

Figure 1

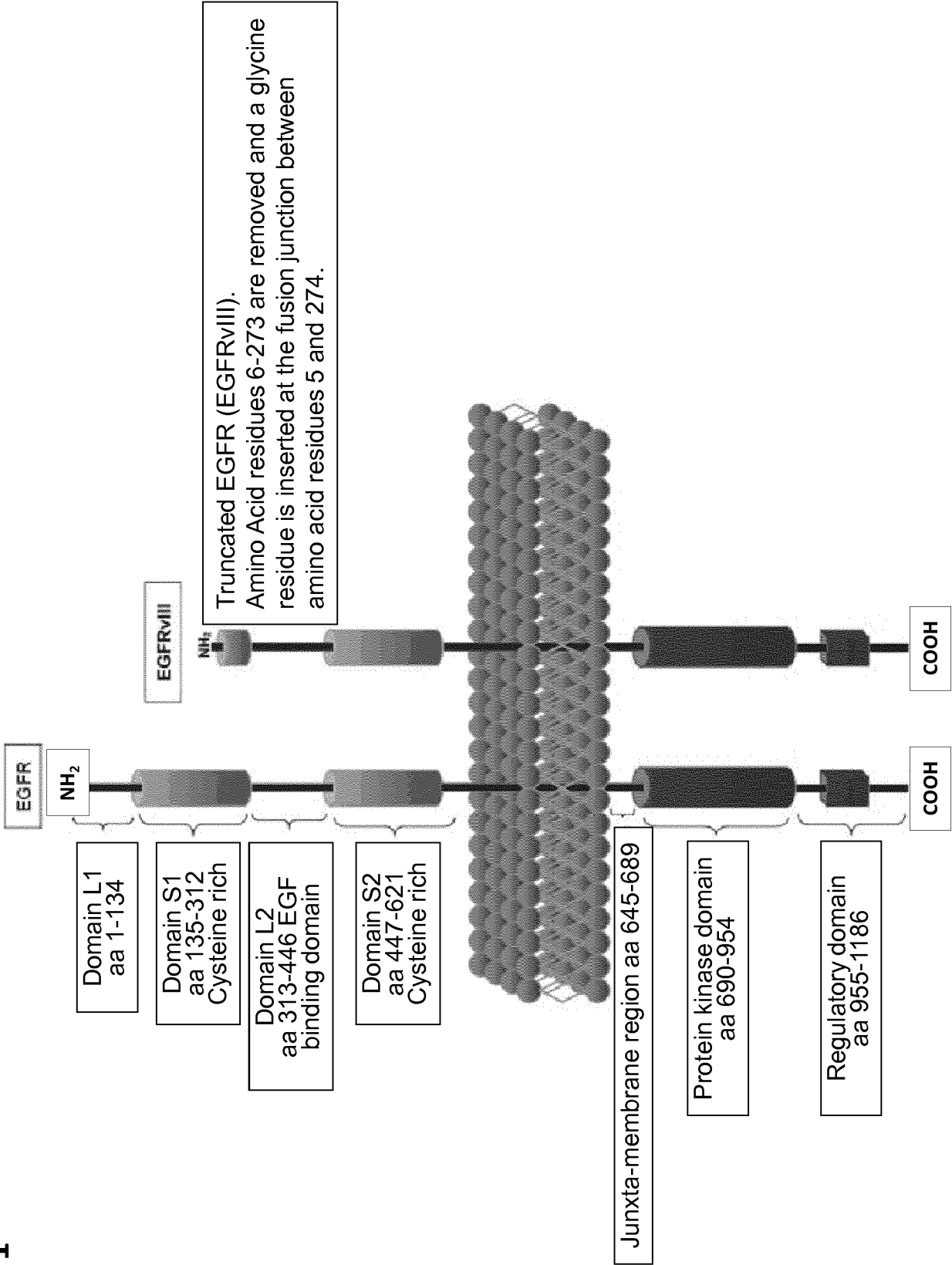
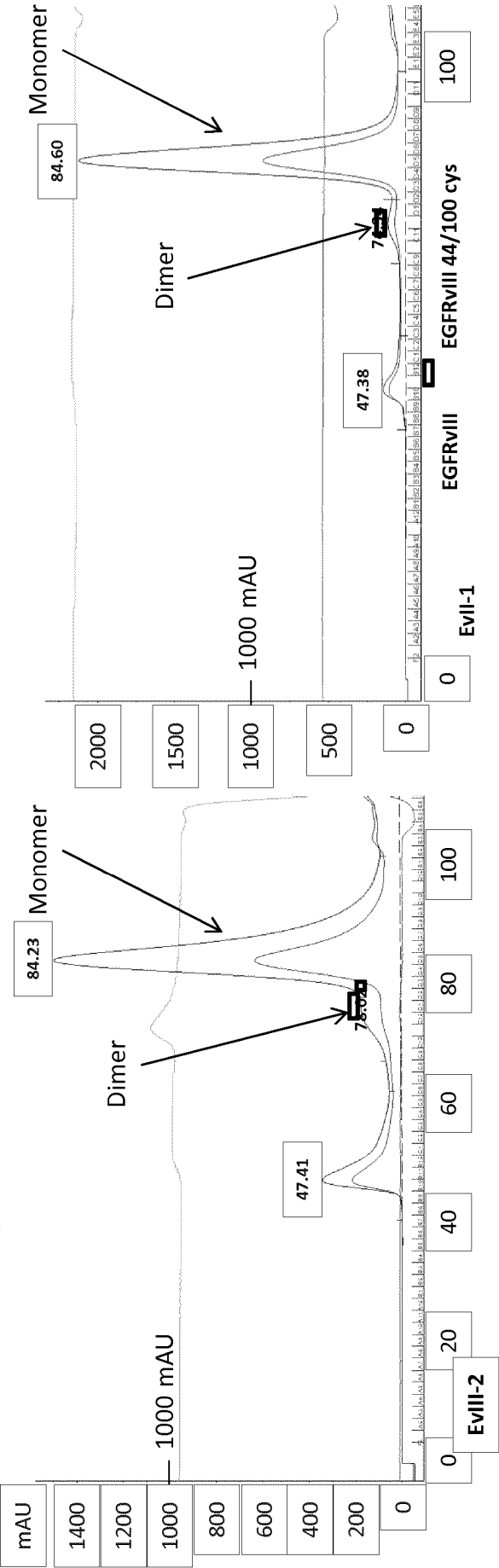


