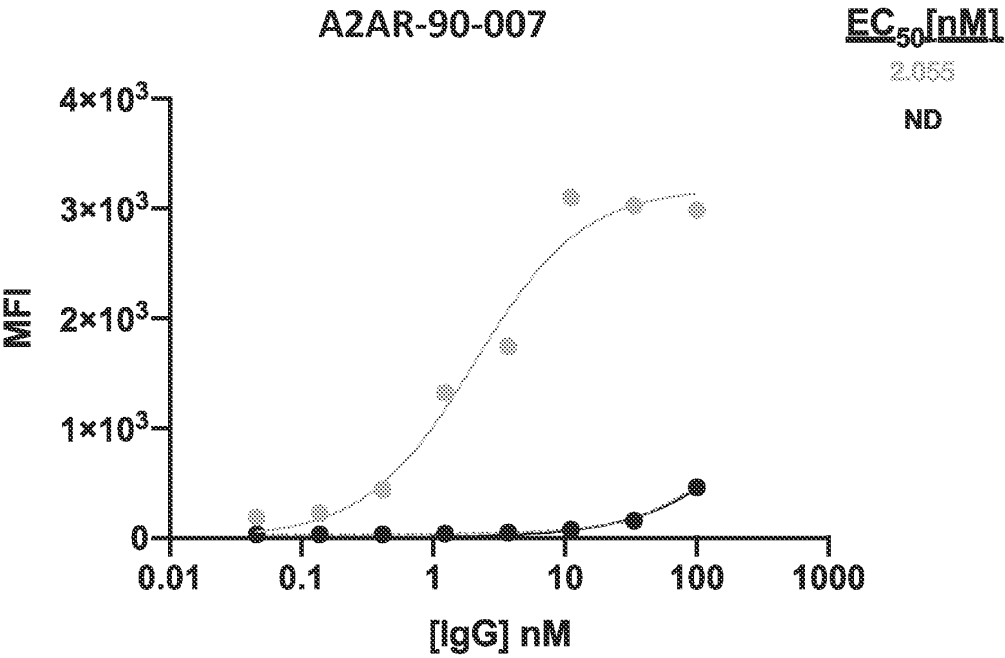


FIG. 14A

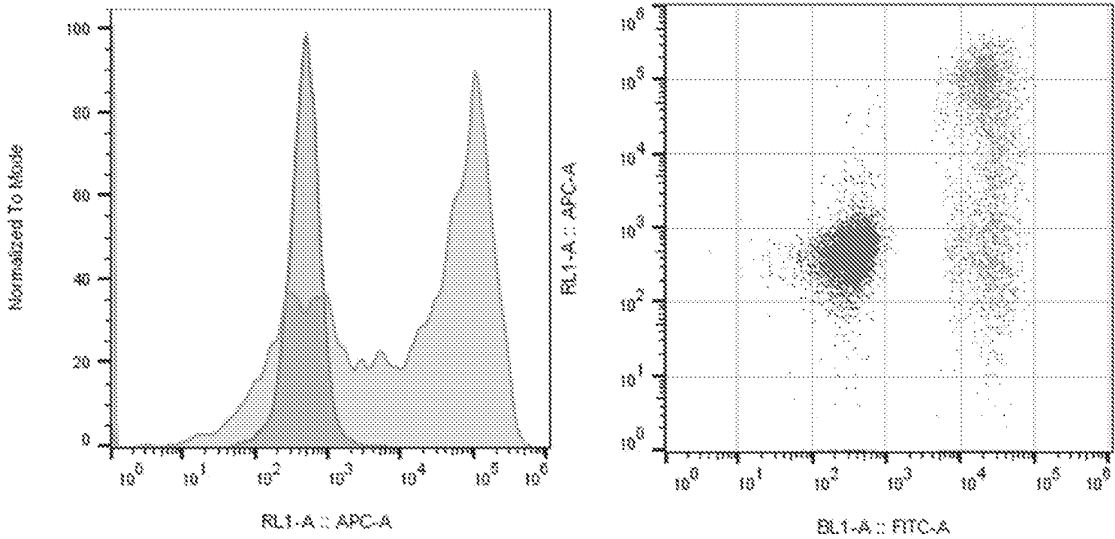


FIG. 14B

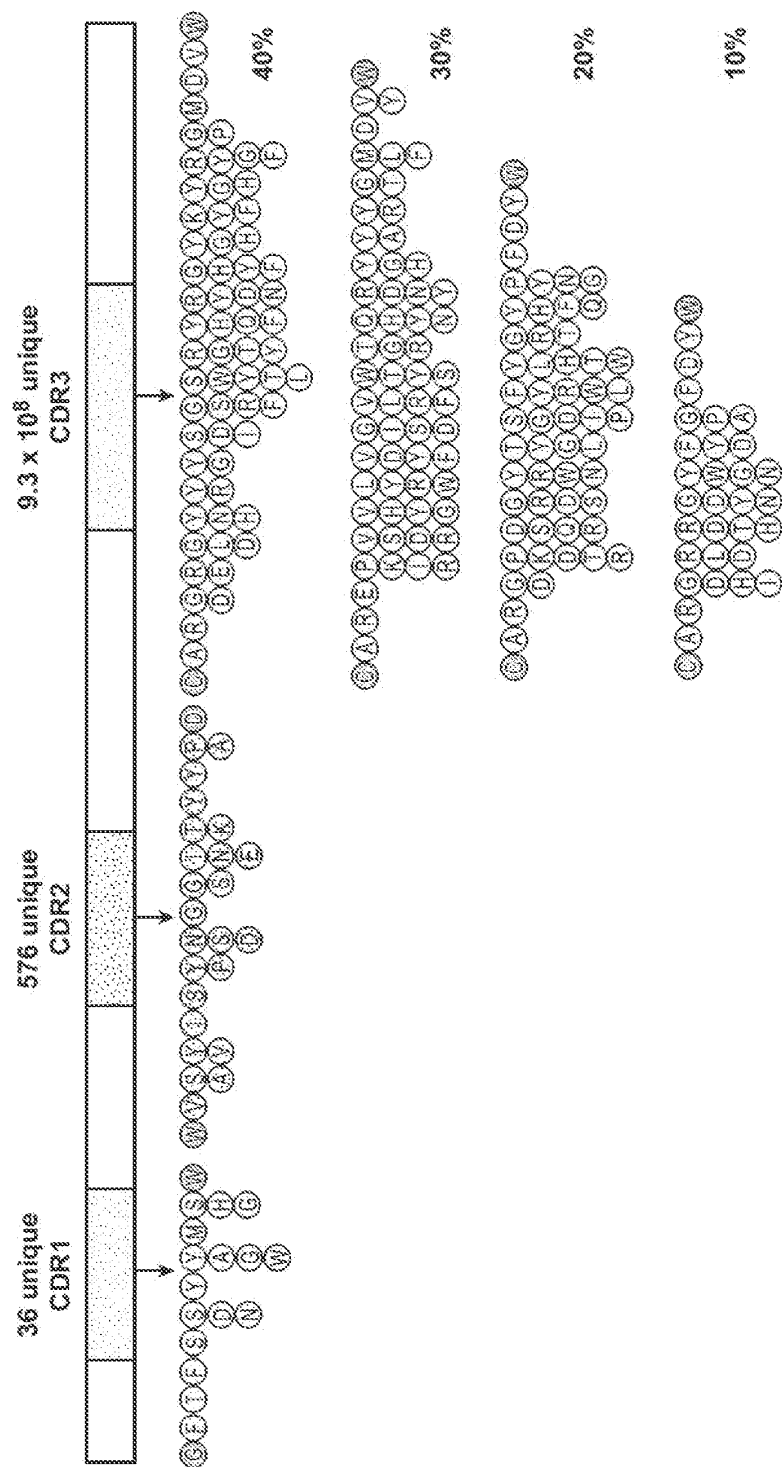


FIG. 15A

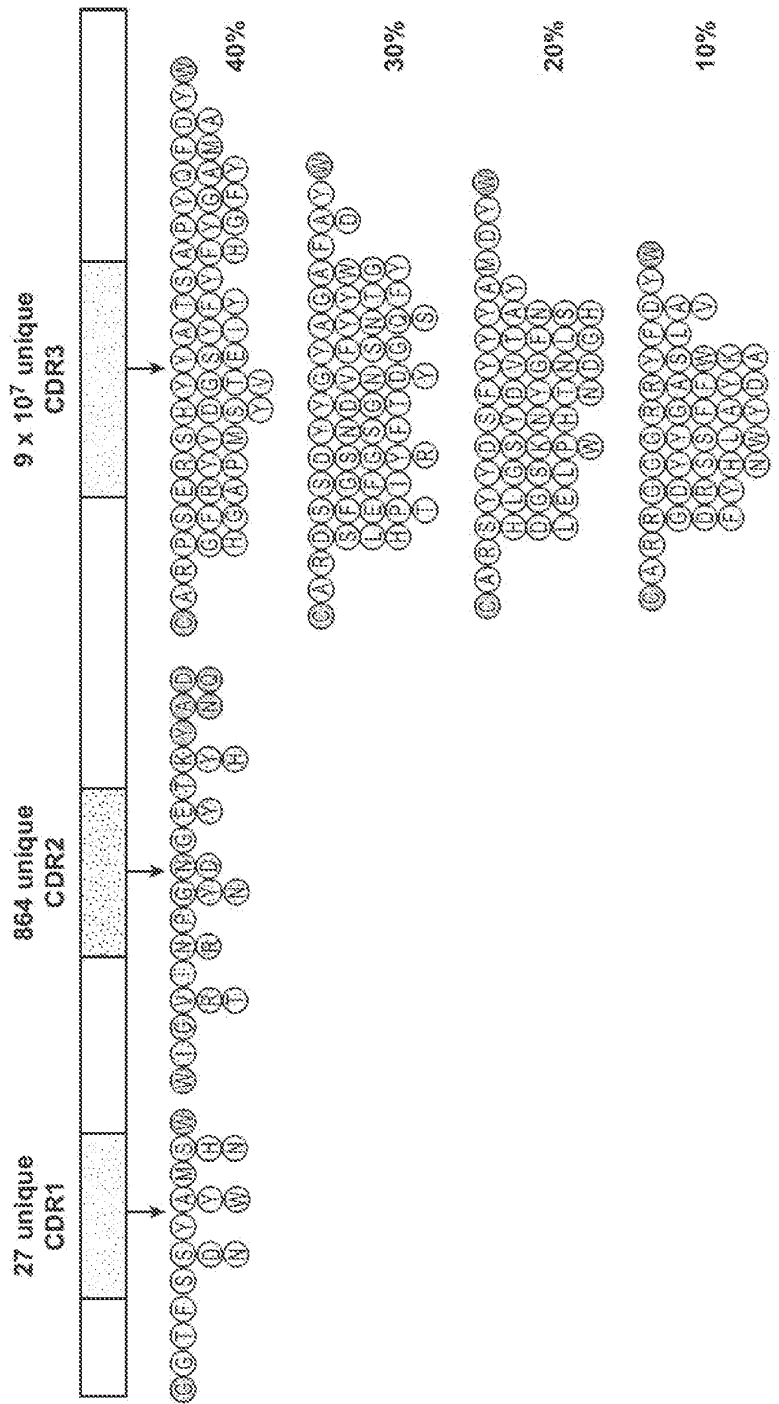


FIG. 15B

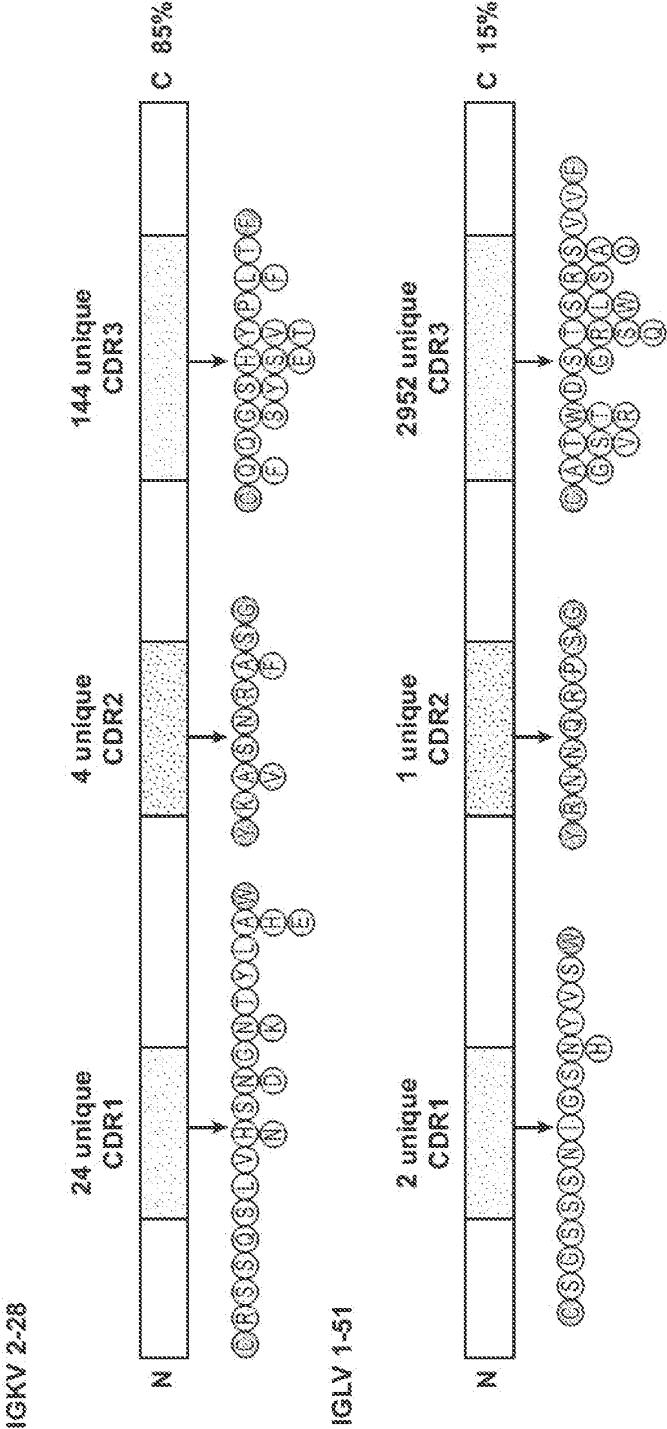


FIG. 15C



FIG. 15D

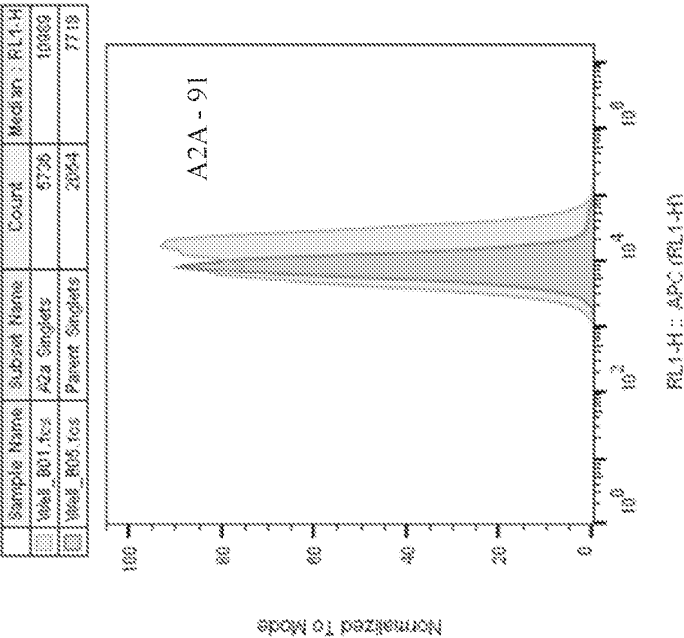


FIG. 16B

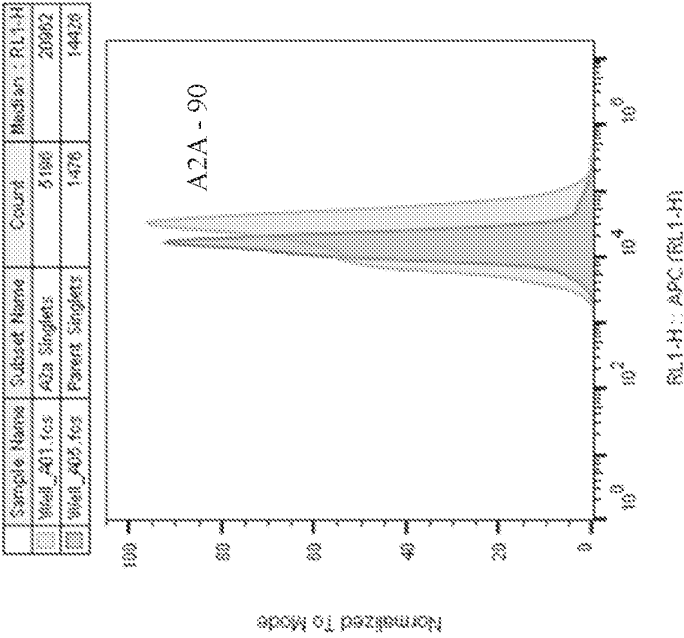


FIG. 16A

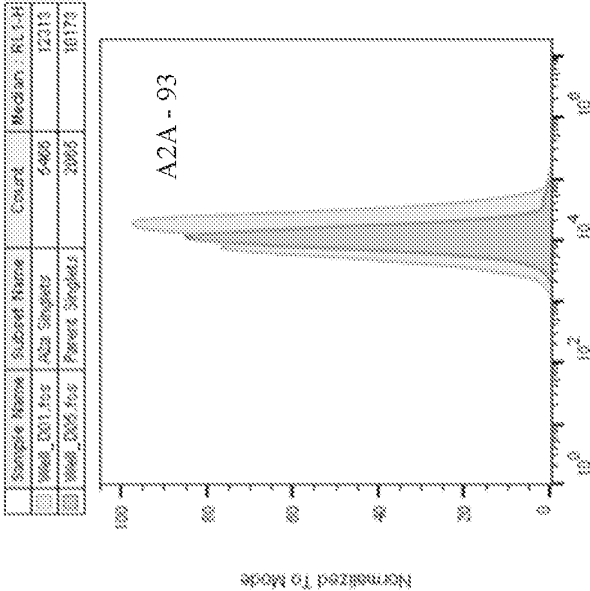


FIG. 16D :: APC (RL1-H)

