

rb-IGKV1S2*01

hu-IGKV1-5*01

Consensus

AOVITOTESPVSA

DIQMTQSPSTLSASV

ITQS S LSA Vg

PGGTVTINCOASQSVYDNNWLSWYQKPGQPKLLIYDASKLASGVPSRFS

GVGDRVTITCRASQSISS--WLAWYQKPGKAPKLLIYDASSLFS

VTI C ASQSI

SGSGTOFTLITSGVOCDDAATYYCGSYYSSGWY

GVGDRVTITCRASQSISS--WLAWYQKPGKAPKLLIYDASSLFS

VTI C ASQSI

(SEQ ID NO:403)

(SEQ ID NO:404)

rb-IGKC1*01

hu-IGKC*01

Consensus

-DPVAPTVLIRPPAADQVATGTVTIVGVANKYFP-DVTVTWEVDGTTOTTGIENSKTPONSADCTYNLSSTLTITSTQYN

RTVAAPSVFIFPPSDEQLKSGTASVGVCLLNNFYFREAKVQWKVDNALQSGNSQESVTEQDSKDS

APSV IFPPA DQL SGT SIYGL N FFP D V W VD QS S T Q S D TY LSSTLTIS Y HK Y C VT SS V SFNRGDC

SHKEYTCKVTQG-TTSVVQSFNRGDC

STYLSSTLTISKADYKHKVYACEVTHQGLSFPVTKSFNRGEC

Y HK Y C VT SS V SFNRGDC

(SEQ ID NO:405)

(SEQ ID NO:406)

FIG. 1

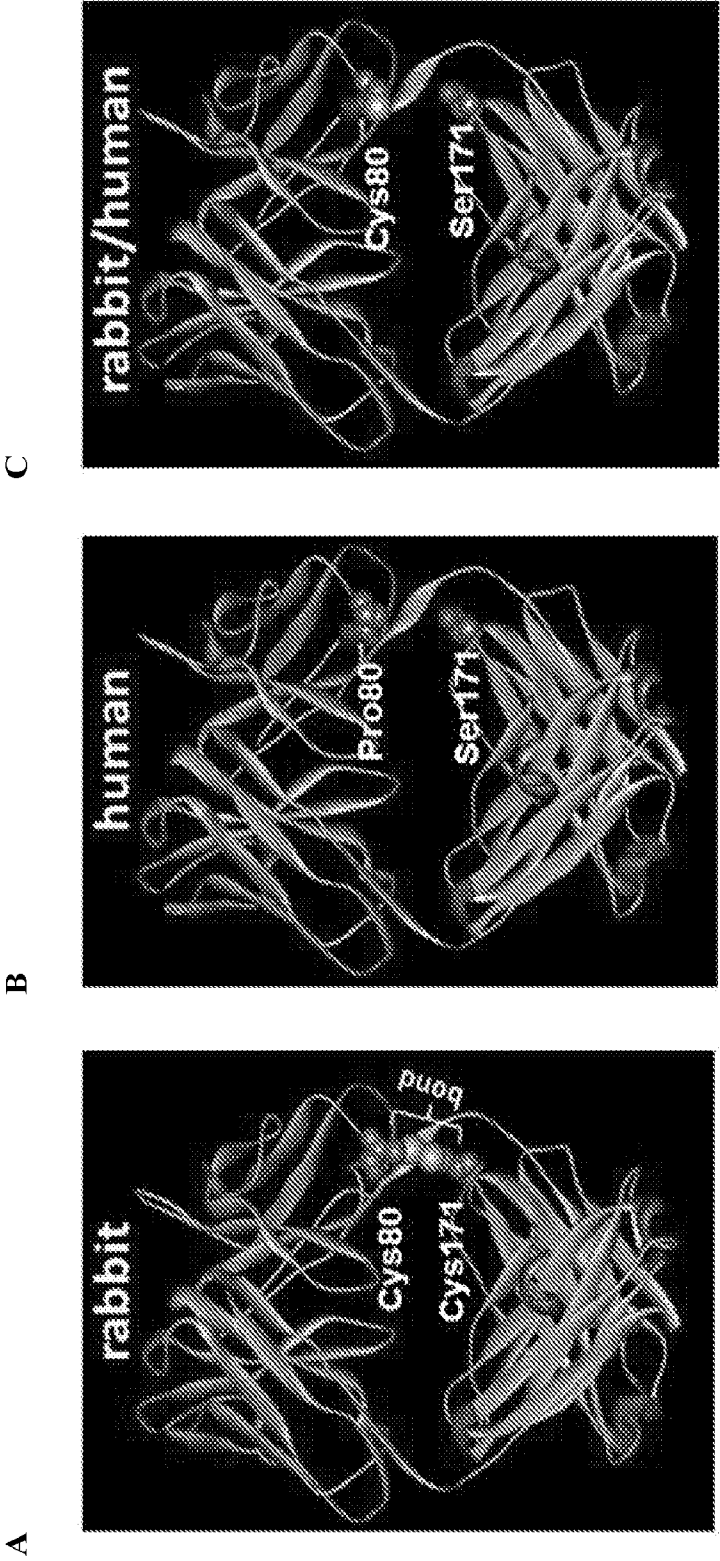
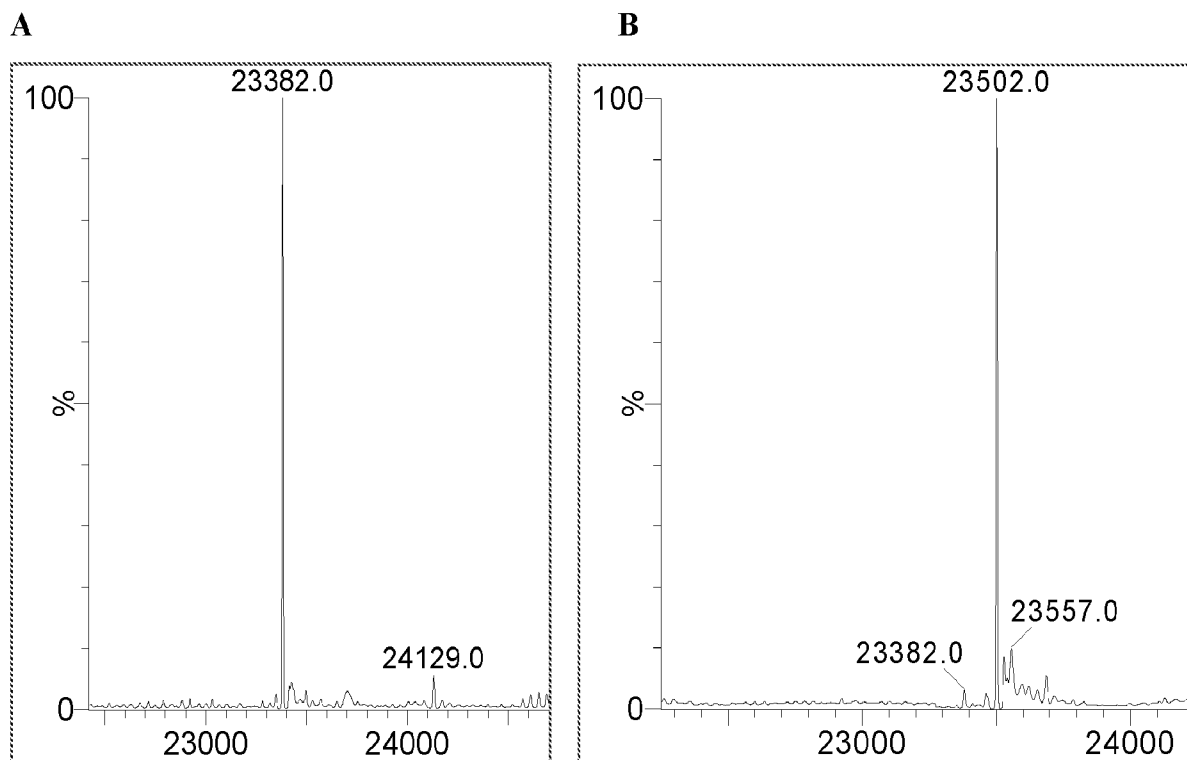


