

H4H14706P2

REGN	VDJ	AMINO ACID CHANGES FROM GERMLINE		
		FW	CDR	+/- 2 AMINO ACID FROM CDR'S
H4H14706P2	VH: IGHV3-9*01, D1-7*01, J4*02	2	5	2

IGHV3-9*01 D1-7*01 J4*02 H4H14706P2VH	10	20	30	40	50	60
	EVQLVESGGGLVQPGRSLR	LCALASGFTFDDYAM	HWVRQA	PGKGLEWVS	GISWNSGS	IGY
IGHV3-9*01 D1-7*01 J4*02 H4H14706P2VH	70	80	90	100	110	
	ADSVKGRFTISRDNAKNSLYLQ	MNSLRAEDTALYYCAK	DYNWNYY	FDYWGQGT	LTVTVSS	

REGN	VDJ	AMINO ACID CHANGES FROM GERMLINE		
		FW	CDR	+/- 2 AMINO ACID FROM CDR'S
H4H14706P2	VL: IGV3-11*01, IGKJ4*01	1	2	0

IGKV3-11*01 IGKJ4*01 H4H14706P2VK	10	20	30	40	50	60
	EIVLTQSPATLSLSPGERATL	SCRASQSVSSYLAWYQQKPGQAPRLLIYD	ASNRAT	GIPA		
IGKV3-11*01 IGKJ4*01 H4H14706P2VK	70	80	90	100		
	RFSGSGGTFTLTISLLEPEDFAVYYCQ	QRSNWPLTFGGGTKVEIK				

FIG. 1

H4H14708P2

REGN	VDJ	AMINO ACID CHANGES FROM GERMLINE		
		FW	CDR	+/- 2 AMINO ACID FROM CDR'S
H4H14708P2	VH:IGHV3-9*01,D1-26*01,J4*02	3	11	2

IGHV3-9*01 D1-26*01 J4*02	10	20	30	40	50	60
H4H14708P2VH	EVQLVESGGG	LVQPGRSLRLSCAAS	GFTTFDDYA	MHWVRQAPGKGLEWVS	GISWNSGS	IGY
	EVQLVESGGD	LVQPGRSLRLSCAAS	GFTTFDDYA	MHWVRQAPGKGLEWVS	ISWNSDVI	IAY
IGHV3-9*01 D1-26*01 J4*02	70	80	90	100	110	120
H4H14708P2VH	SDSVKGRFTISRDNAKNSLYLQMNSLR	AEDTALYYCA	KIDYSGSY	YFDYWGQGTLLVTVSS		
	SDSVKGRFTISRDNAKNSLYLQMNSLR	TEDTALYYCT	KGHK--WSF	FDYWGQGTLLVTVSS		

REGN	VDJ	AMINO ACID CHANGES FROM GERMLINE		
		FW	CDR	+/- 2 AMINO ACID FROM CDR'S
H4H14708P2	VL:IGKV3-11*01,IGKJ4*01	1	4	1

IGKV3-11*01 IGKJ4*01	10	20	30	40	50	60
H4H14708P2VK	EIVLTQSPATLSLSPGERATLSCRAS	QS	VSSYLAWYQQKPGQAPRLIT	DAS	NRAT	GIPA
	EIVLTQSPATLSLSPGERATLSCRAS	QS	ISSYLAWYQQKPGQAPRLIT	FNVA	NRAT	DIPA
IGKV3-11*01 IGKJ4*01	70	80	90	100		
H4H14708P2VK	RFSGSGGTDFLTITISLEPEDAFVYQC	QQRSNWPLT	FGGGTKVEIK			
	RFSGSGGTDFLTITISLEPEDAFVYQC	QQRSNWPLT	FGGGTKVEIK			