Figure 2

1		VH	CDR I	50
QVQLVESGGGVVQSGRSLRLSCAASGFTFR	[REDACTED]	WVRQAPGKGL	EWVA	
QVQLVESGGGVVQSGRSLRLSCAASGFTFR	[REDACTED]	WVRQAPGKGL	EWVA	
51	CDR II	VH		100
[REDACTED]	RFTISRDN SKNTLYLQMNSLRAEDTAVYCAR			
[REDACTED]	RFTISRDN SKNTLYLQMNSLRAEDTAVYCAR			
101	CDR III		(G4S) ₃	VL 150
[REDACTED]	WGQGLTVTVSSGGGGSGGGGGSDTVMQTPLSS			
[REDACTED]	WGQGLTVTVSSGGGGSGGGGGSDTVMQTPLSS			
151	CDR I	VL	CDR II	200
HVTLGQPASIS	[REDACTED]	WLQQRPGQPPRLLIY	[REDACTED]	
HVTLGQPASIS	[REDACTED]	WLQQRPGQPPRLLIY	[REDACTED]	
201		VL	CDR III	251
GVPDRFSGSGAGTDFTLEISRVEADVGVYQC	[REDACTED]	FGCSTKVEIK		
GVPDRFSGSGAGTDFTLEISRVEADVGVYQC	[REDACTED]	FGCSTKVEIK		

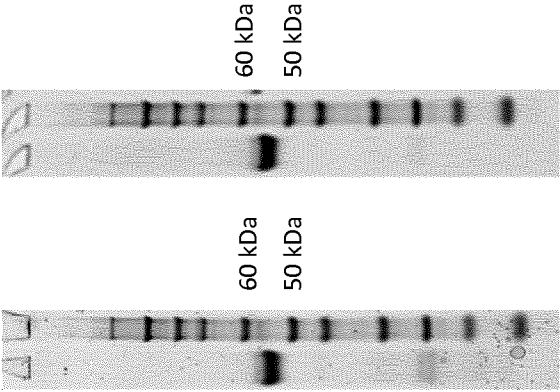
Figure 3

SEC Chromatograms



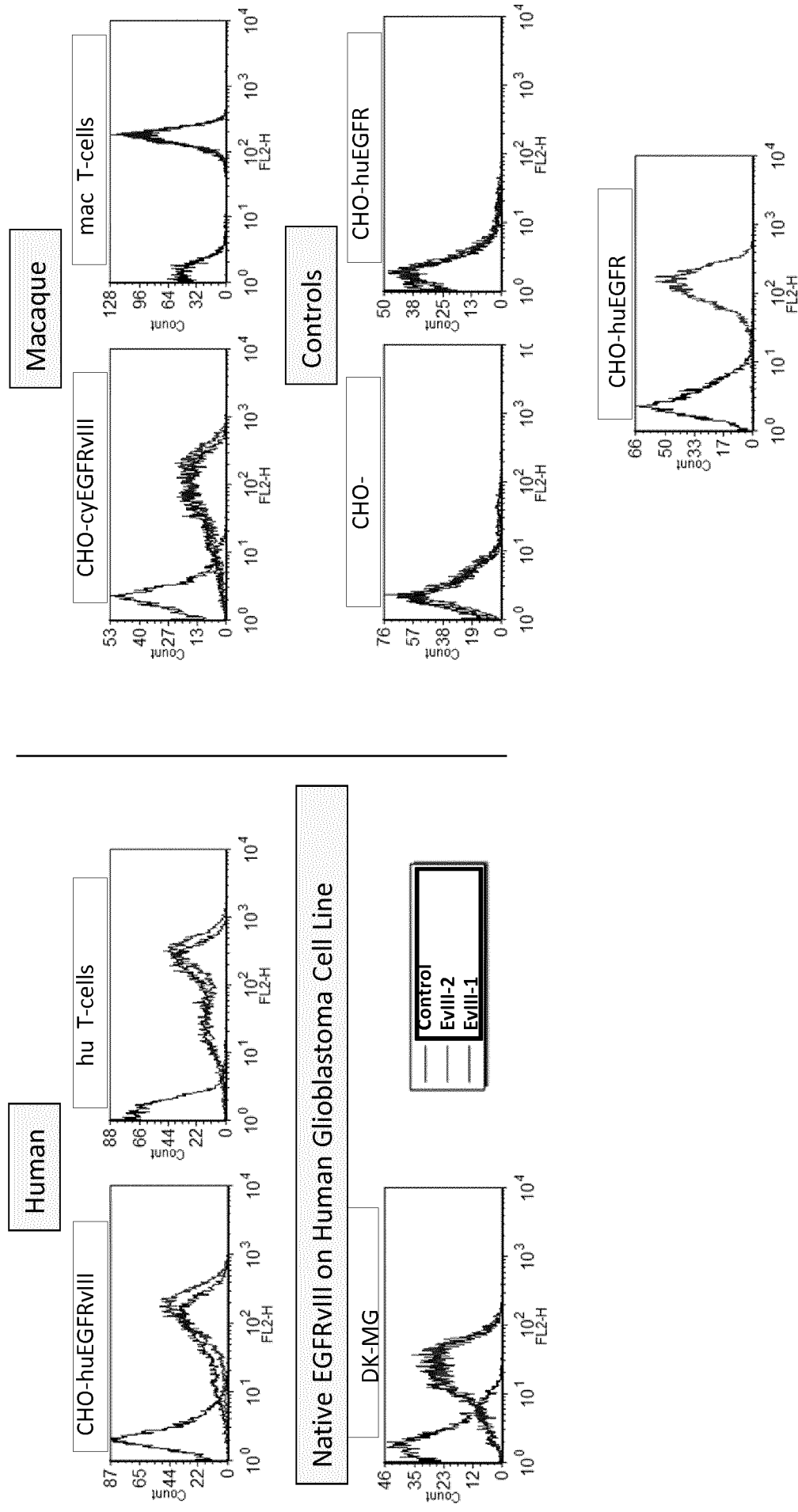
Blue Line = OD280 nm
Red Line = OD254 nm