FIG. 16D

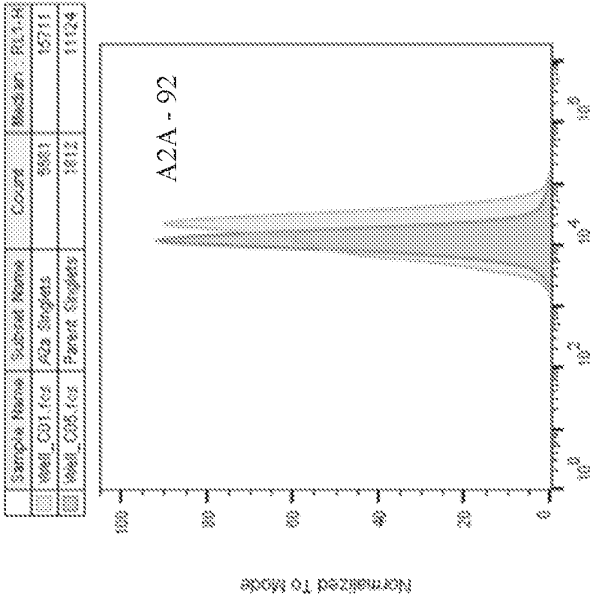


FIG. 16C :: APC (RL1-H)

FIG. 16C

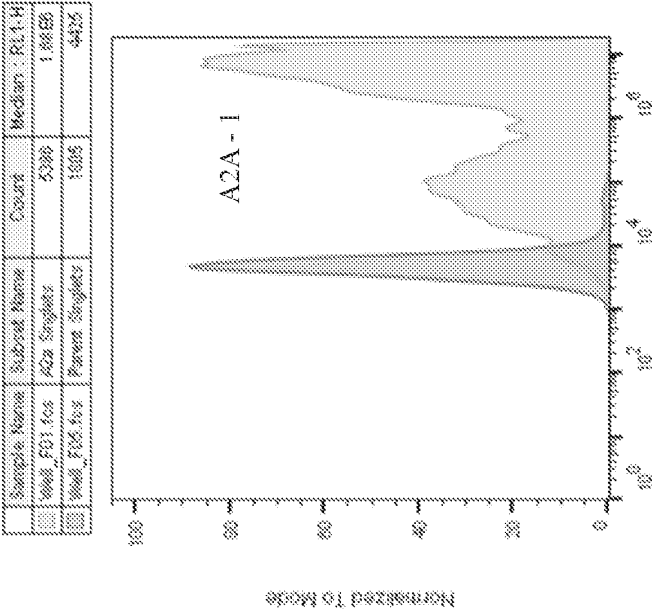


FIG. 16F

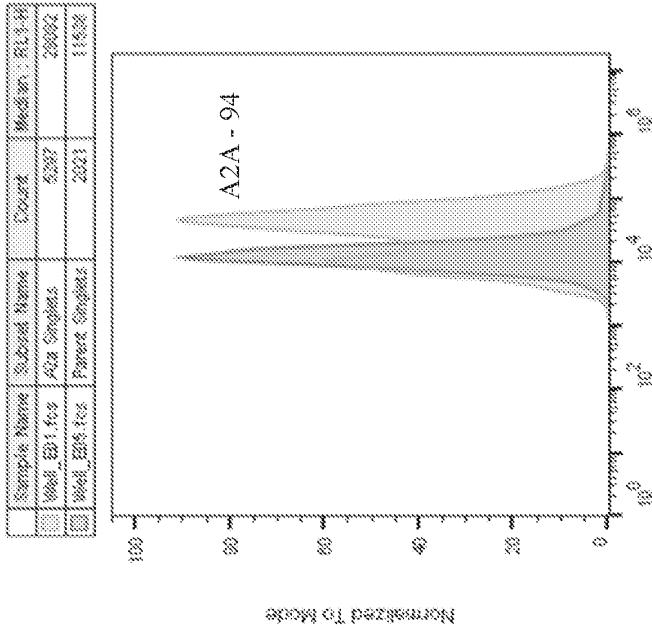
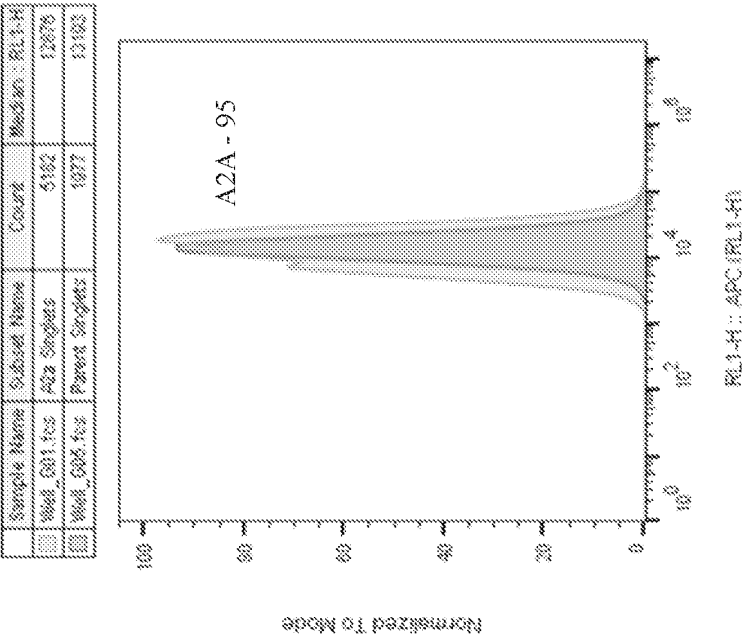
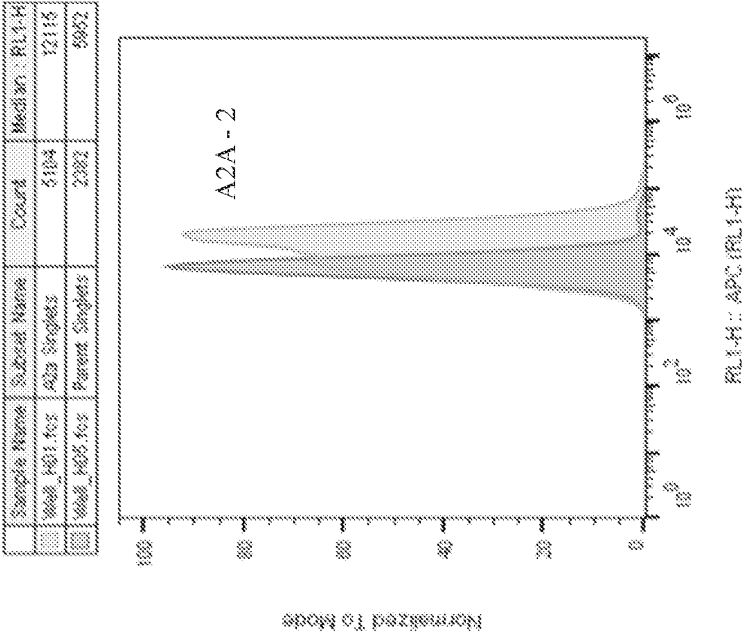


