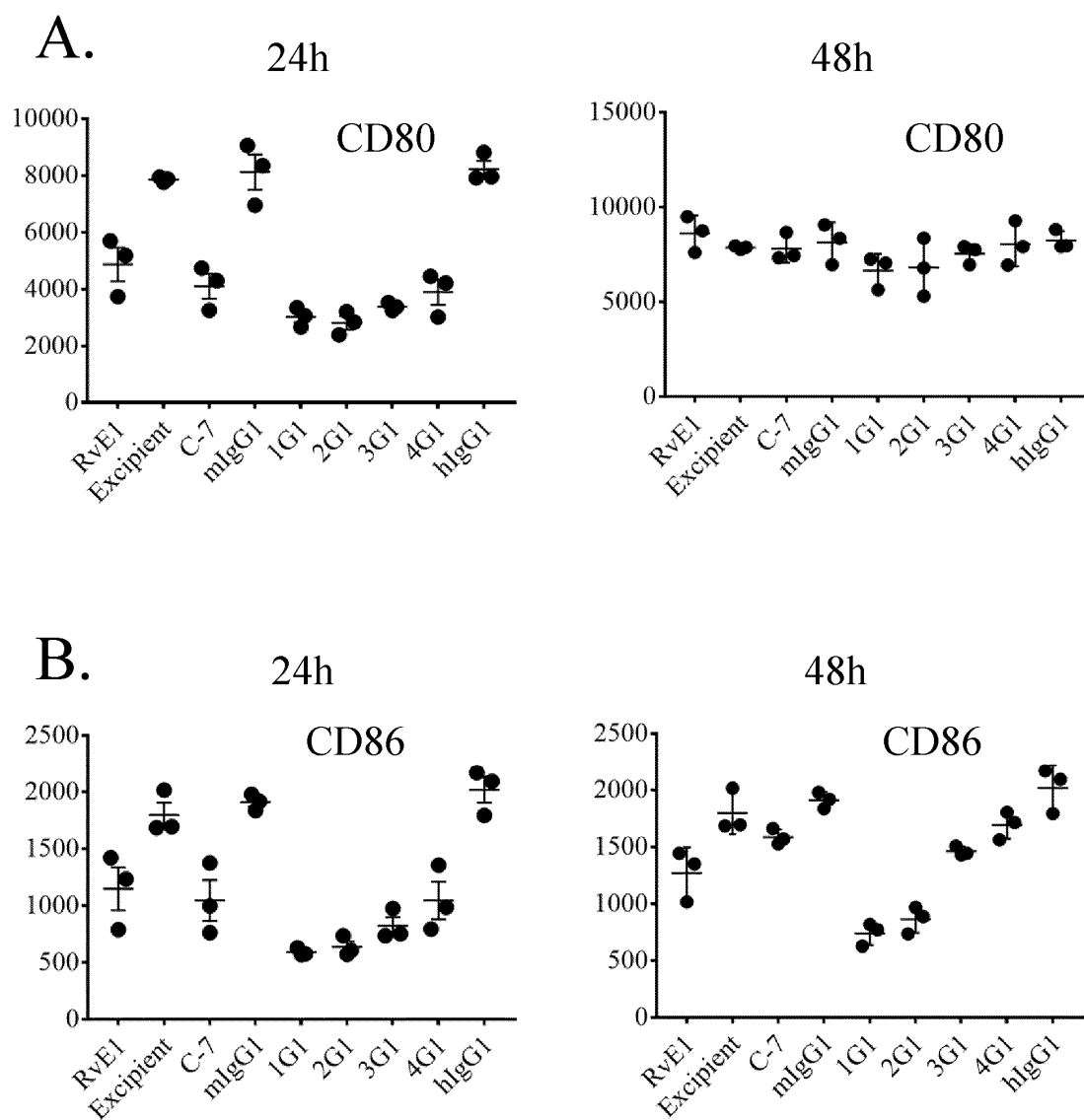
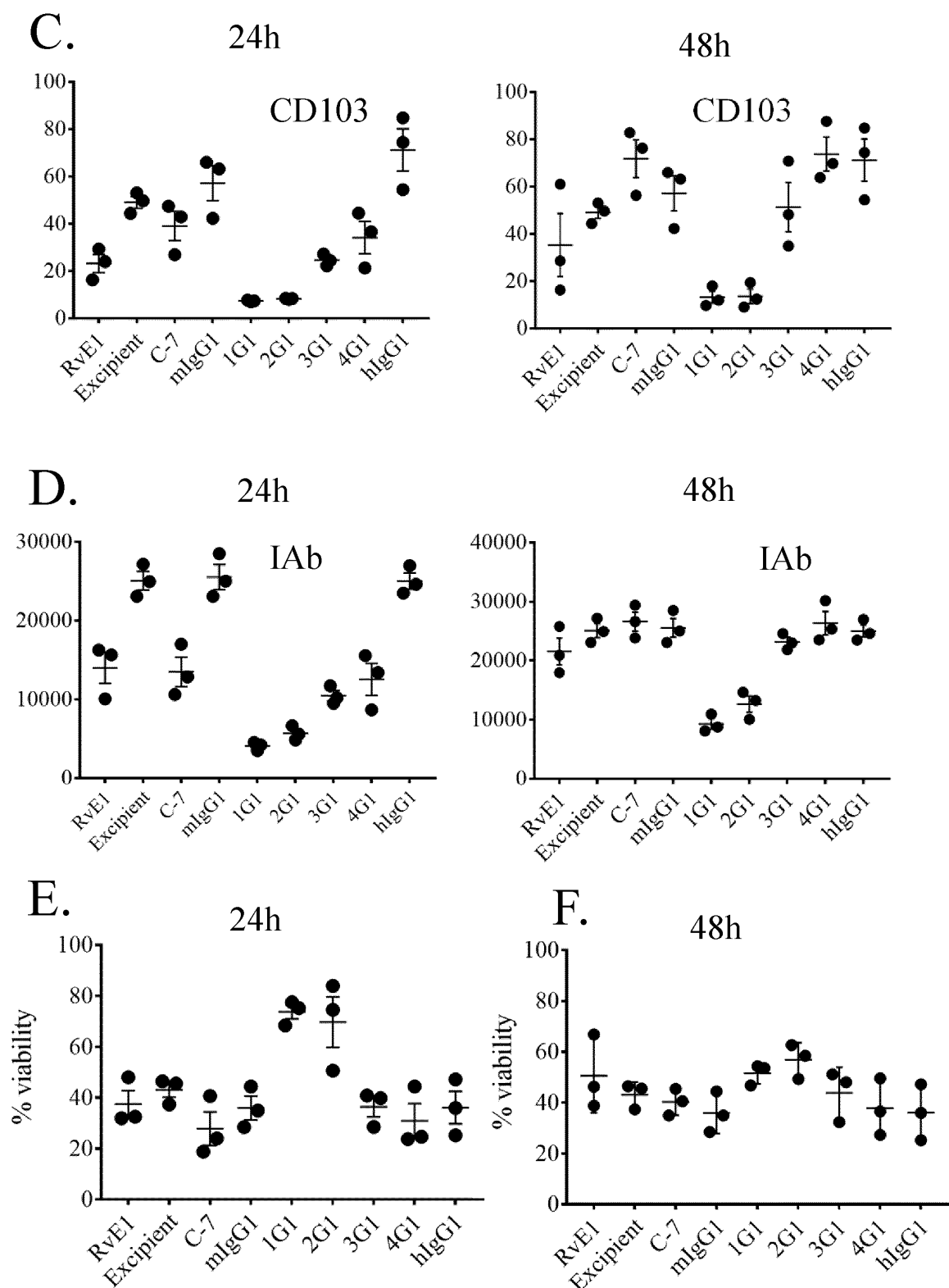
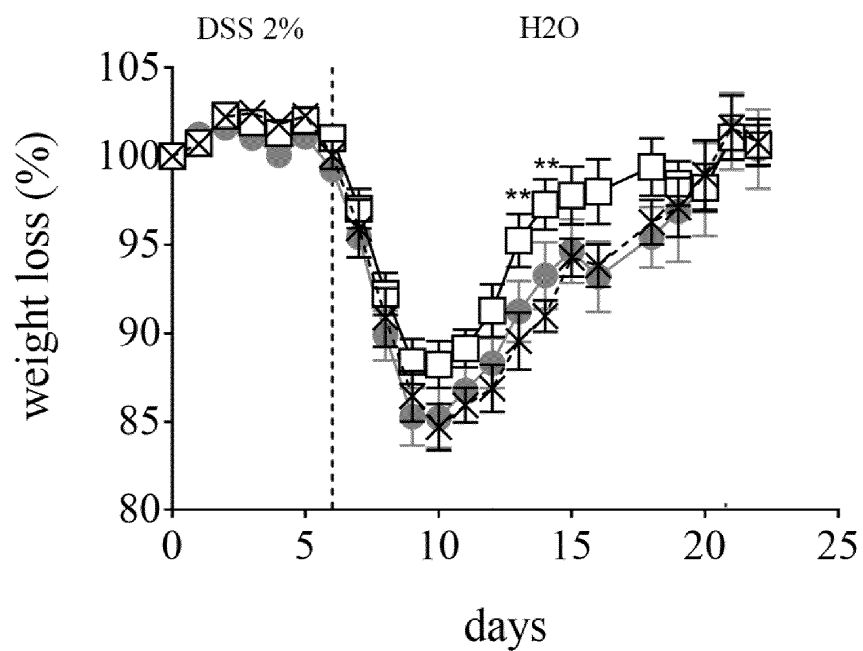


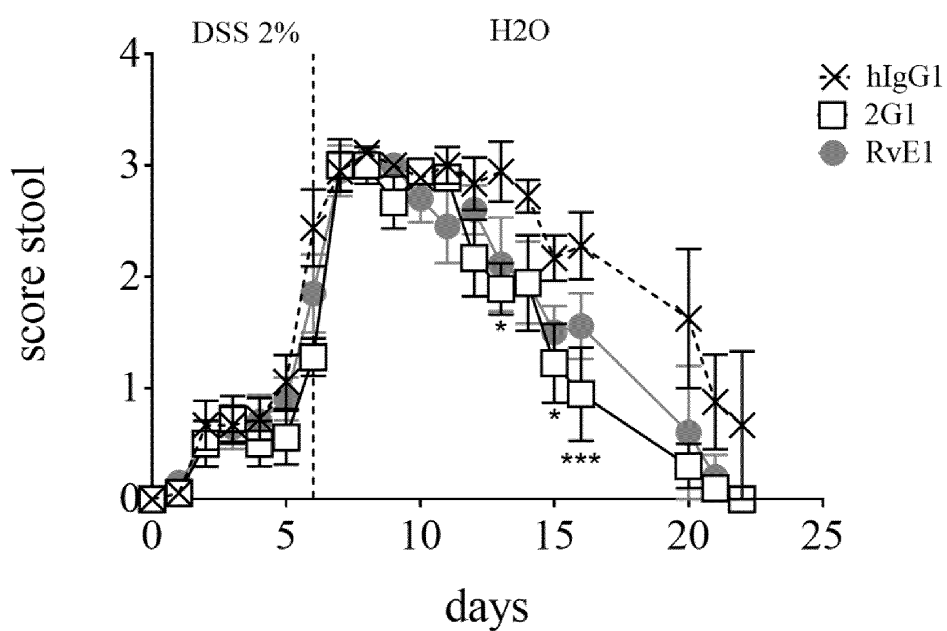
**FIGURE 1**

**FIGURE 1 (CONTINUED)**

A.



B.

**FIGURE 2**

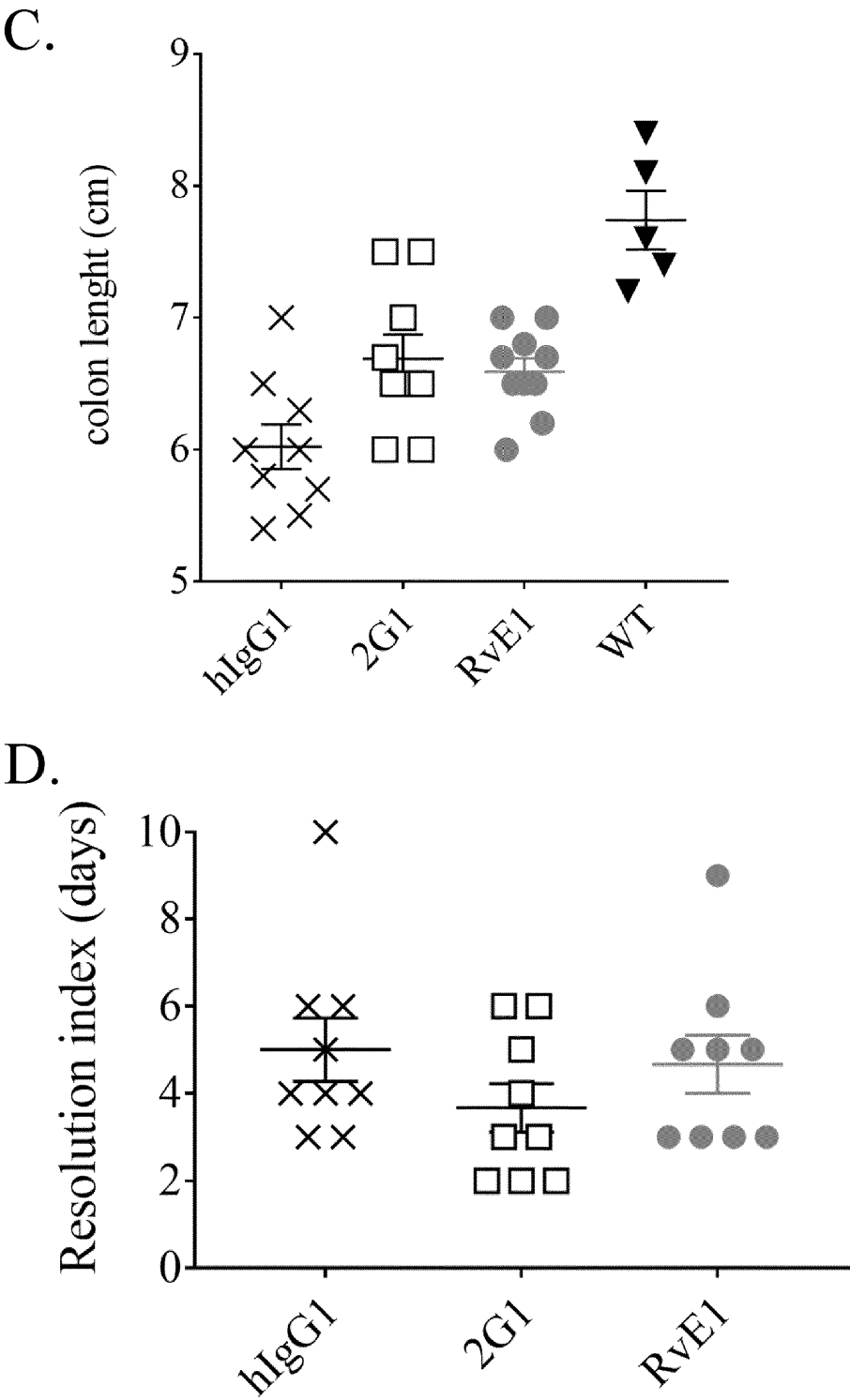


FIGURE 2 (CONTINUED)

