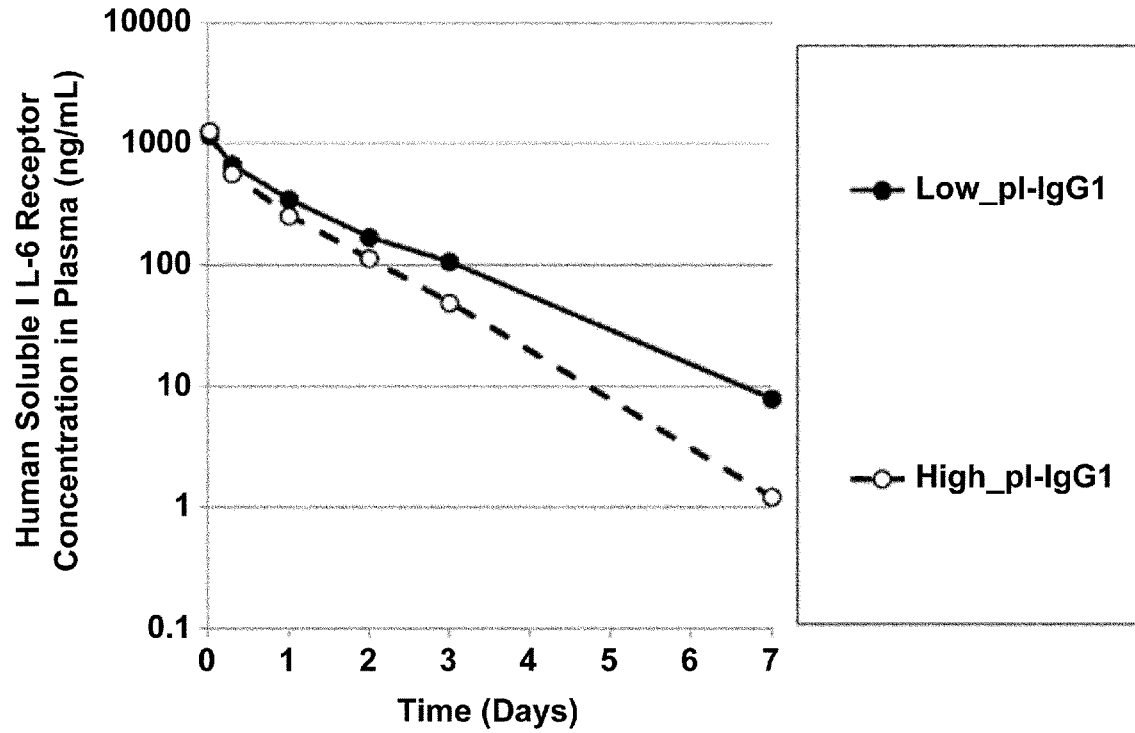
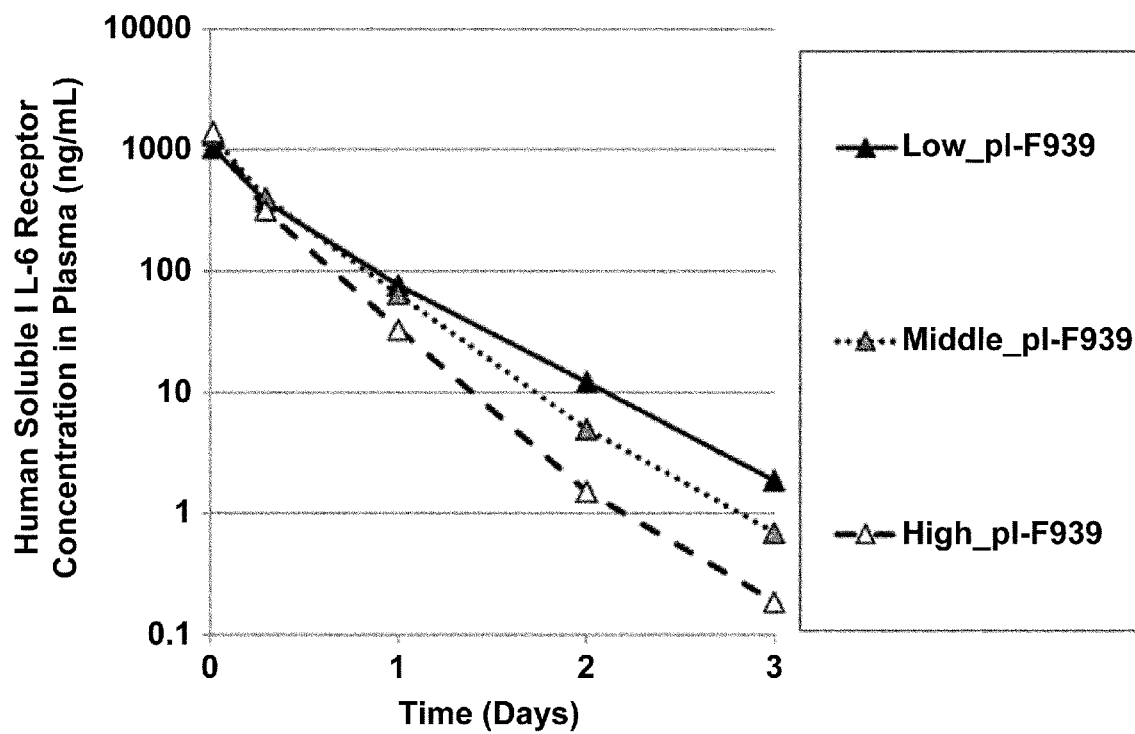


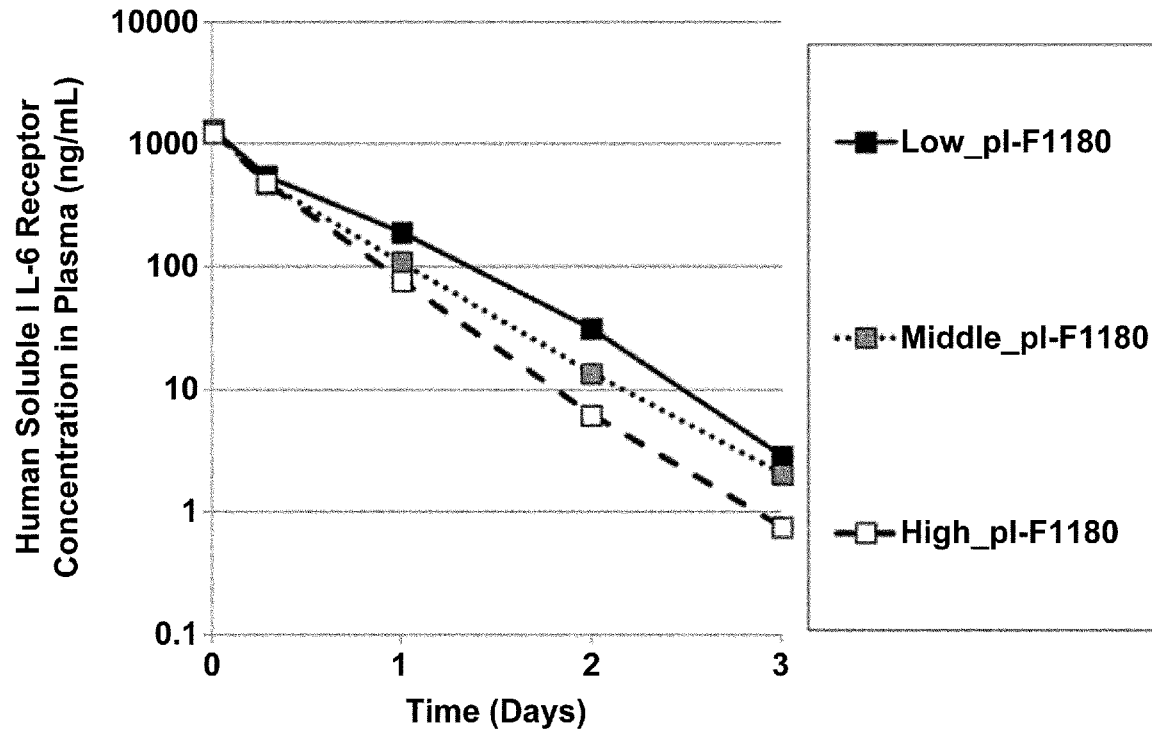
[Fig. 1]



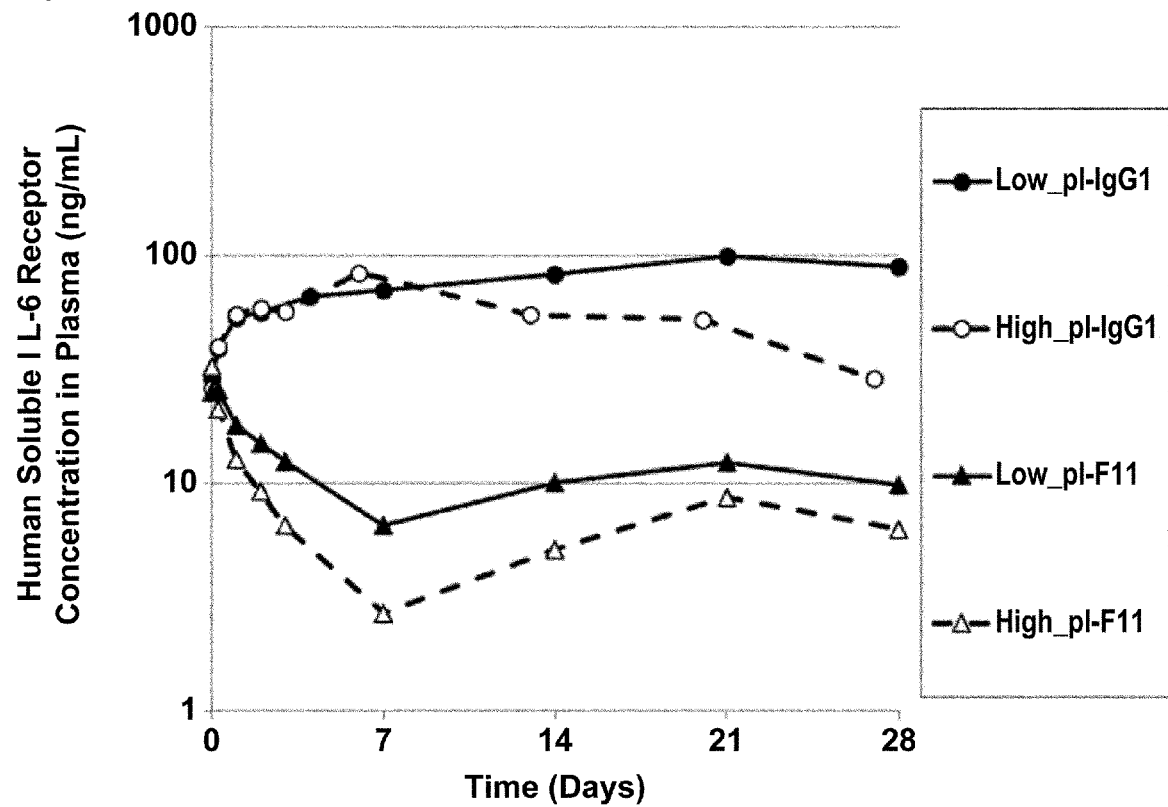
[Fig. 2]



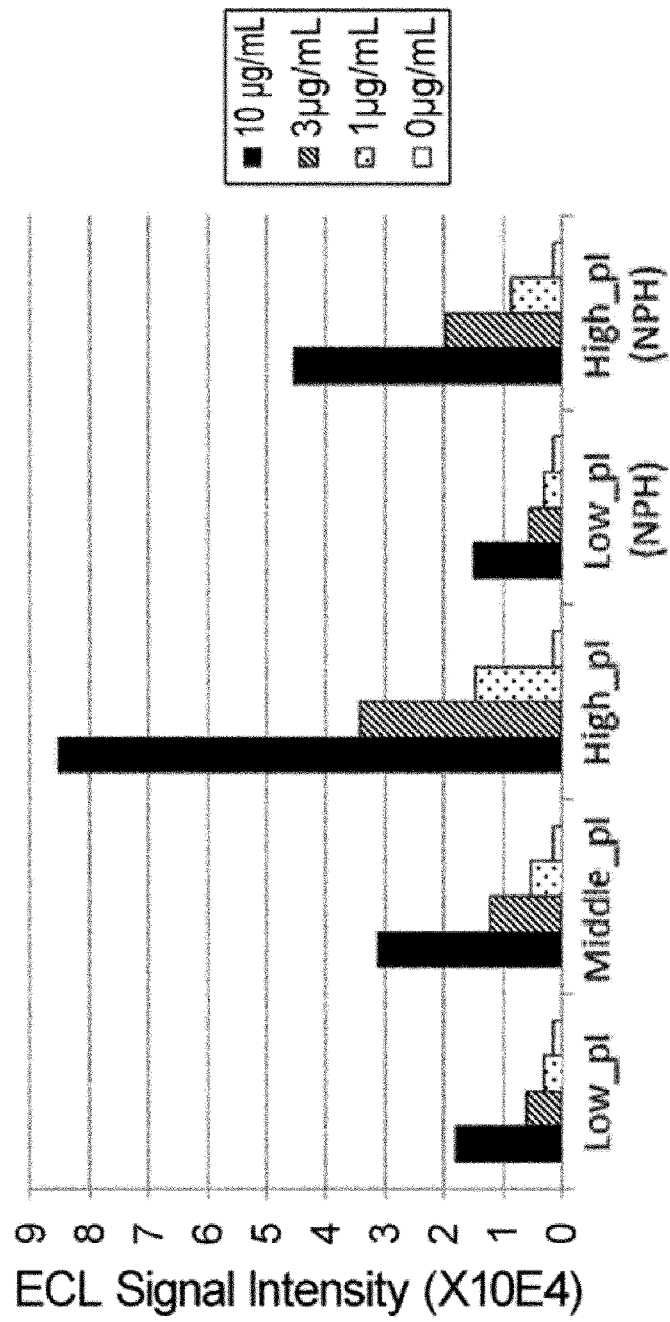
[Fig. 3]



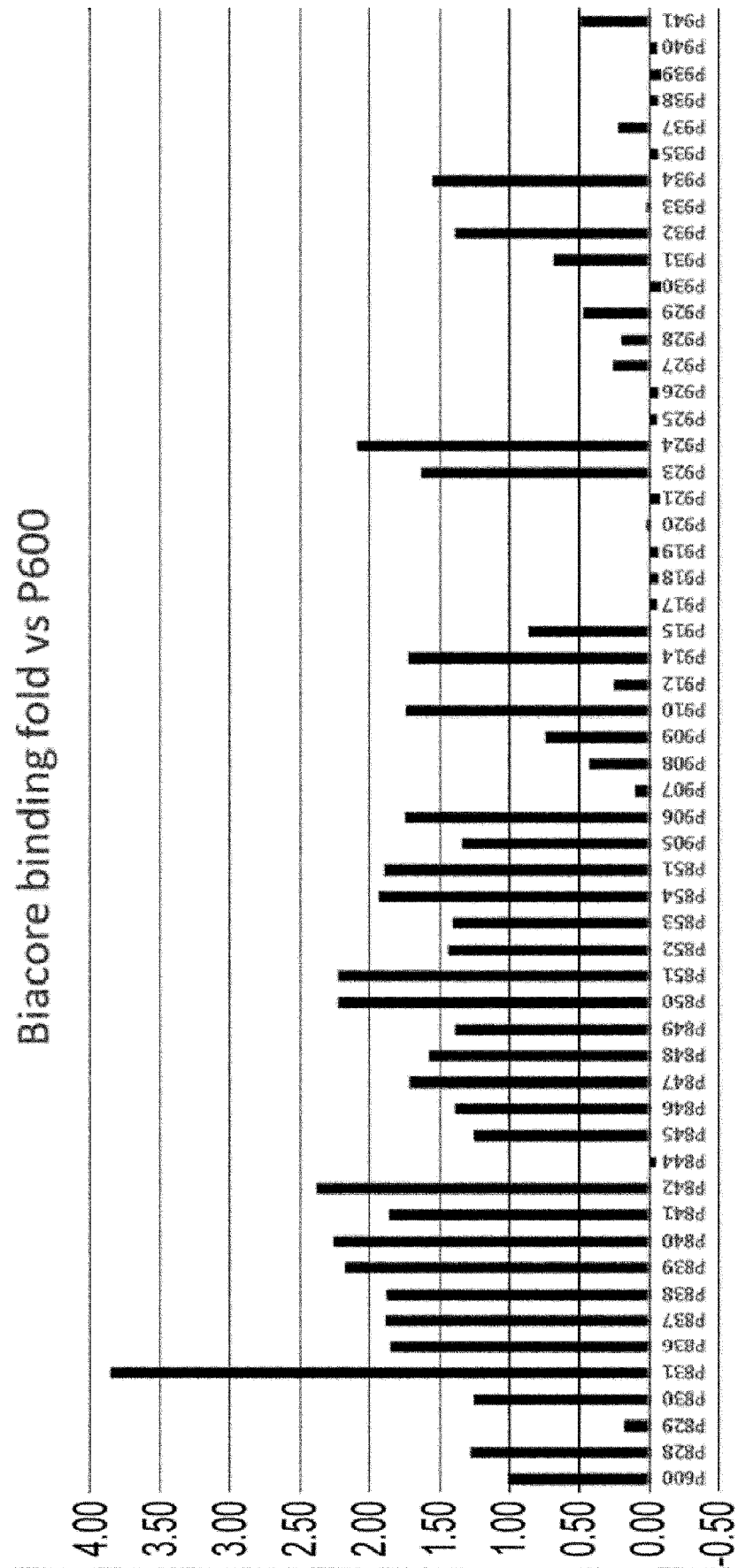
[Fig. 4]