FIG. 16E



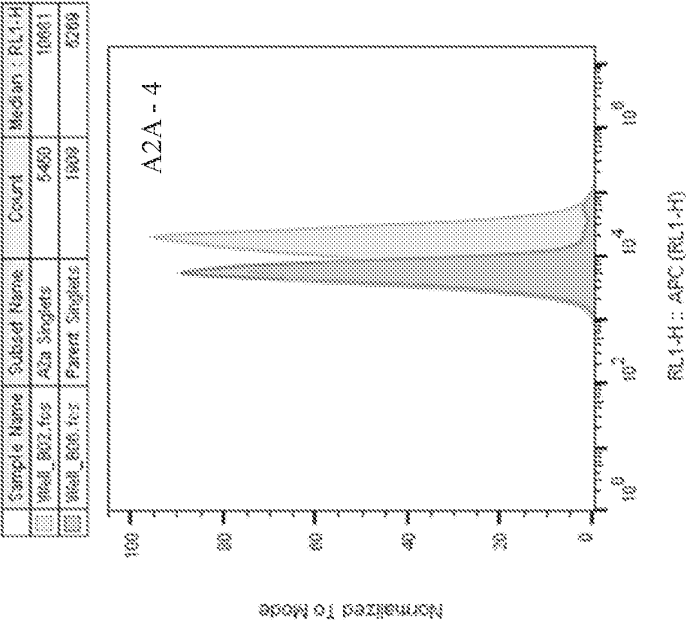


FIG. 16J

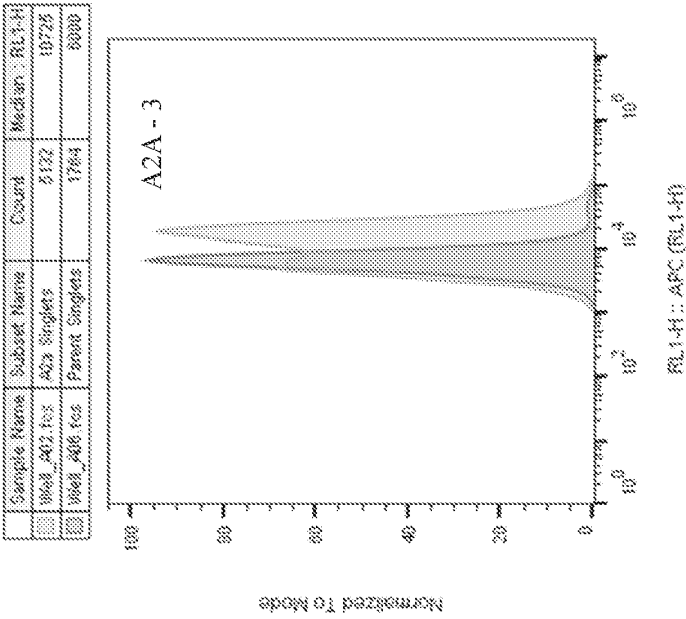


FIG. 16I

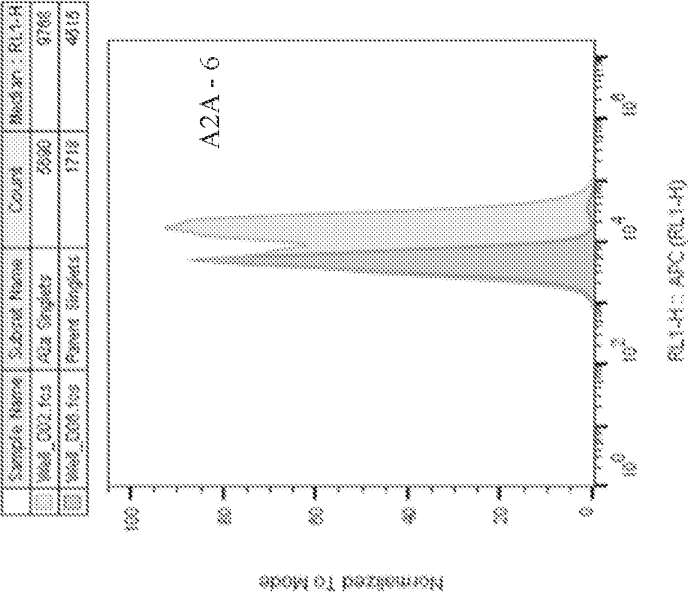


FIG. 16L

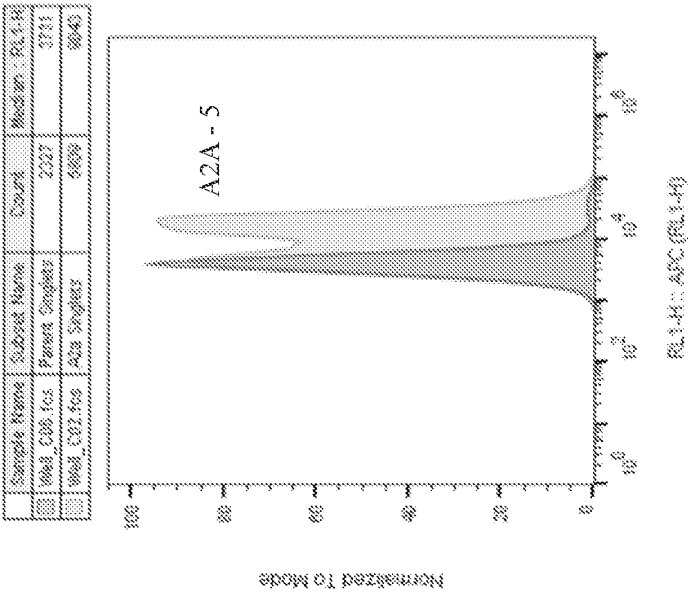


FIG. 16K

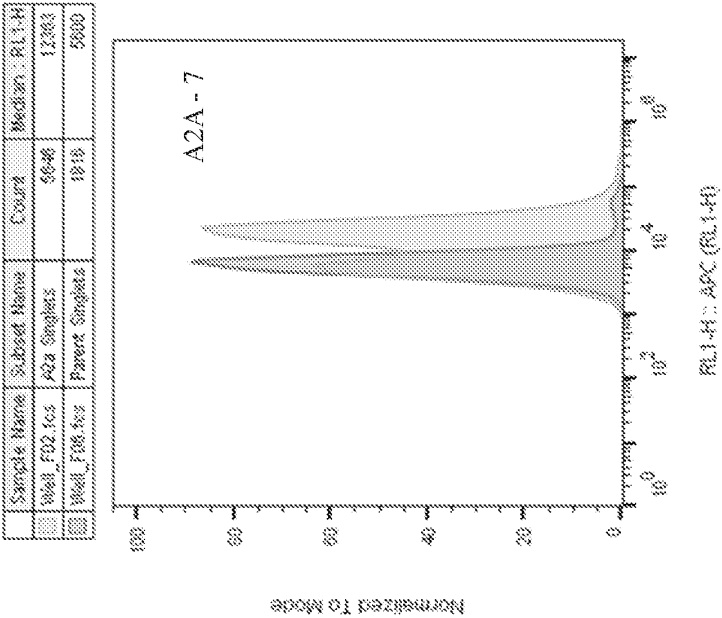


FIG. 16N

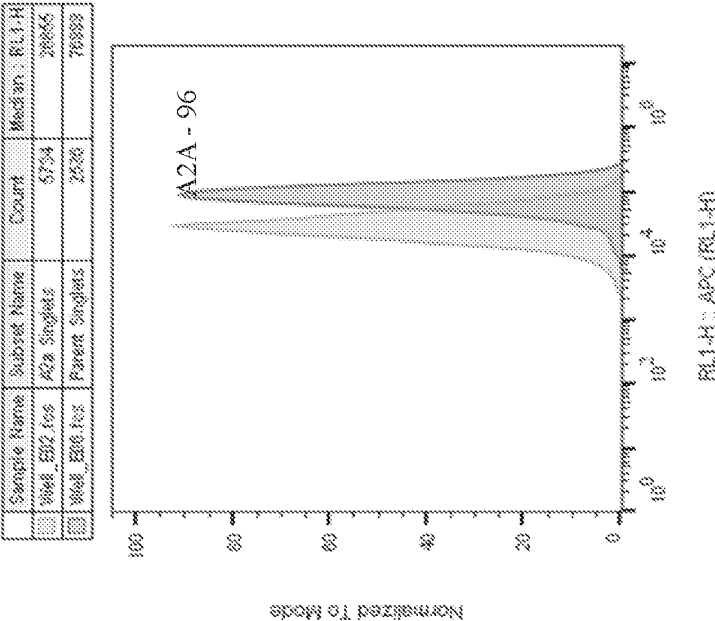


FIG. 16M

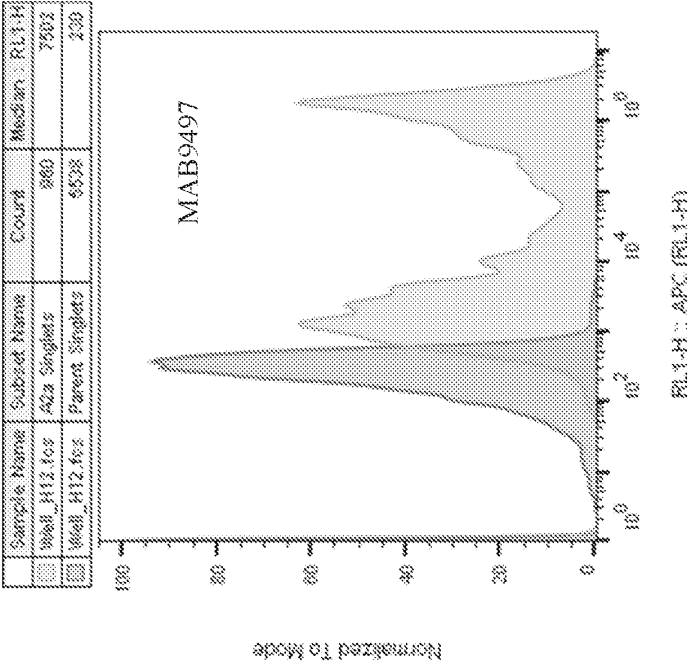


FIG. 160

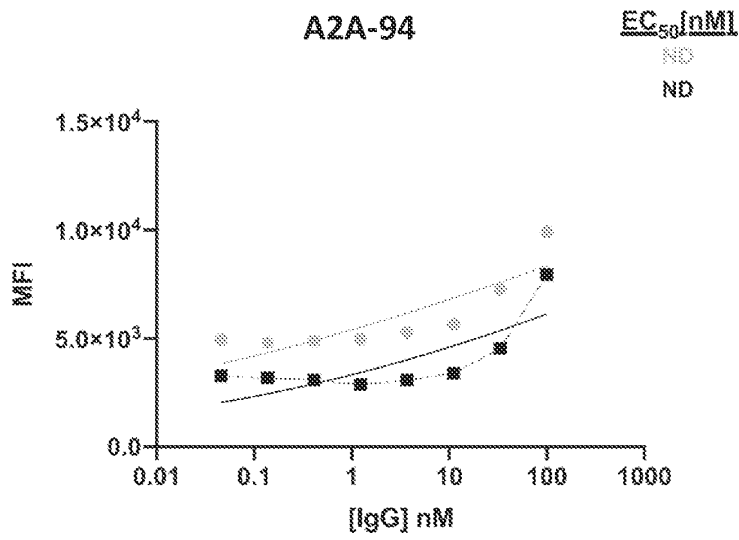


FIG. 17A

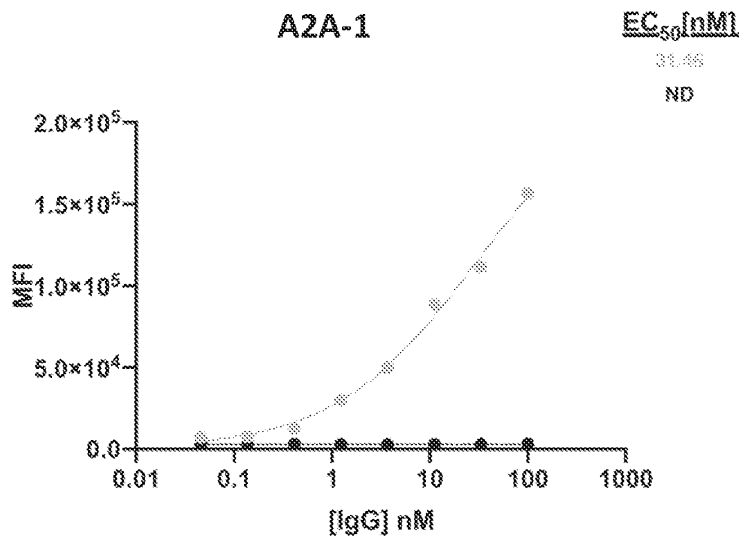


FIG. 17B

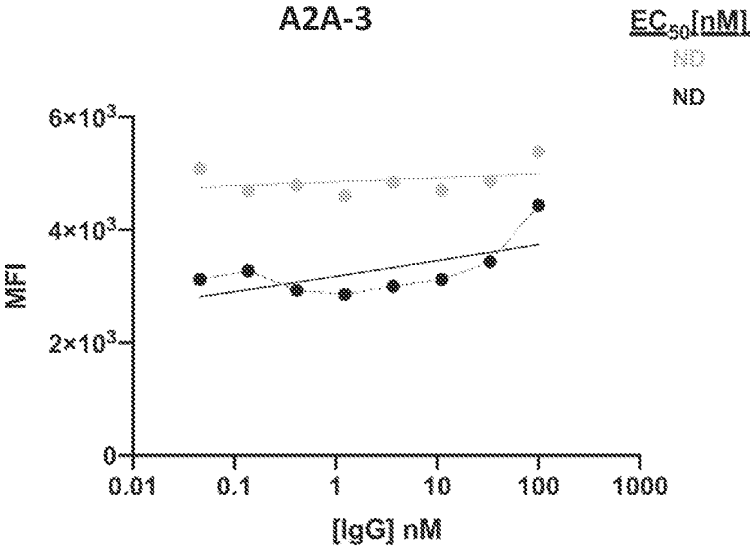


FIG. 17C

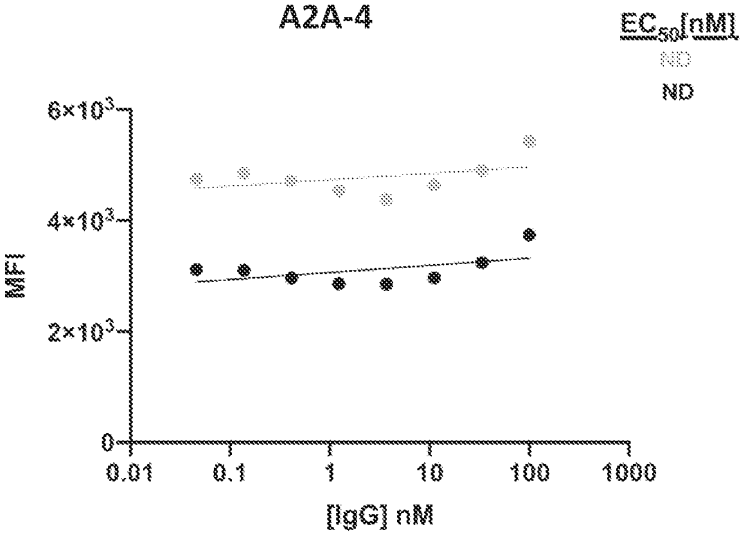


FIG. 17D

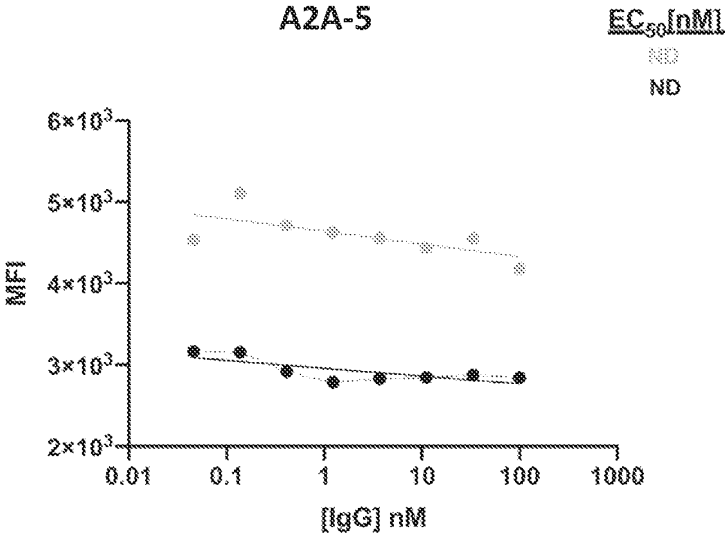


FIG. 17E