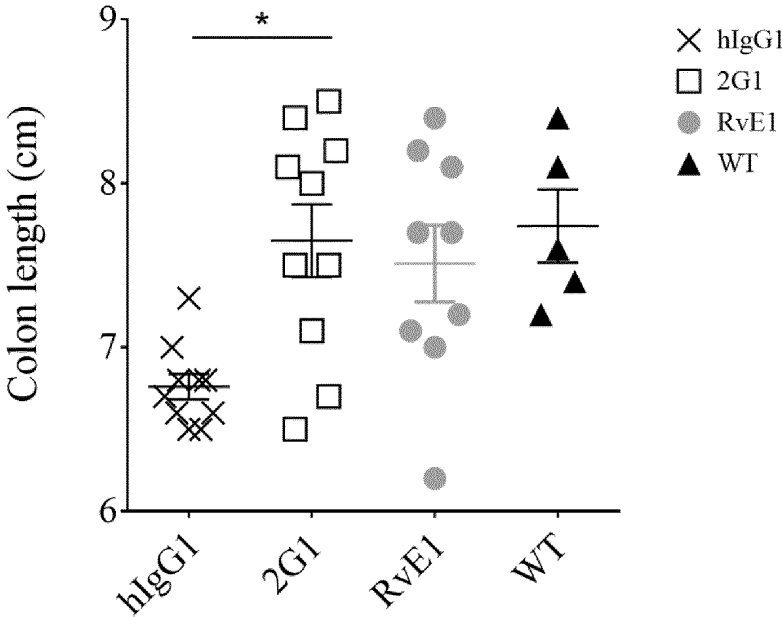


FIGURE 3

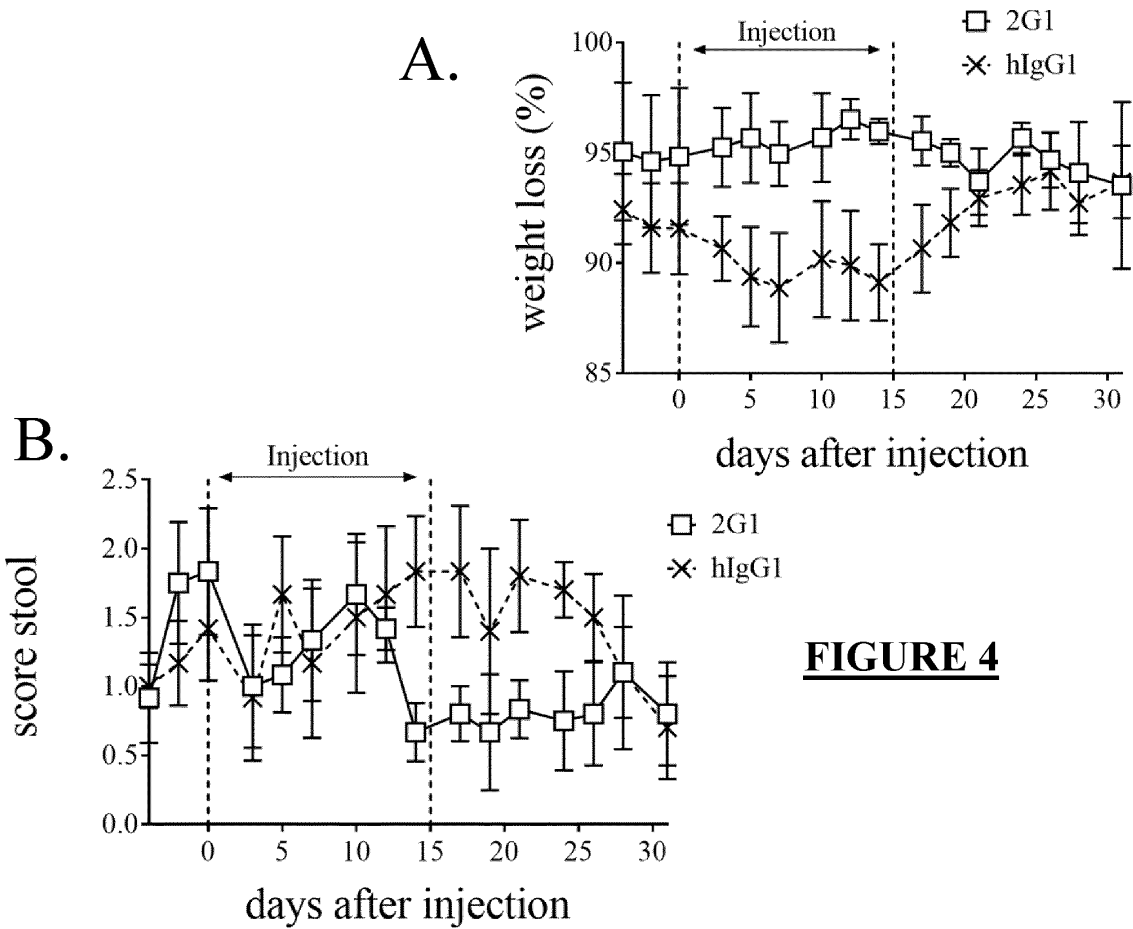
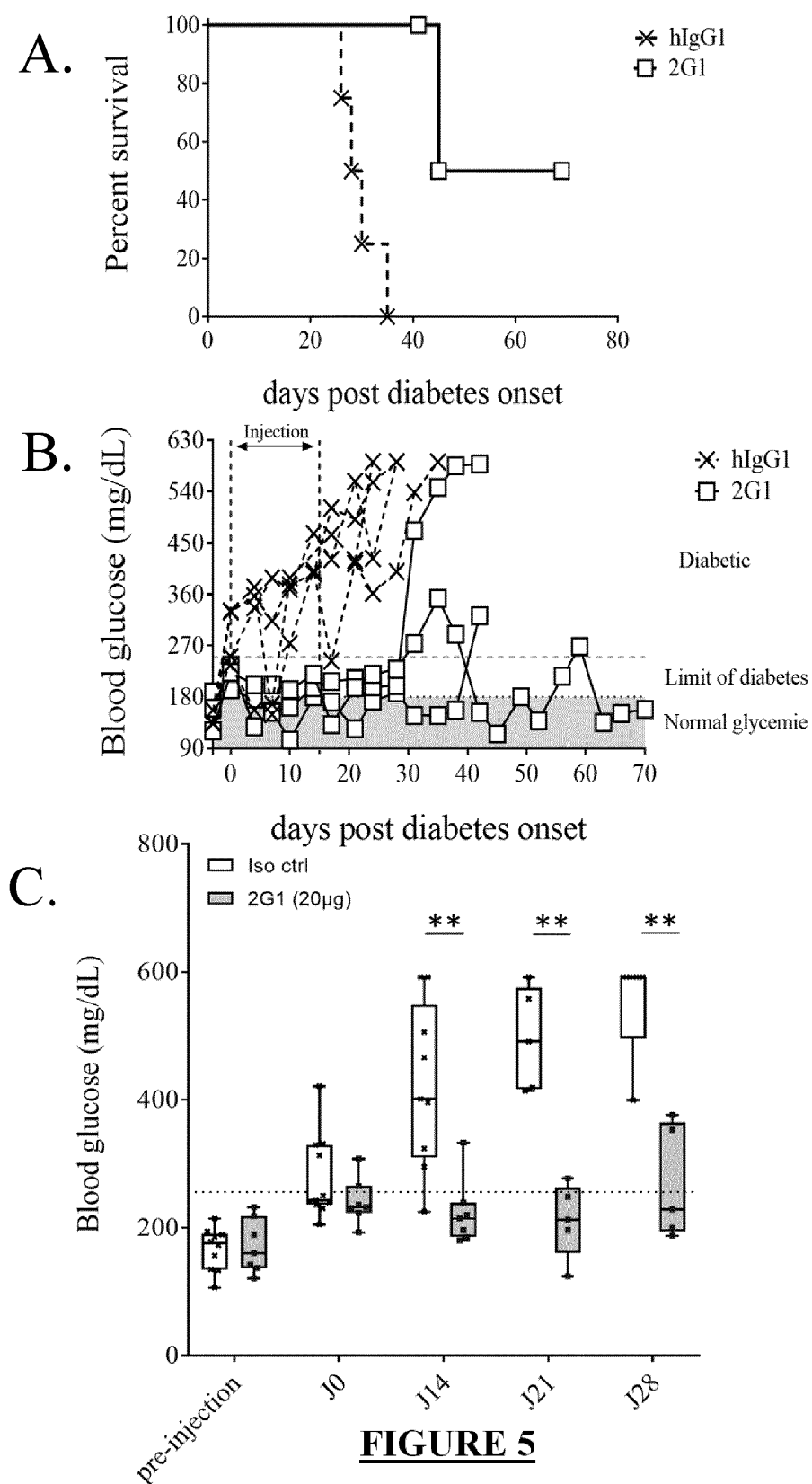
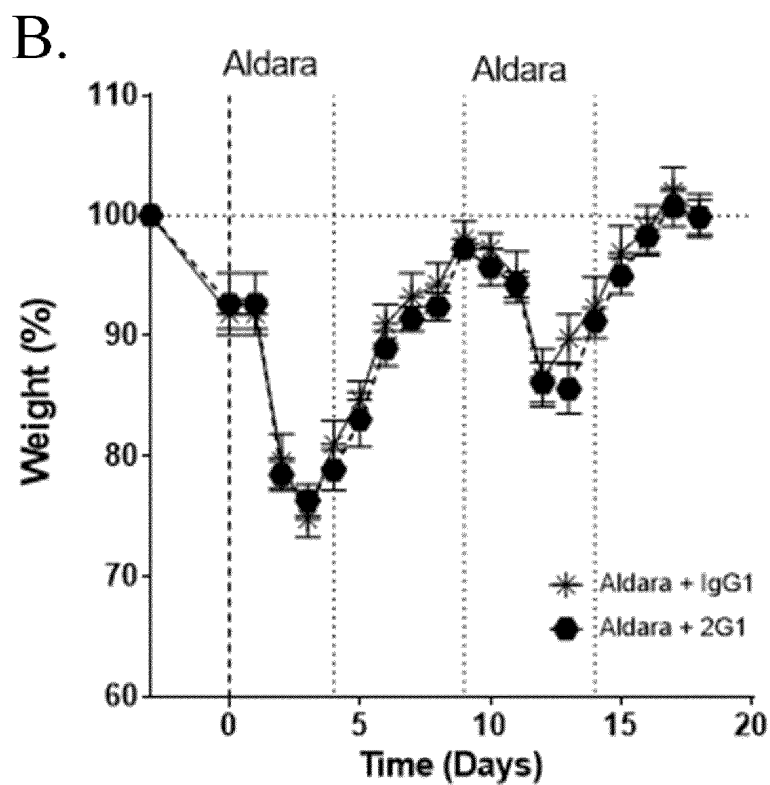
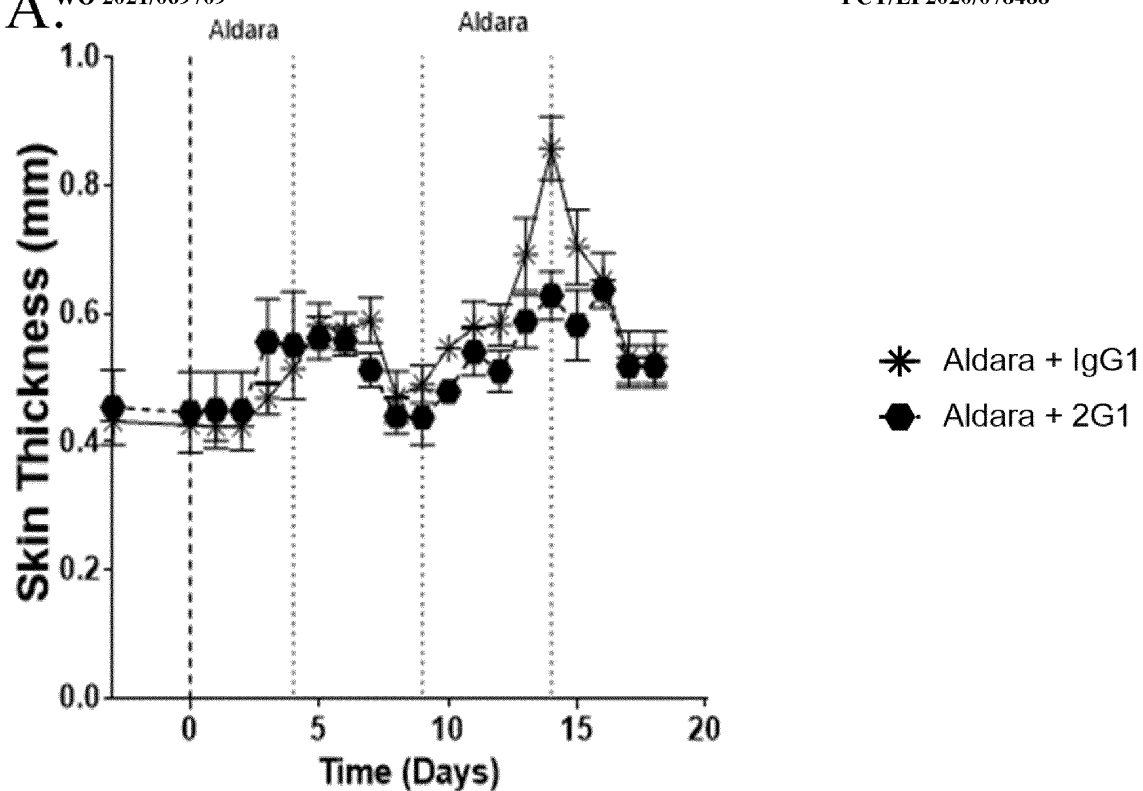
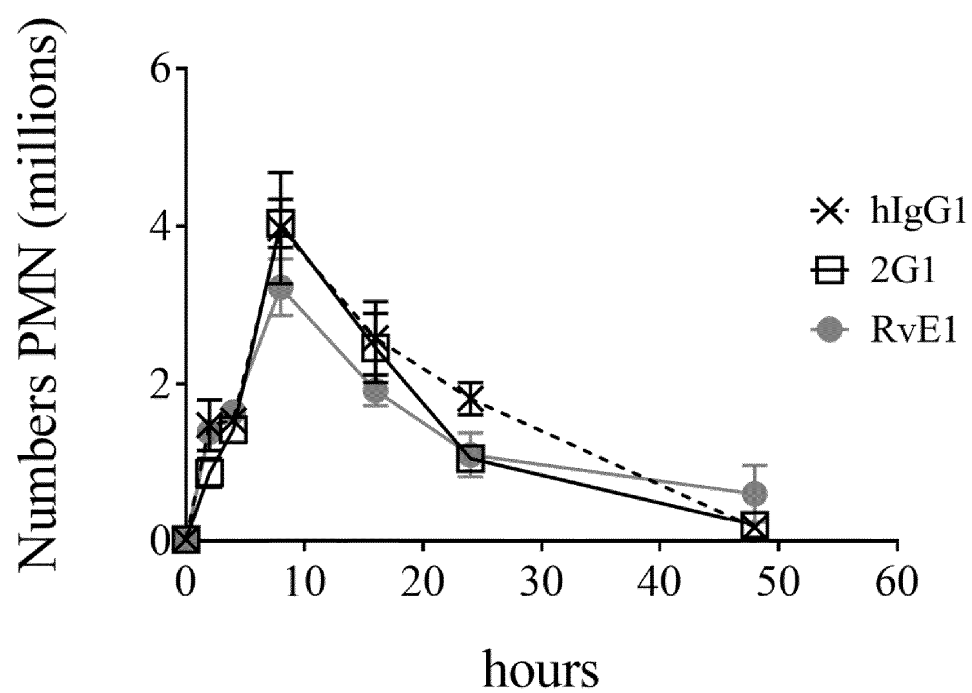


FIGURE 4



**FIGURE 6**

A.