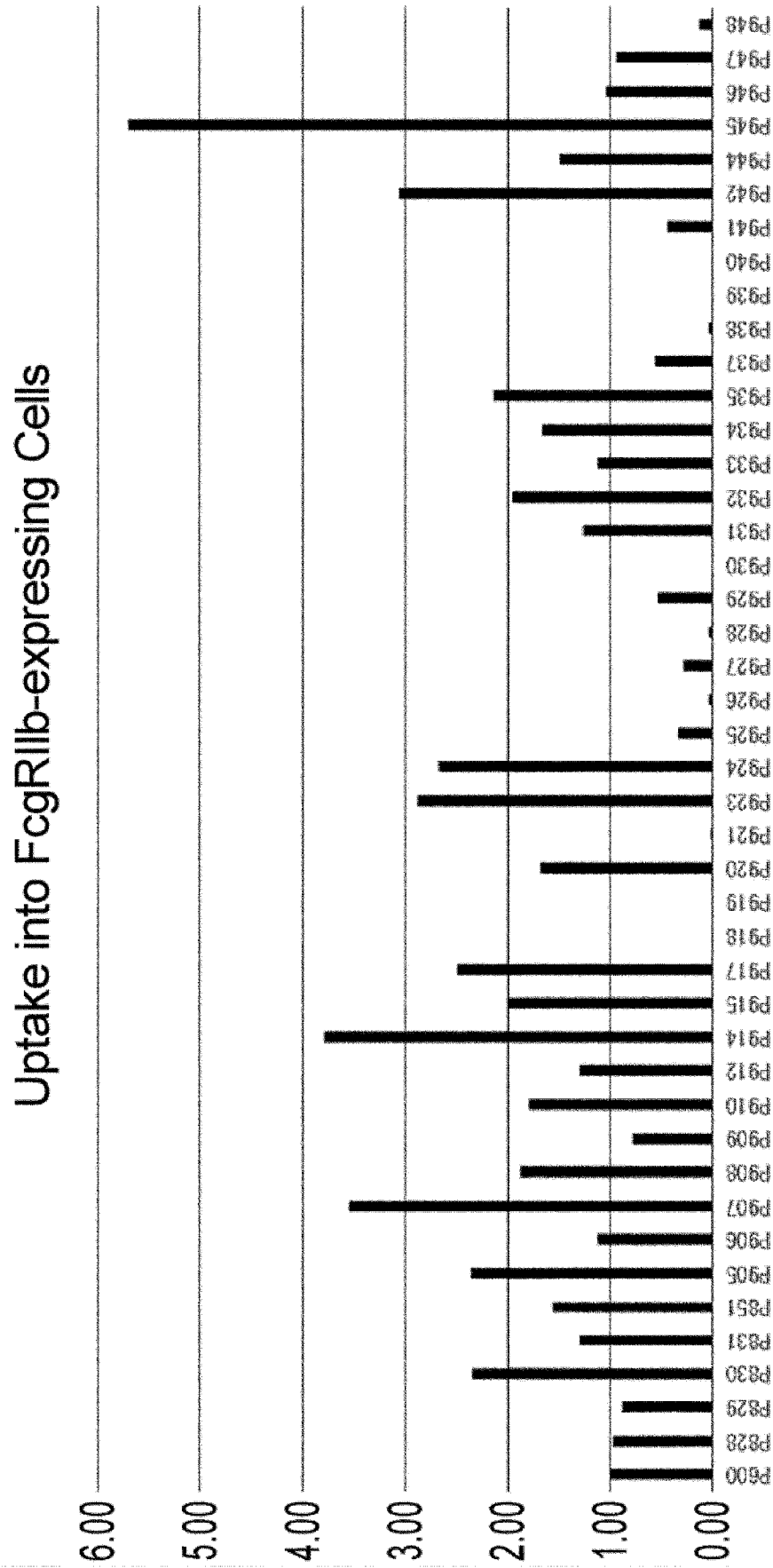
[Fig. 5]



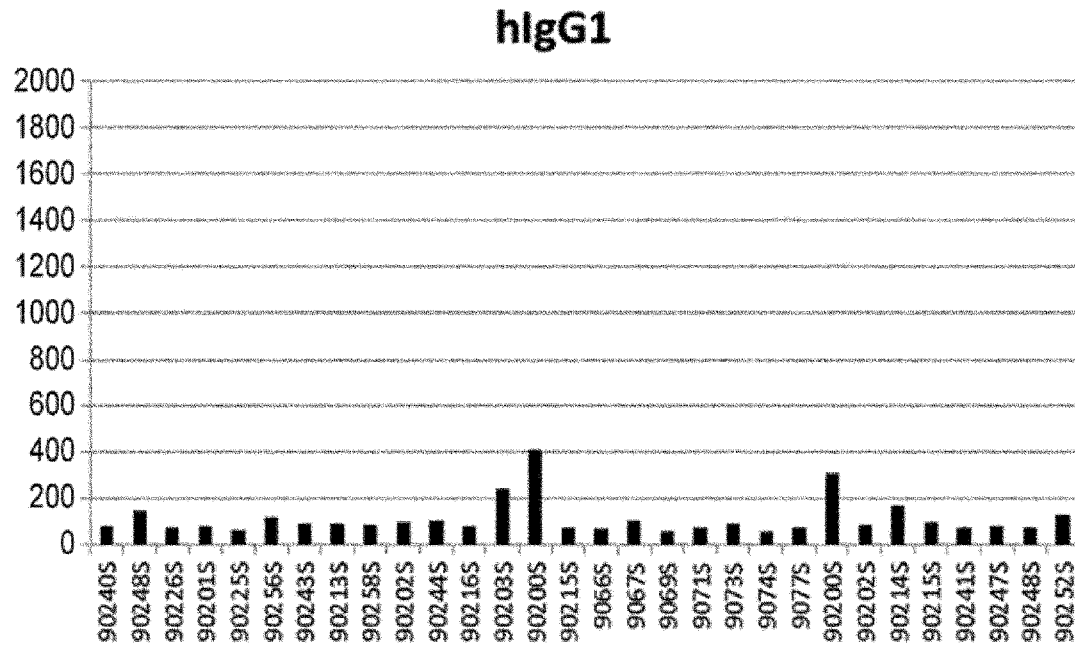
[Fig. 6]



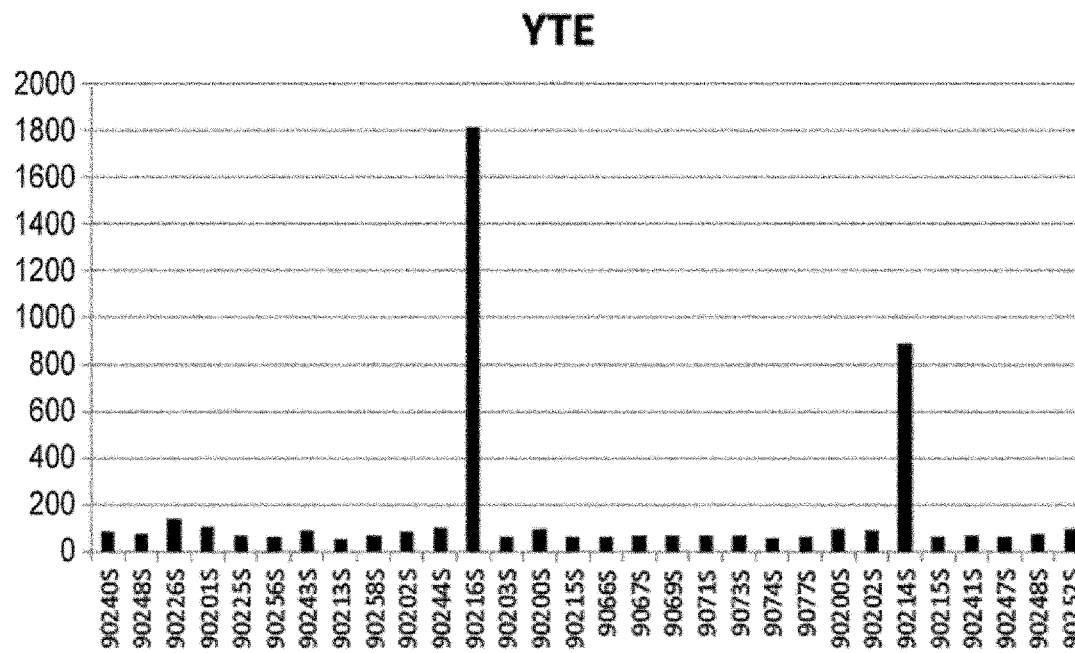
[Fig. 7]



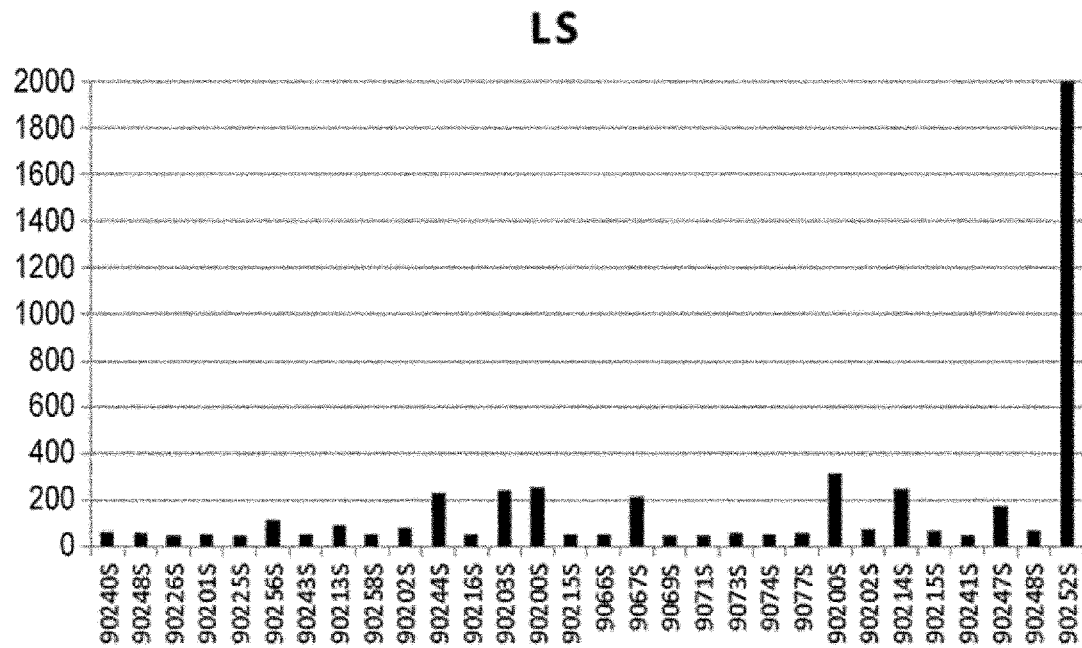
[Fig. 8]



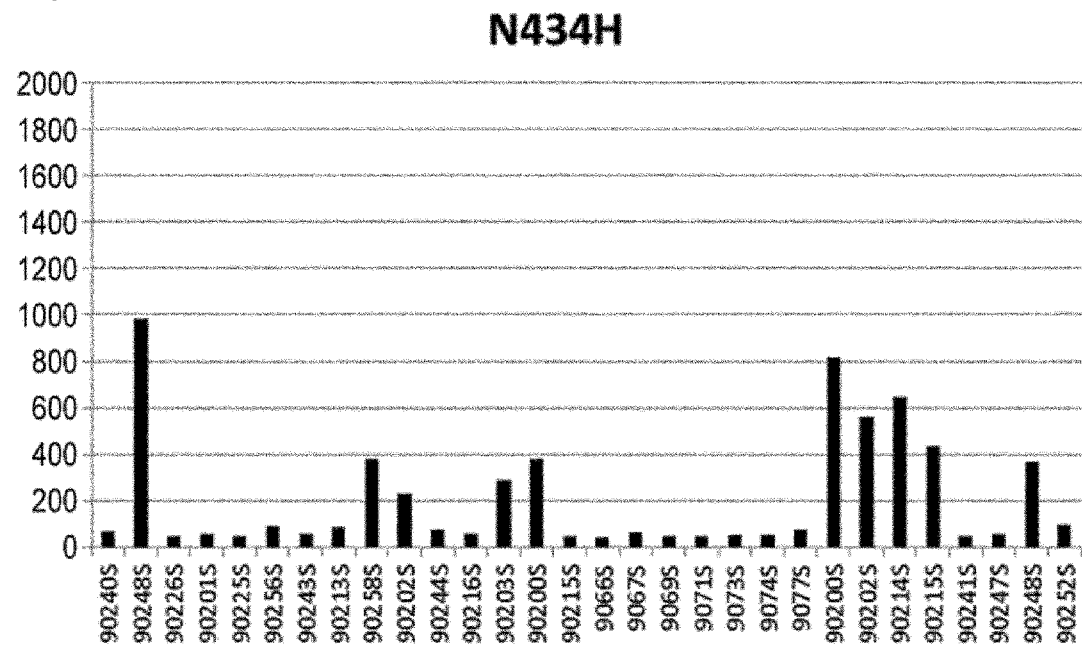
[Fig. 9]



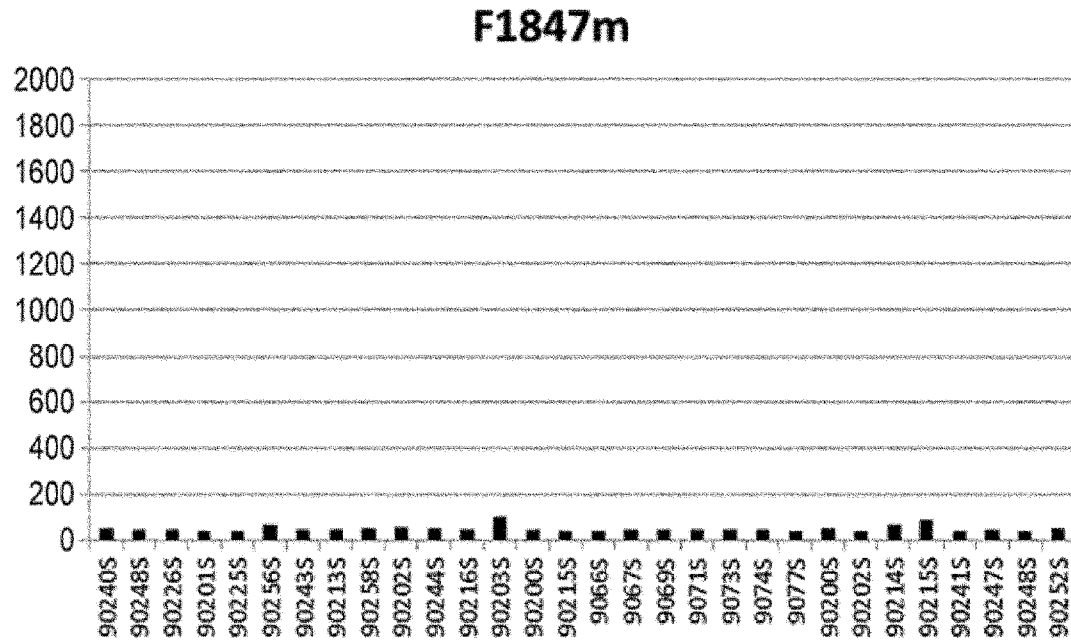
[Fig. 10]