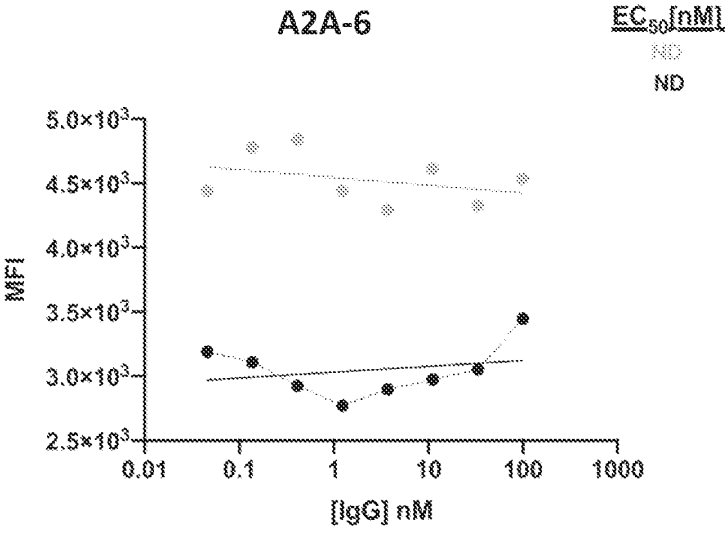


FIG. 17F

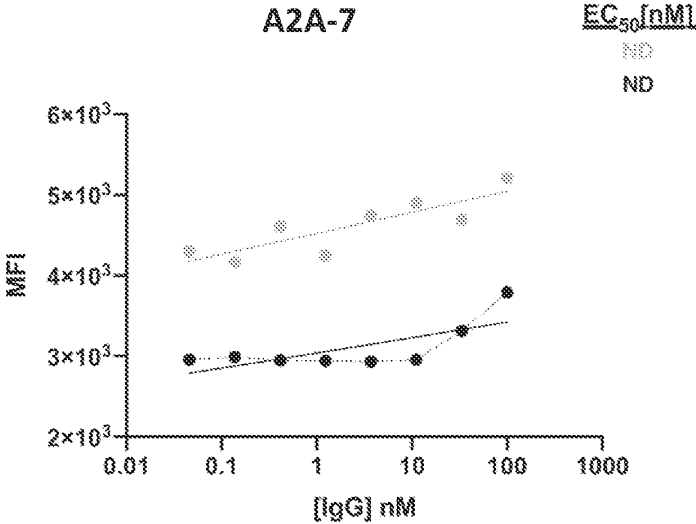


FIG. 17G

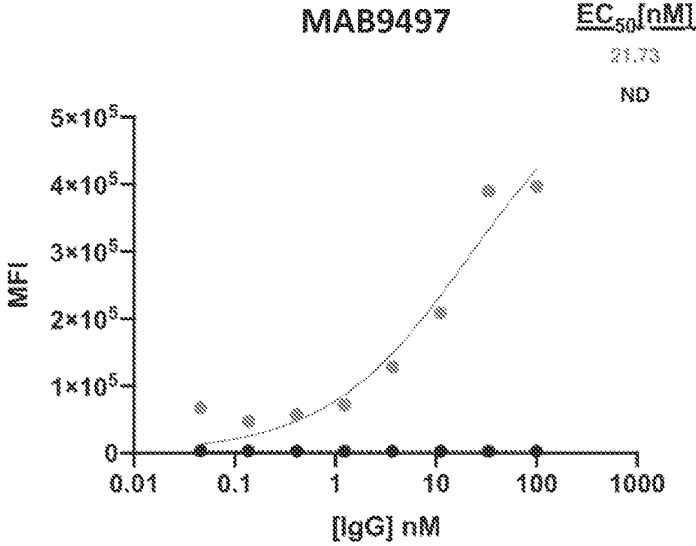


FIG. 17H

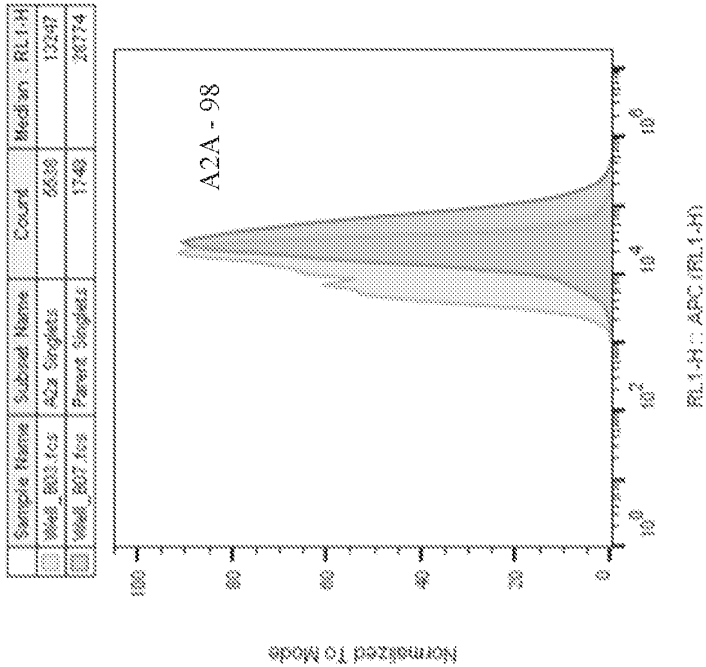


FIG. 18B

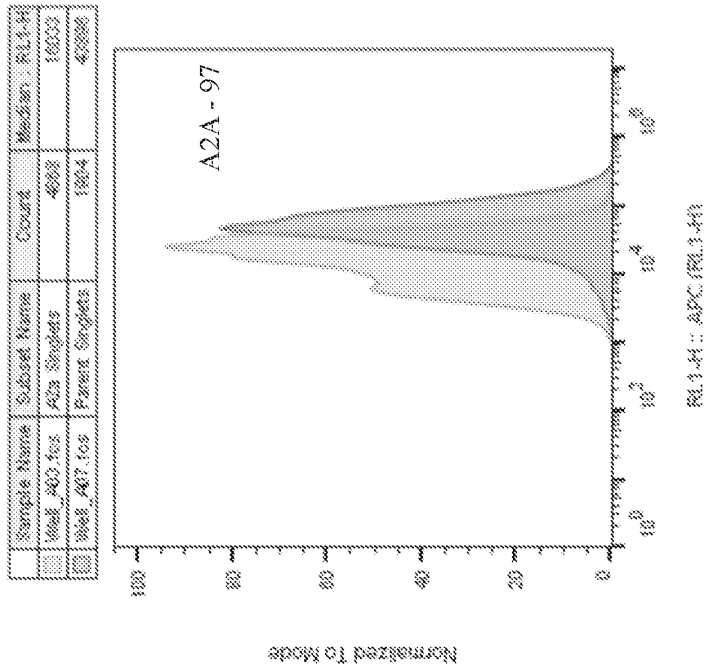


FIG. 18A

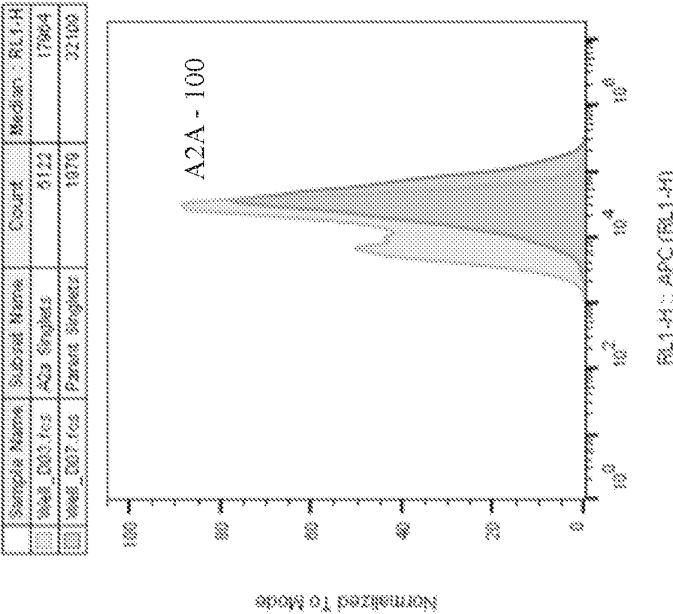


FIG. 18D

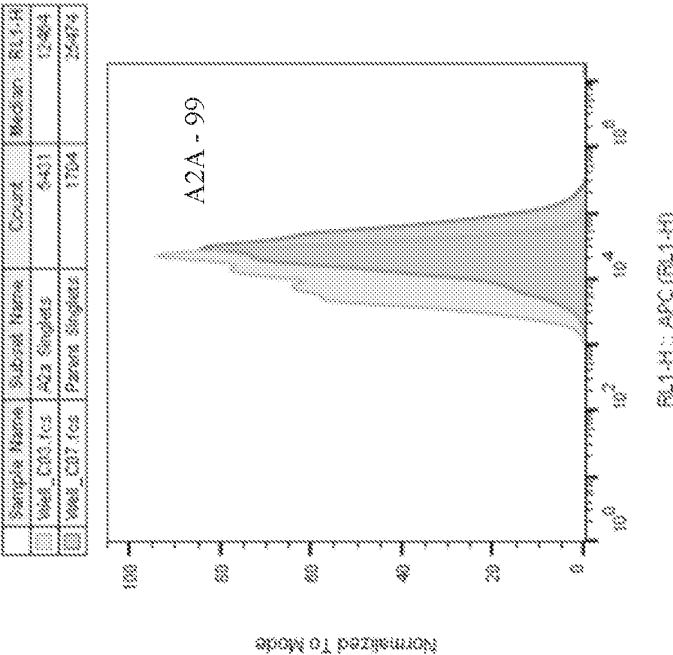


FIG. 18C

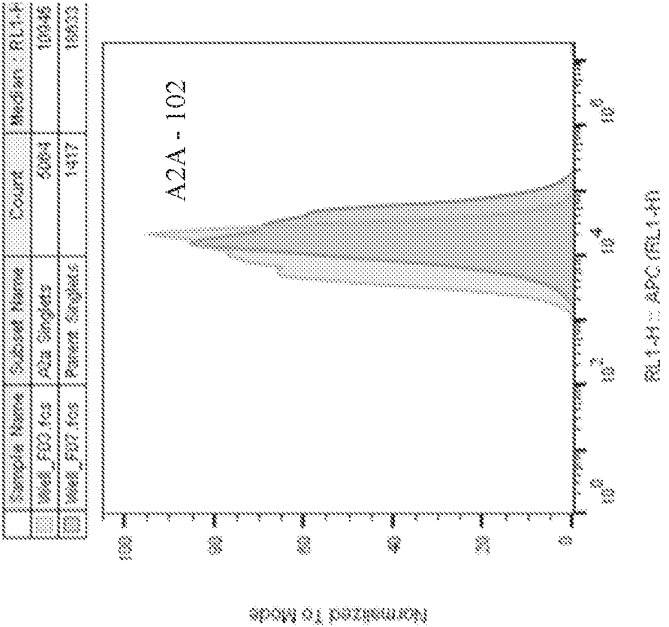


FIG. 18F

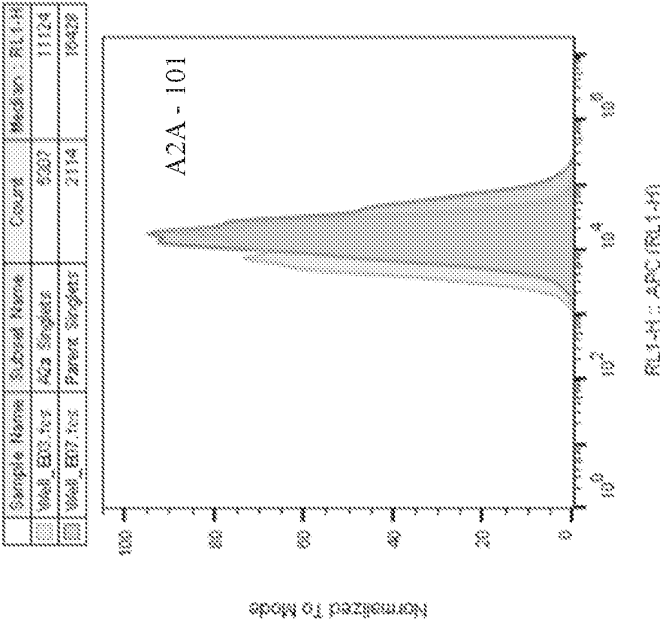


FIG. 18E

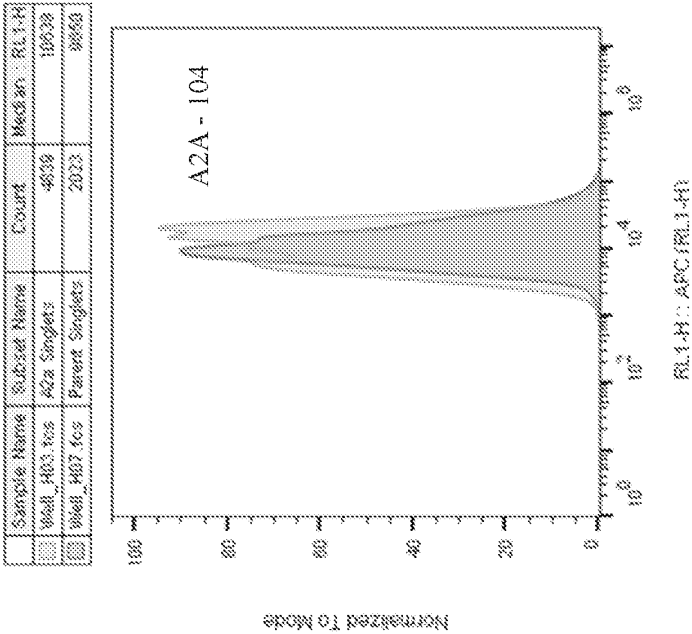


FIG. 18H

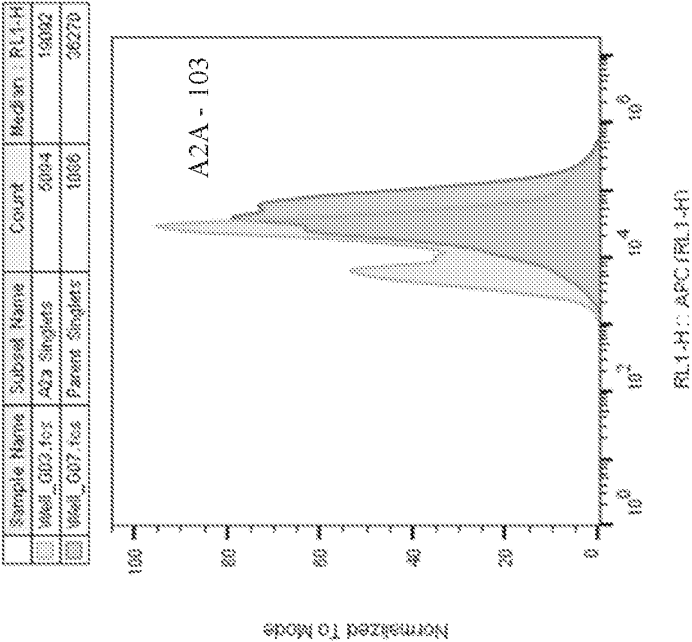


FIG. 18G

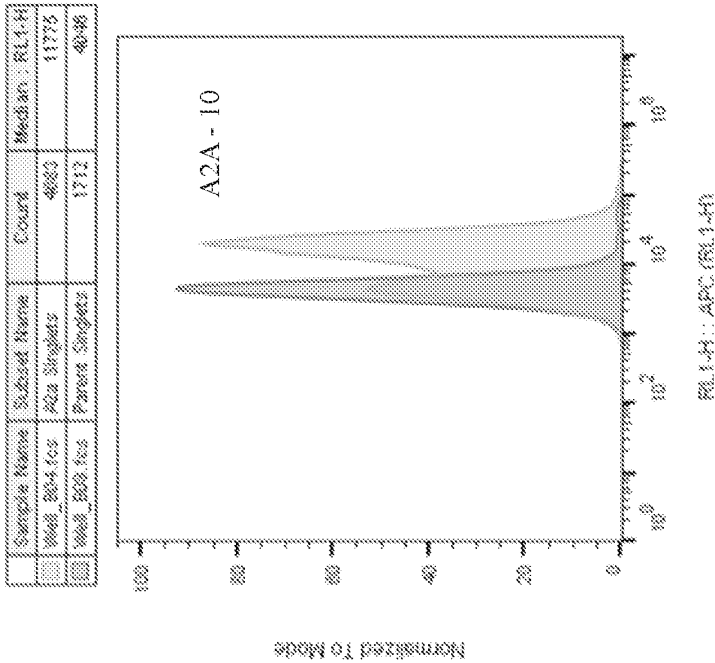


FIG. 18J