**FIGURE 7**

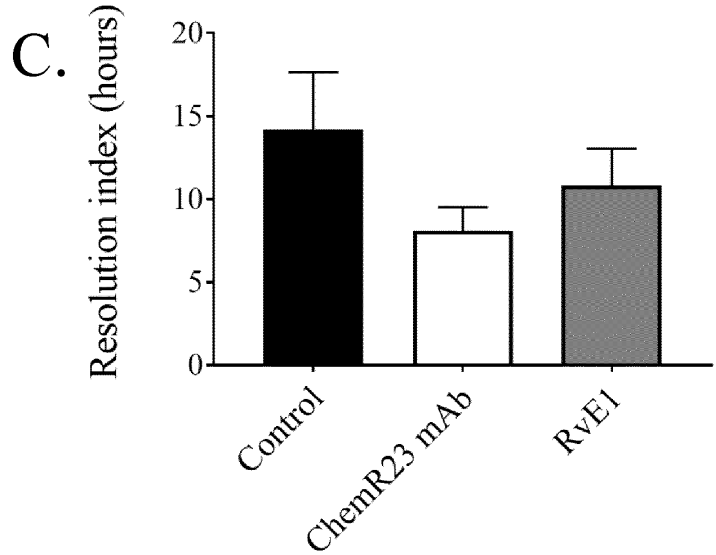
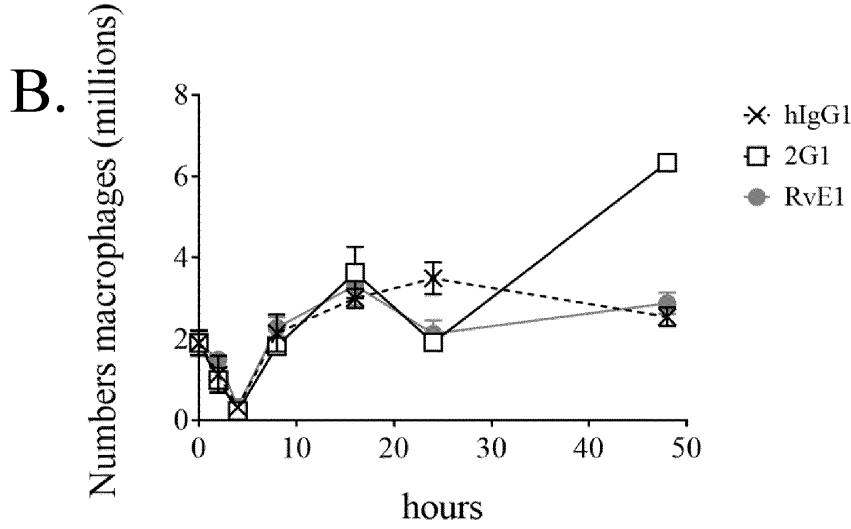
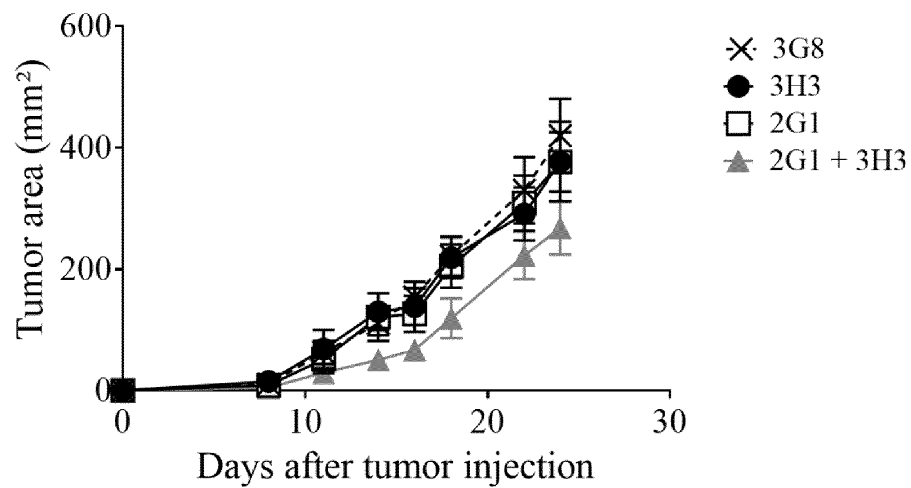
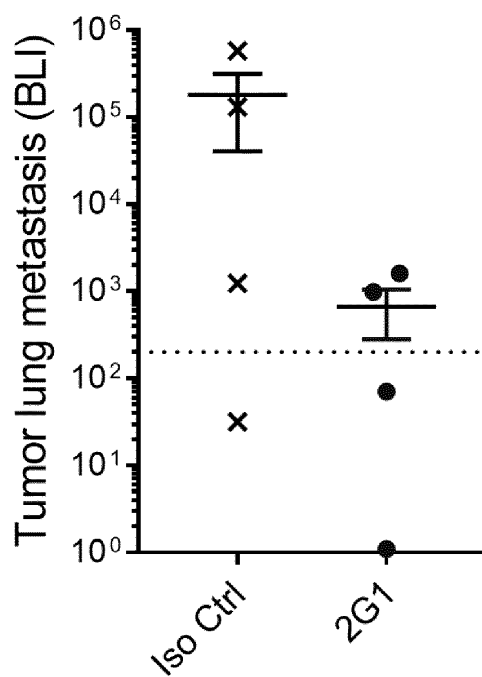


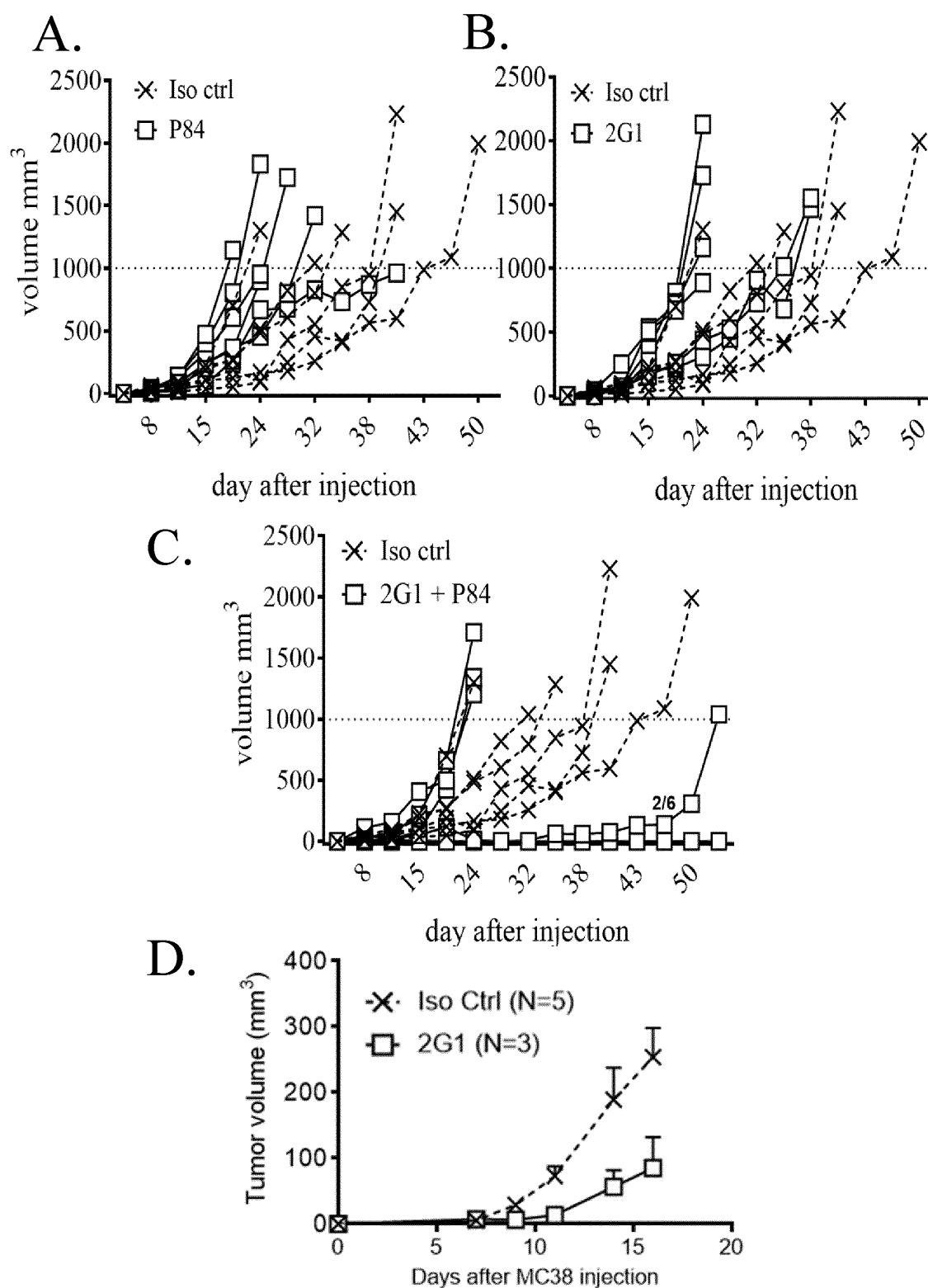
FIGURE 7 (continued)

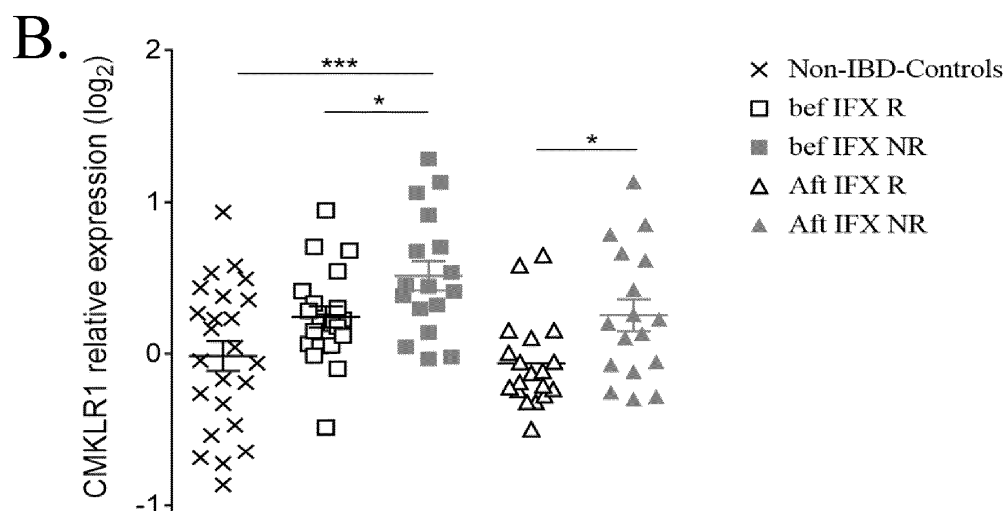
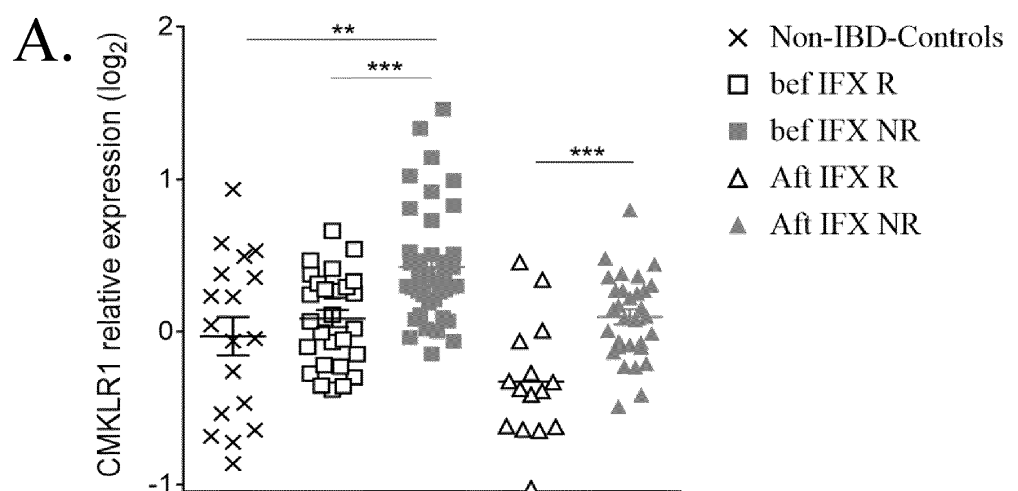
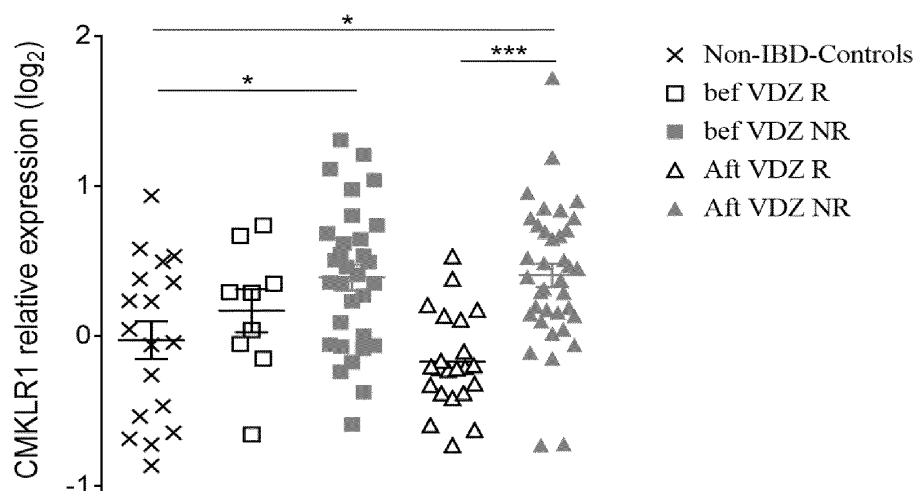
A.