FIG. 2

SUBSTITUTE SHEET (RULE 26)

FIG. 4



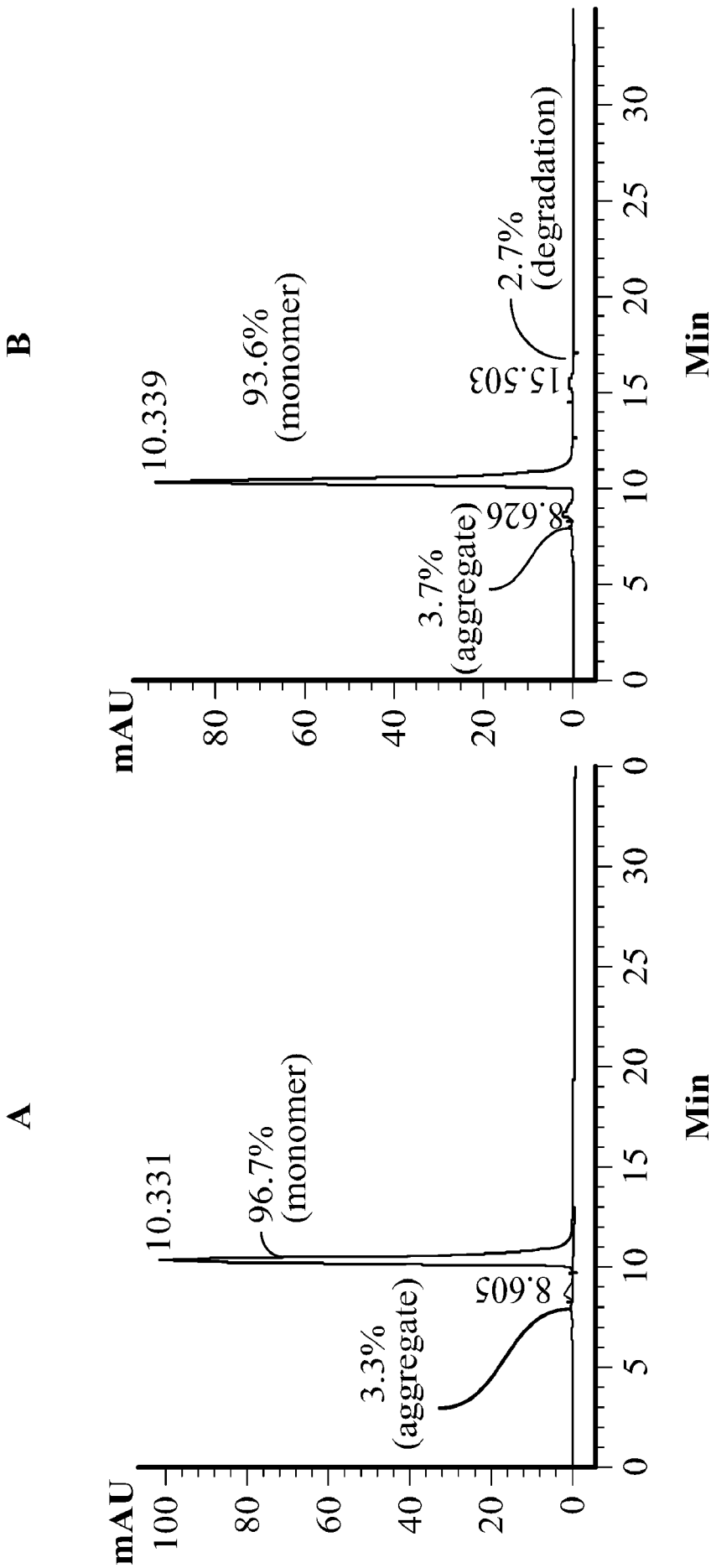


FIG. 5

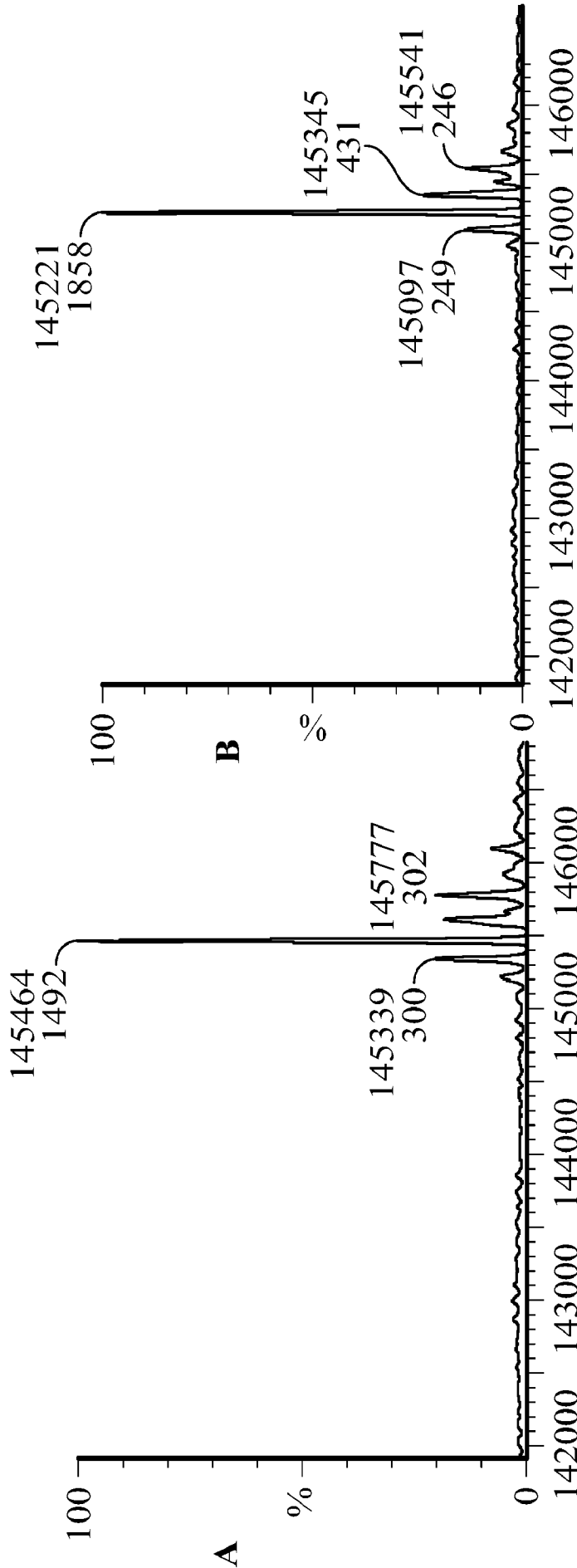


FIG. 6

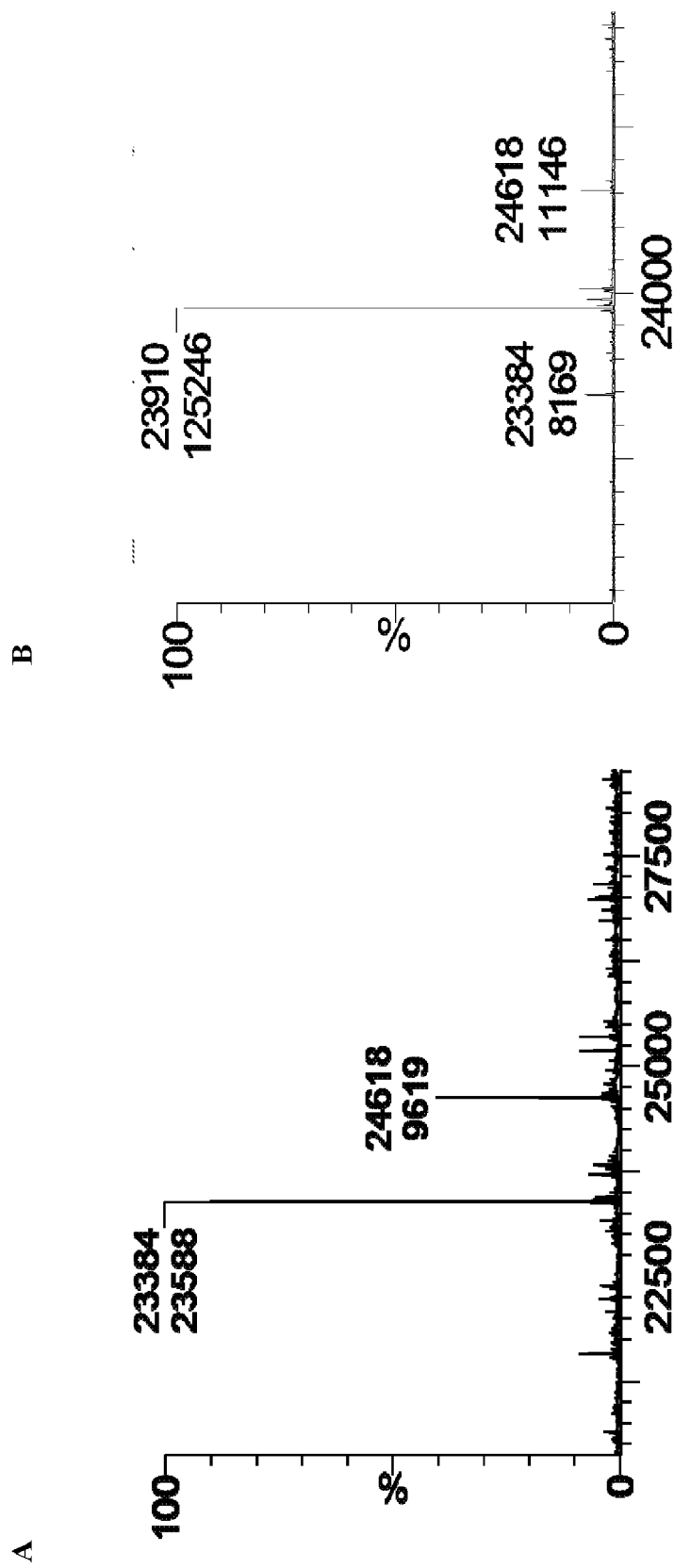


FIG. 7

155D5-VH	<-----FWR1----->	<---CDR1--->	<-----FWR2----->	<-----CDR2----->	<-----FWR3----->	(SEQ ID NO: 476)
	-QSVKESGGRIVTPTGTLTITCTVSGFSIN	SYAMI	WVRQAPGEGLEYIG	FITT--GGTTYASMAKG	RFTISR--TSTVYDLKLTPTPTEDTATYFCAR	(SEQ ID NO: 477)
IGHV3-64*04	QVQLV...G..Q..GS.R.S.SA...	...H	...K...VS	A.SSN--...S....DSV..	...DNSKN.IY.QMNSLRA....V.Y..	(SEQ ID NO: 478)
IGHV3-49*04	-----G..Q..RS.R.S.A...TFG	D...S	...K...WV.	..PSKAY...E...ASV..	...DSDKSIAY.QMNSLK....V.Y.T.	(SEQ ID NO: 479)
IGHV3-64*01	-----G..Q..GS.R.S.SA...TFS	...H	...K...VS	A.SSN--...S....NSV..	...DNSKN.IY.QMGSIARA..N.V.Y...	
155D5-VL	<-----FWR1----->	<---CDR1--->	<-----FWR2----->	<-----CDR2>	<-----FWR3----->	(SEQ ID NO: 480)
	ELVMTQTPSSVSAAVGGTVTINC	QASQISSYLA	WYQOKPGQPPKLLIY	YASTIAS	GVPSRFKSGSGTFTLTITGVQCDDAATYYC	(SEQ ID NO: 481)
IGKV1-5*03	DIQ...S..TL..S..DR...T.	R.....W..	...KA.....	K..S.E.	...SSL.P..F.....	(SEQ ID NO: 482)
IGKV1-5*01	DIQ...S..TL..S..DR...T.	R.....W..	...KA.....	D..S.E.	...SSL.P..F.....	(SEQ ID NO: 483)
IGKV1-8*01	---S...S...F..ST.DR...T.	R...G.....	...KA.....	A....Q.	...SCL.SE.F.....	