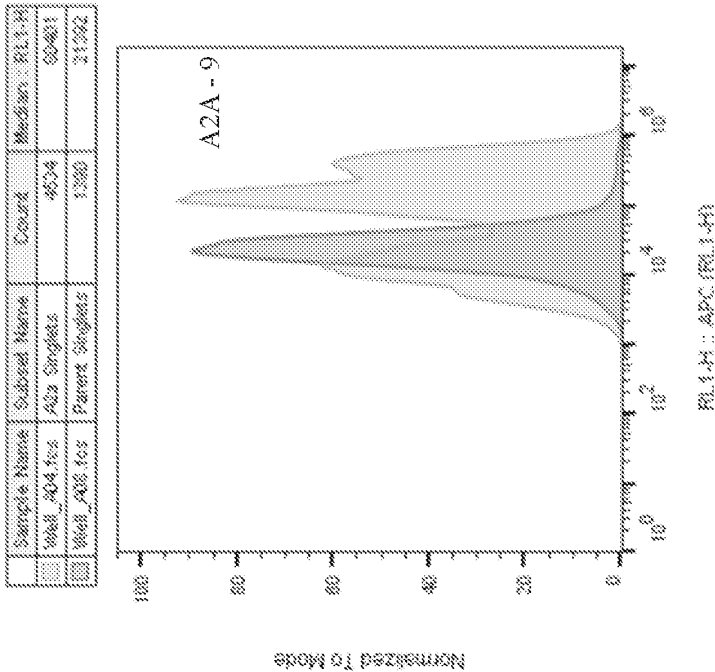


FIG. 18I

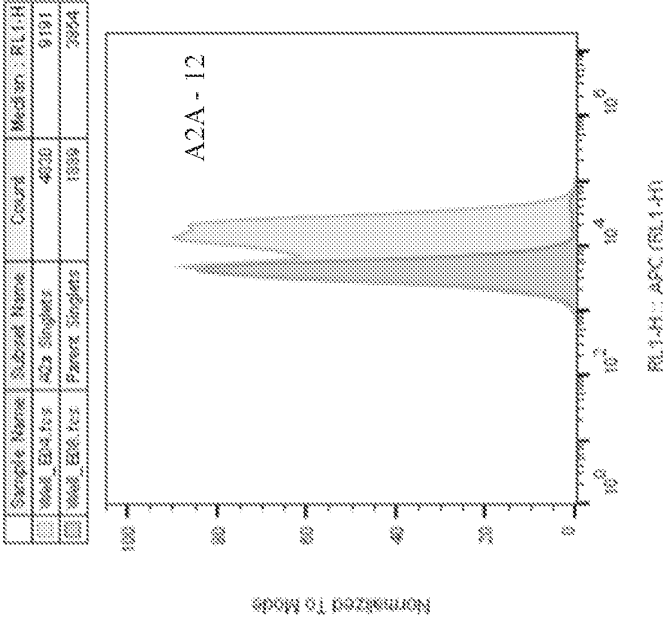


FIG. 18L

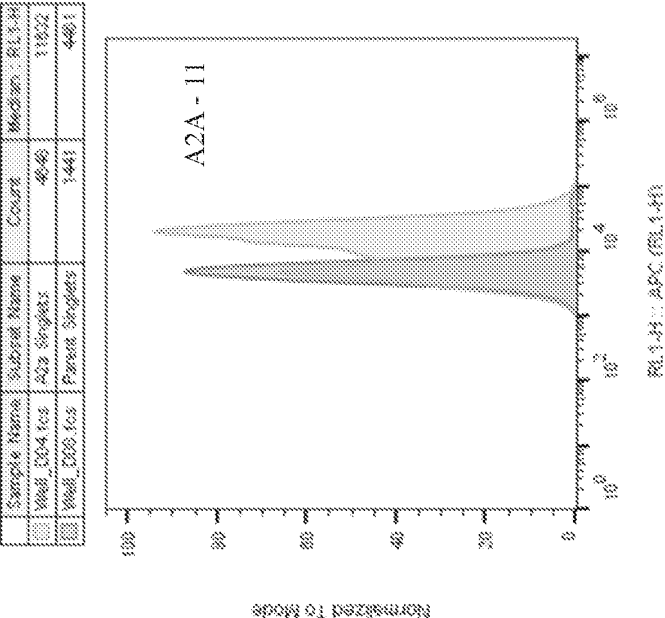


FIG. 18K

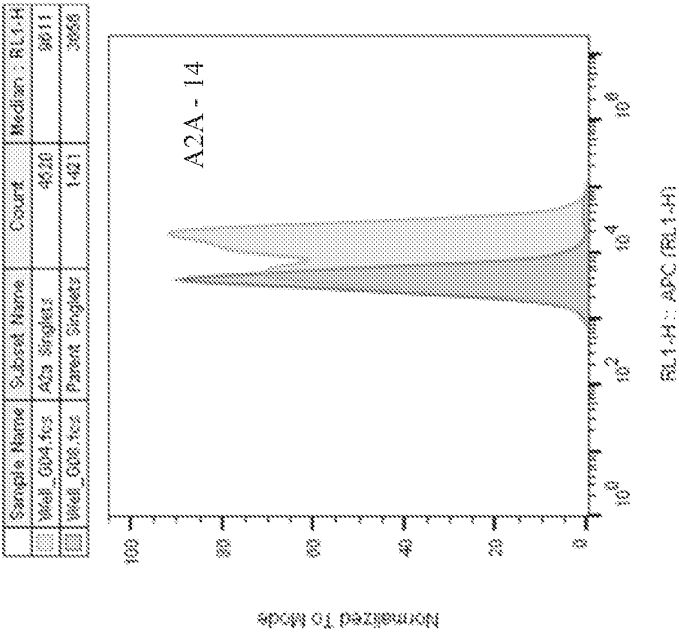


FIG. 18N

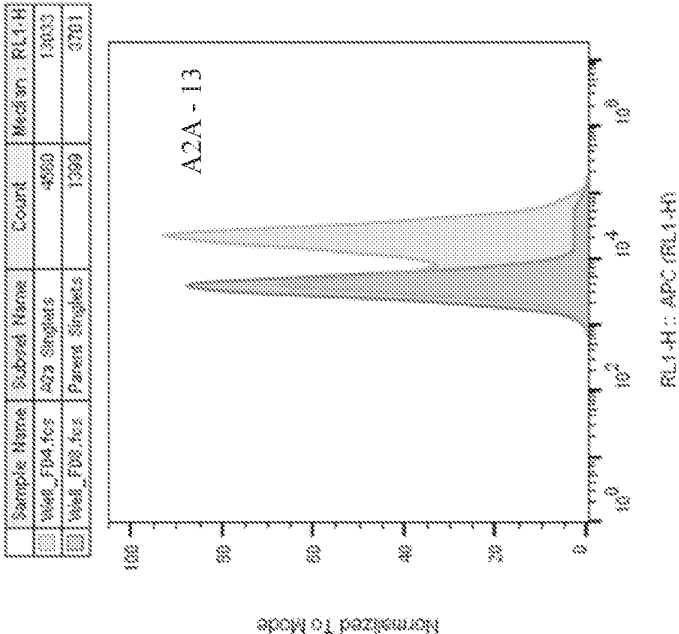


FIG. 18M

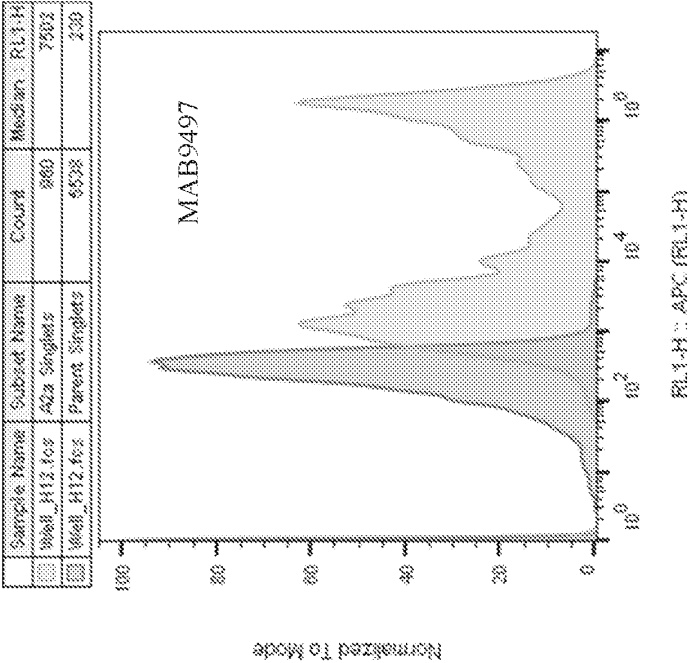


FIG. 180

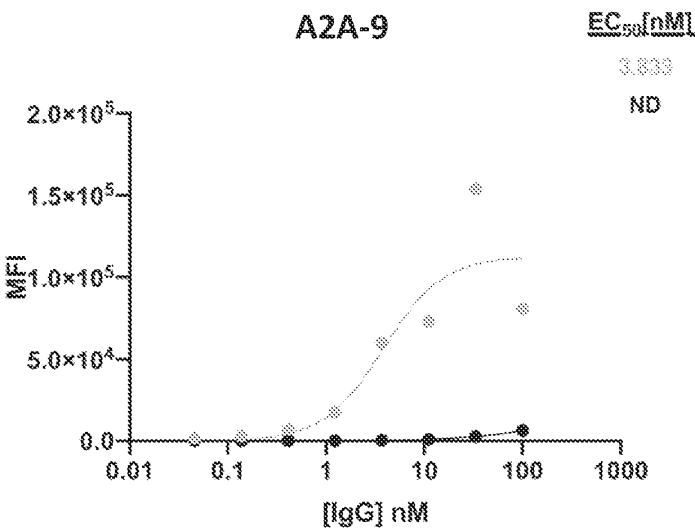


FIG. 19A

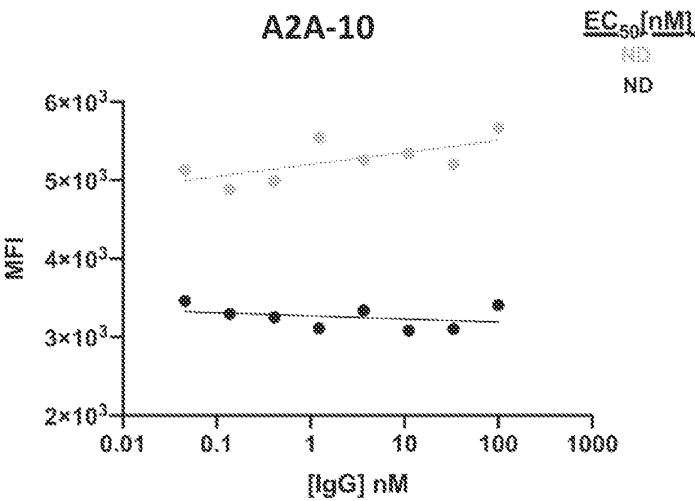


FIG. 19B

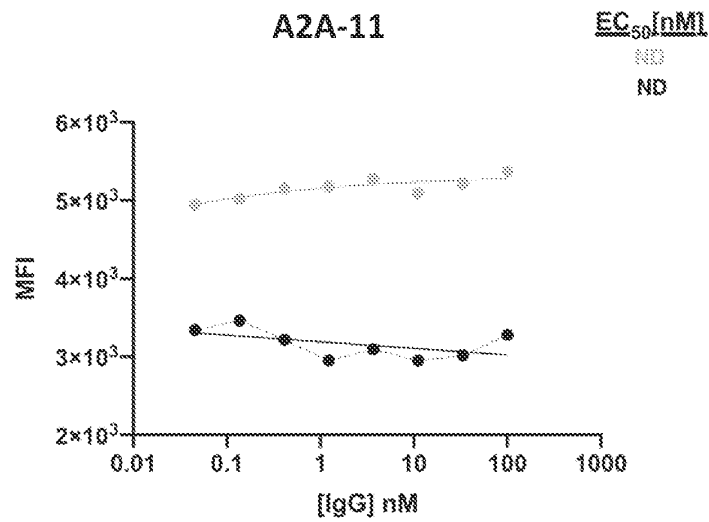


FIG. 19C

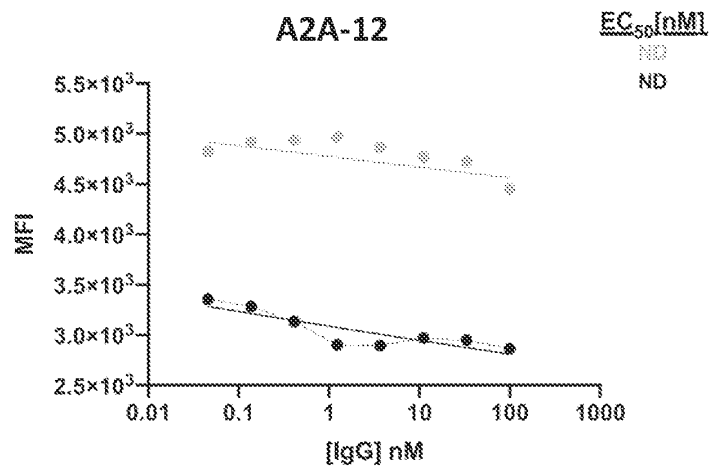


FIG. 19D

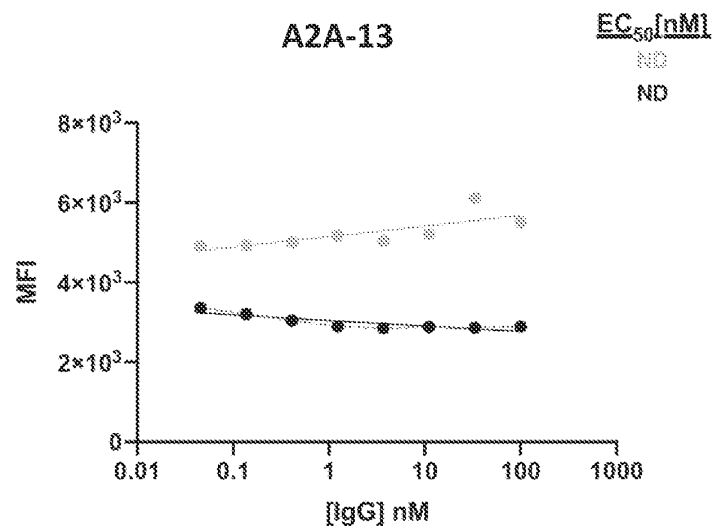


FIG. 19E

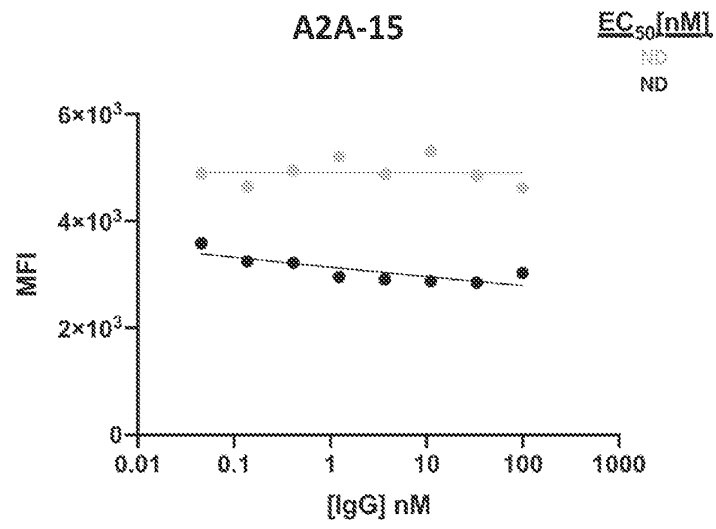


FIG. 19F

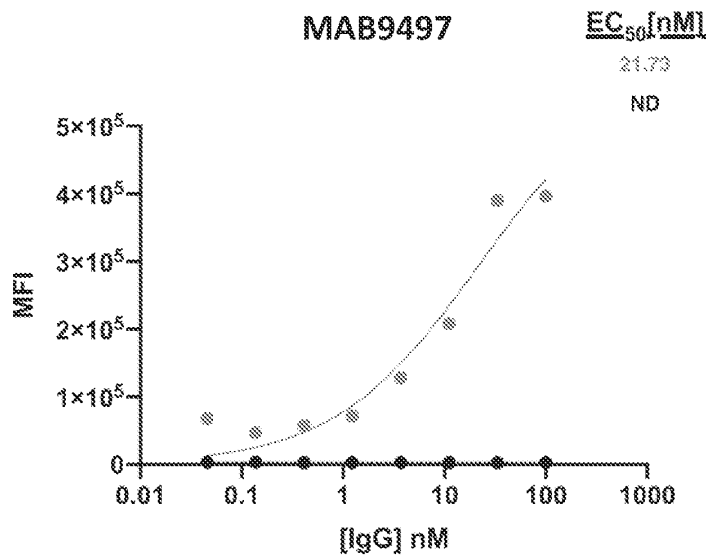