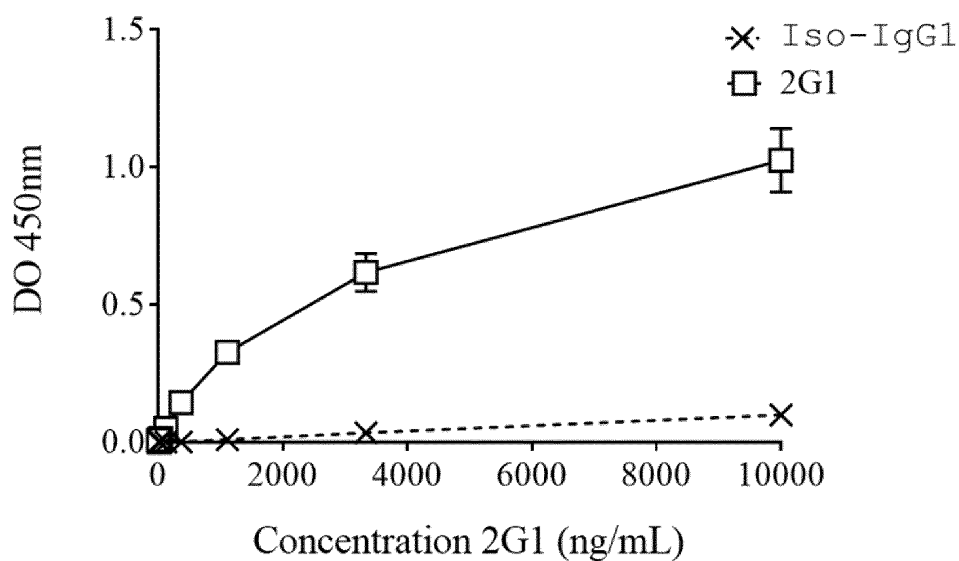
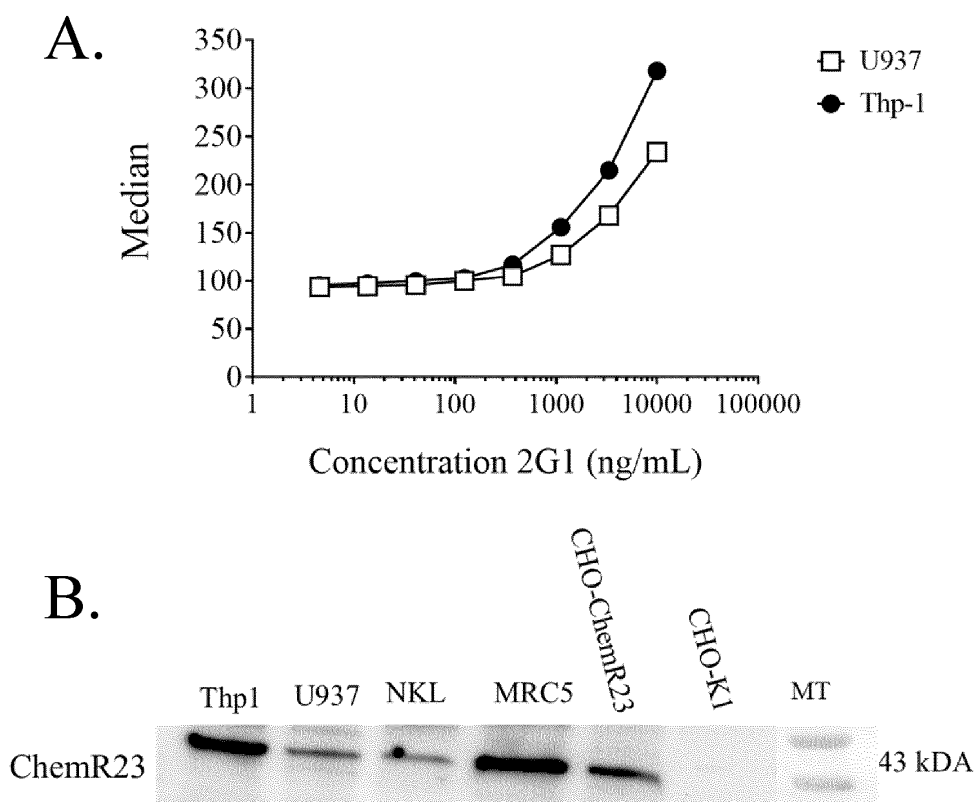


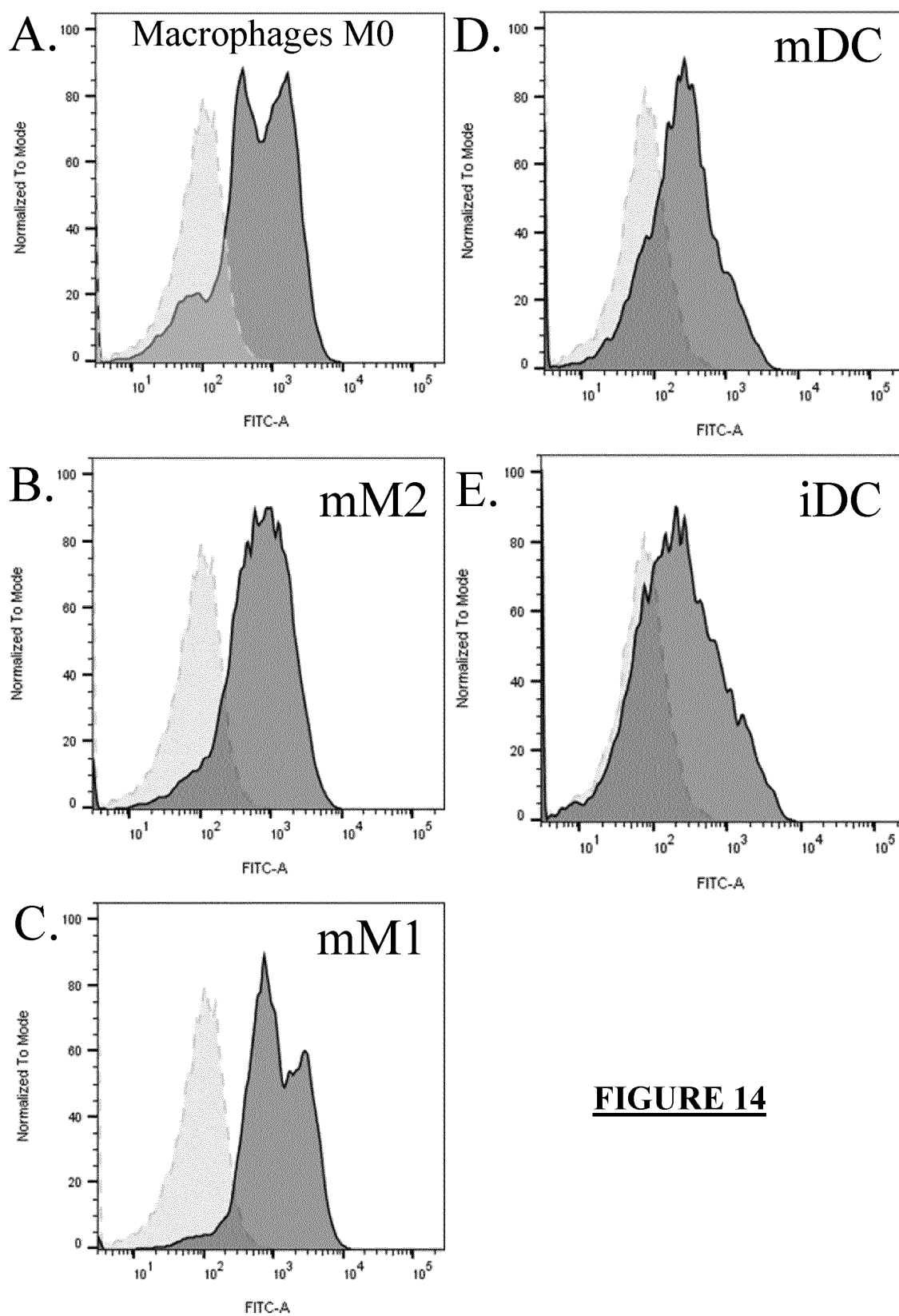
B.

**FIGURE 8**

**FIGURE 9**

**FIGURE 10****FIGURE 11**

**FIGURE 12****FIGURE 13**

**FIGURE 14**

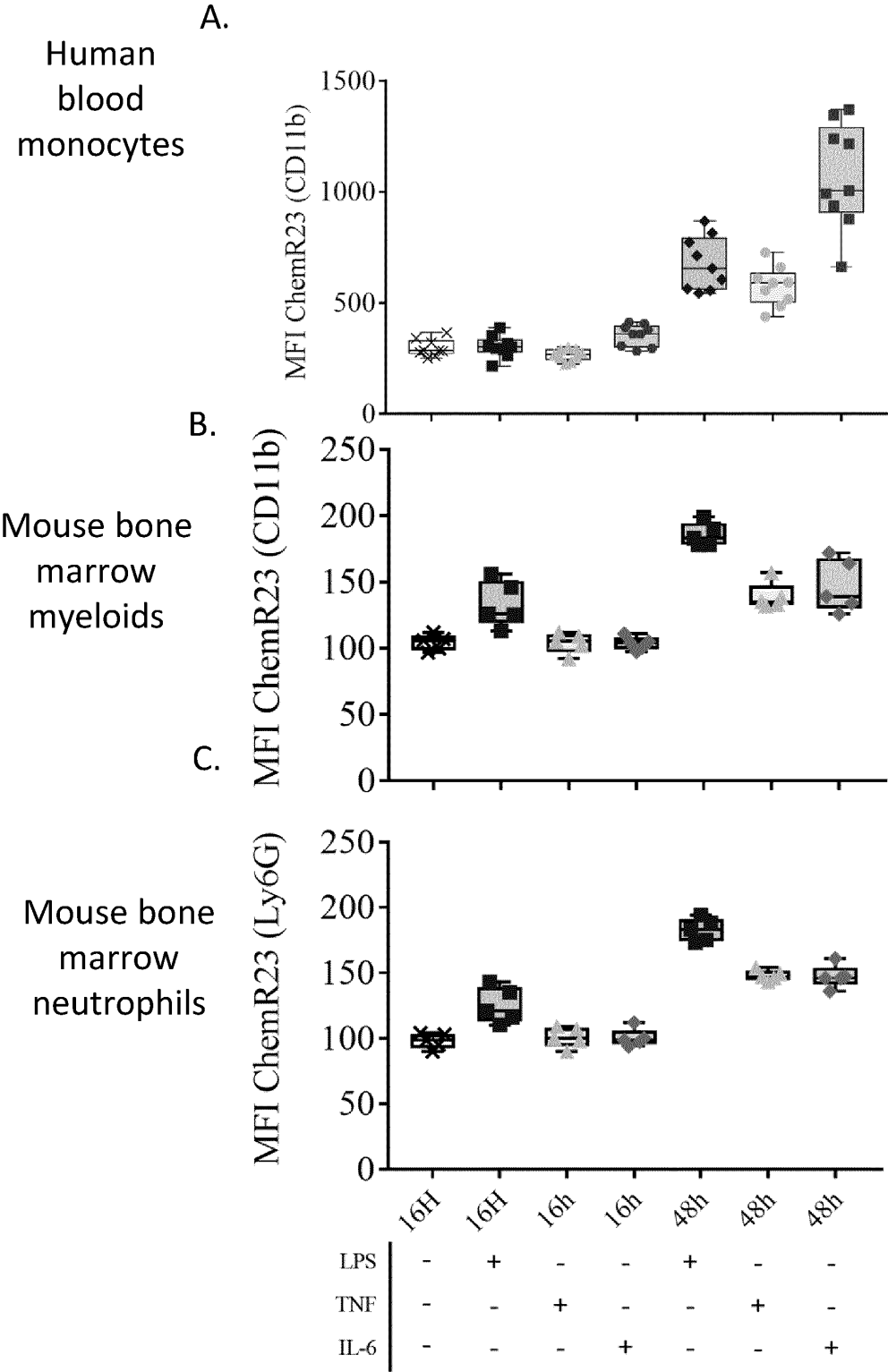
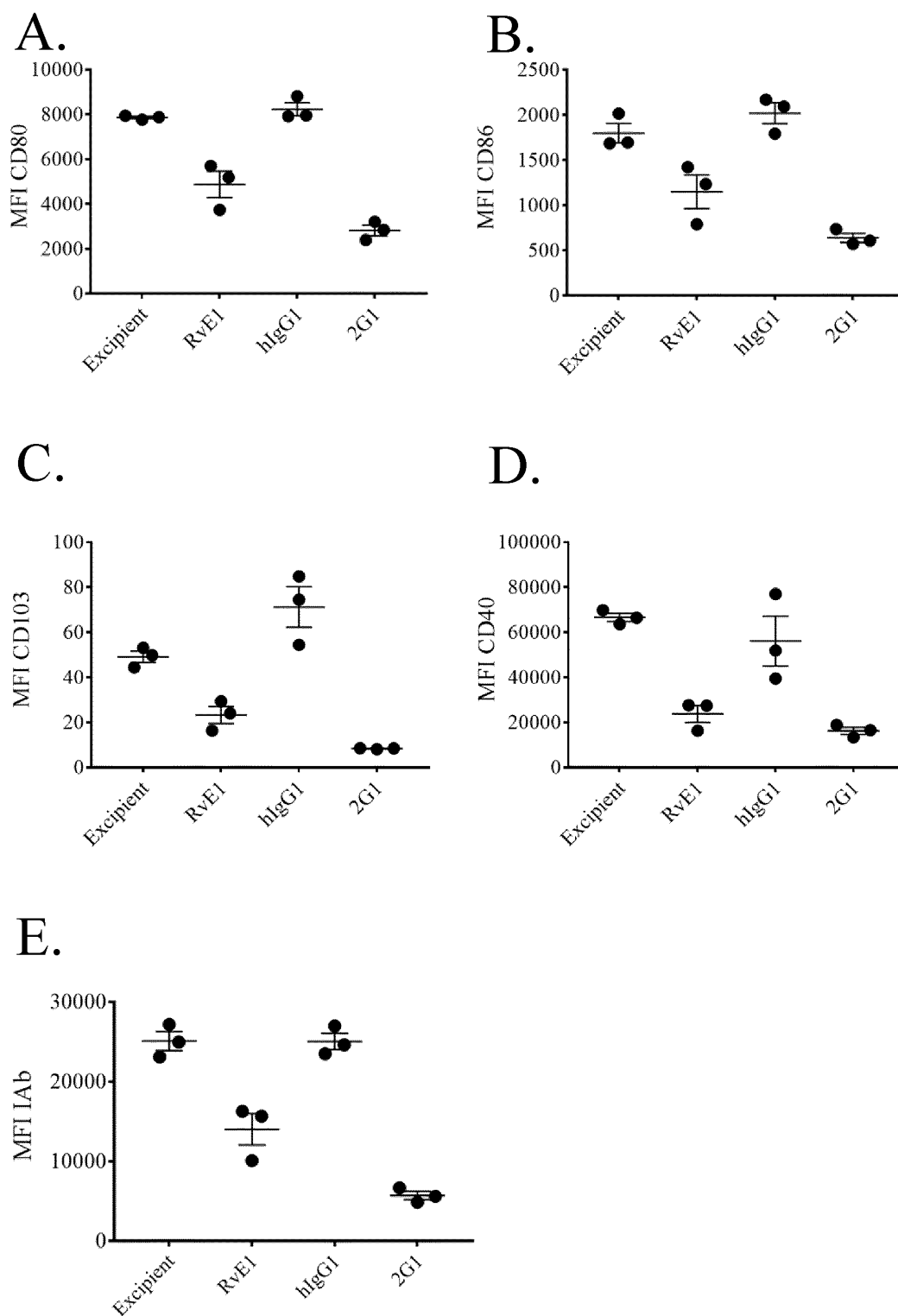