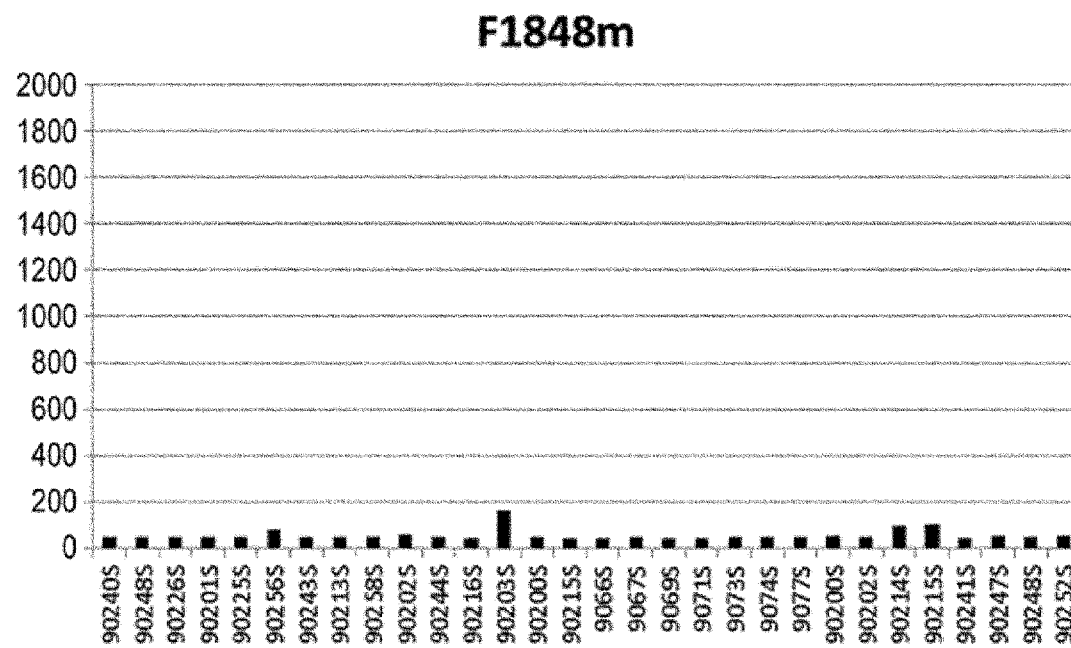
[Fig. 11]



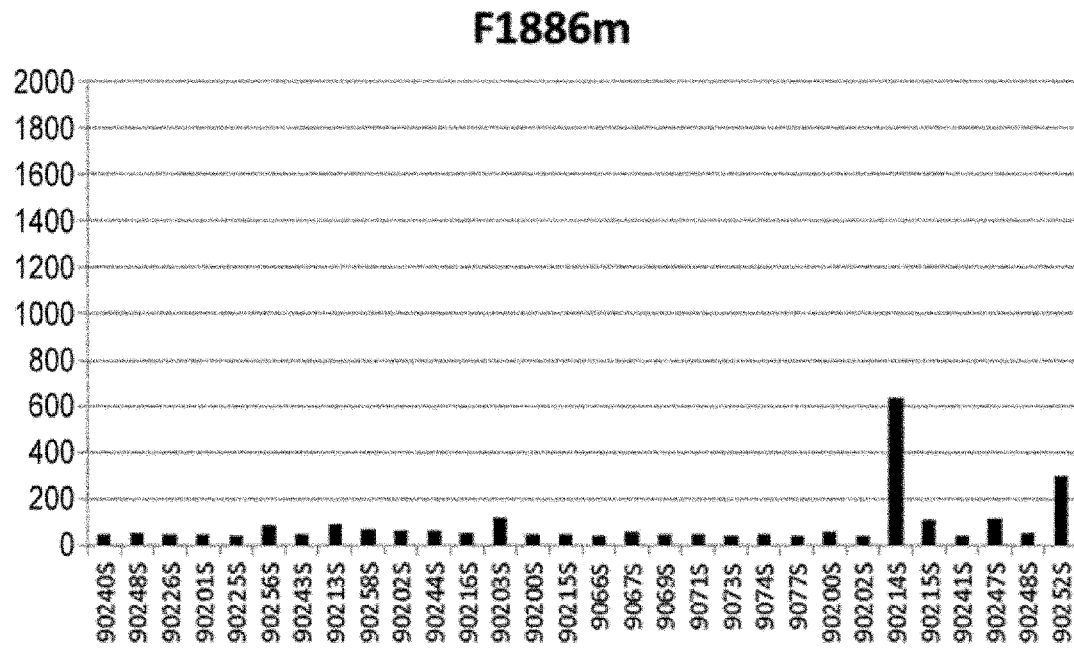
[Fig. 12]



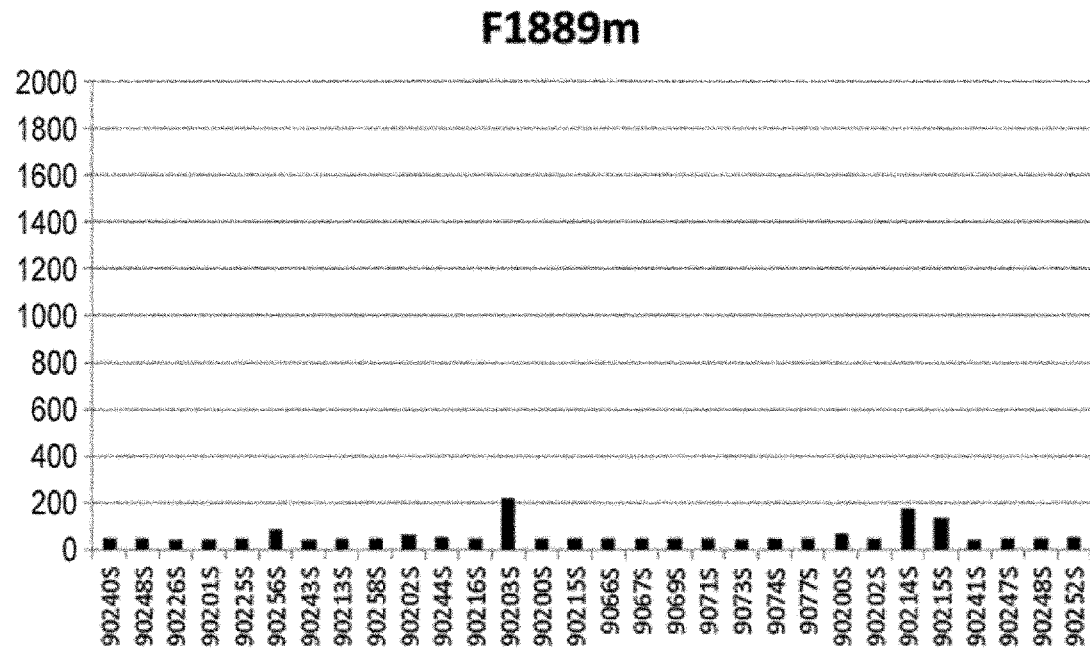
[Fig. 13]



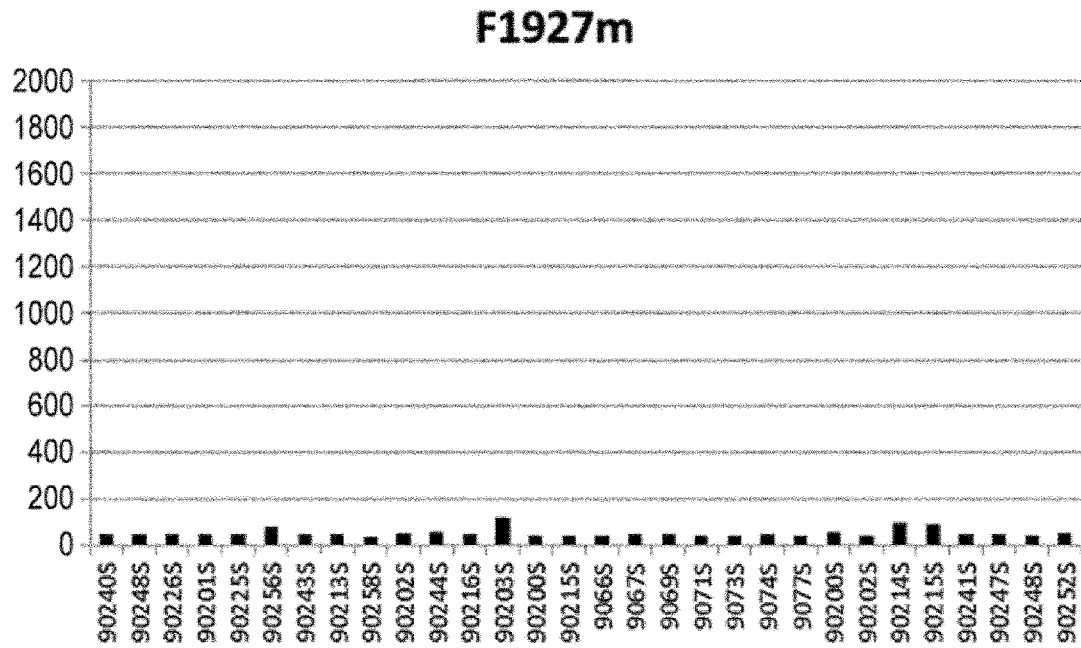
[Fig. 14]



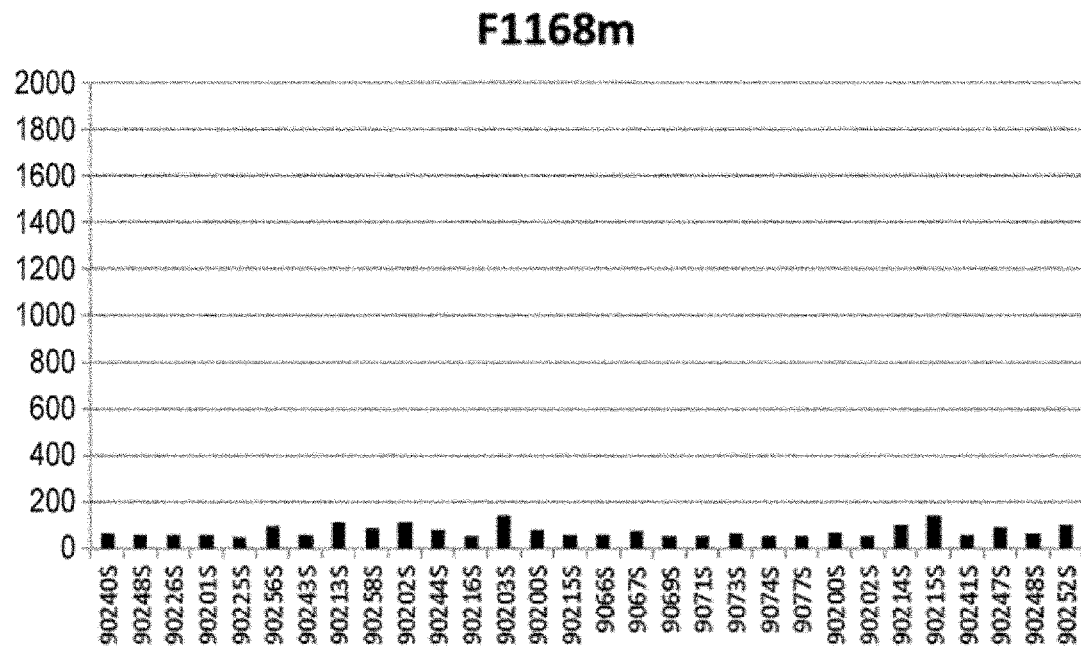
[Fig. 15]



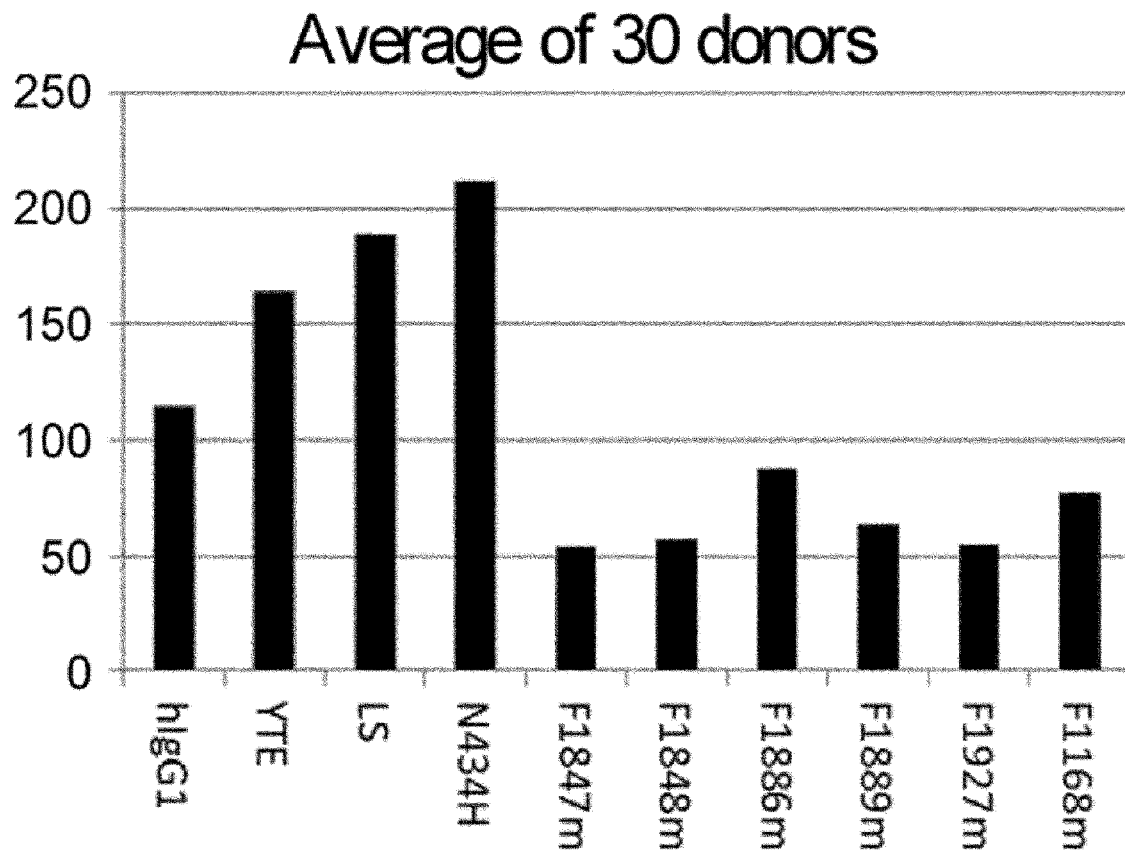
[Fig. 16]