FIG. 19G

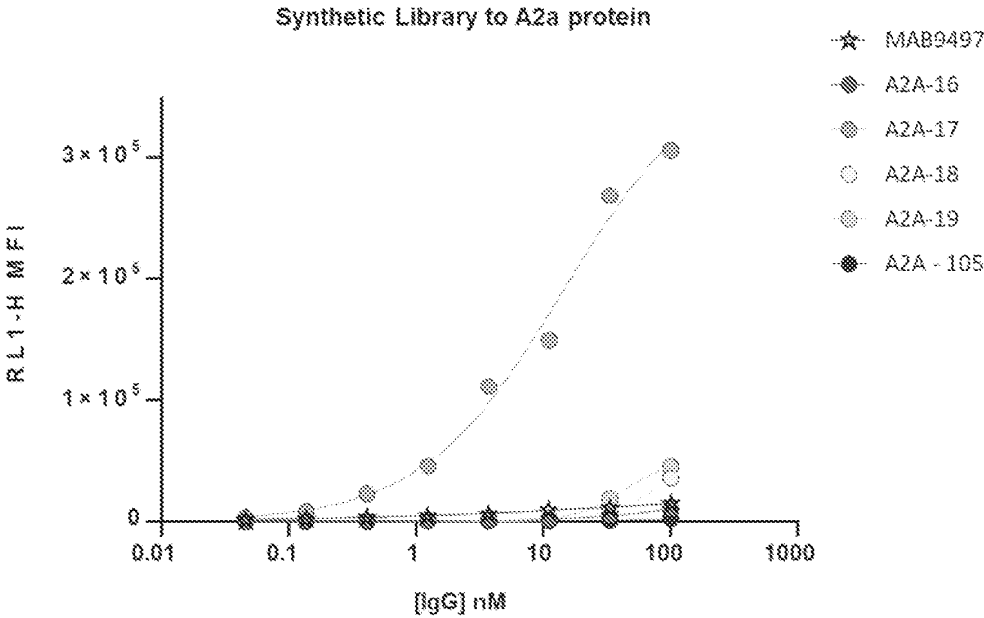


FIG. 20A

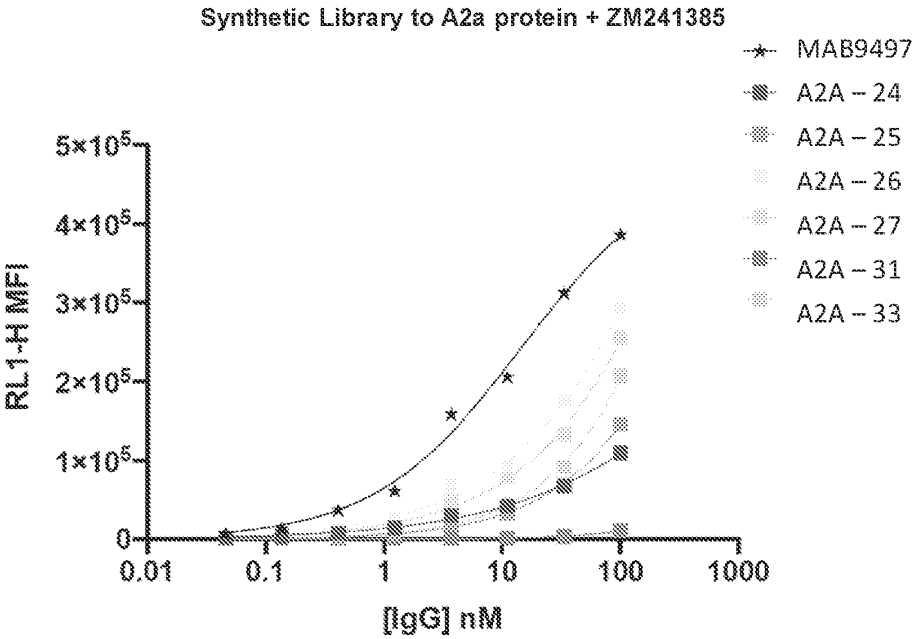


FIG. 20B

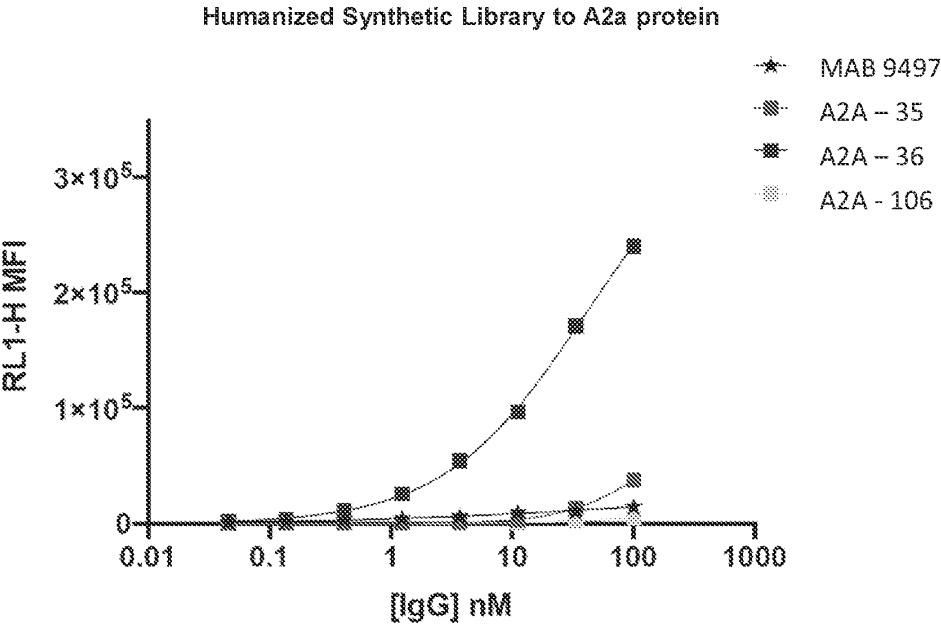


FIG. 20C

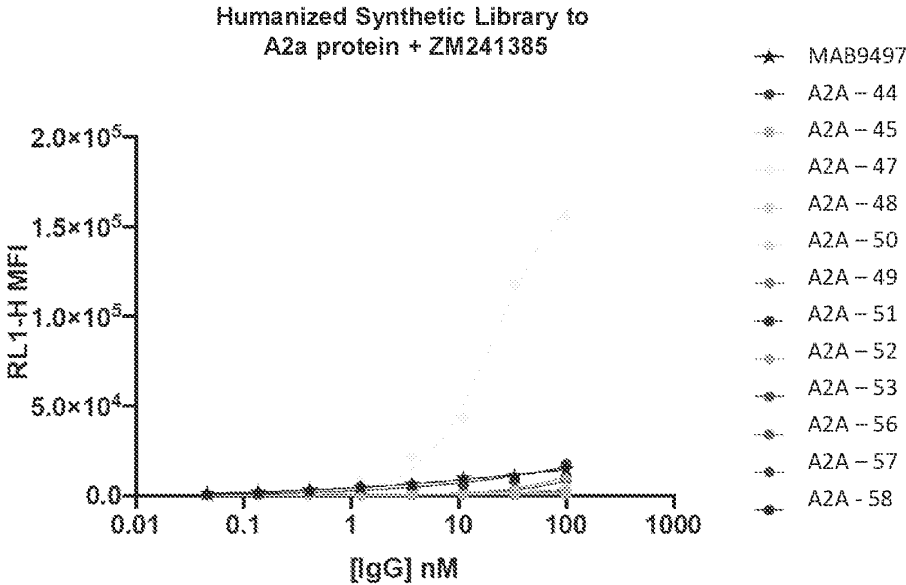


FIG. 20D

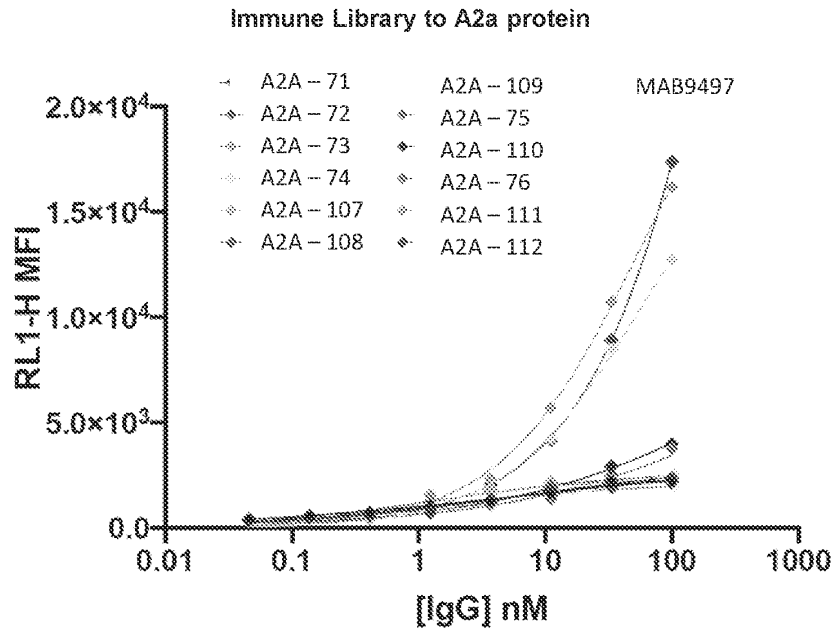


FIG. 20E

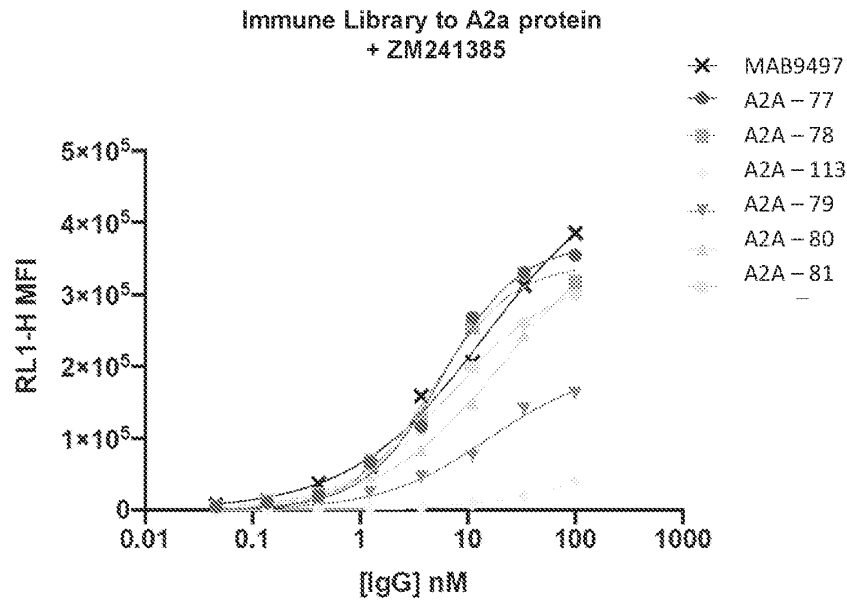


FIG. 20F

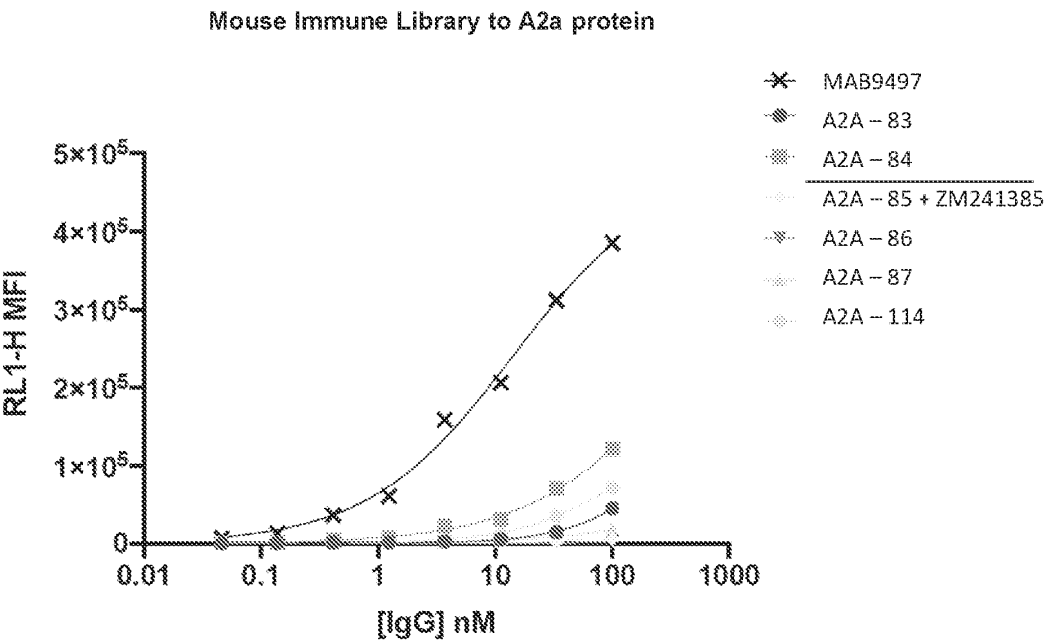


FIG. 20G

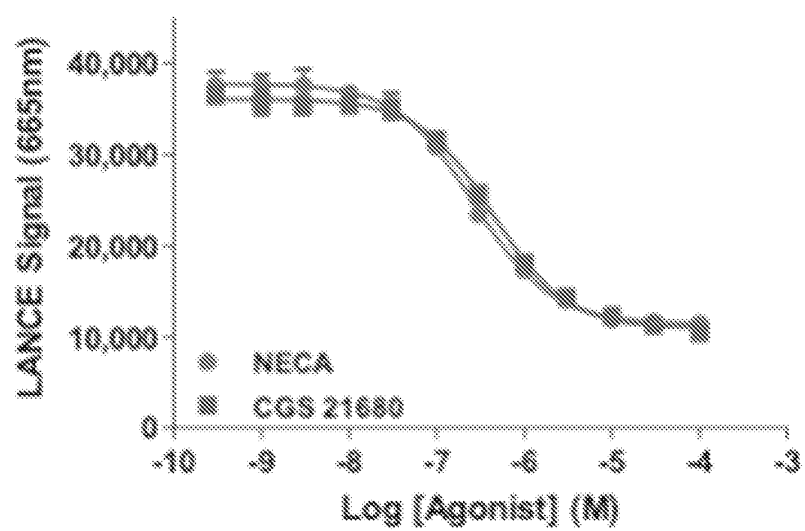


FIG. 21

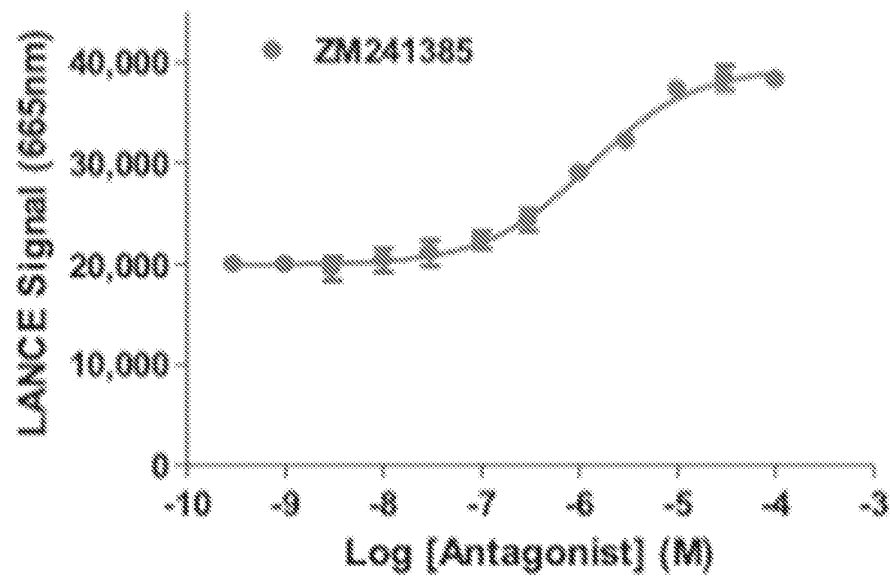


FIG. 22

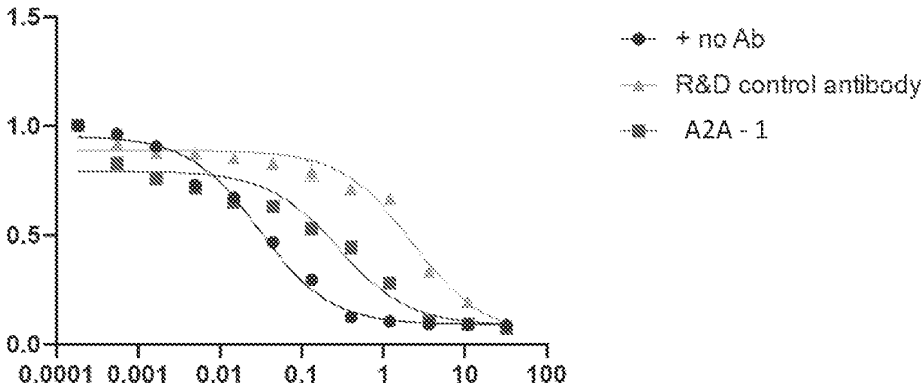


FIG. 23

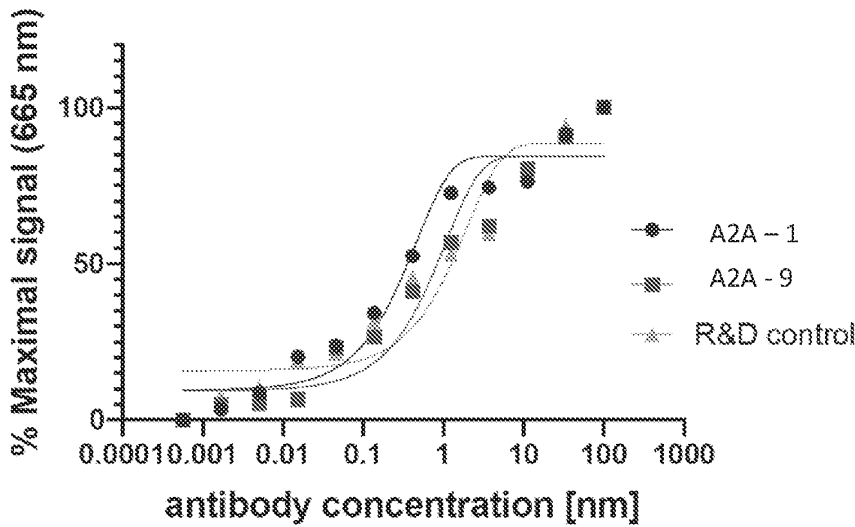


FIG. 24

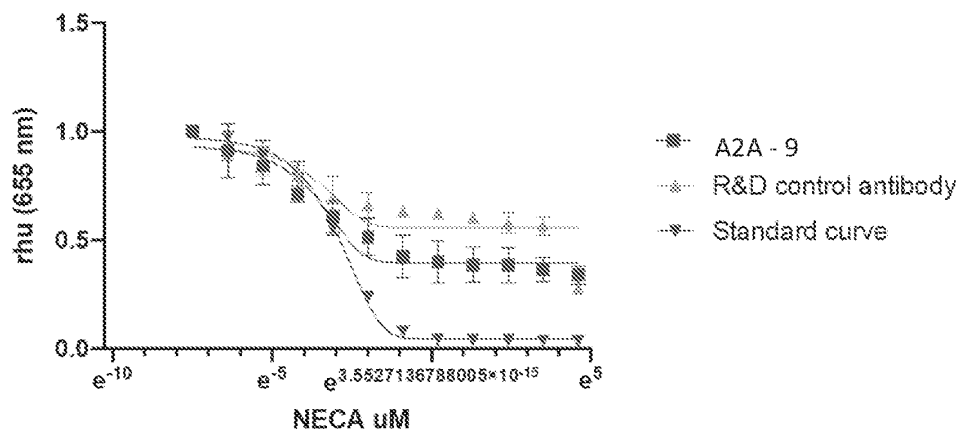


FIG. 25