FIGURE 15

**FIGURE 16**

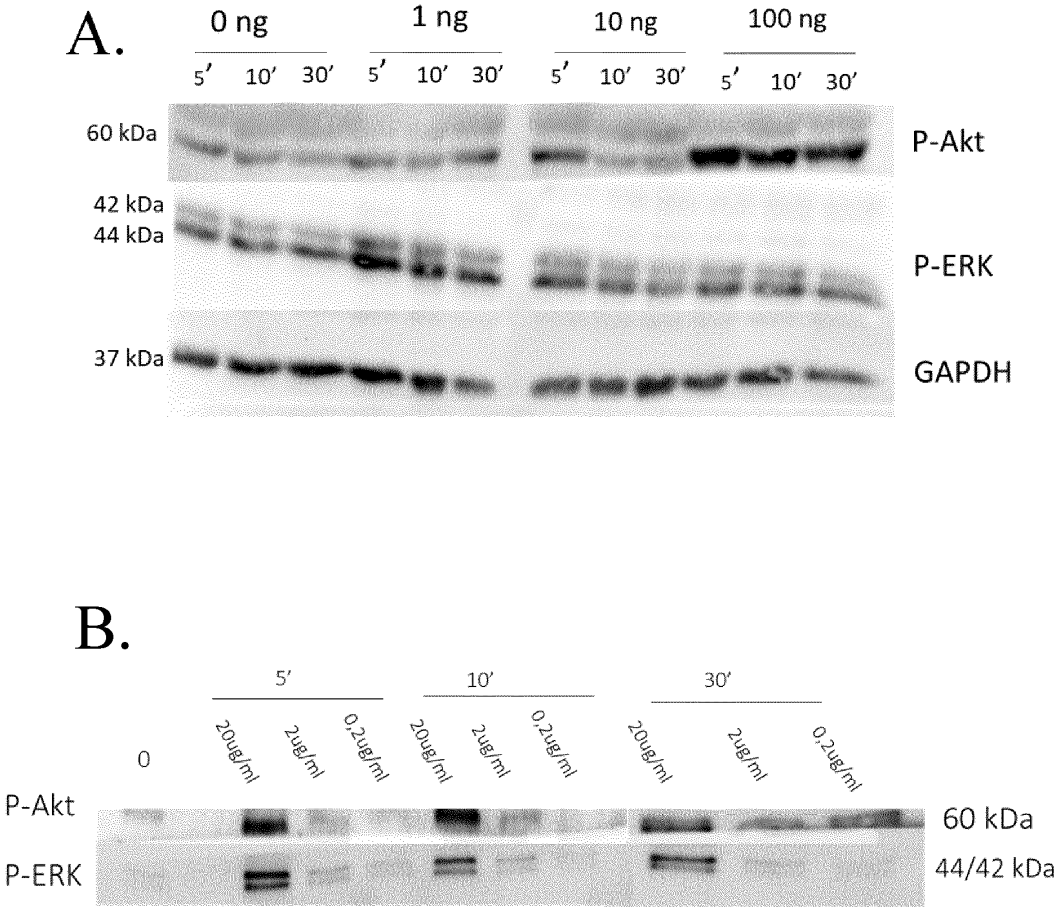
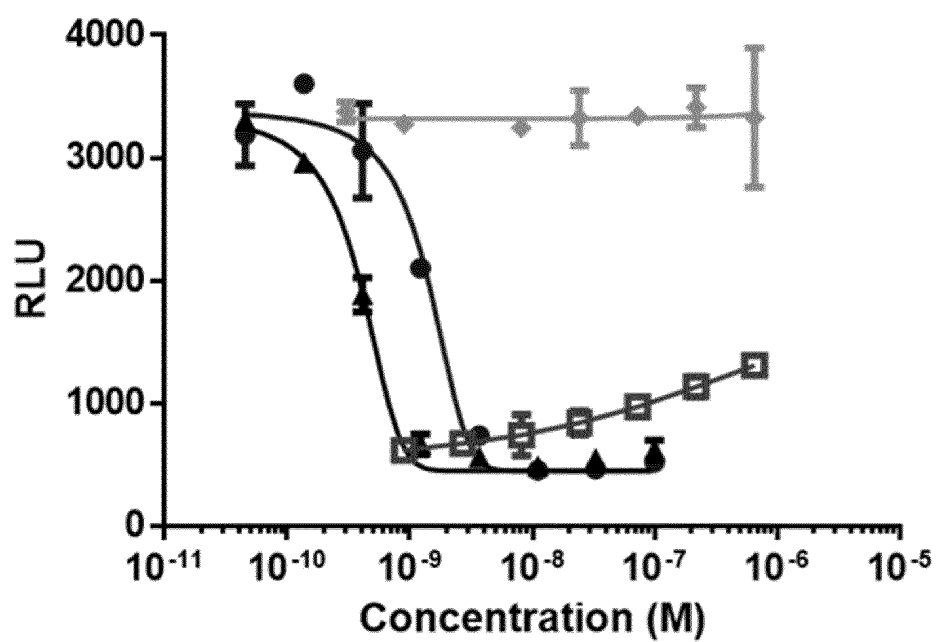
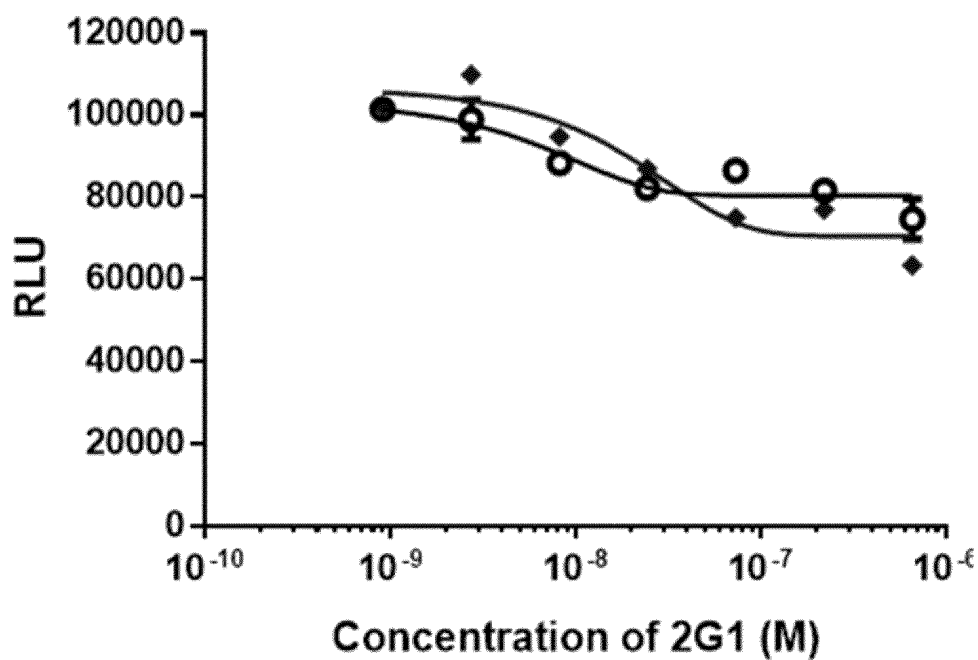


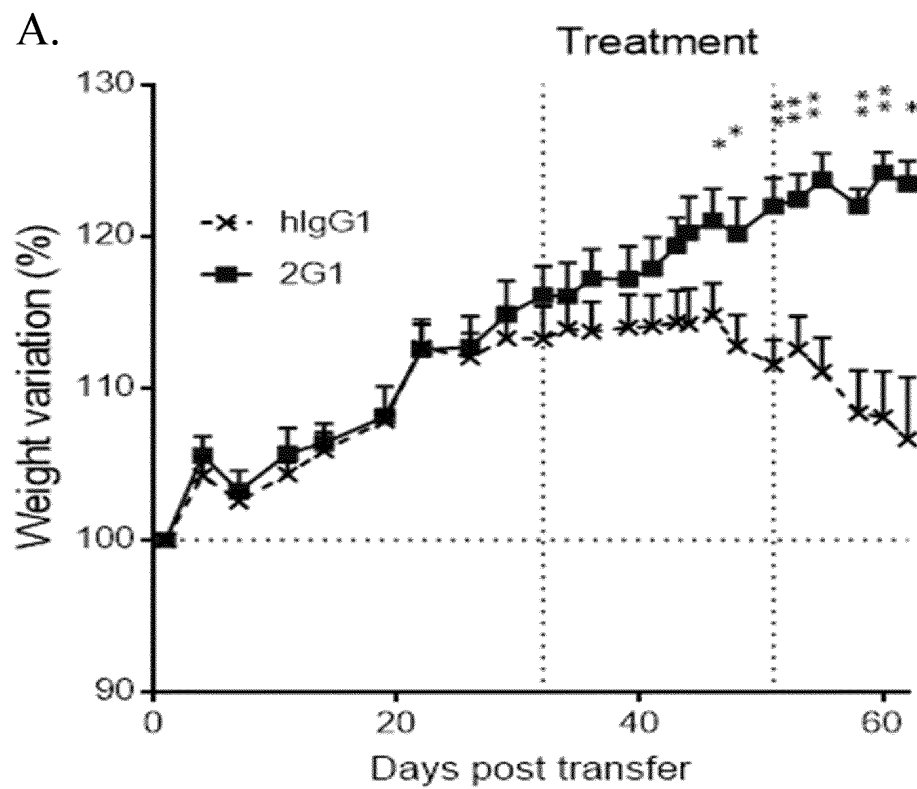
FIGURE 17

A.



B.

**FIGURE 18**



B.

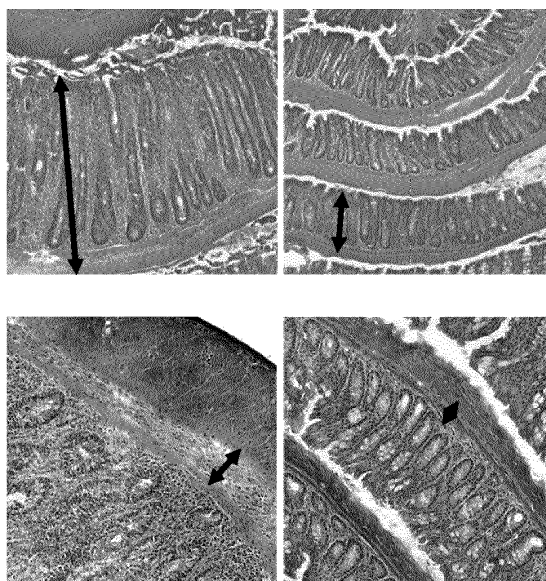
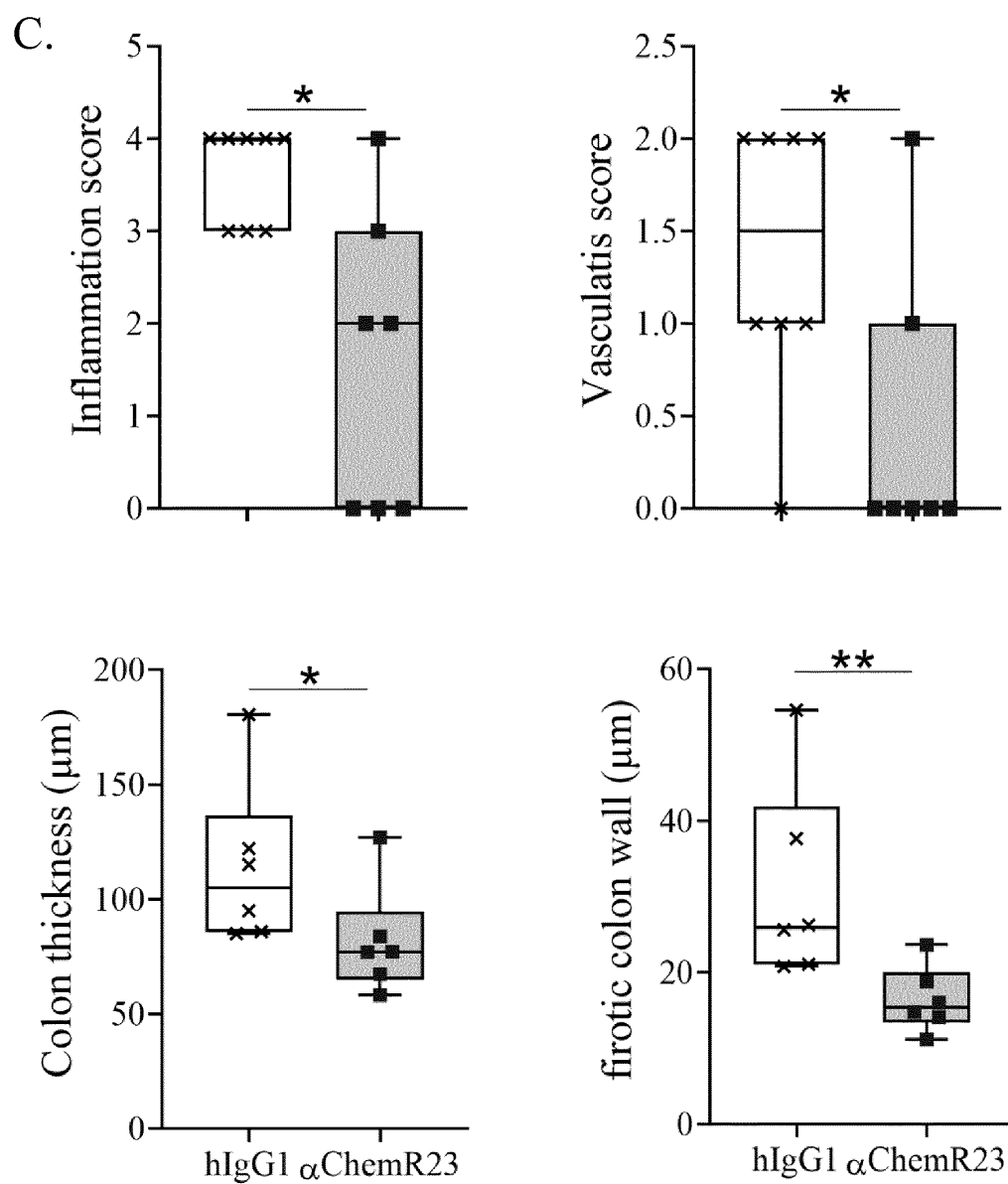