FIG. 8

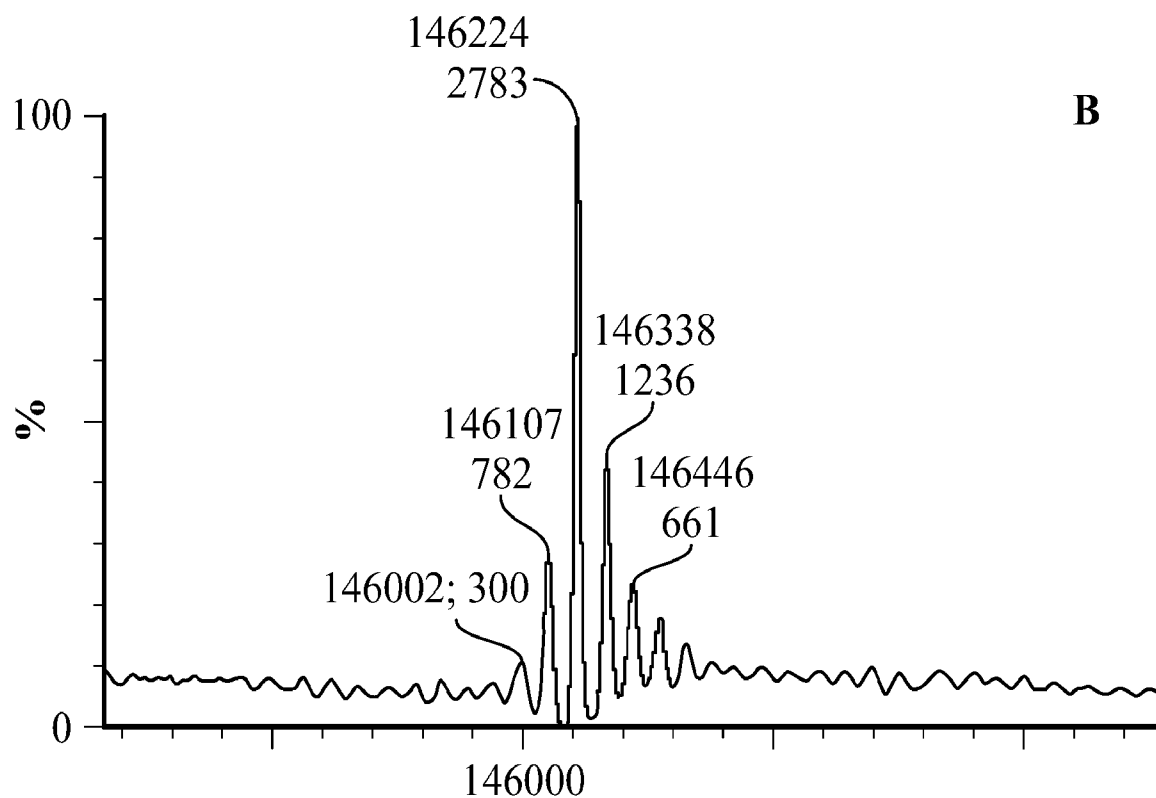
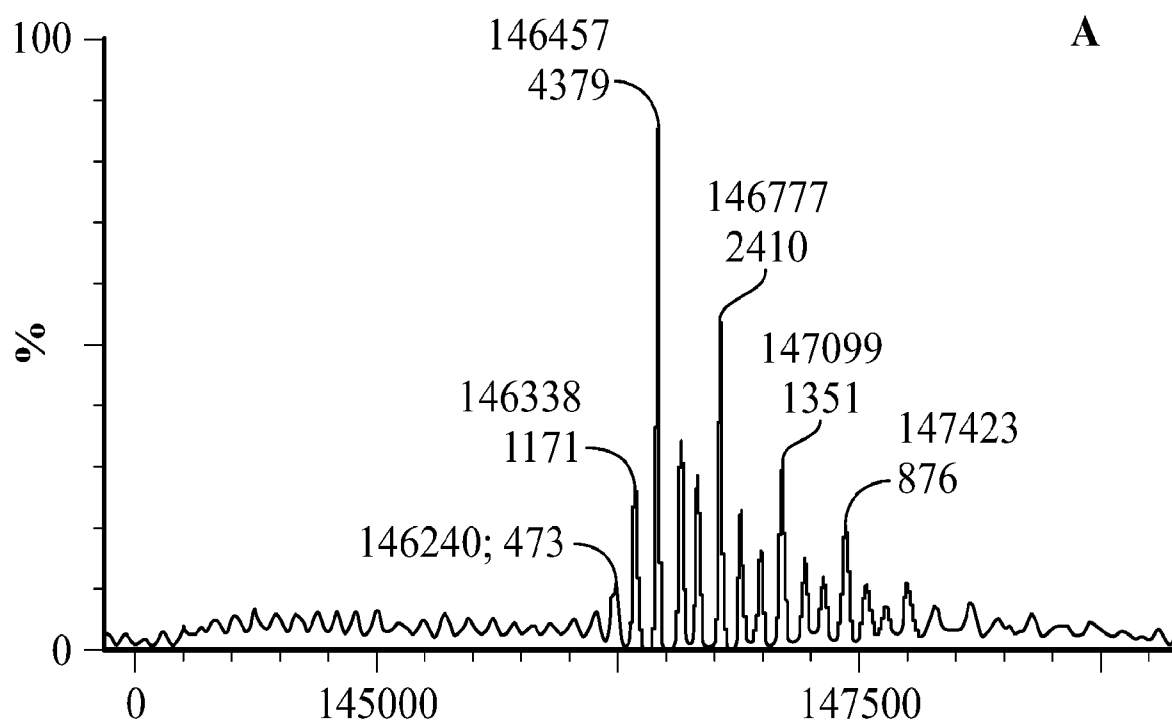