FIG. 2

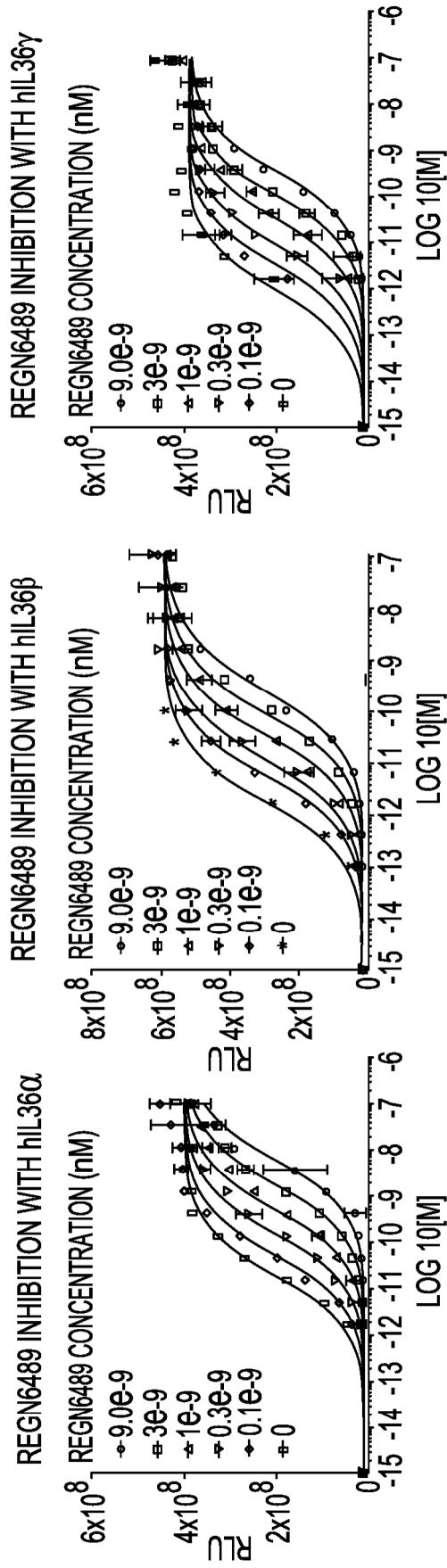


FIG. 3A

FIG. 3B

FIG. 3C