FIGURE 19

**FIGURE 19 (CONTINUED)**

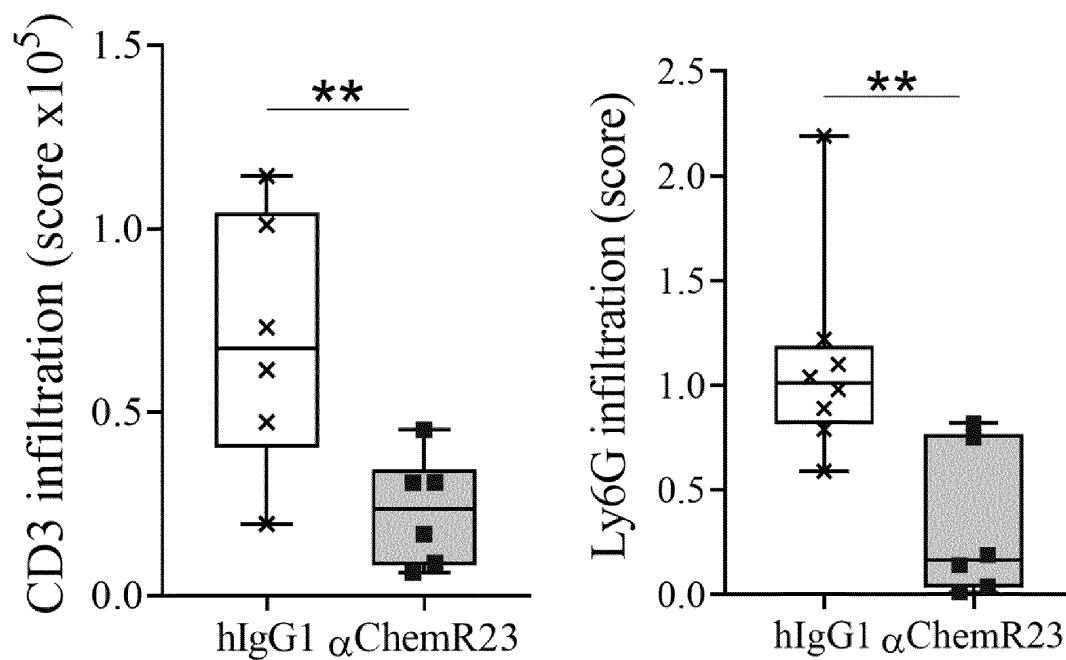


FIGURE 19 (CONTINUED)

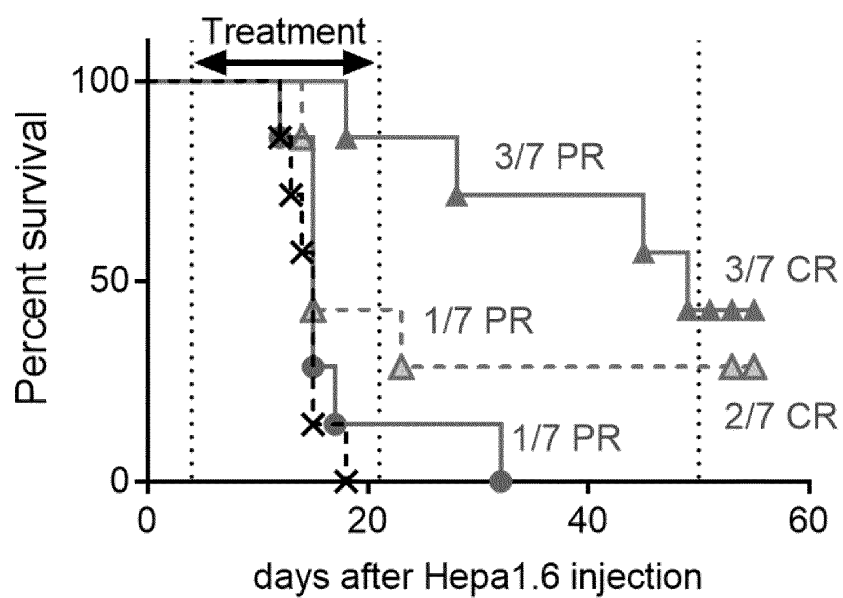


FIGURE 20

Production in COS (surpernatant)				
ng/ml	VH WT	VHvAv3-23 (SEQ 37)	VHvAV1-46	VHvAv4-1
VL WT	1028,1	501,9	<12	<12
ng/ml	VL WT	VLvAv1-13 (SEQ 49)	VLvAv6-21	VLvAv3-11
VH WT	1028,1	2035,3	158,6	75,3
VHvAv3-23 (SEQ 37)	501,9	861,1	-	-

Production in CHO (surpernatant)				
ng/ml	VH WT	VHvAv3-23 (SEQ 37)	VHvAV1-46	VHvAv4-1
VL WT	509,3	249,7	<12	<12
ng/ml	VL WT	VLvAv1-13 (SEQ 49)	VLvAv6-21	VLvAv3-11
VH WT	509,3	831,3	78,4	40,4
VHvAv3-23 (SEQ 37)	249,7	443,7	-	-

FIGURE 21

Production in CHO cells and purification on Protein A		
	Concentration (mg/ml)	Yield (mg/L)
VH WT + VL WT	2,8	33,6
VH WT + VLvAv1-13 (SEQ 49)	0,96	4
VHvAv3-23 (SEQ 37) + VLvAv1-13 (SEQ 49)	2,3	21,08