Figure 4



EGFRvIII BiTE	Monomer Yield [µg/l]	Monomer Percentage
EvII-2	2503	90
EvII-1	3671	93

Figure 5



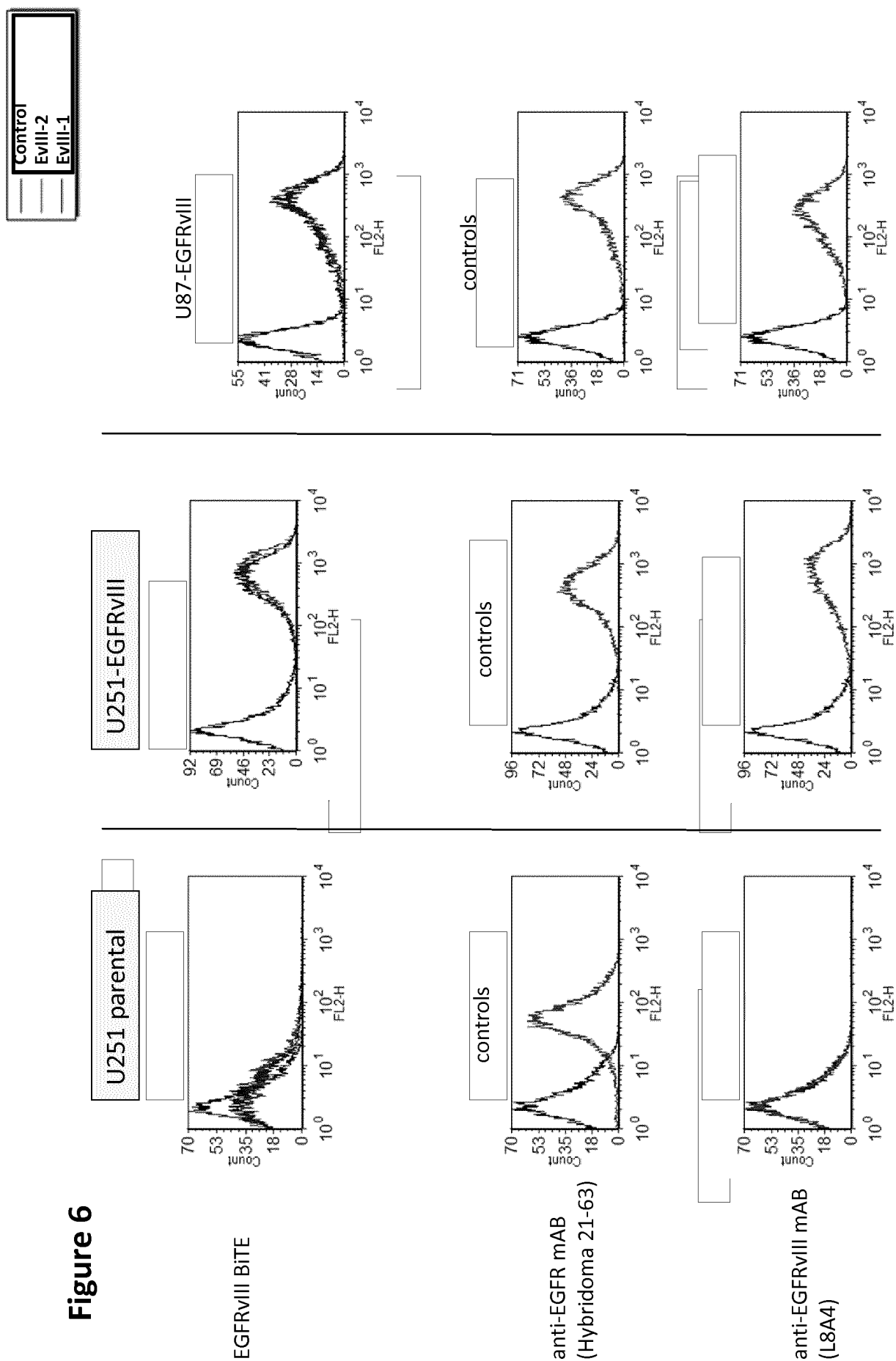