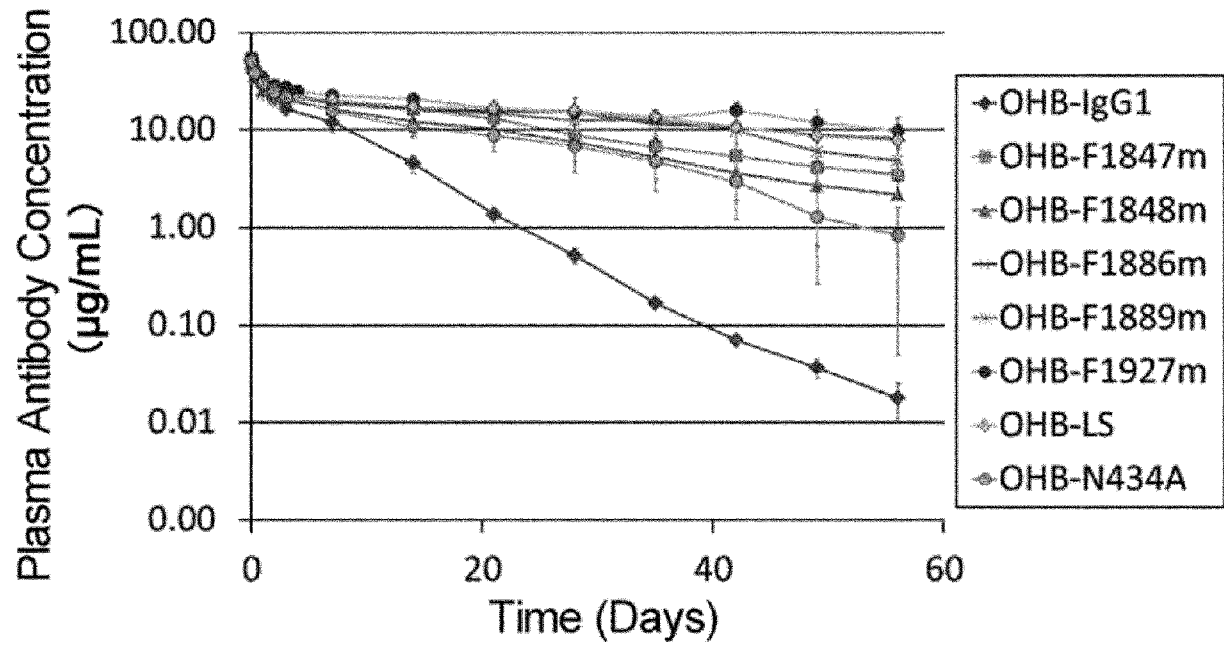
[Fig. 17]



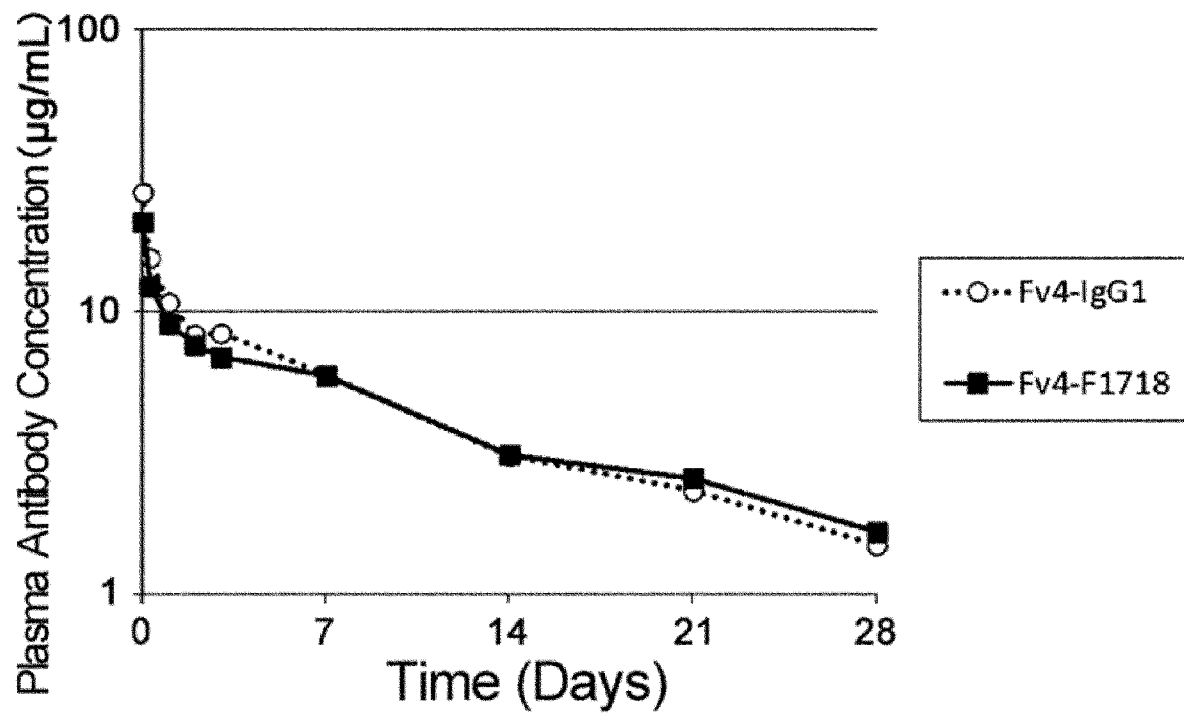
[Fig. 18]



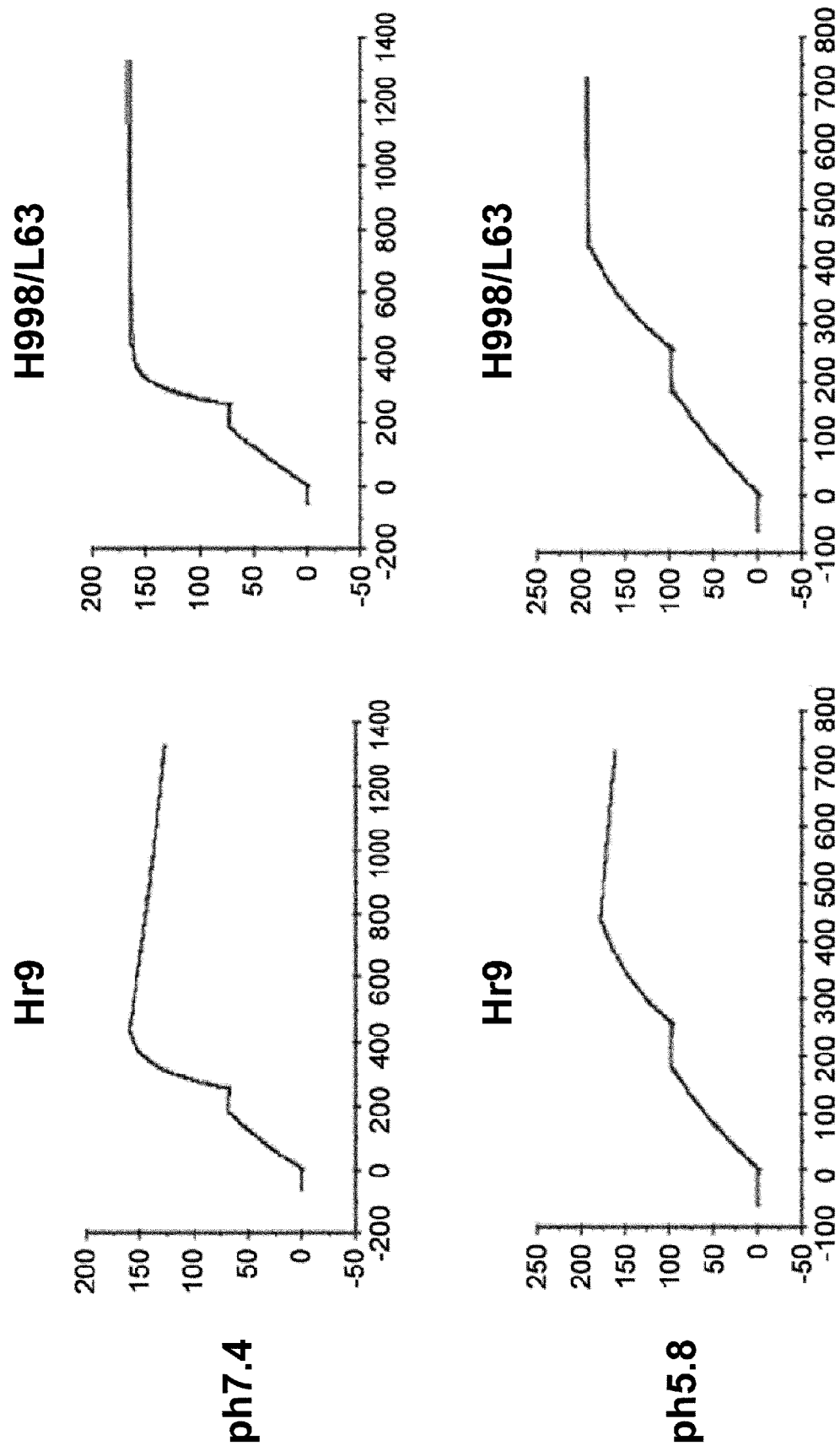
[Fig. 19]



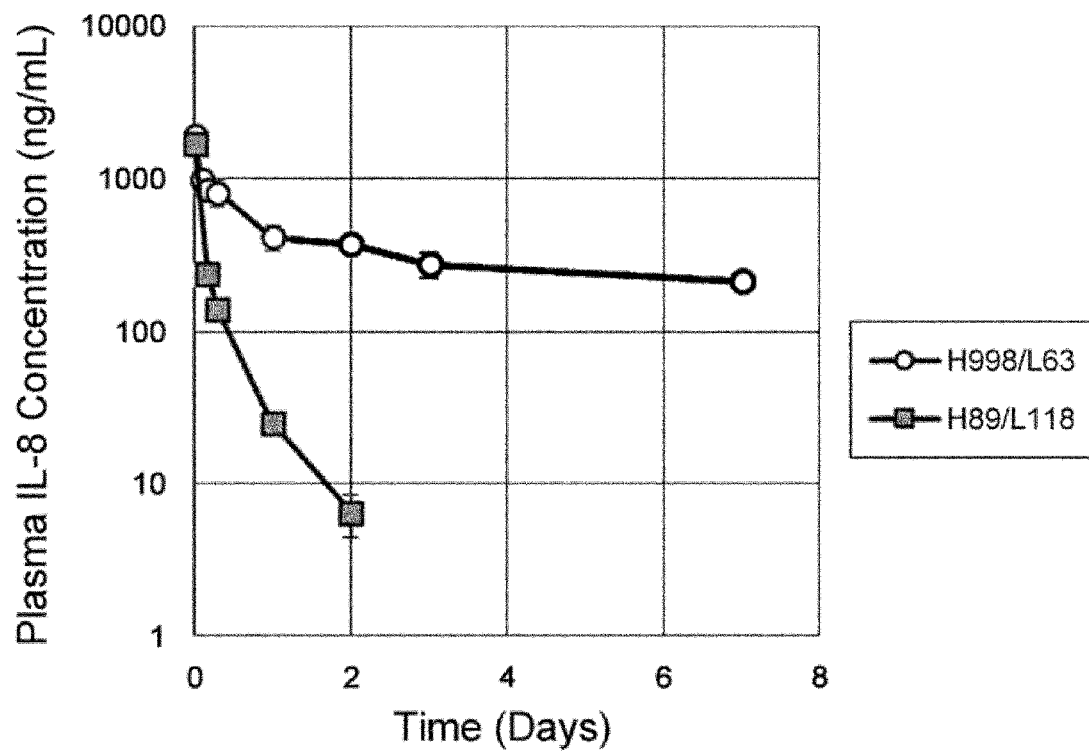
[Fig. 20]



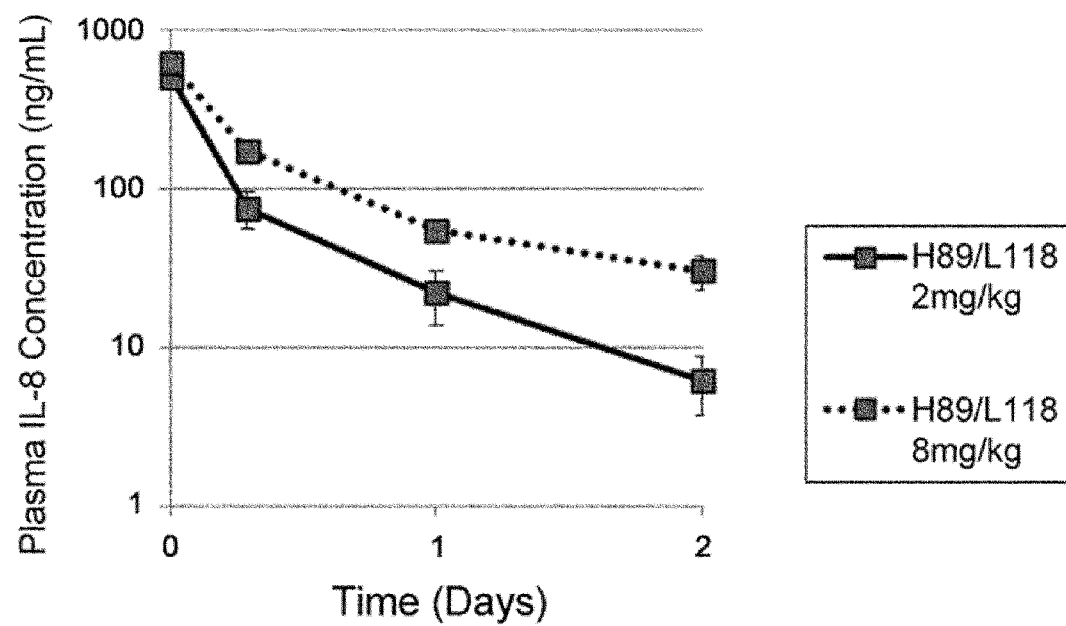
[Fig. 21]



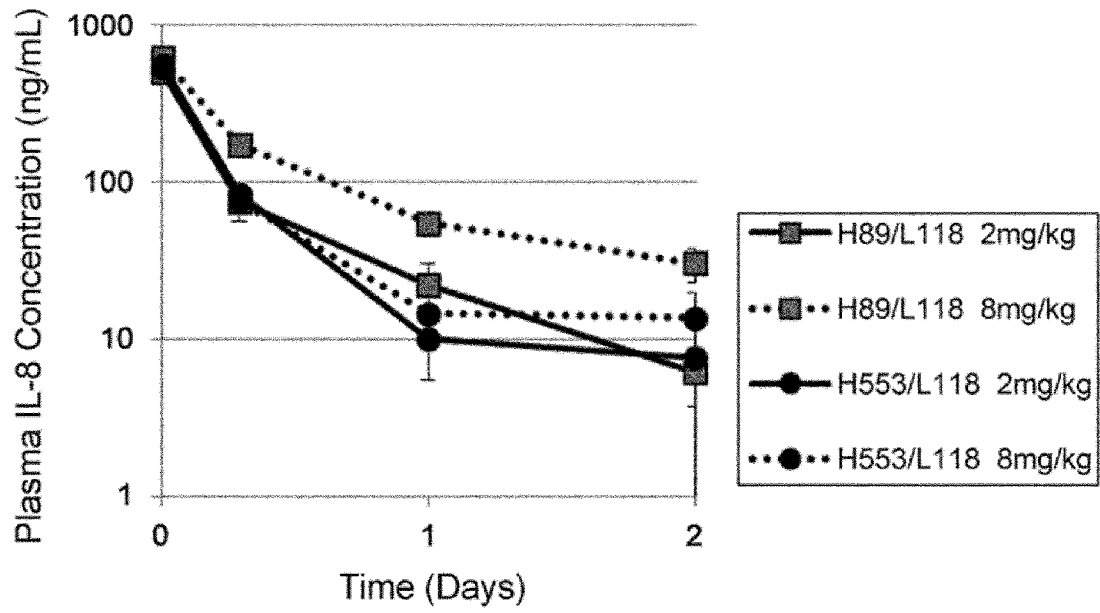
[Fig. 22]