FIGURE 22

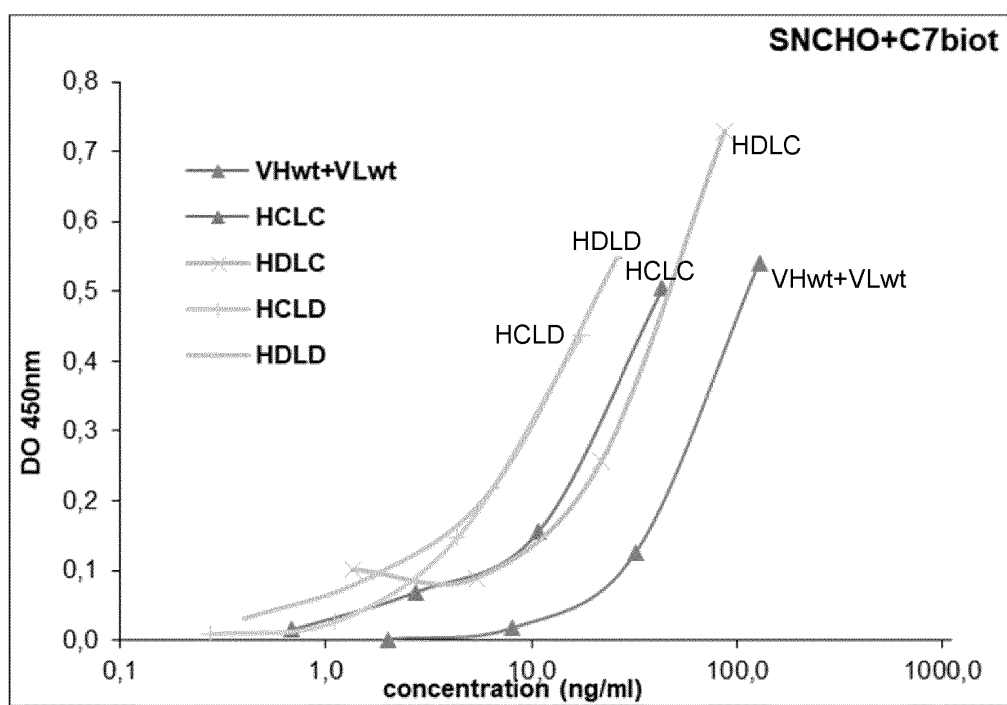


FIGURE 23

	ED50 (ng/ml)
2G1wt	269,2
HALA	557,3
HCLC	167,4
HCLD	332,9
HDLC	196,6
HDLD	195,1

FIGURE 24

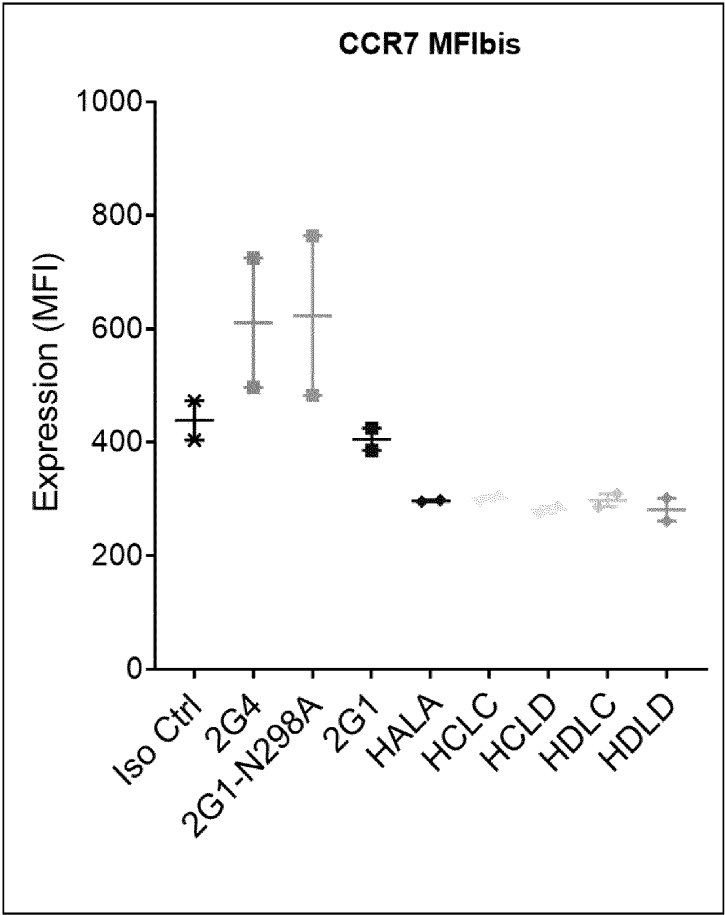
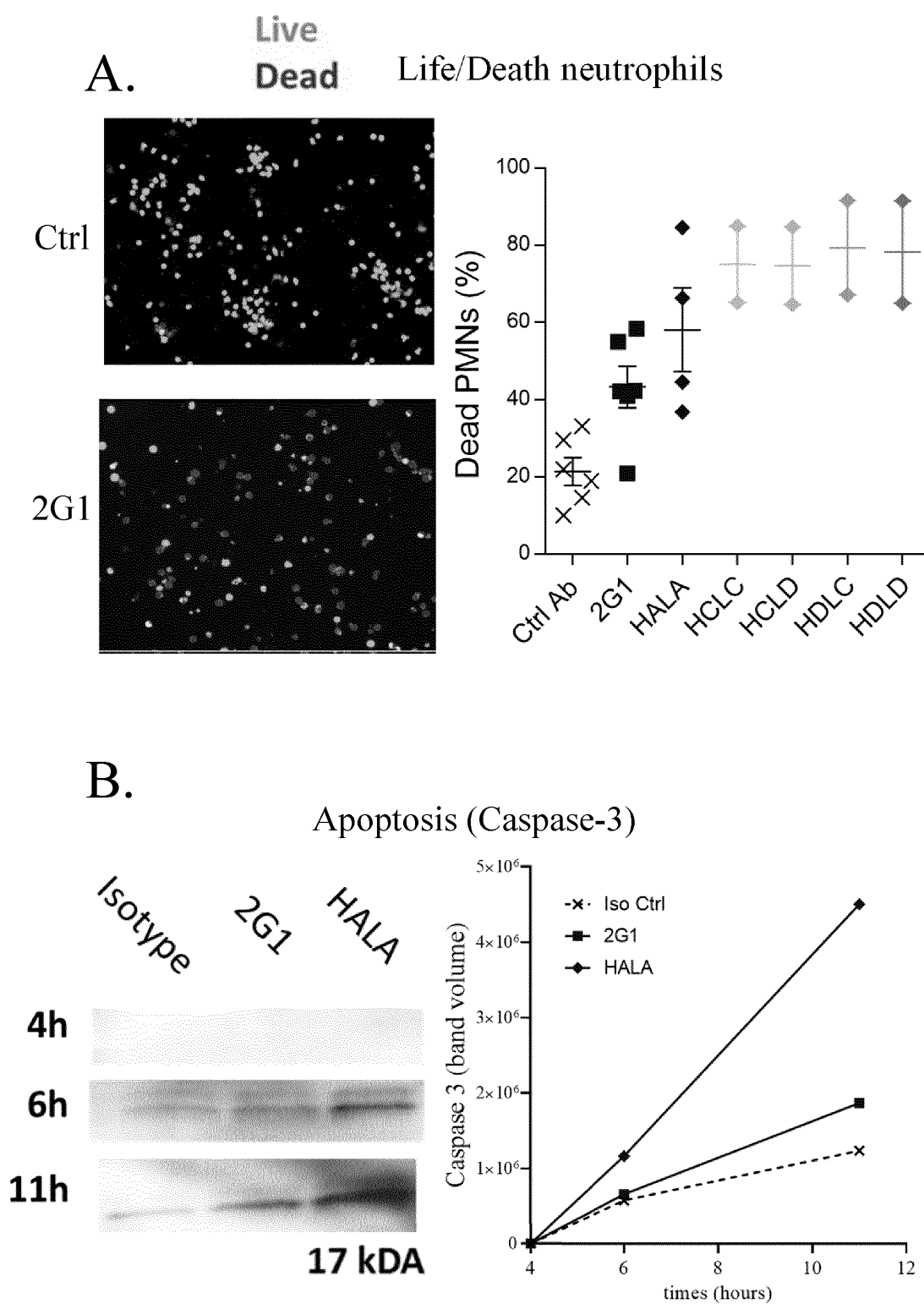
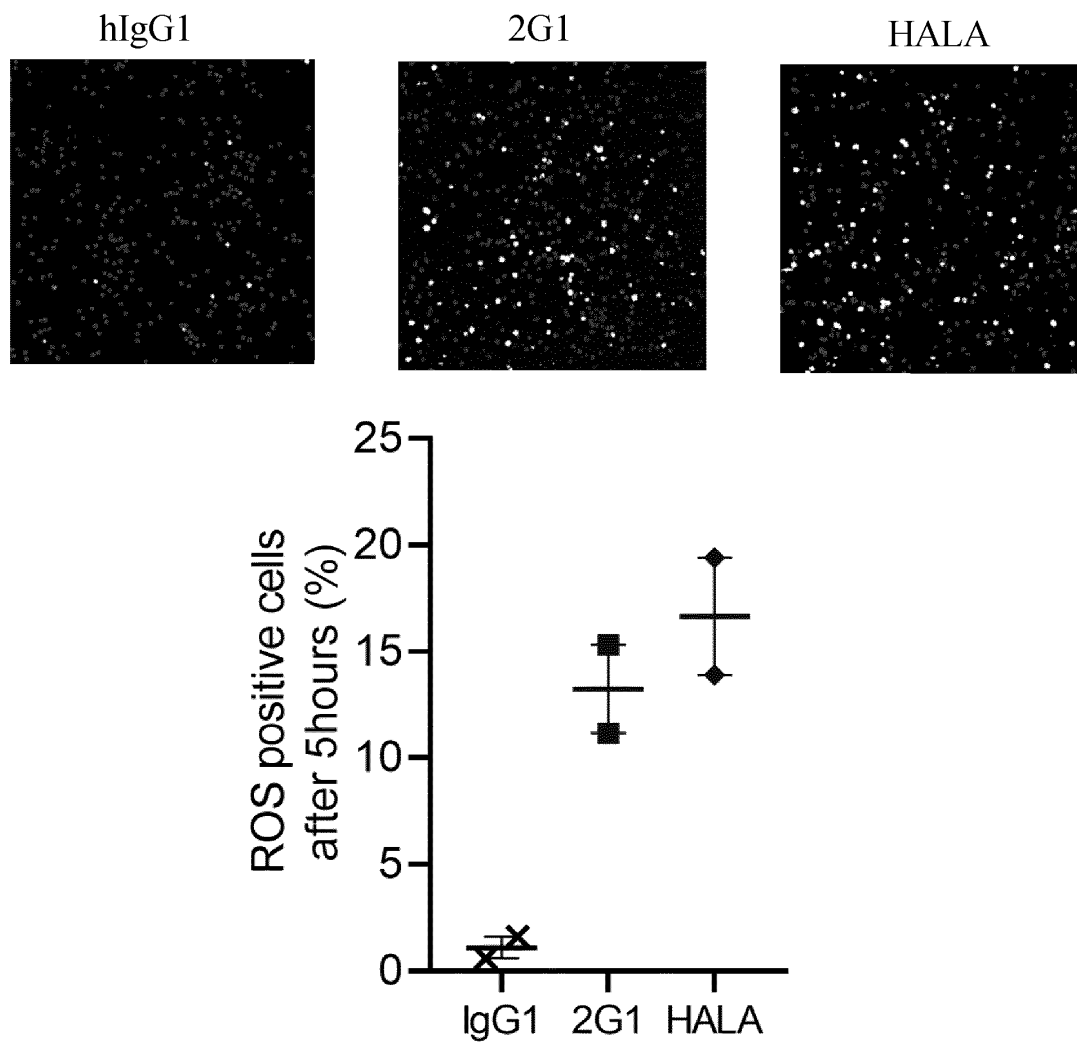


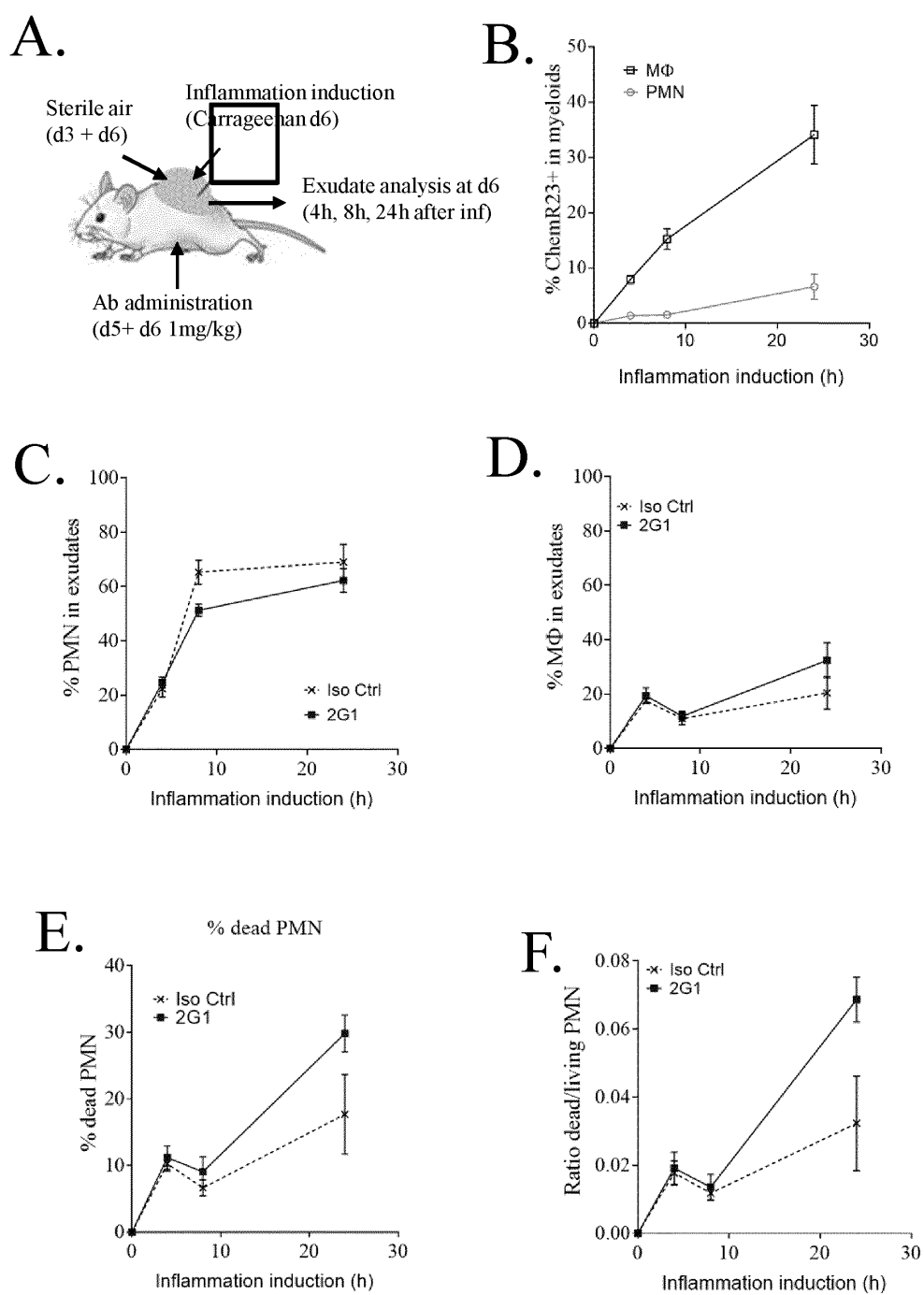
FIGURE 25

**FIGURE 26**

C.