Figure 7

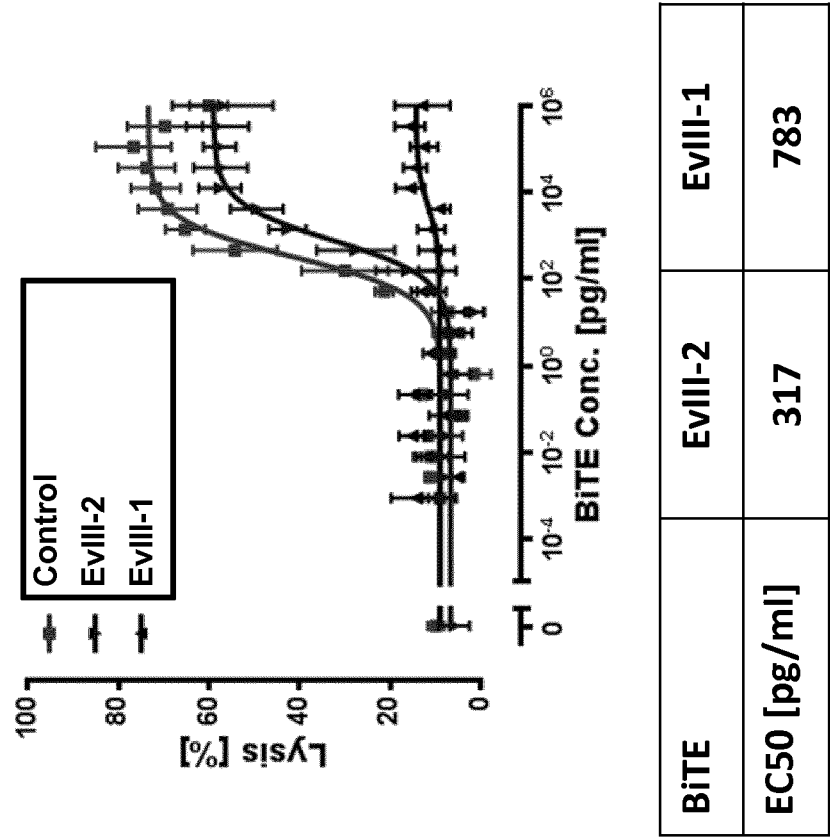


Figure 8

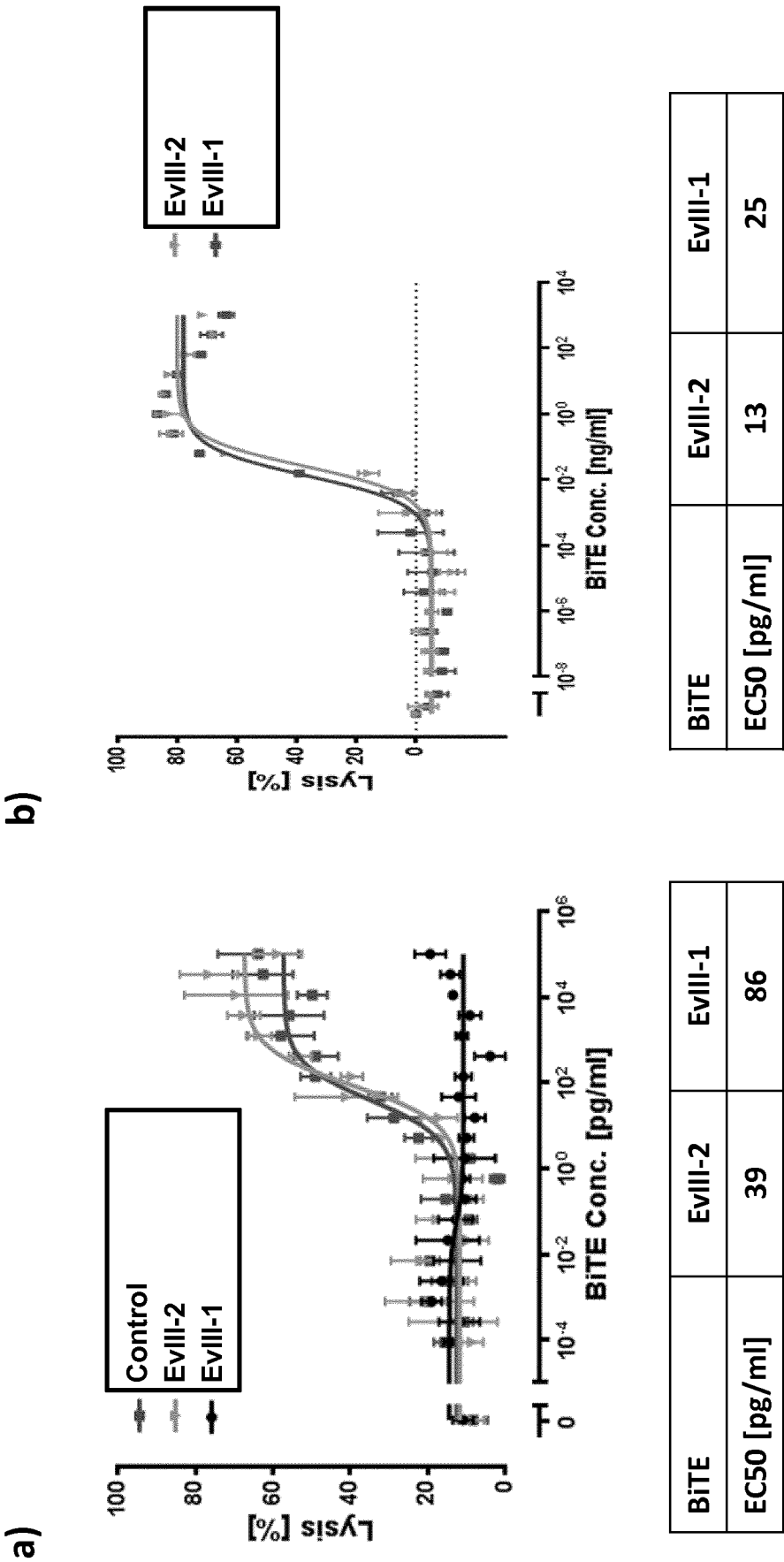


Figure 9

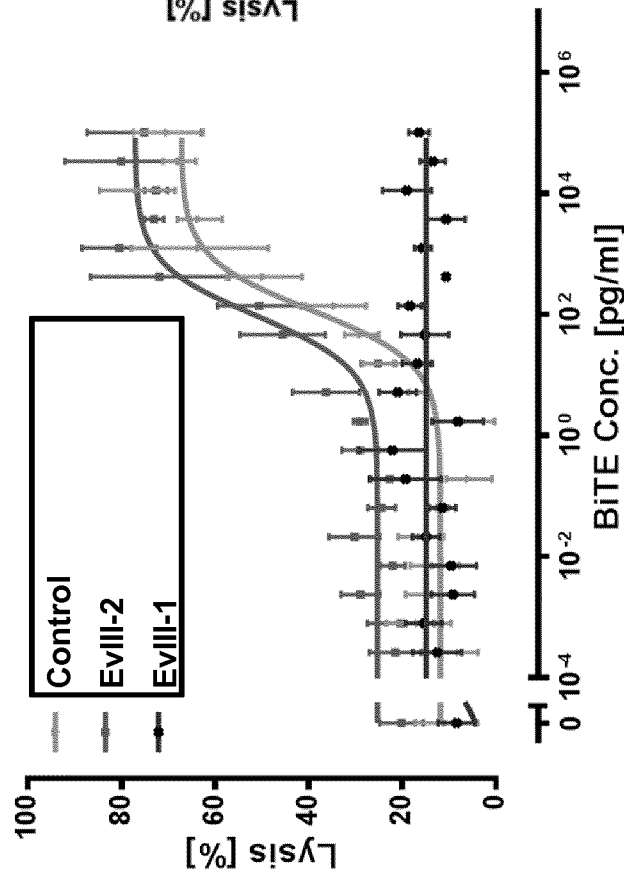