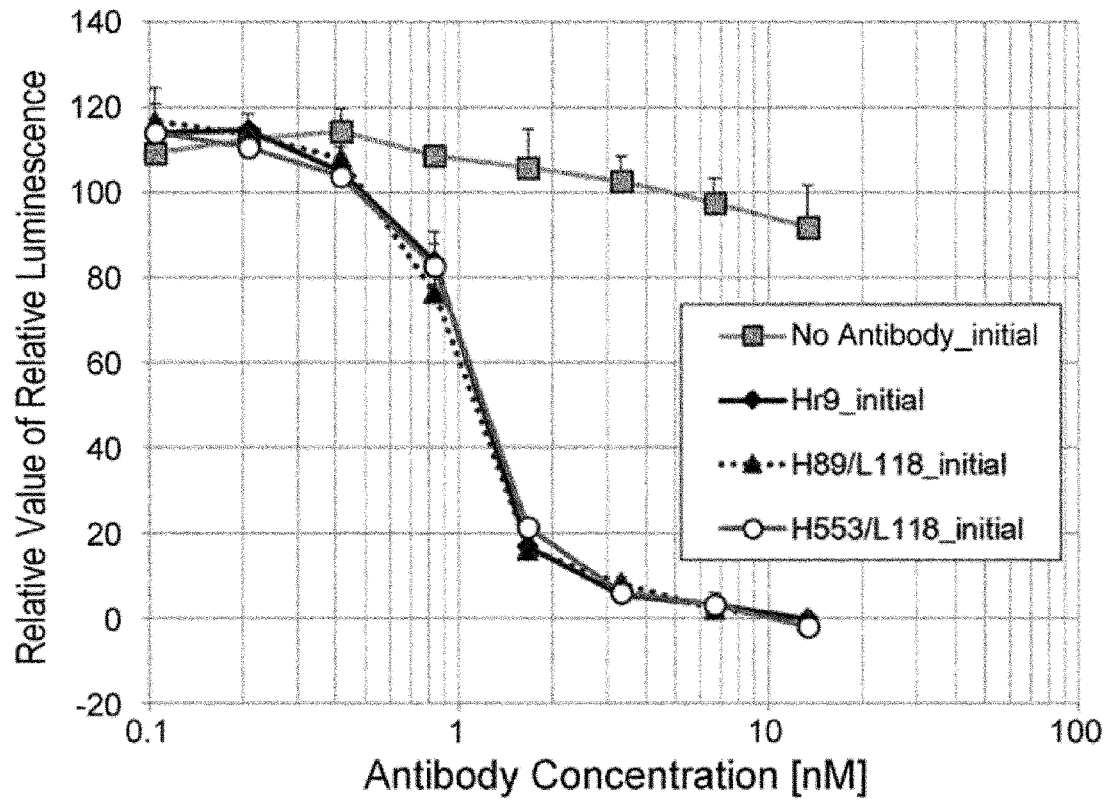
[Fig. 23]



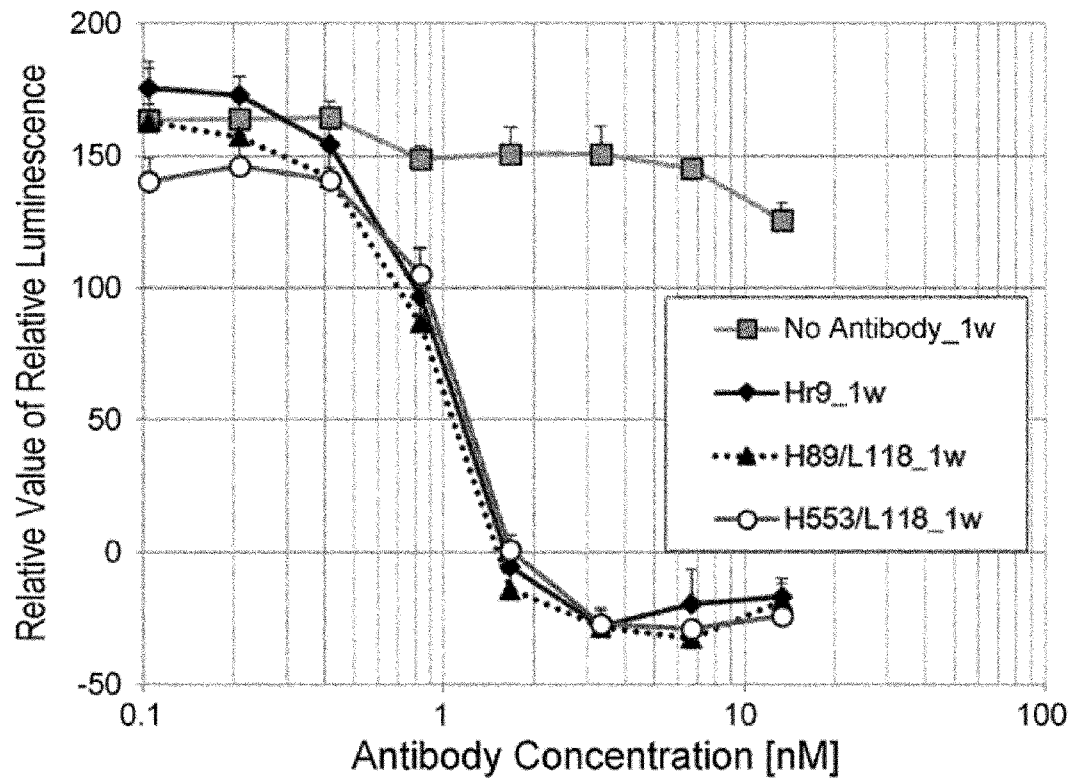
[Fig. 24]



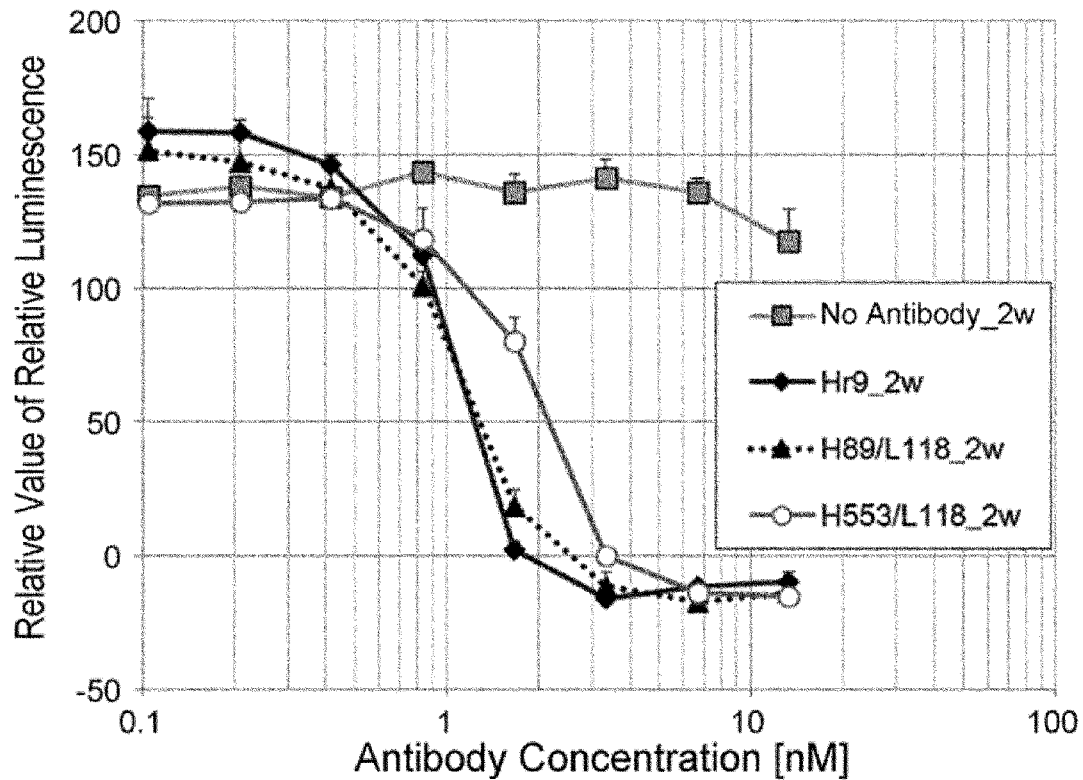
[Fig. 25A]



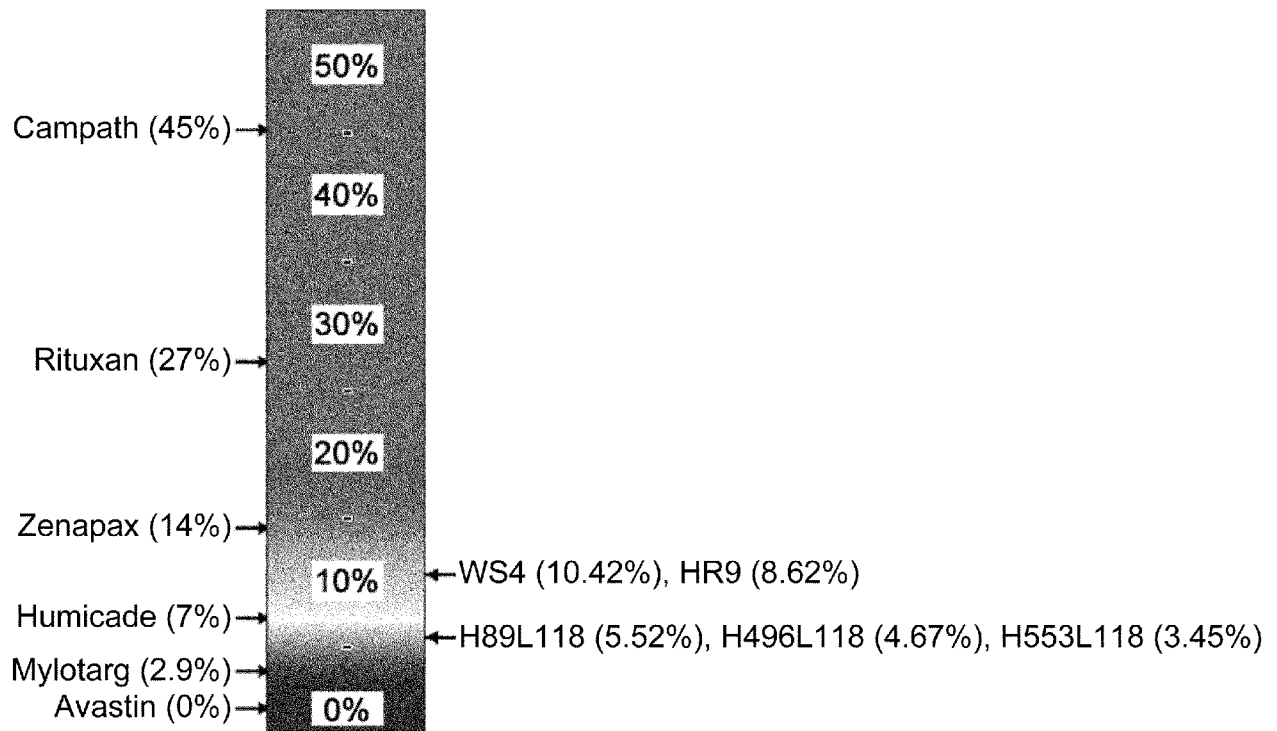
[Fig. 25B]



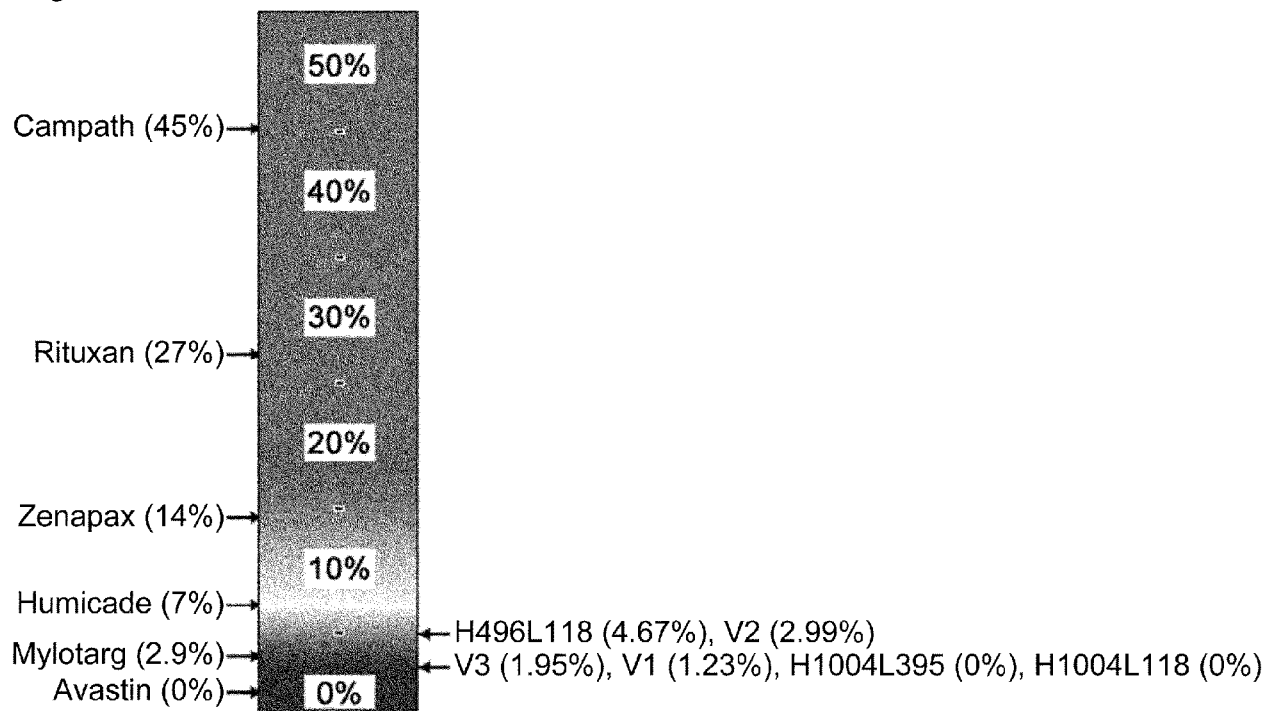
[Fig. 25C]



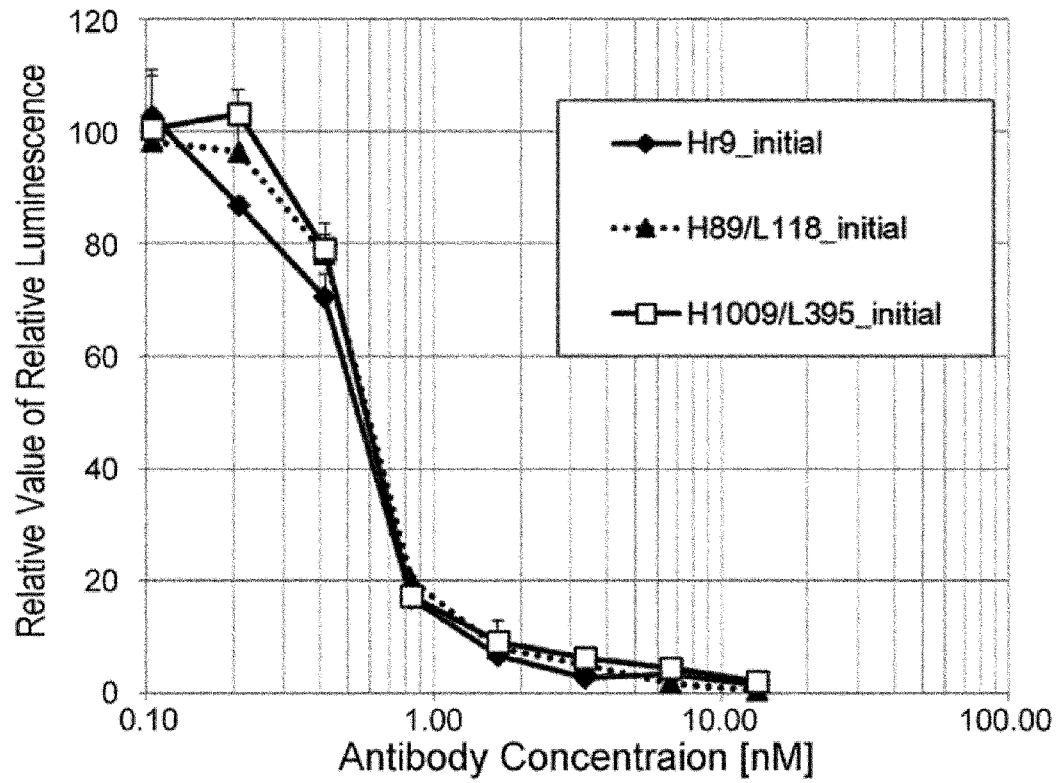
[Fig. 26]