FIG. 9

FIG. 10

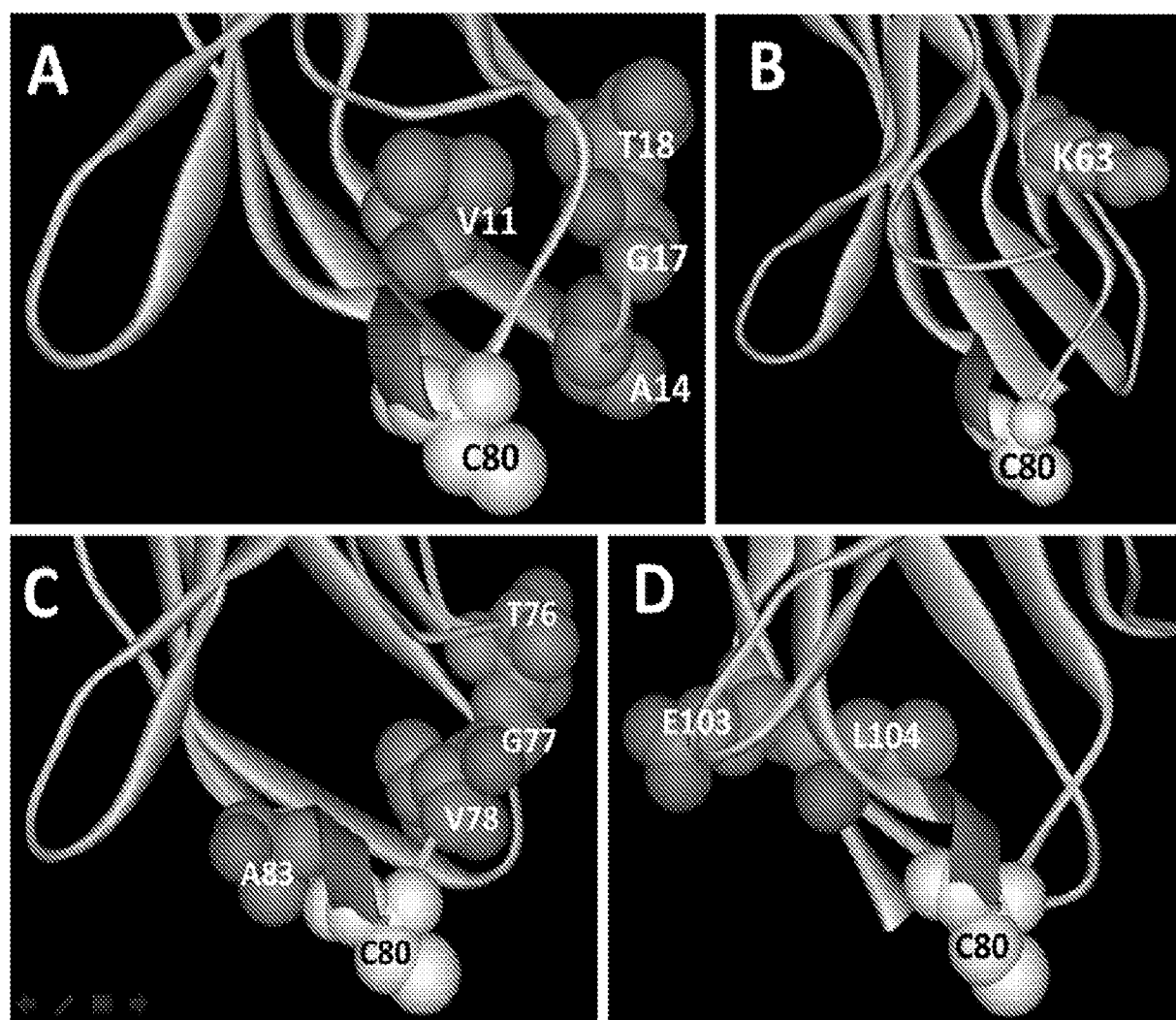