Figure 10

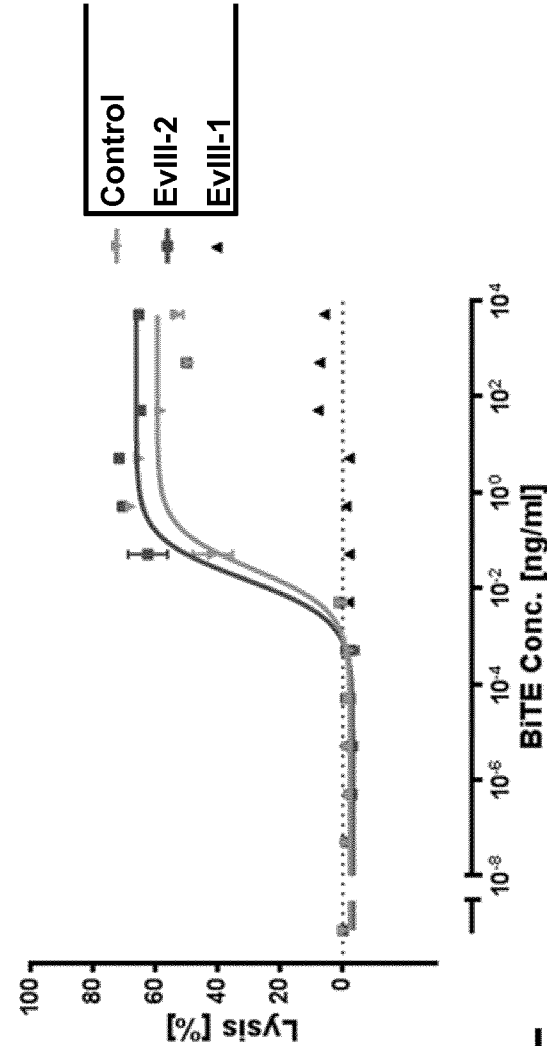
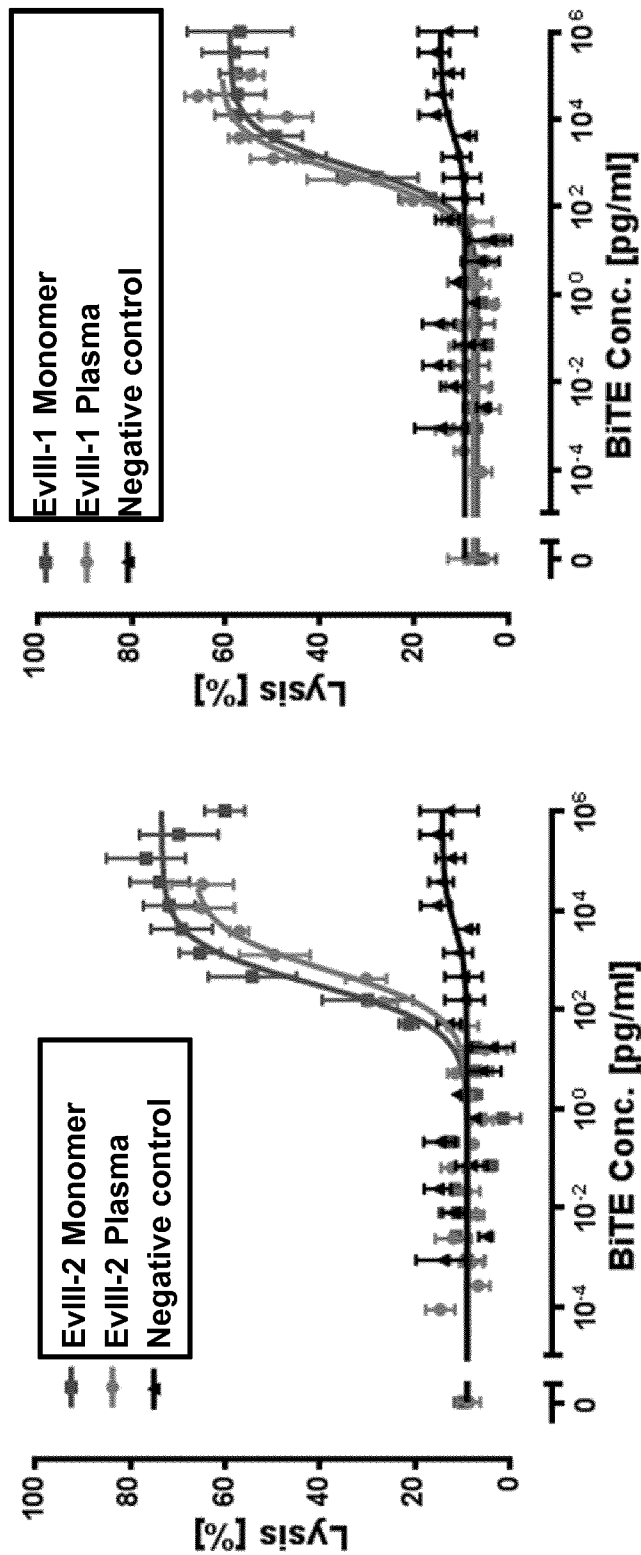
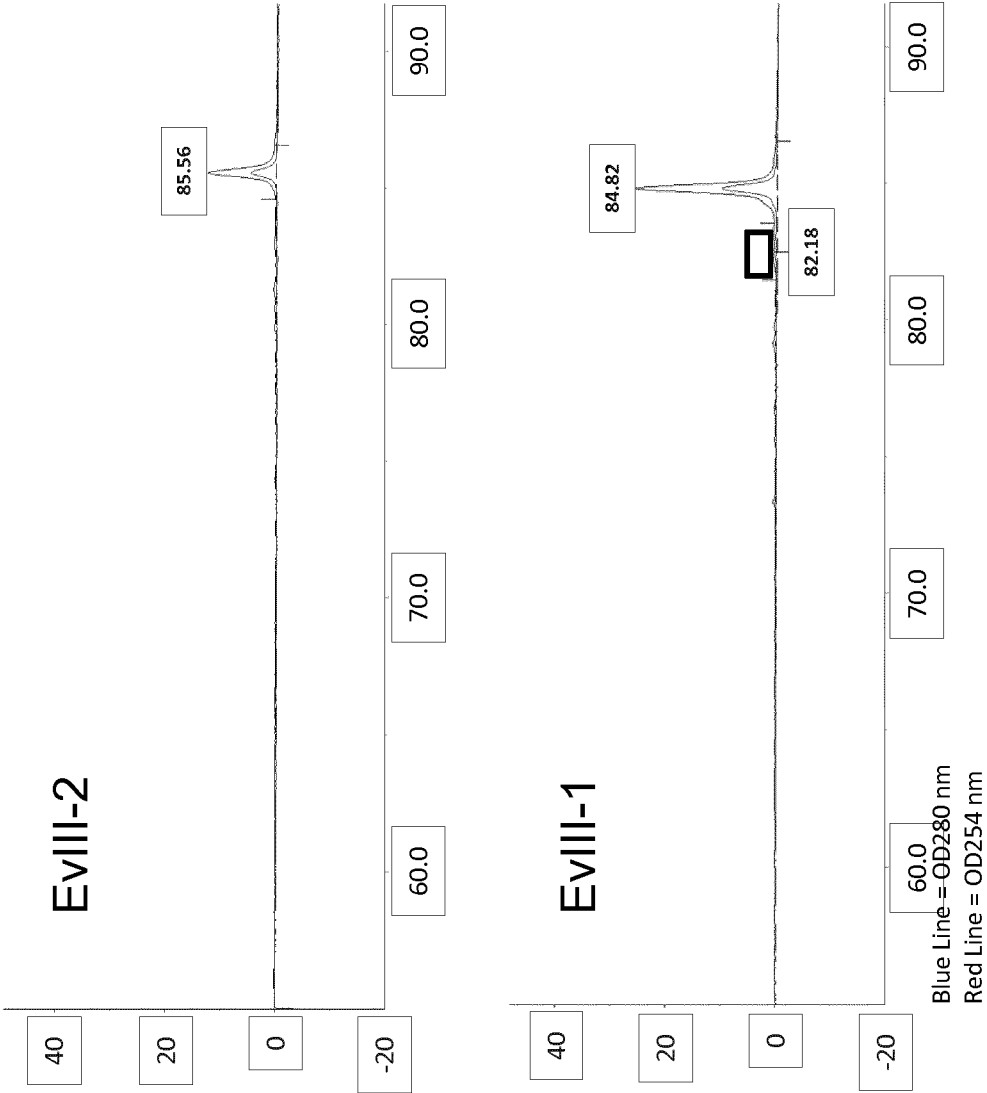