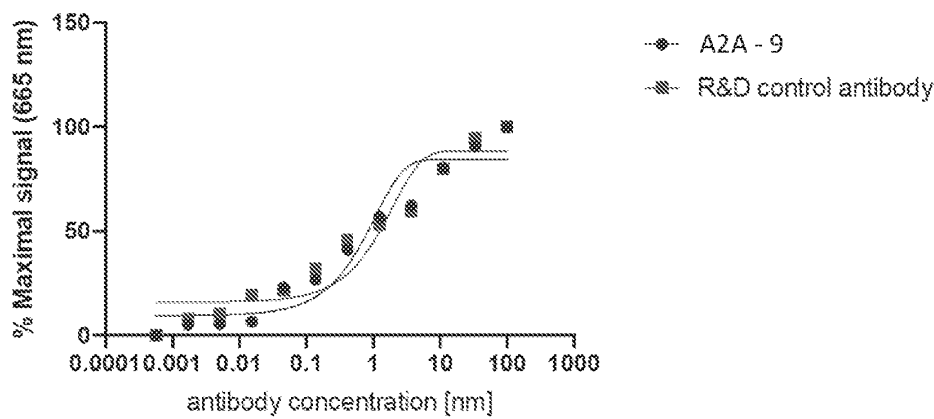


FIG. 26

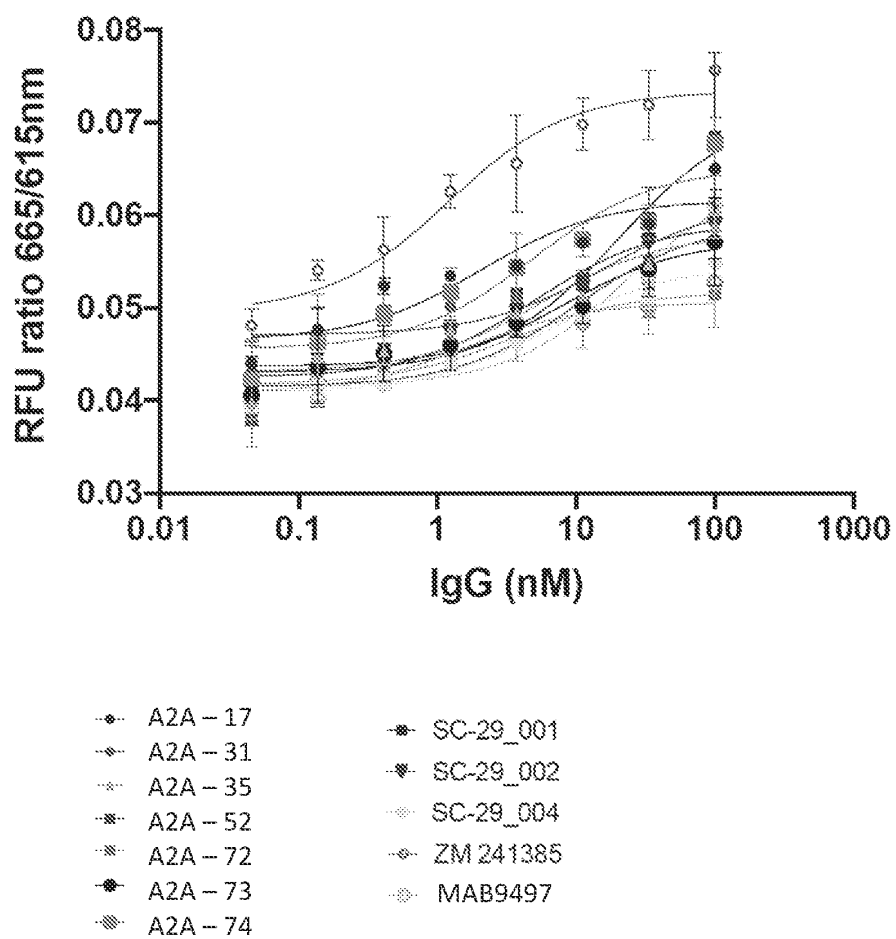


FIG. 27A

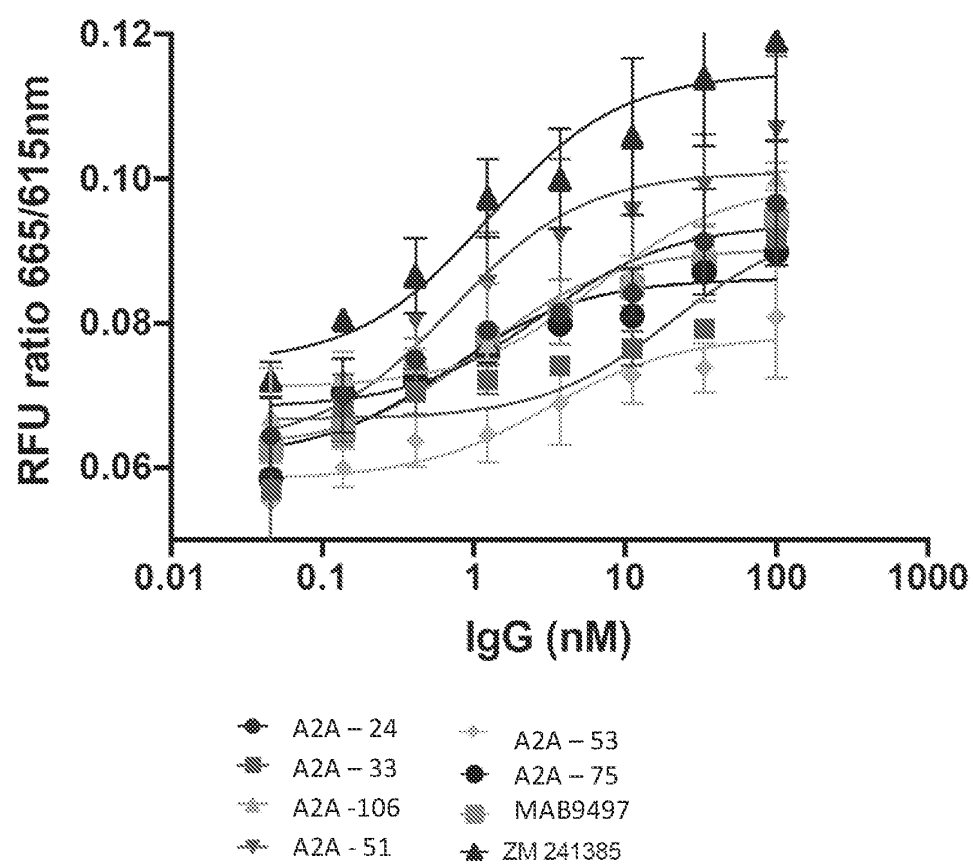


FIG. 27B

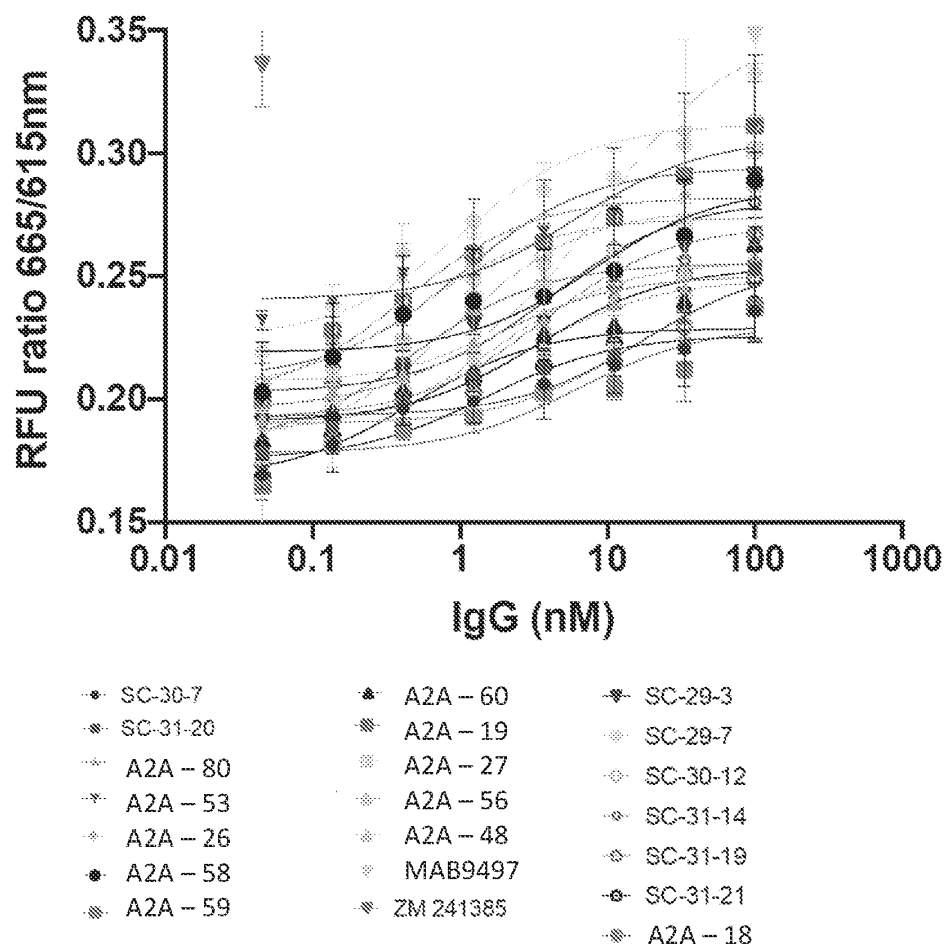
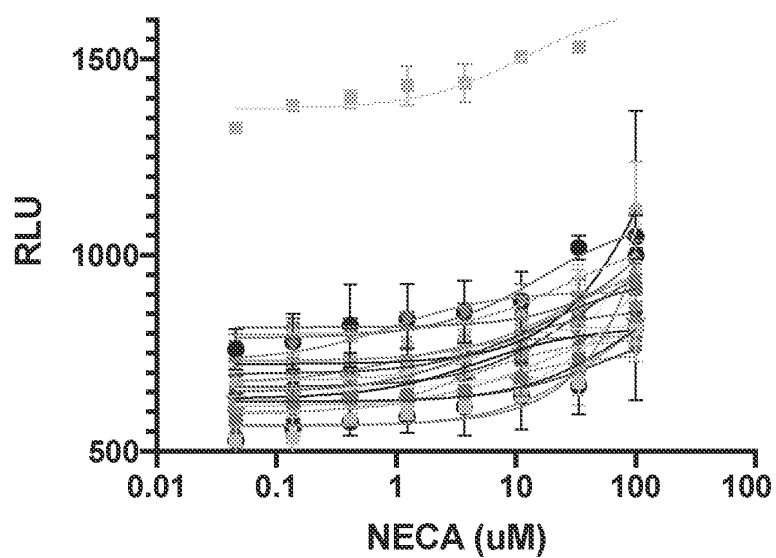


FIG. 27C

A2a antagonistic cAMP assay



- | | |
|-------------|-------------|
| ● A2A - 17 | ● A2A - 35 |
| ▼ A2A - 19 | ● A2A - 36 |
| ◆ A2A - 24 | ■ A2A - 37 |
| ✕ A2A - 26 | ◆ A2A - 51 |
| ▲ A2A - 27 | ● A2A - 52 |
| ■ A2A - 31 | ▼ A2A - 53 |
| ◆ A2A - 72 | ◆ A2A - 83 |
| ◆ A2A - 74 | ■ A2A - 84 |
| ◆ A2A - 75 | |
| ● A2A - 77 | |
| ◆ A2A - 78 | ■ A2A - 254 |
| ▲ A2A - 81 | |
| — ZM 241385 | |
| — No Ab | |