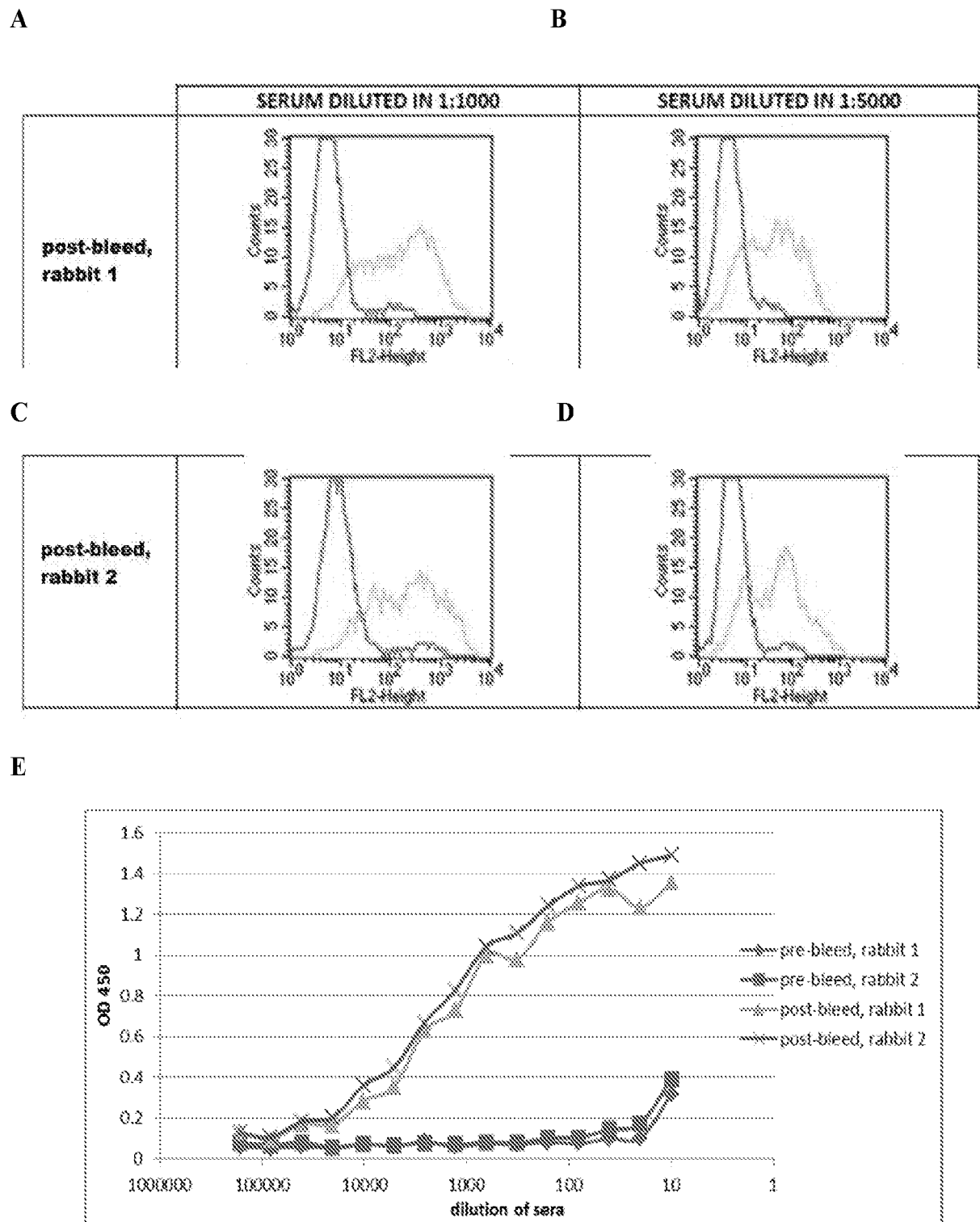