Figure 11



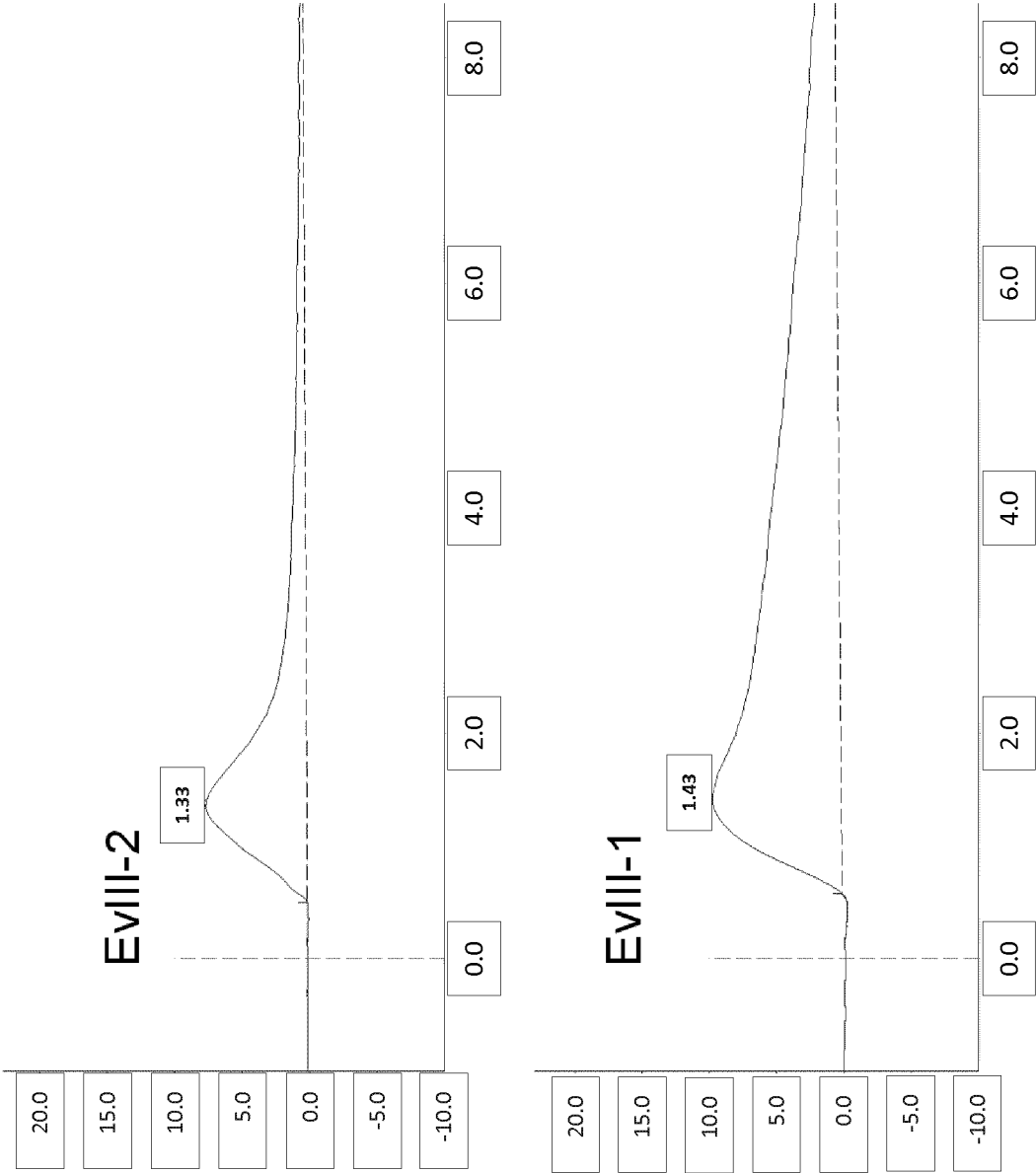
	EC ₅₀ [pg/mL]		Plasma to Control ratio
	w/ Plasma	w/o Plasma	(EC ₅₀ Plasma/EC ₅₀ Control)
EvIII-2	594	315	1.89
EvIII-1	586	783	0.75