FIG. 28A

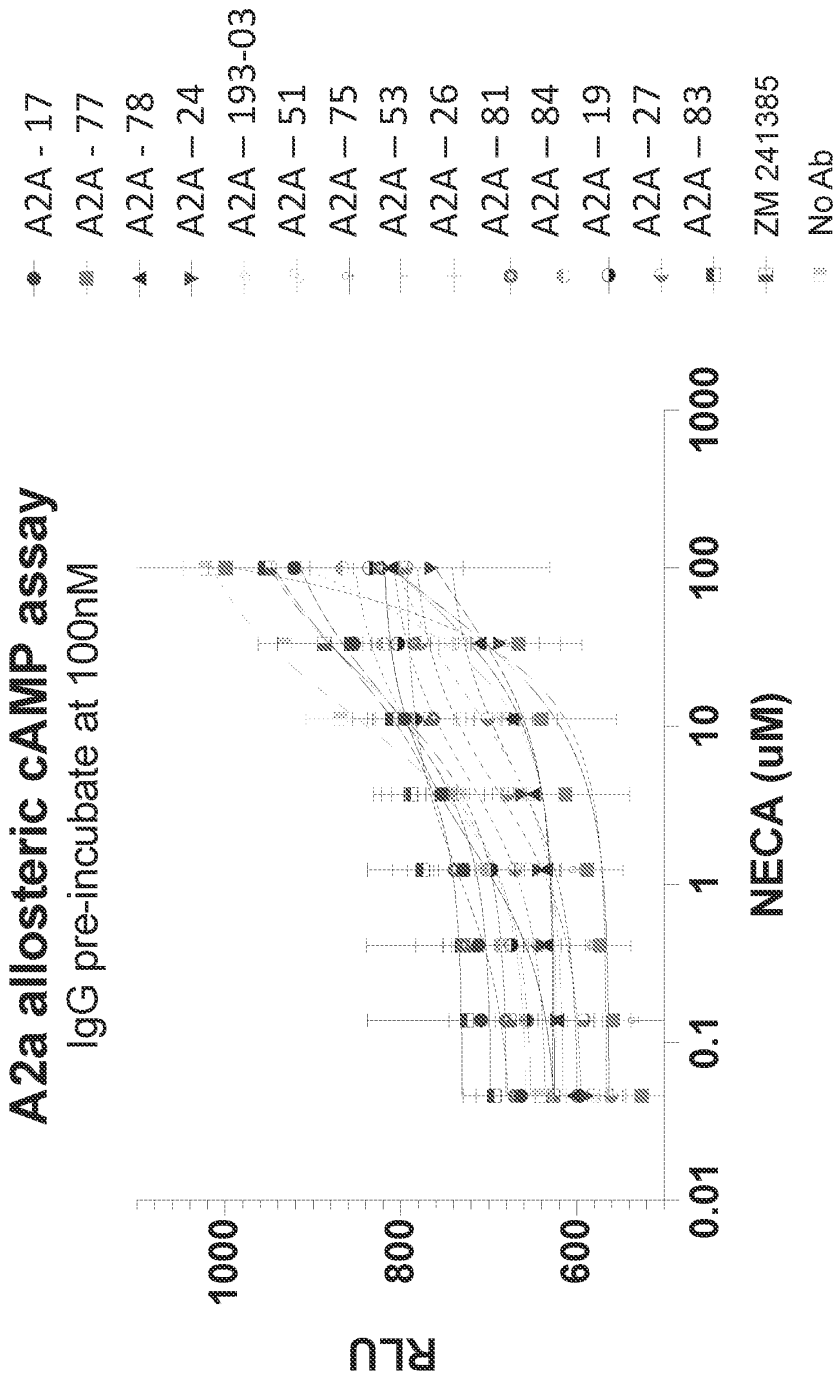


FIG. 28B

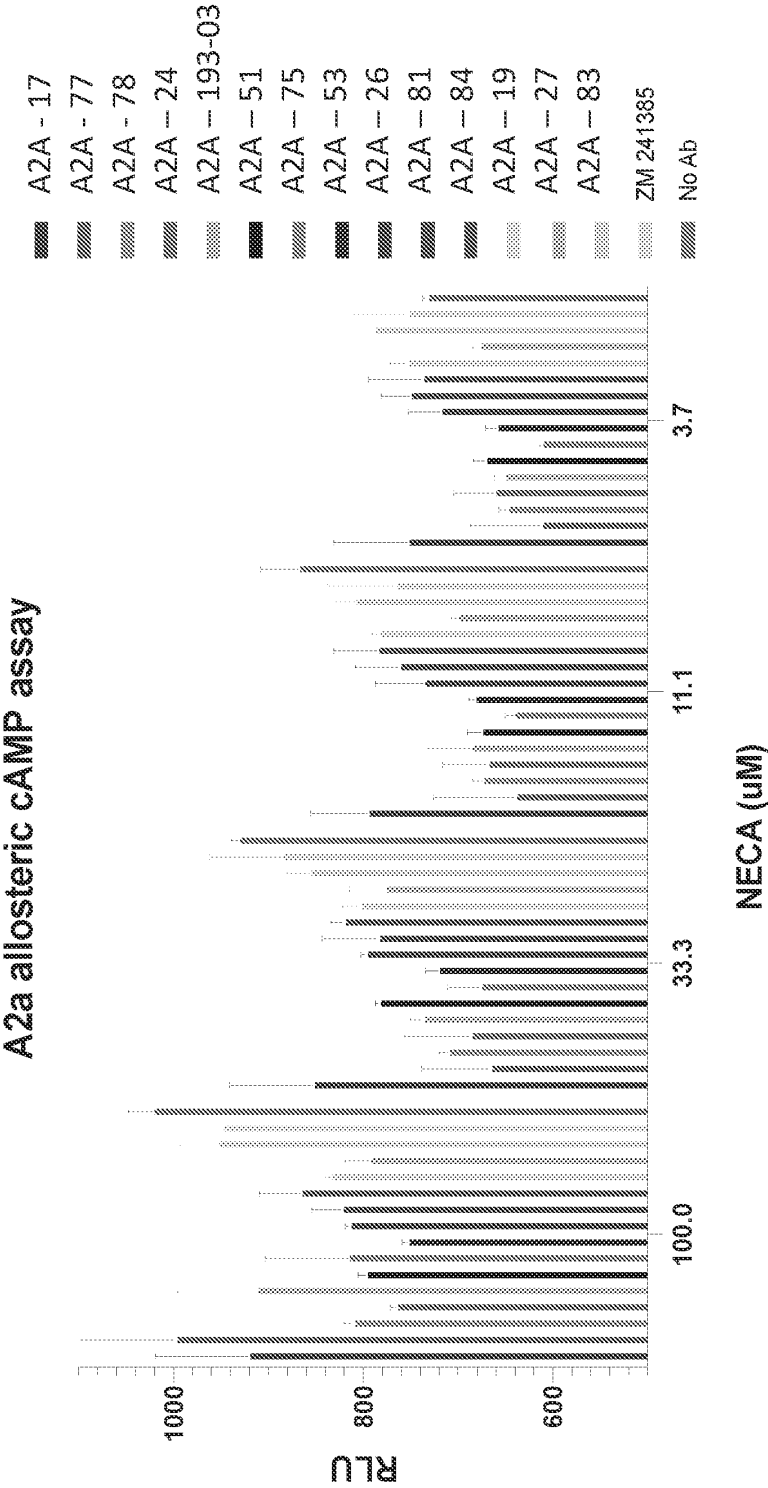


FIG. 28C

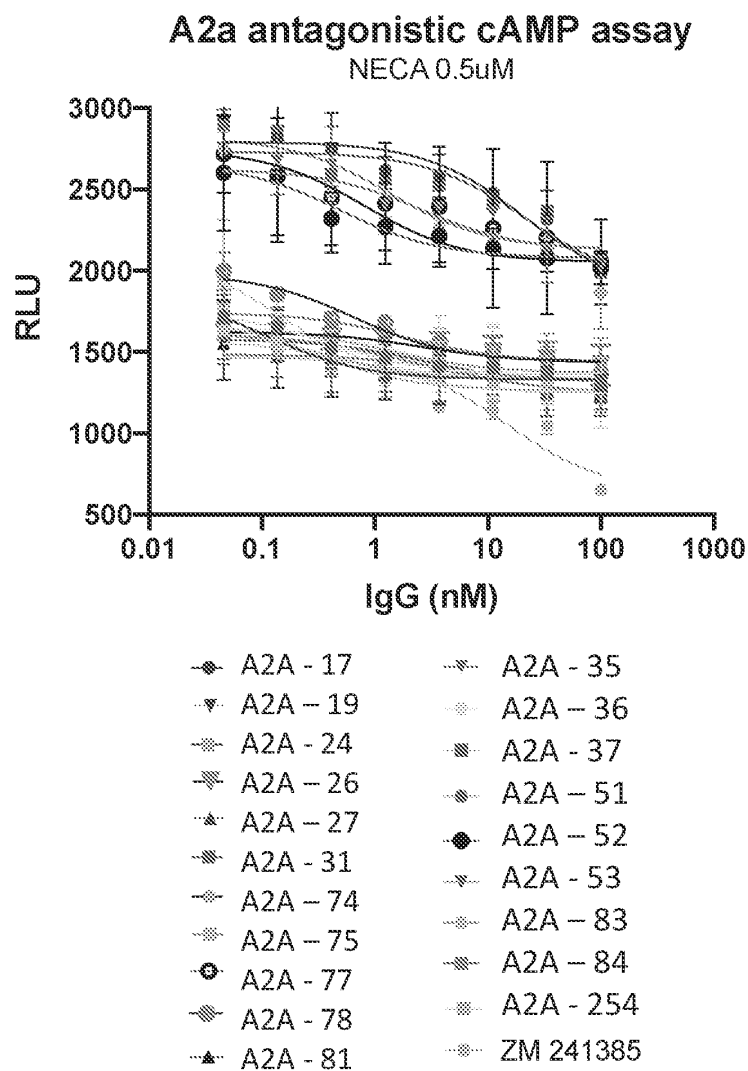


FIG. 29A

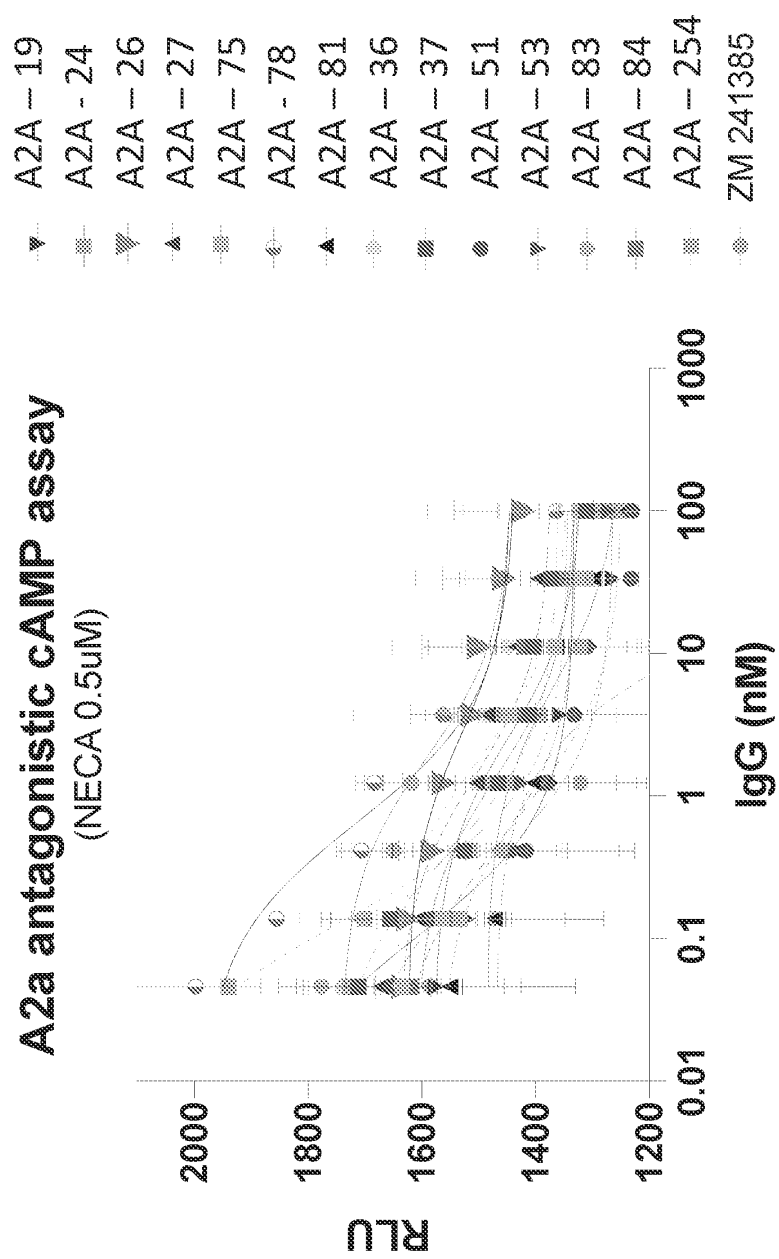


FIG. 29B

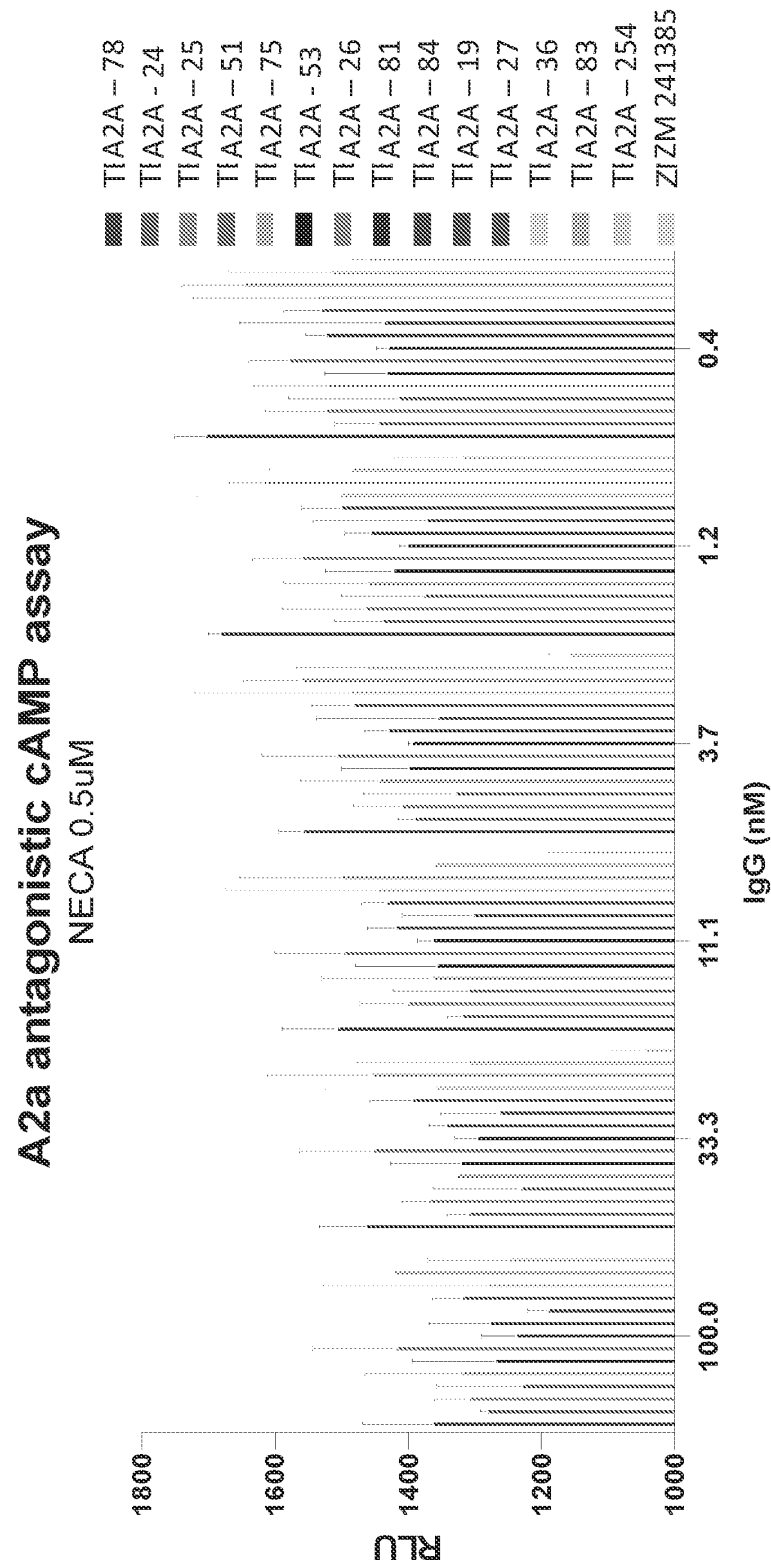


FIG. 29C

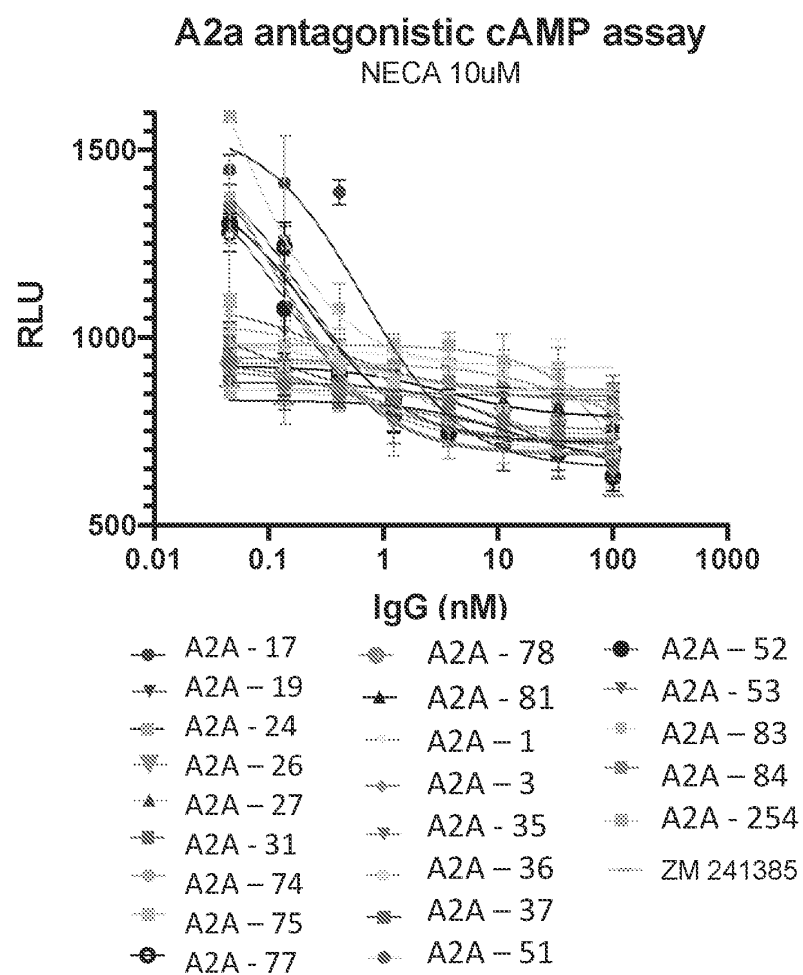


FIG. 30A

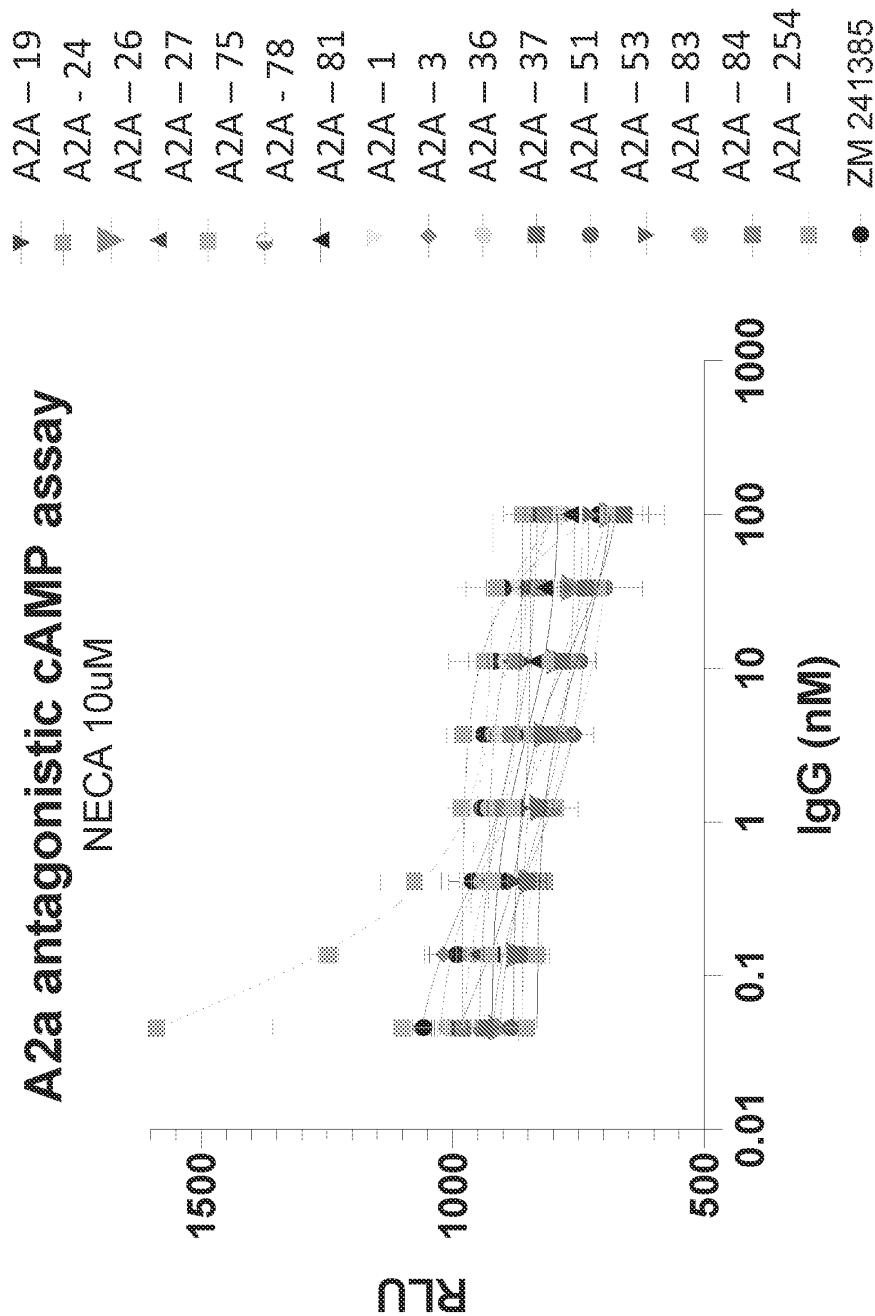


FIG. 30B

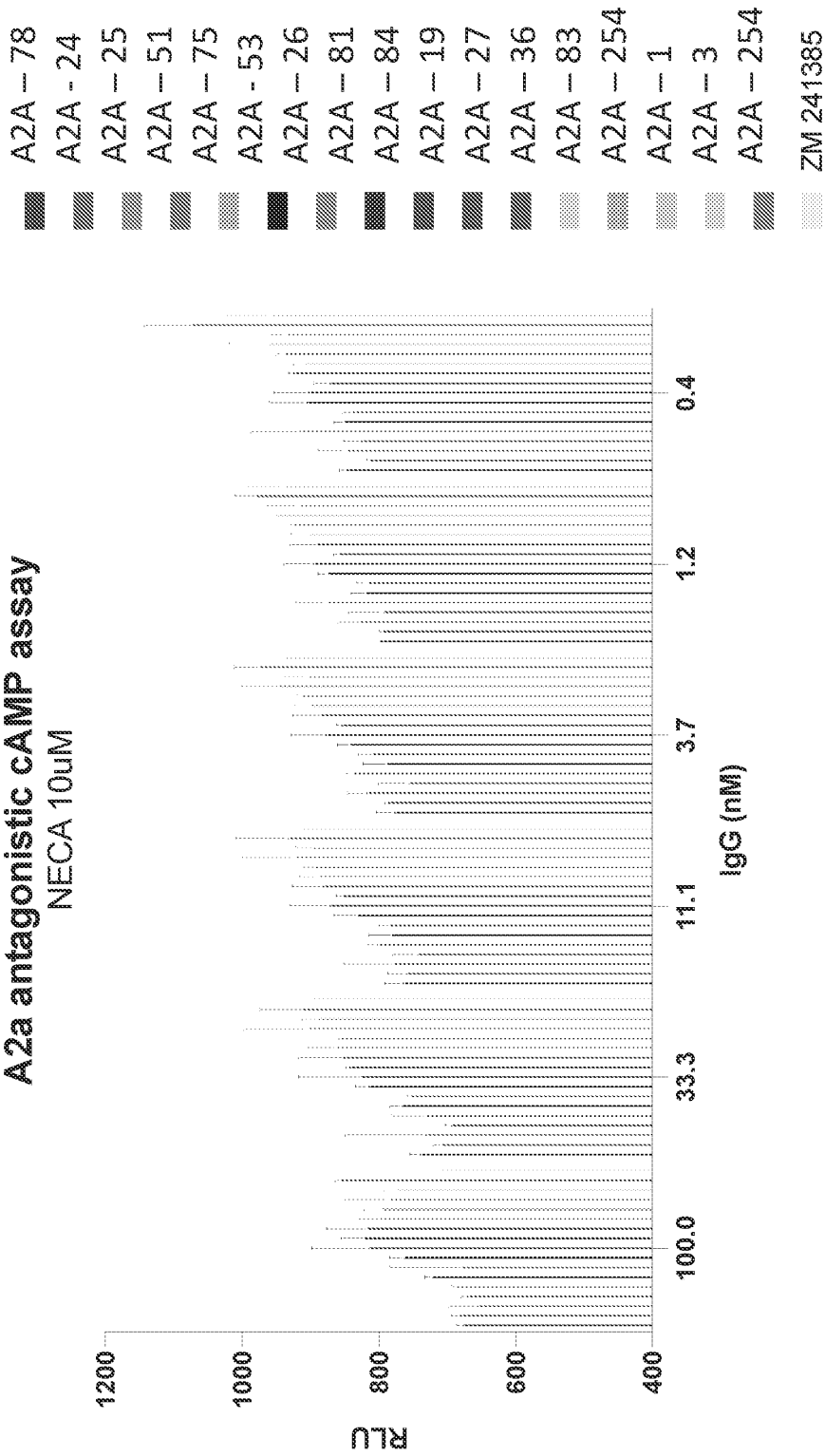


FIG. 30C