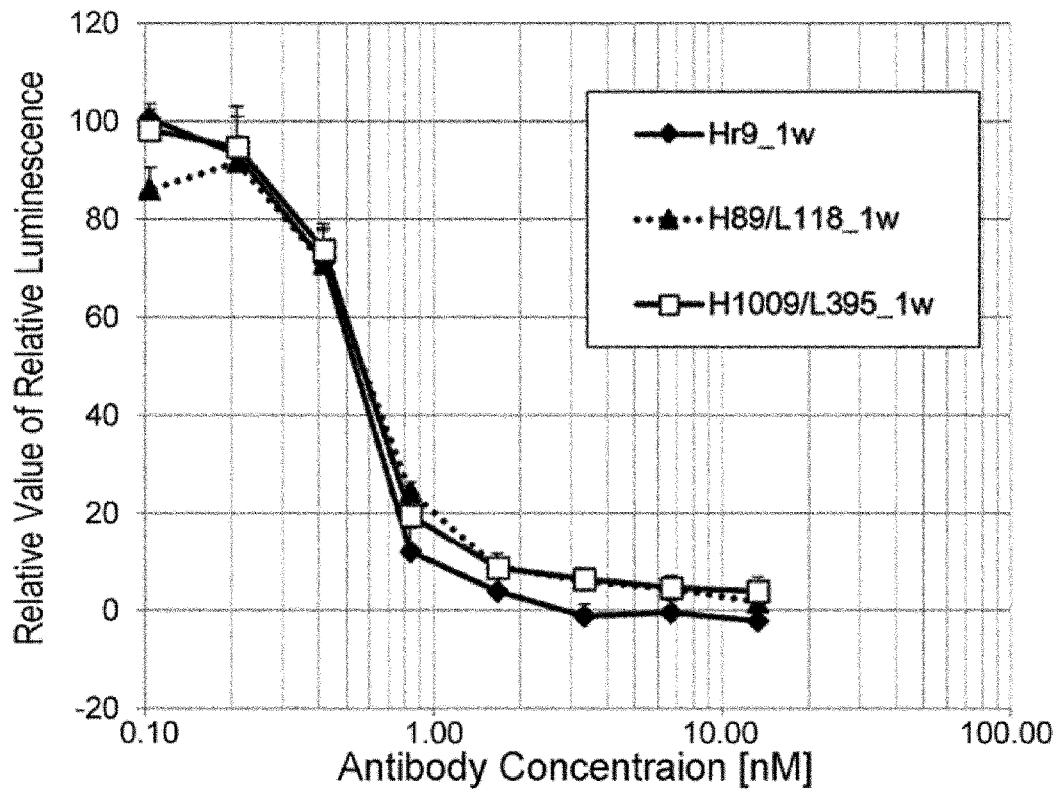
[Fig. 27]



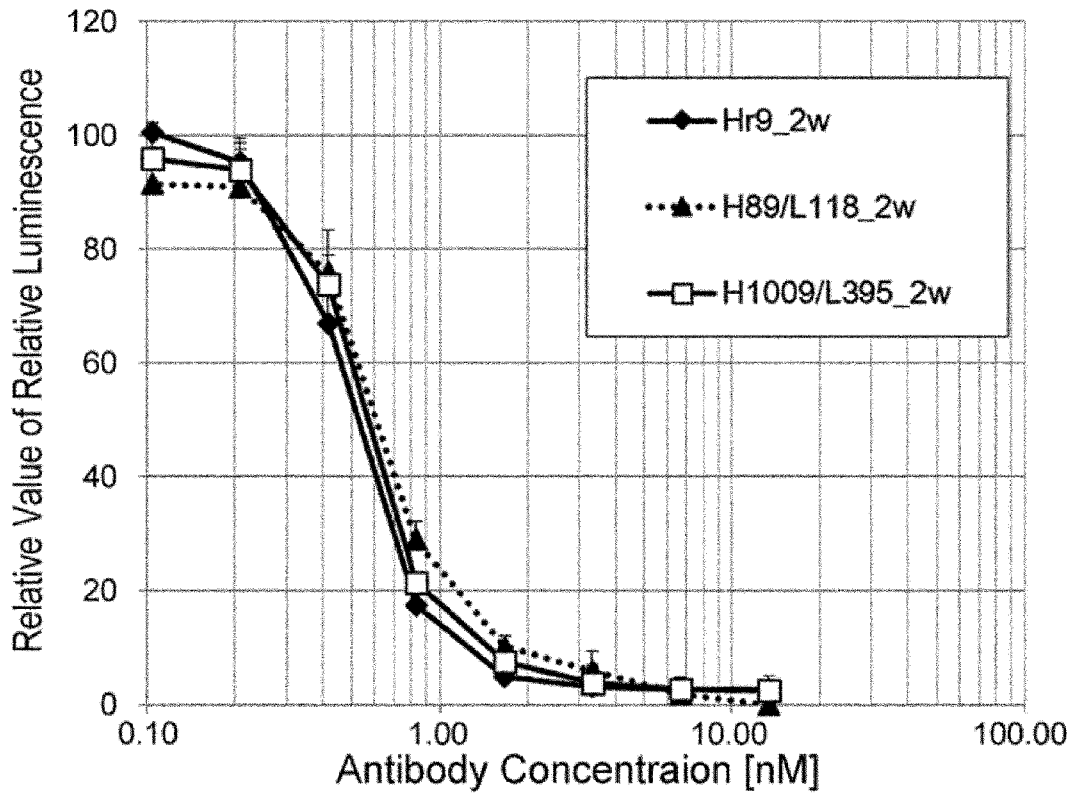
[Fig. 28A]



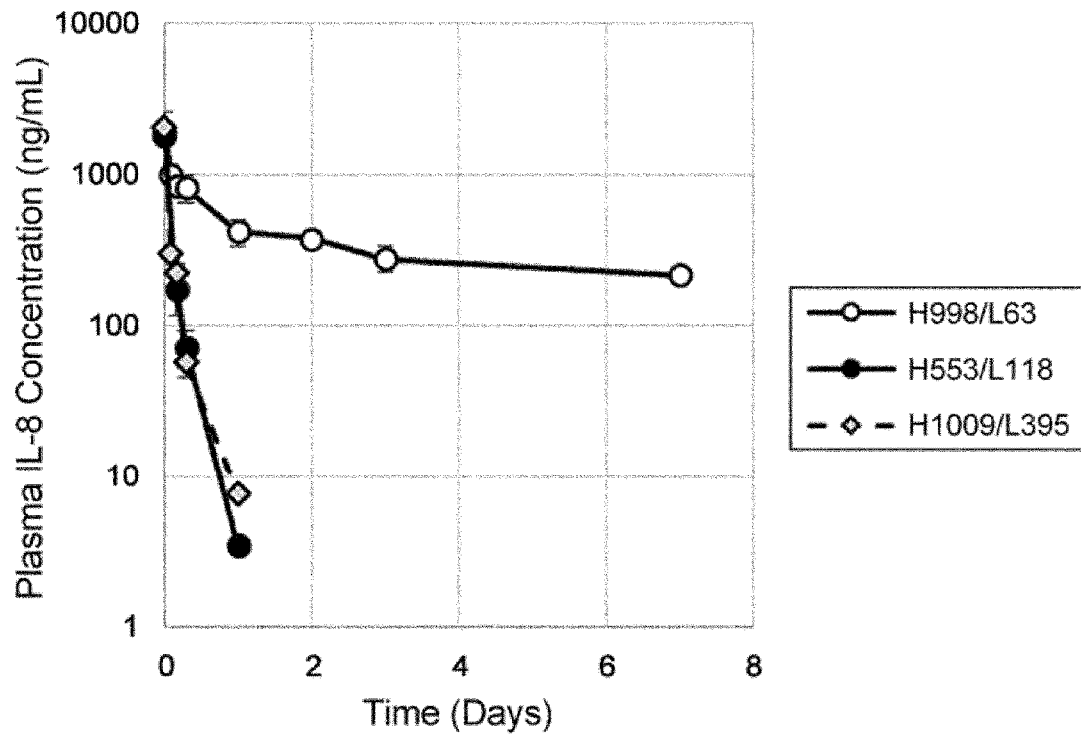
[Fig. 28B]



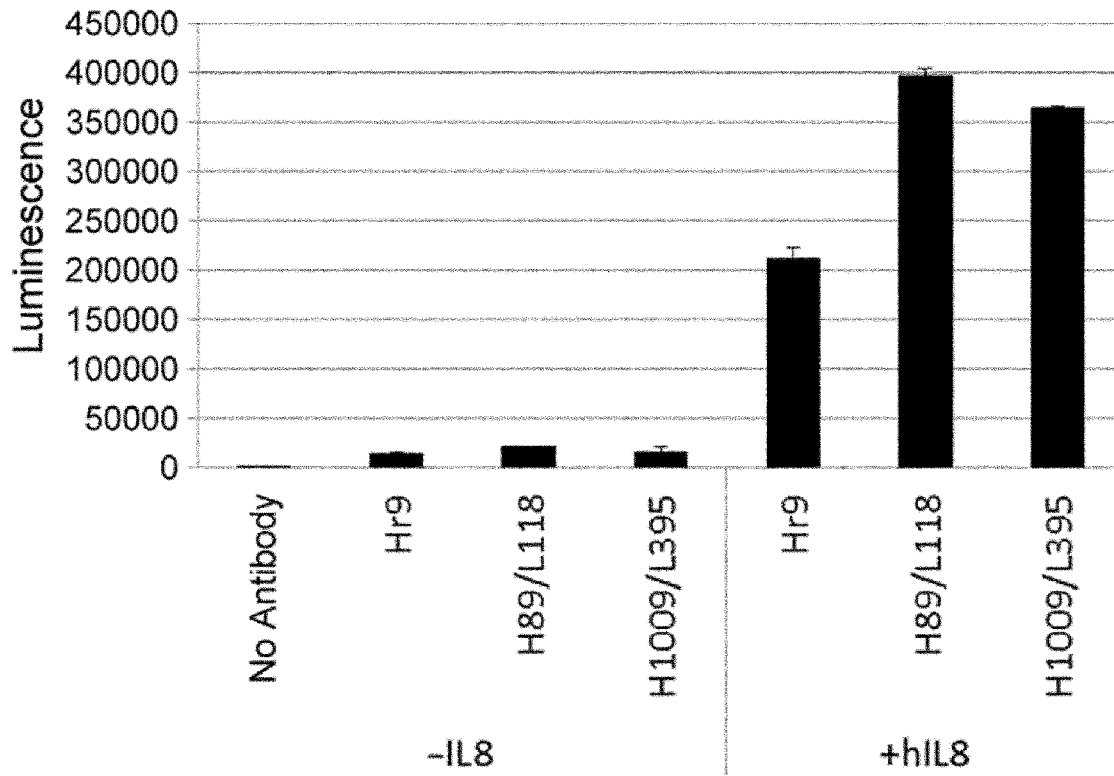
[Fig. 28C]



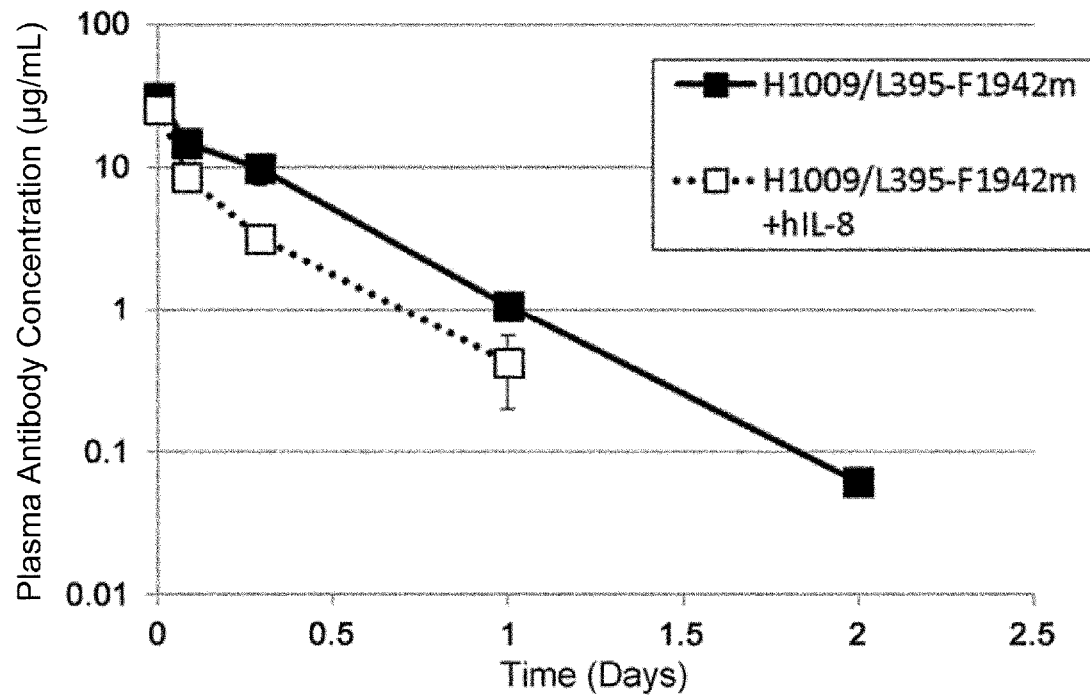
[Fig. 29]



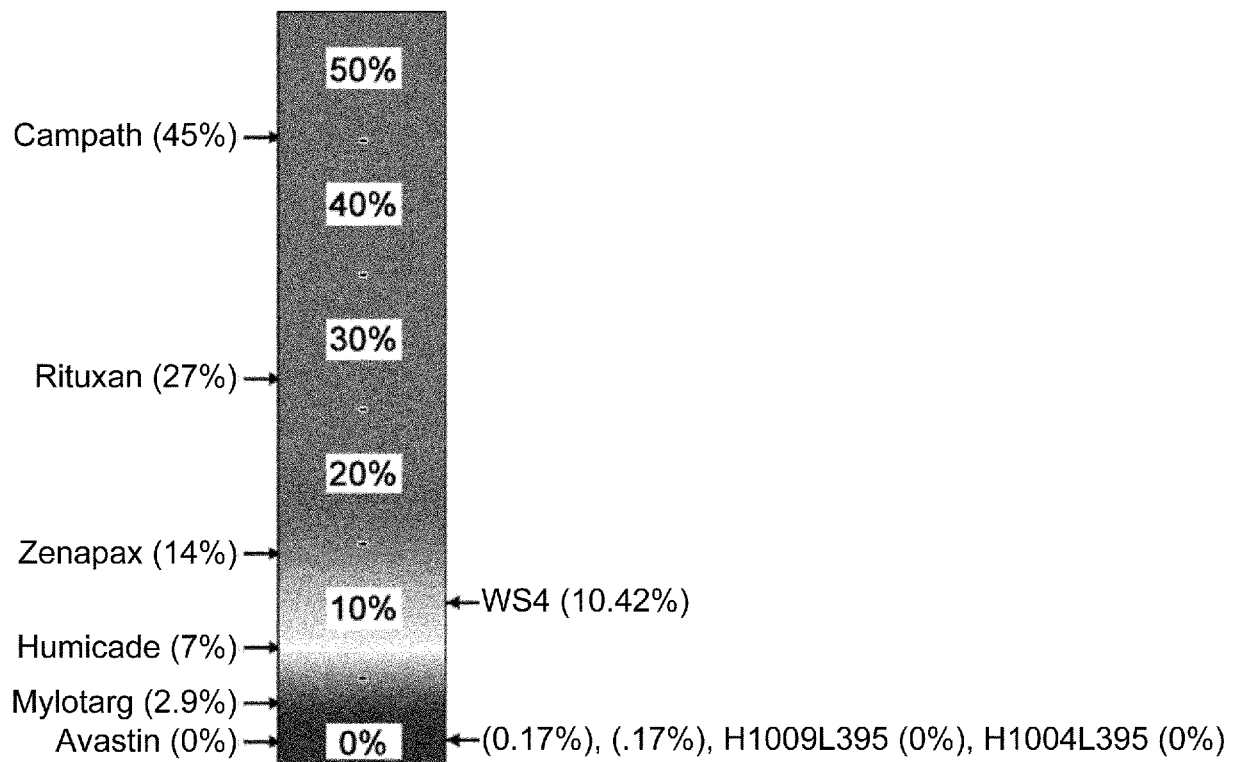
[Fig. 30]