Figure 12



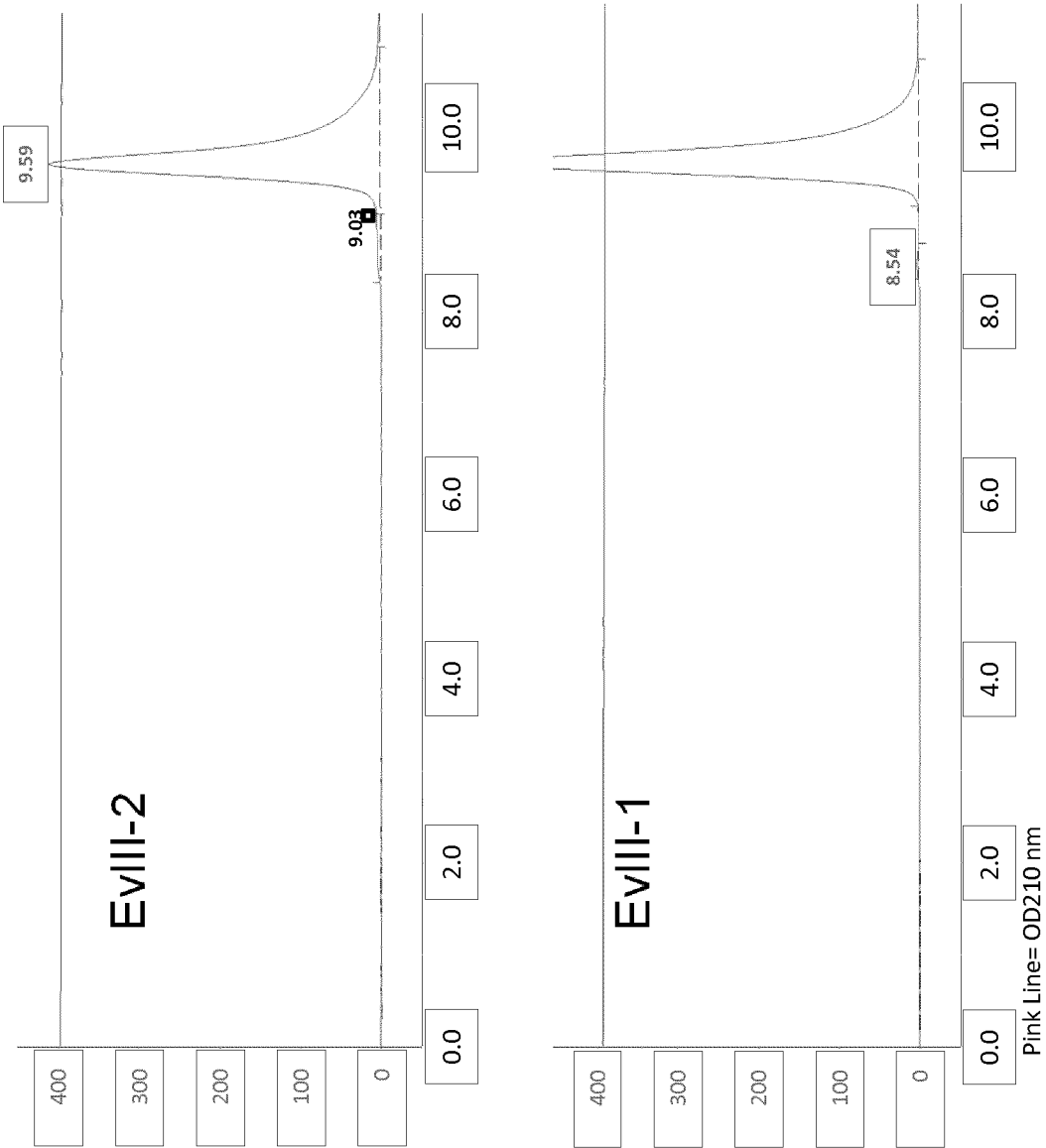
EGFRvIII BiTE	AUC of Main Peak [%]
EvIII-2	100
EvIII-1	96,4