ROS production

**FIGURE 26**

**FIGURE 27**

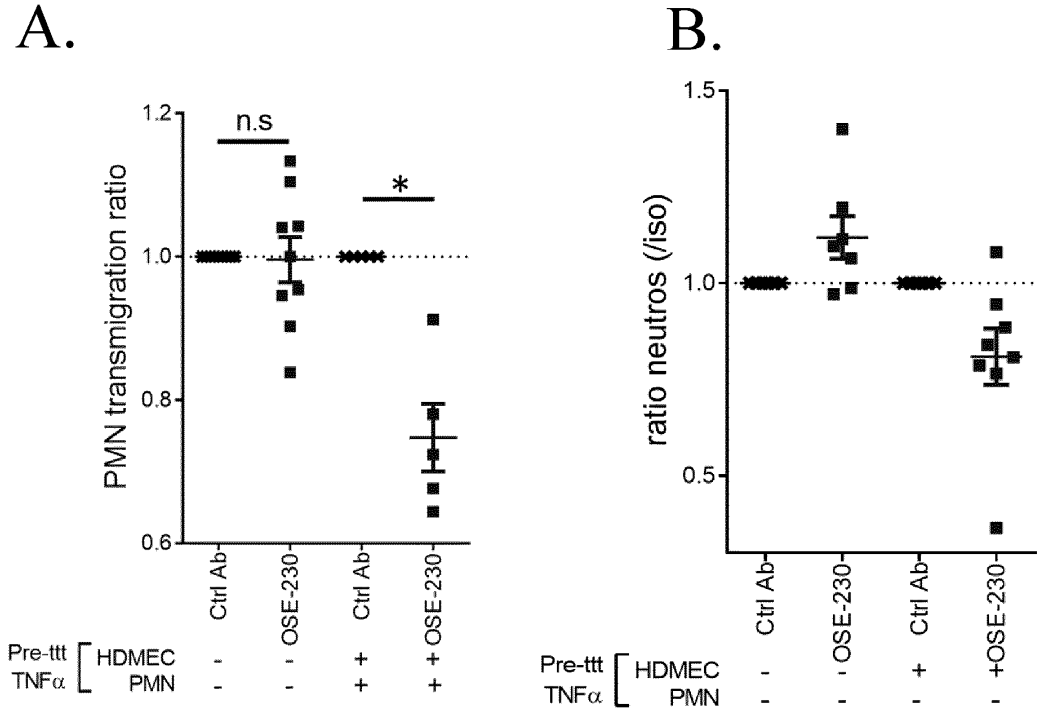


FIGURE 28

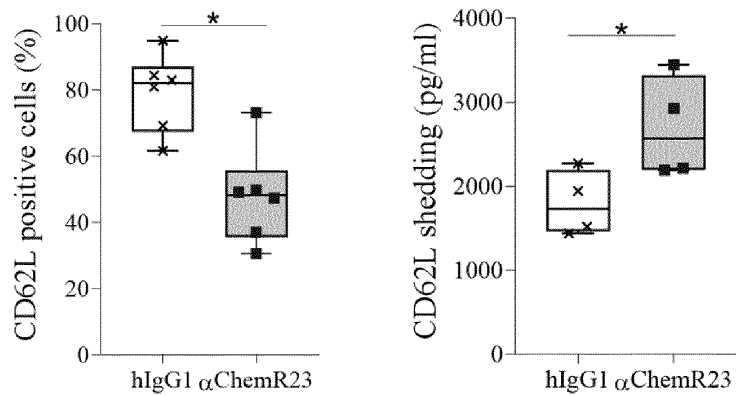
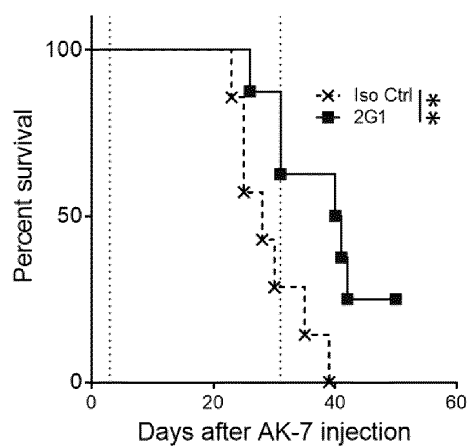
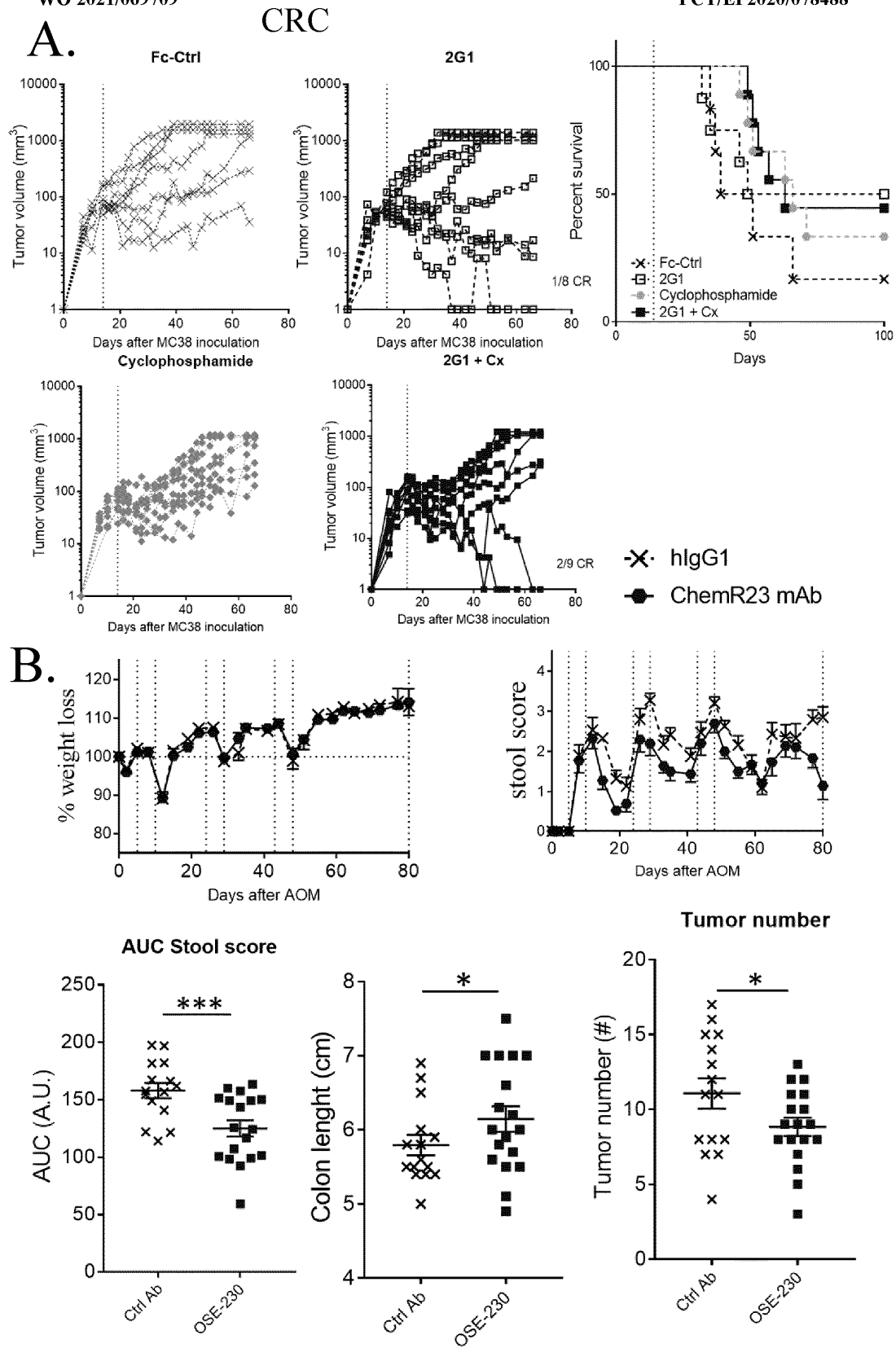
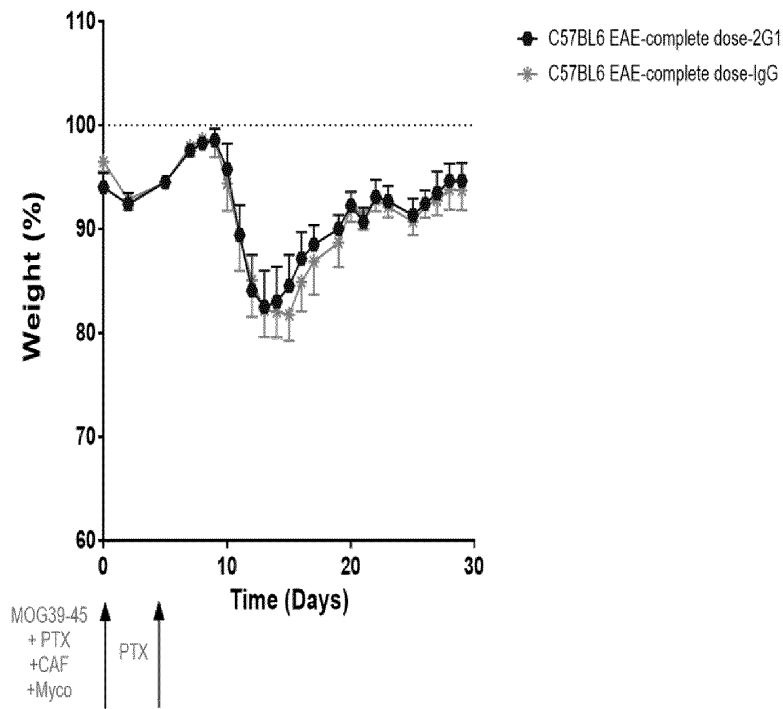


FIGURE 29

**FIGURE 30**



A.



B.

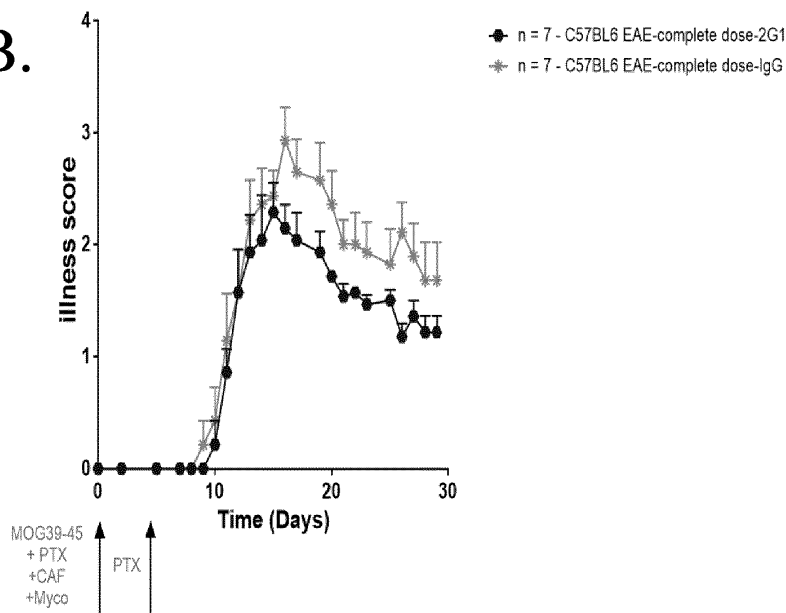
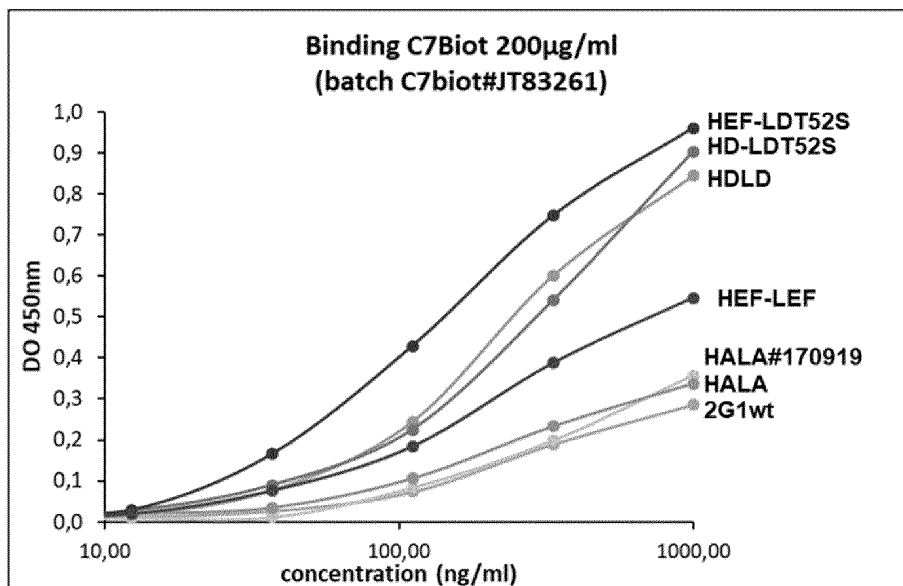


FIGURE 32

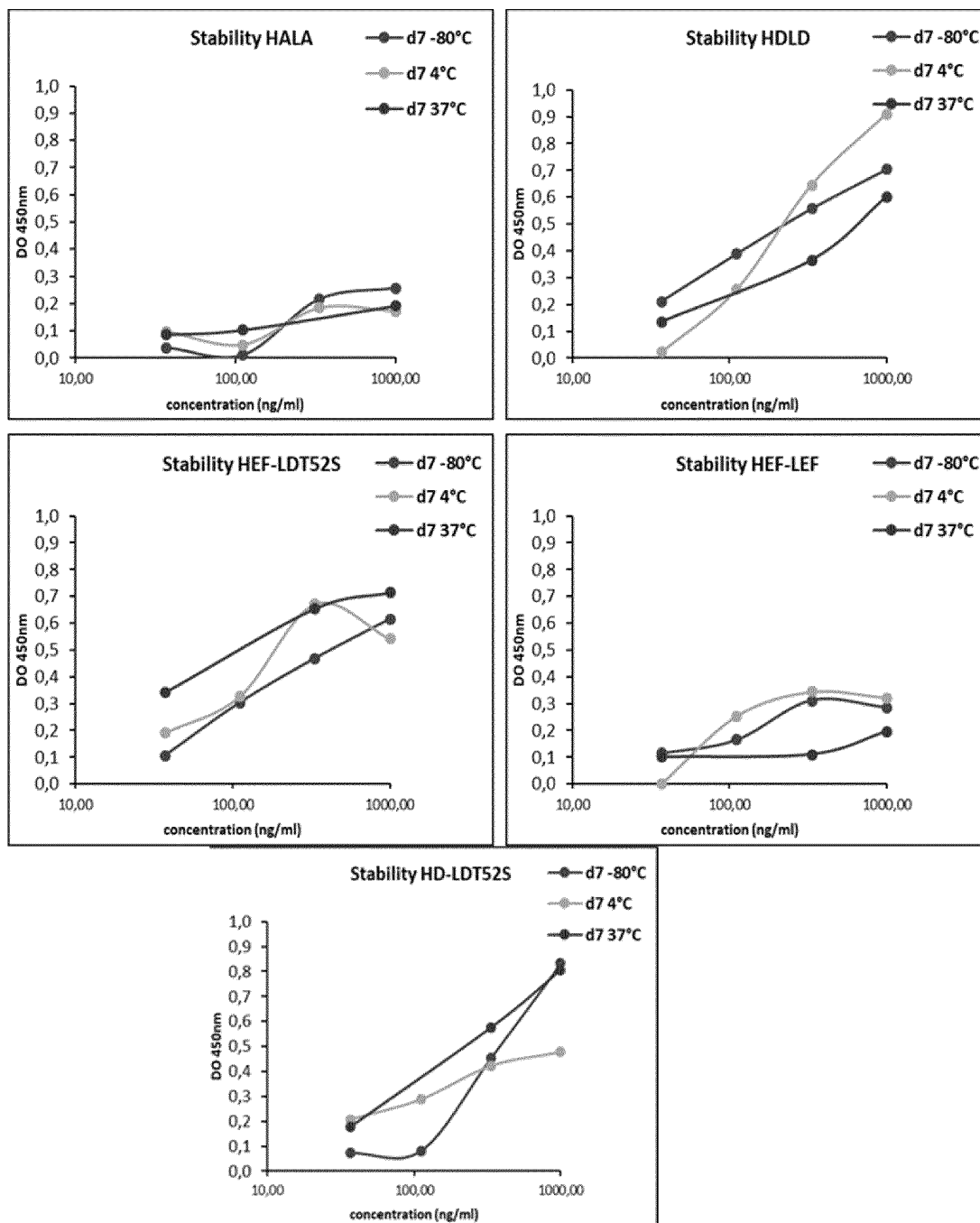


B.

	ED50 (ng/ml)
2G1wt #170919	222,0
HALA#170919	253,4
HALA	194,5
HDLD	192,6
HD-LDT52S	237,4
HEF-LDT52S	125,7
HEF-LEF	182,8

FIGURE 33

A.



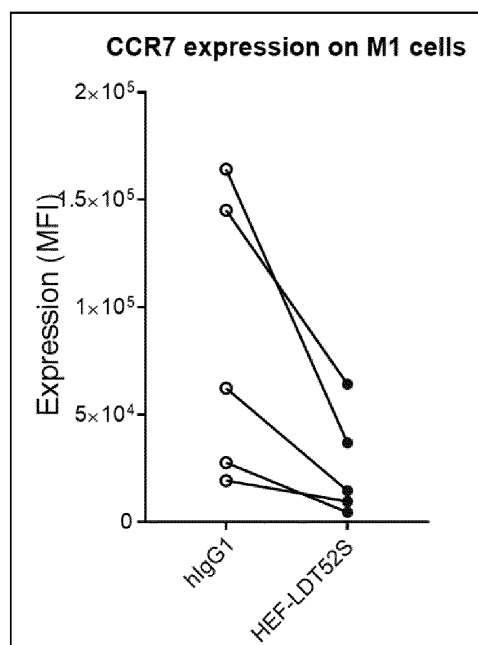
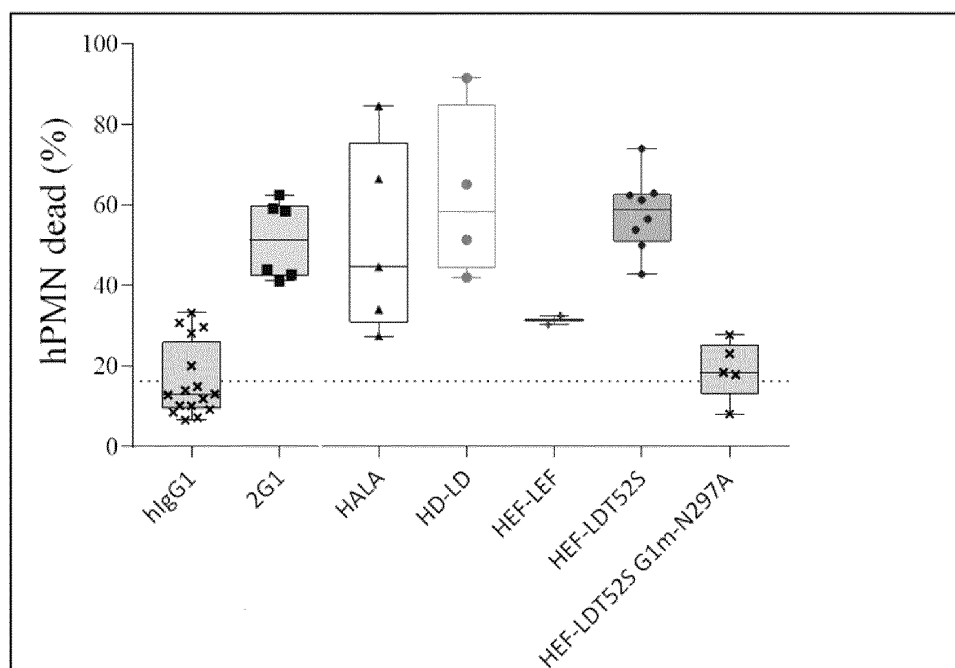
B.

		-80°C		d7 at 37°C	
	loading	% aggregates	% monomers	% aggregates	% monomers
HDLD	100µl à 0,18mg/ml	7,9	92,1	5	95
HEF-LDT52S	100µl à 0,15mg/ml	2,8	97,2	4,3	95,7

FIGURE 34

33/34

SUBSTITUTE SHEET (RULE 26)

**FIGURE 35****FIGURE 36**