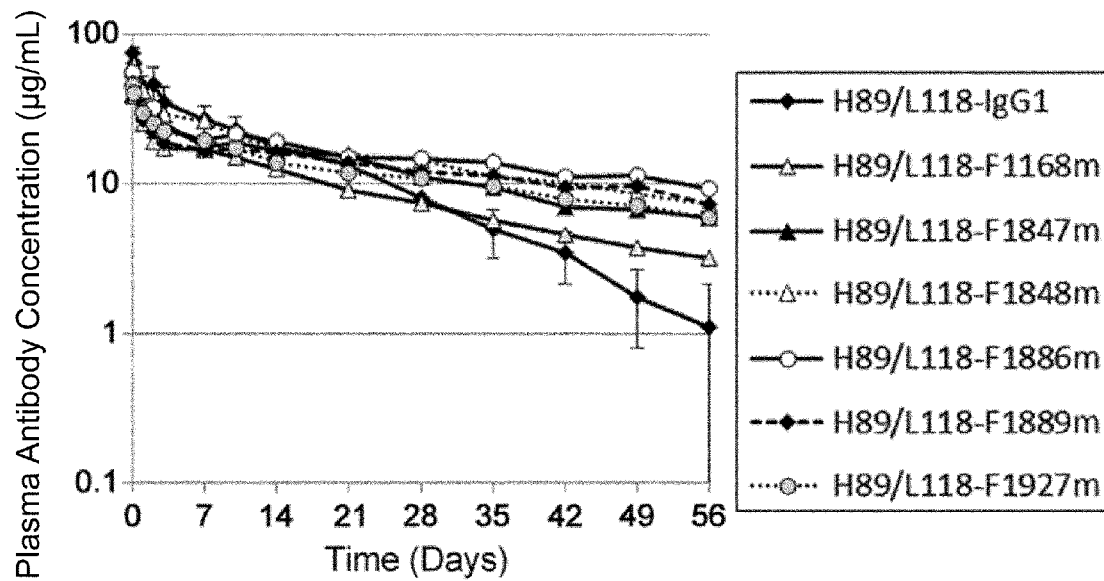
[Fig. 31]



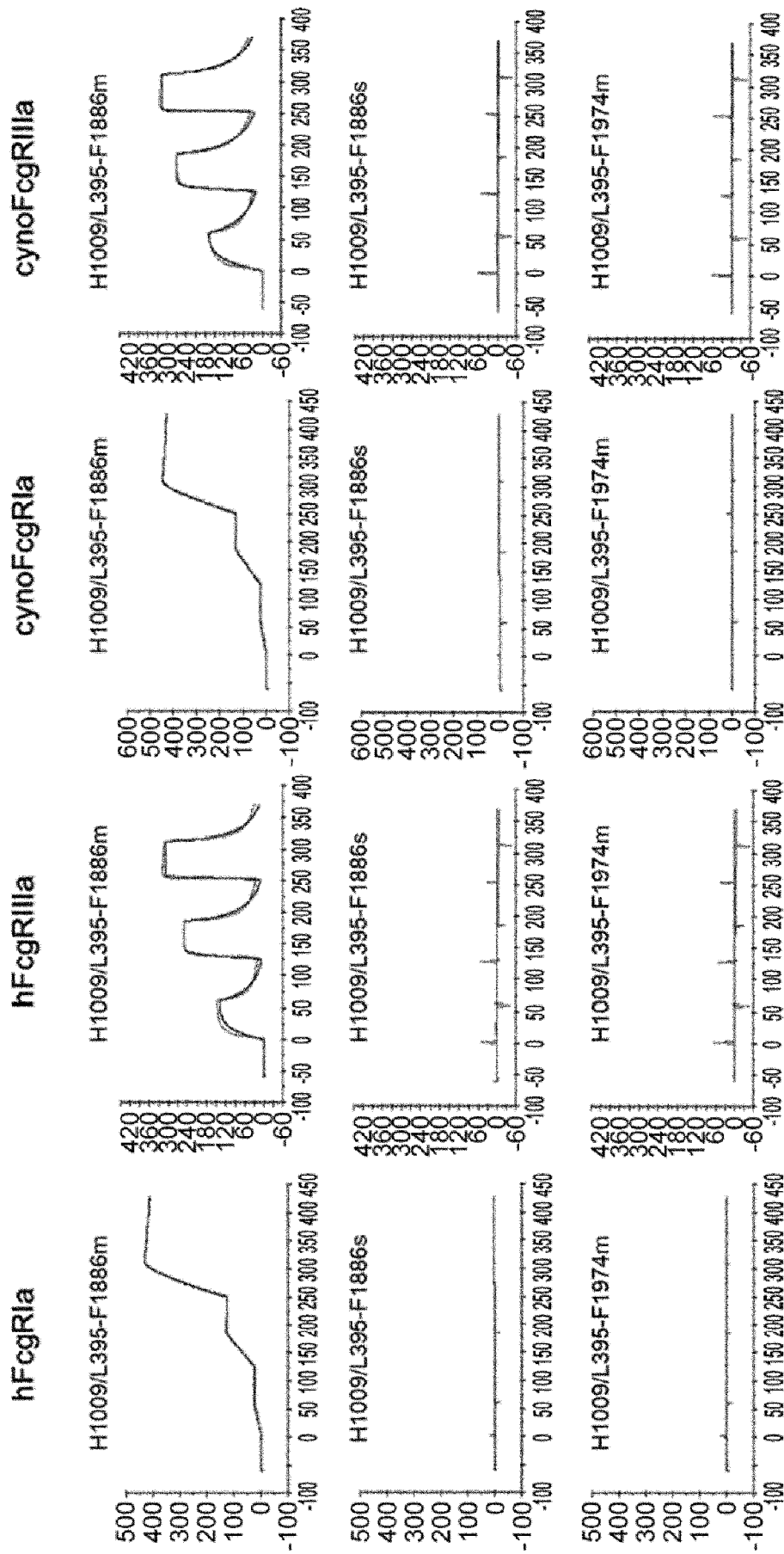
[Fig. 32]



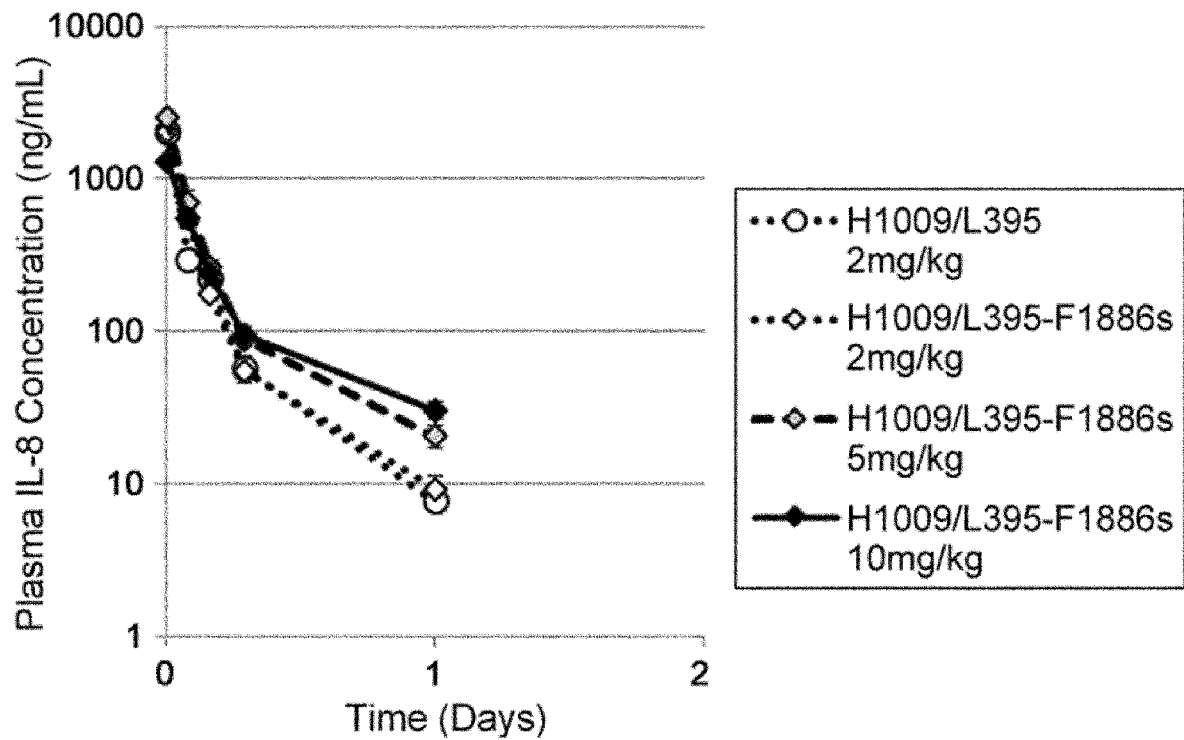
[Fig. 33]



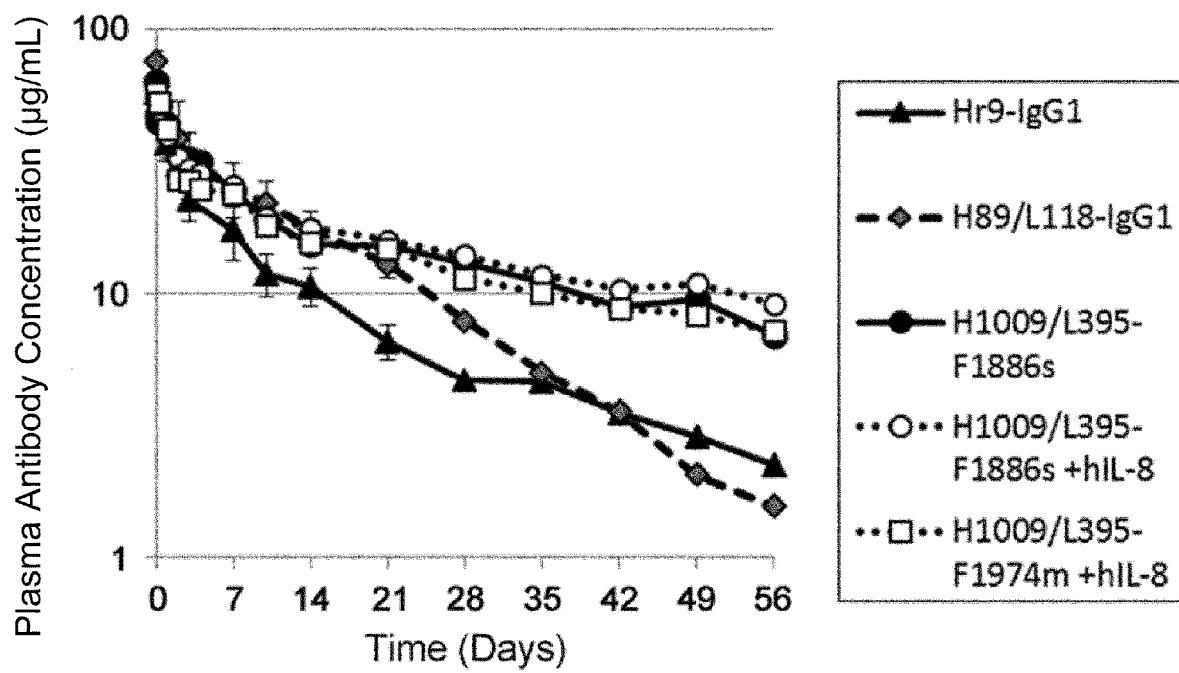
[Fig. 34]



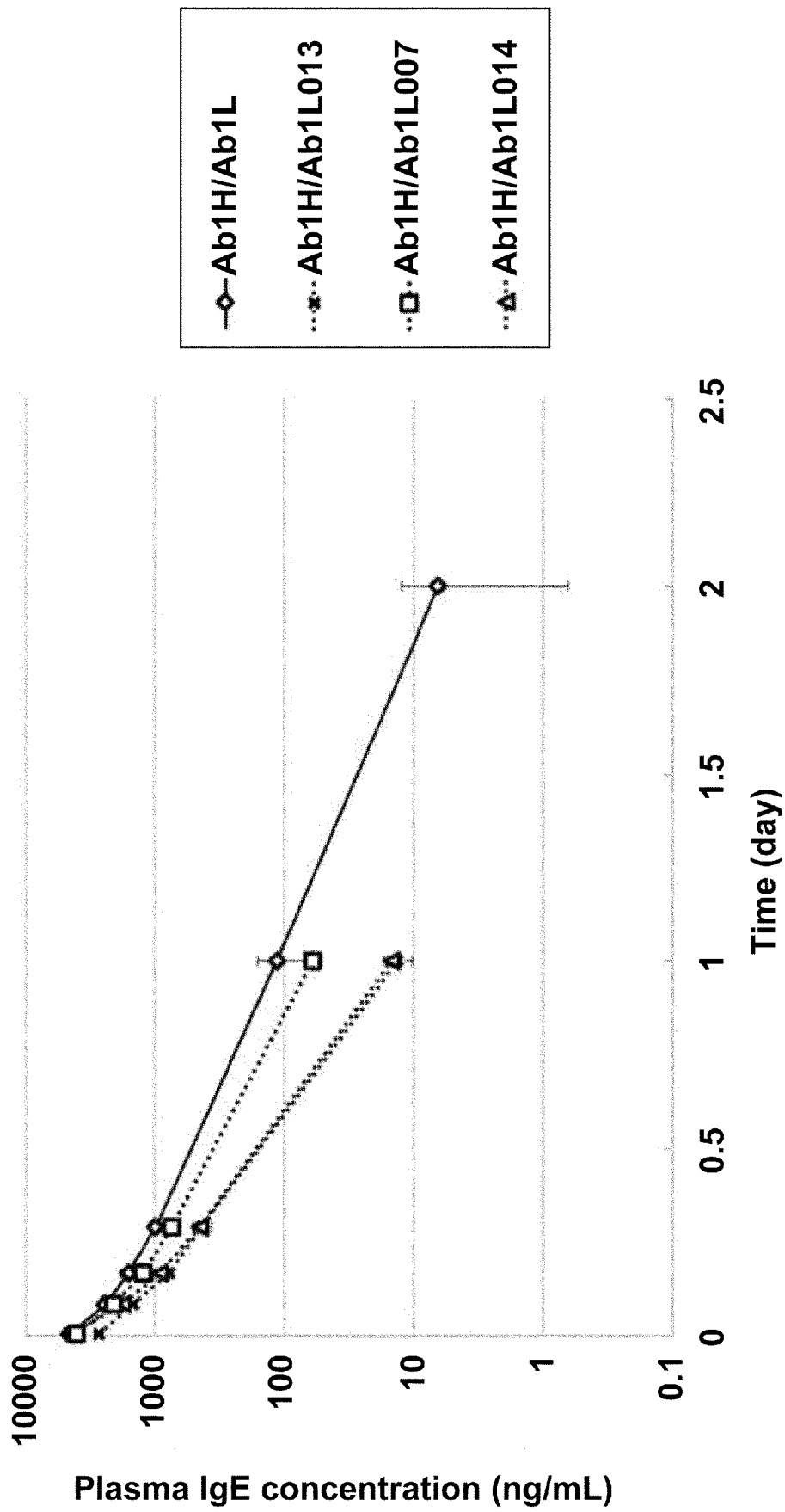
[Fig. 35]