Figure 13



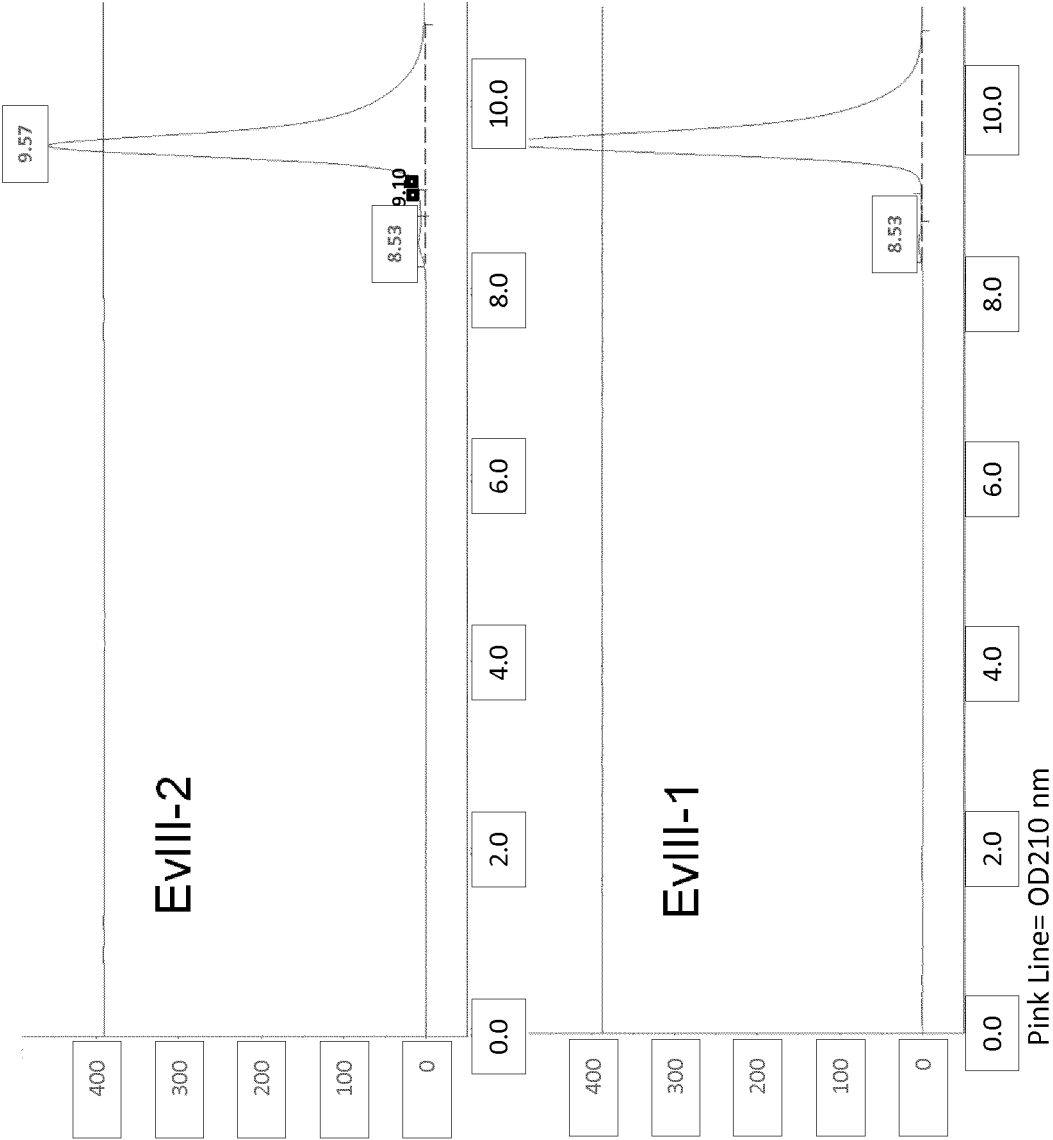
EGFRvIII BiTE	HIC Octyl Elution behavior
EvIII-2	3
EvIII-1	3

Figure 14

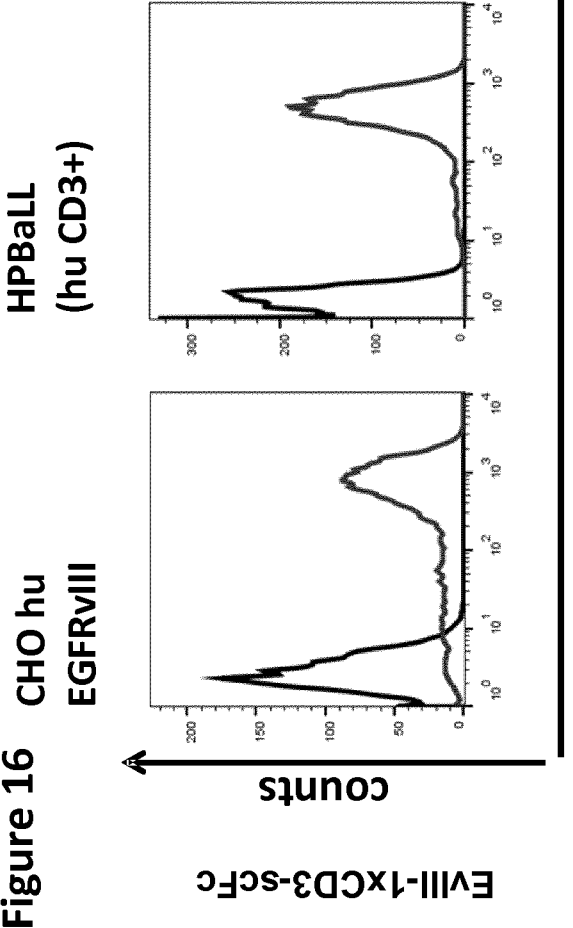


EGFRvIII BiTE	BiTE dimer [%]
EvIII-2	1.56
EvIII-1	0.26

Figure 15



EGFRvIII BITE	BiTE dimer [%]
EvIII-2	2.53
EvIII-1	0.59



Relative fluorescence FL2-H