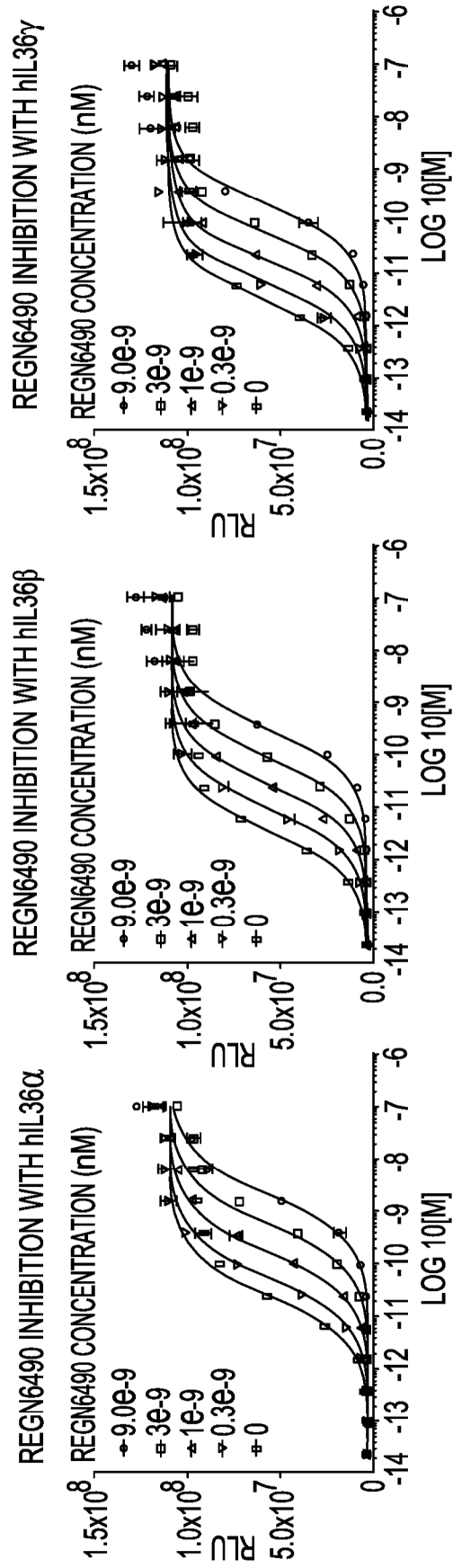


FIG. 3D

FIG. 3E

FIG. 3F

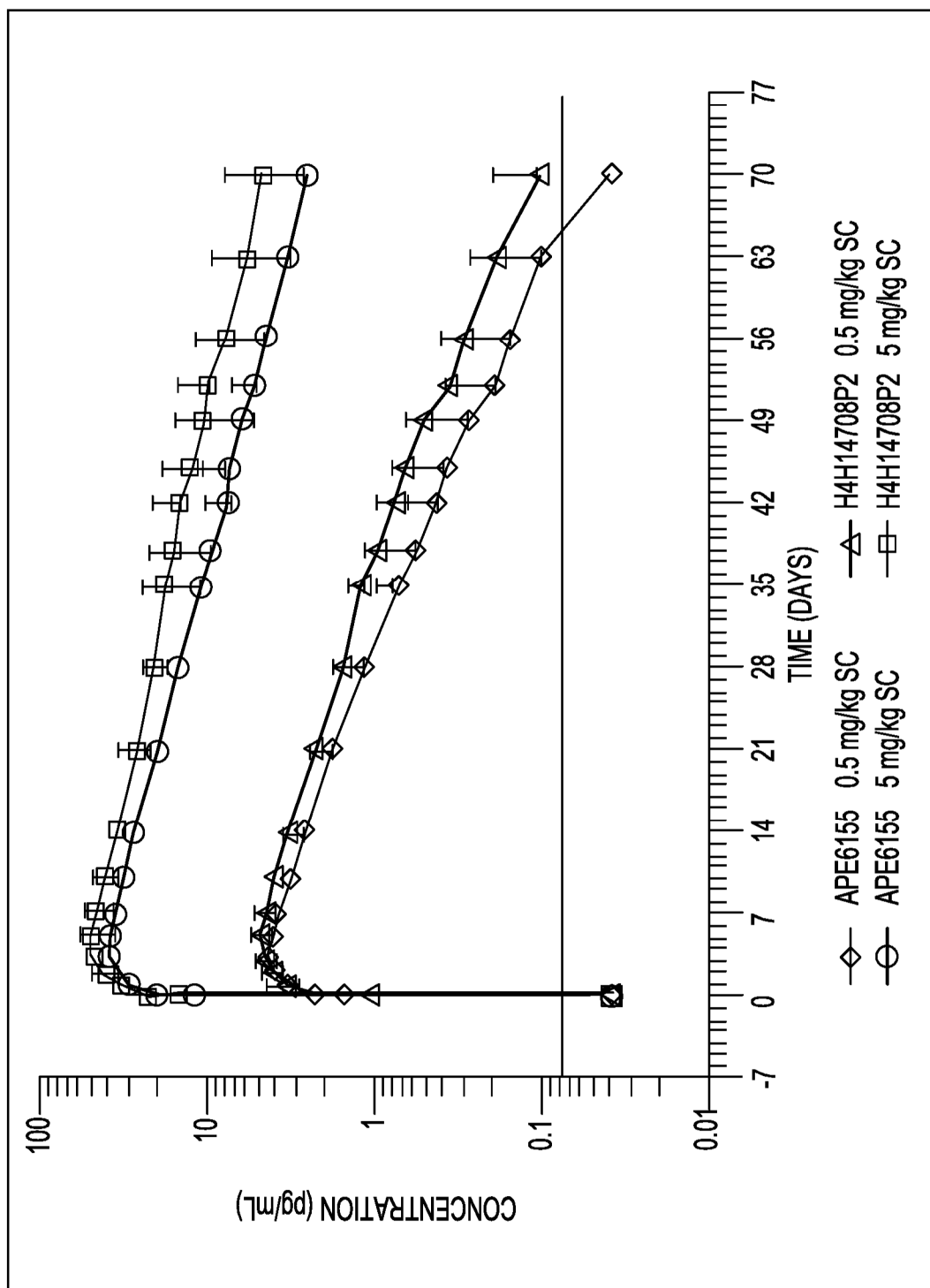


FIG. 4