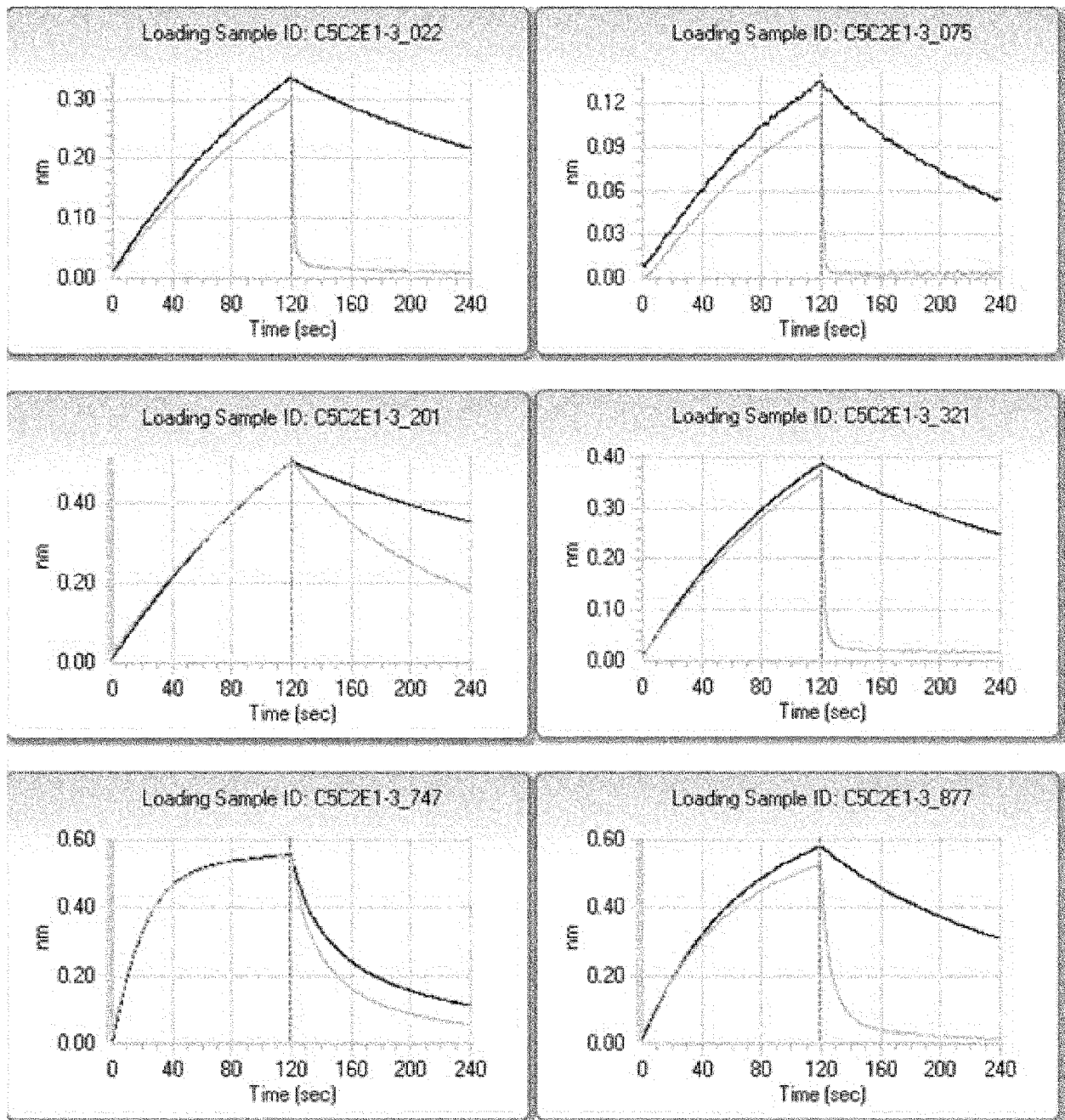
[Fig. 36]



[Fig. 37]

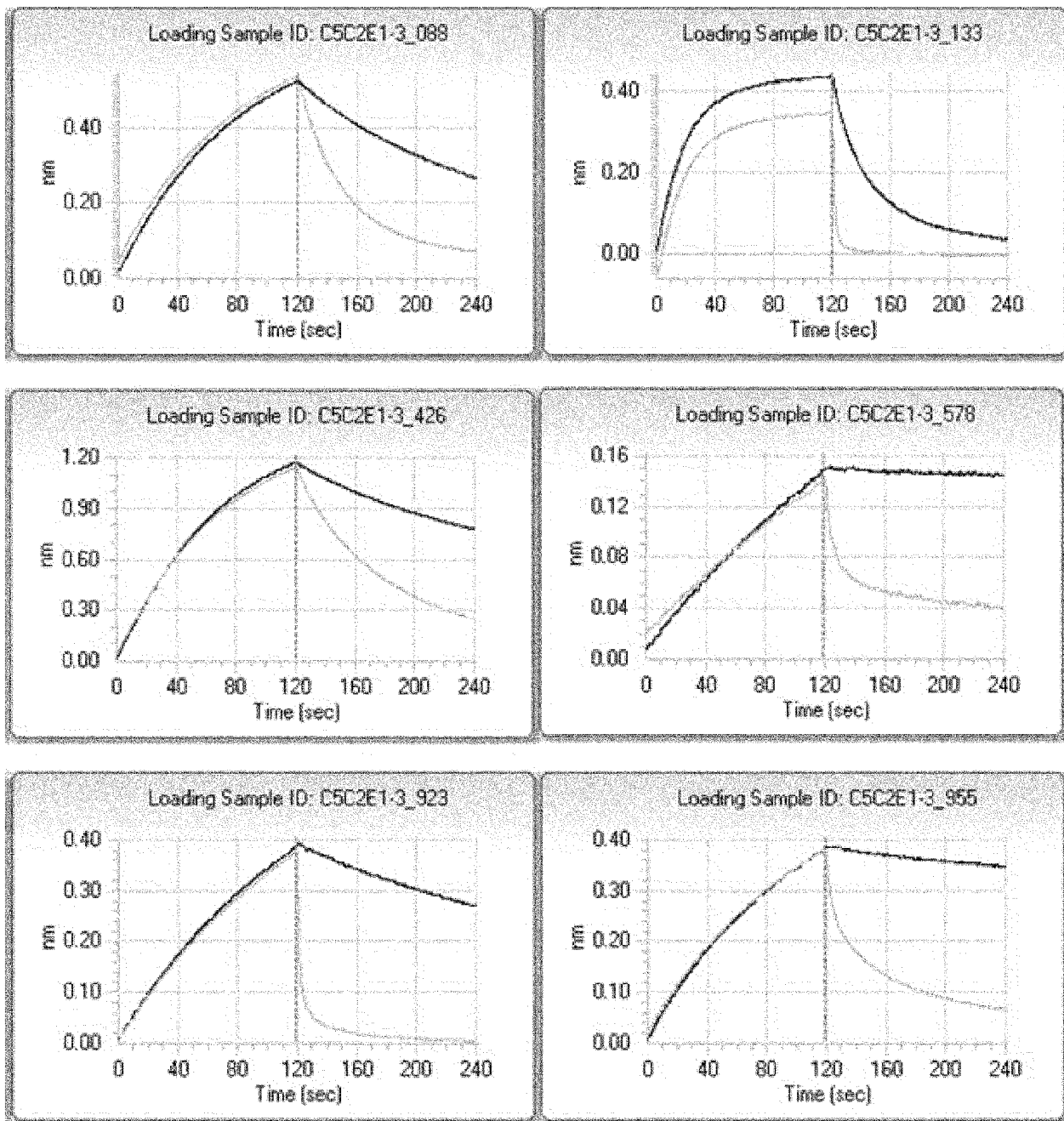


[Fig. 38A]



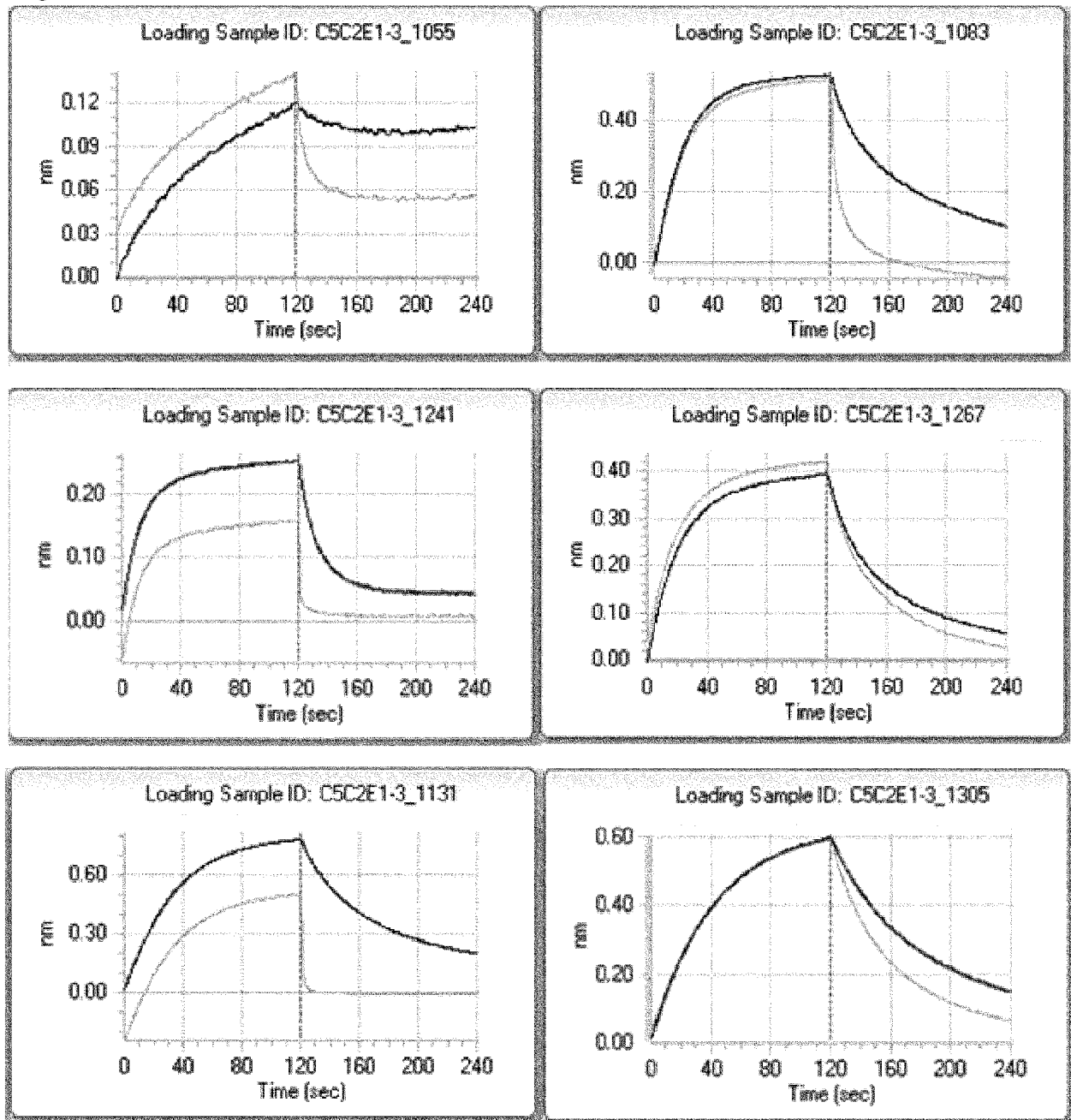
— association: 1.2mM CaCl_2 -pH7.4, dissociation: 1.2mM CaCl_2 -pH7.4
 - - - association: 1.2mM CaCl_2 -pH7.4, dissociation: 3 μM CaCl_2 -pH5.8

[Fig. 38B]



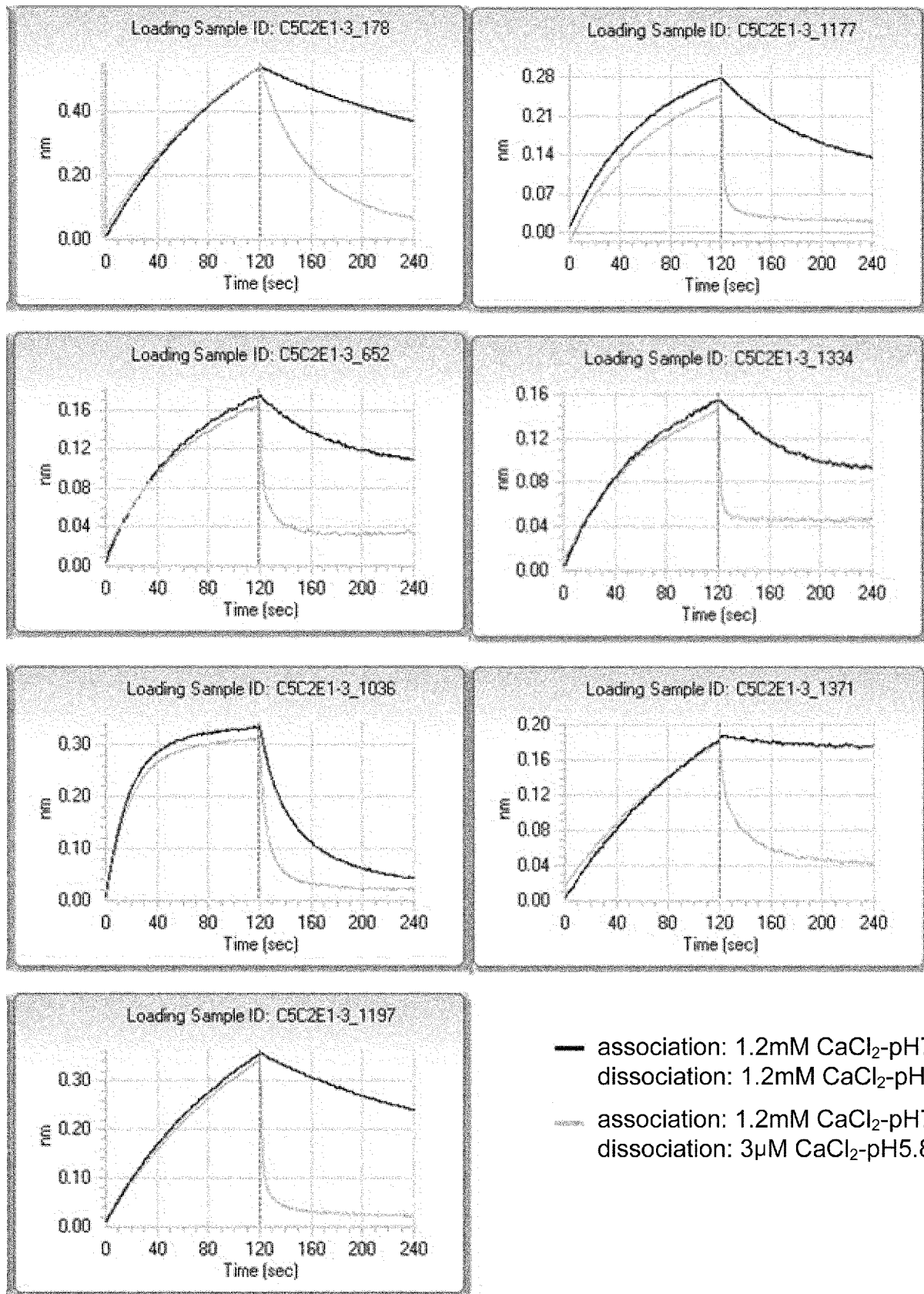
— association: 1.2mM CaCl_2 -pH7.4, dissociation: 1.2mM CaCl_2 -pH7.4
 - - - association: 1.2mM CaCl_2 -pH7.4, dissociation: 3 μM CaCl_2 -pH5.8

[Fig. 38C]



— association: 1.2mM CaCl_2 -pH7.4, dissociation: 1.2mM CaCl_2 -pH7.4
 - - - association: 1.2mM CaCl_2 -pH7.4, dissociation: 3 μM CaCl_2 -pH5.8

[Fig. 38D]



Time (day)	original Ab2 (µg/mL)	20L233-005 (µg/mL)	20L233-006 (µg/mL)	20L233-009 (µg/mL)
0	2.0	1.5	1.5	1.5
0.25	1.5	0.8	0.8	0.8
0.5	0.8	0.4	0.4	0.4
0.75	0.5	0.2	0.2	0.2
1.0	0.5	0.02	0.03	0.04

Figure 1 is a line graph showing the plasma IgE concentration (ng/mL) on a logarithmic y-axis (0.1 to 10,000) versus time (day) on a linear x-axis (0 to 2.5). The graph displays the decay of plasma IgE concentration over time for various Ab1H variants. The legend includes: Ab1H/Ab1L (solid line with open diamonds), Ab1H-P1466m/Ab1L (dotted line with crosses), Ab1H-P1469m/Ab1L (dotted line with triangles), Ab1H-P1470m/Ab1L (dotted line with squares), Ab1H-P1480m/Ab1L (dotted line with crosses), Ab1H-P1482m/Ab1L (dotted line with circles), Ab1H-P1512m/Ab1L (dotted line with plus signs), and Ab1H-P1653m/Ab1L (dotted line with asterisks). All variants show a rapid initial decline in IgE concentration, with Ab1H-P1466m/Ab1L showing the fastest decay and Ab1H/Ab1L showing the slowest decay.