FIG. 11

FIG. 12



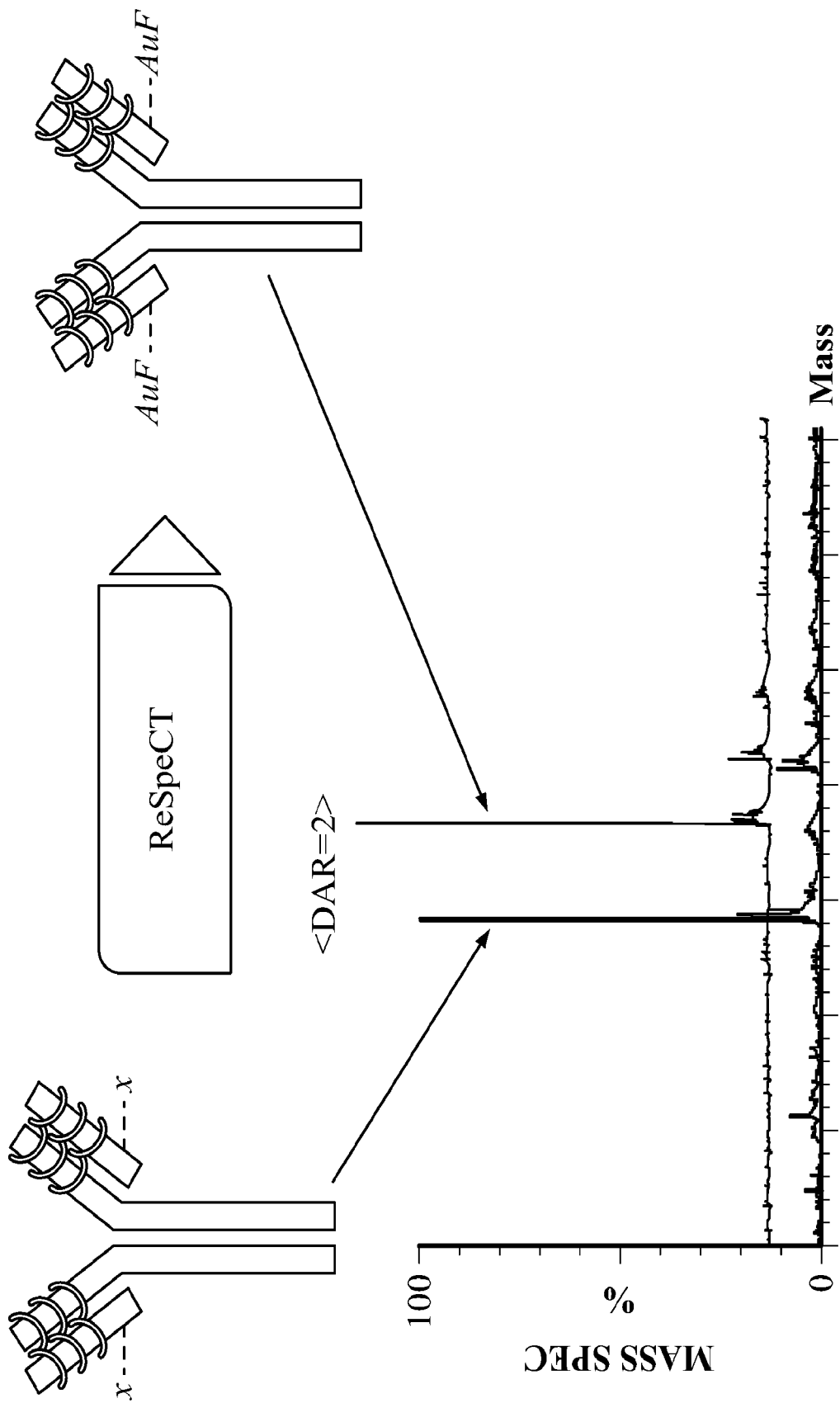
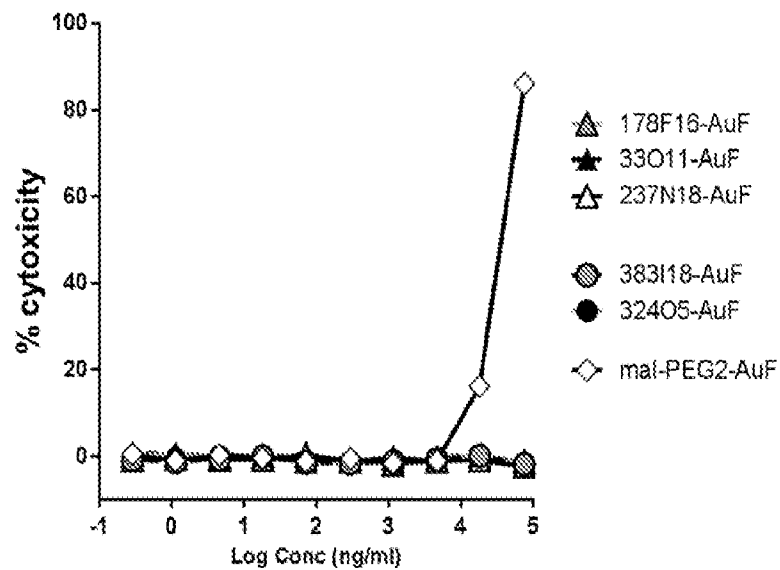


FIG. 13

FIG. 14

A



B

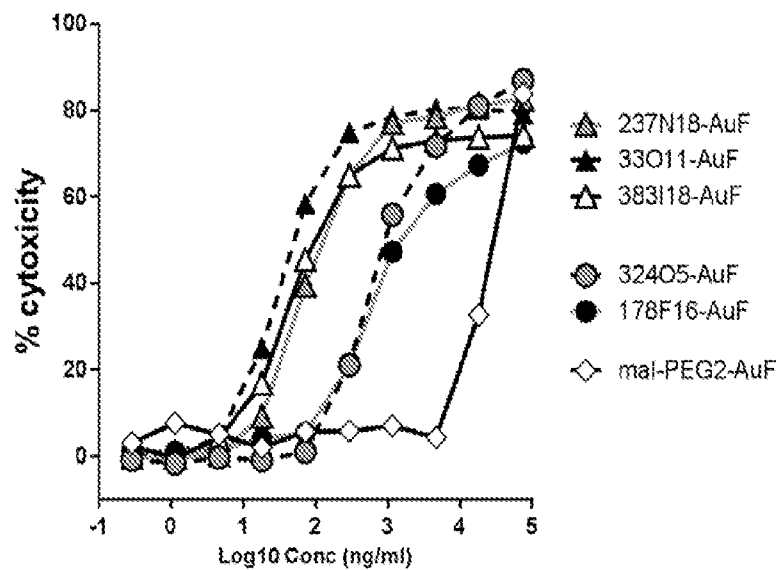


FIG. 15

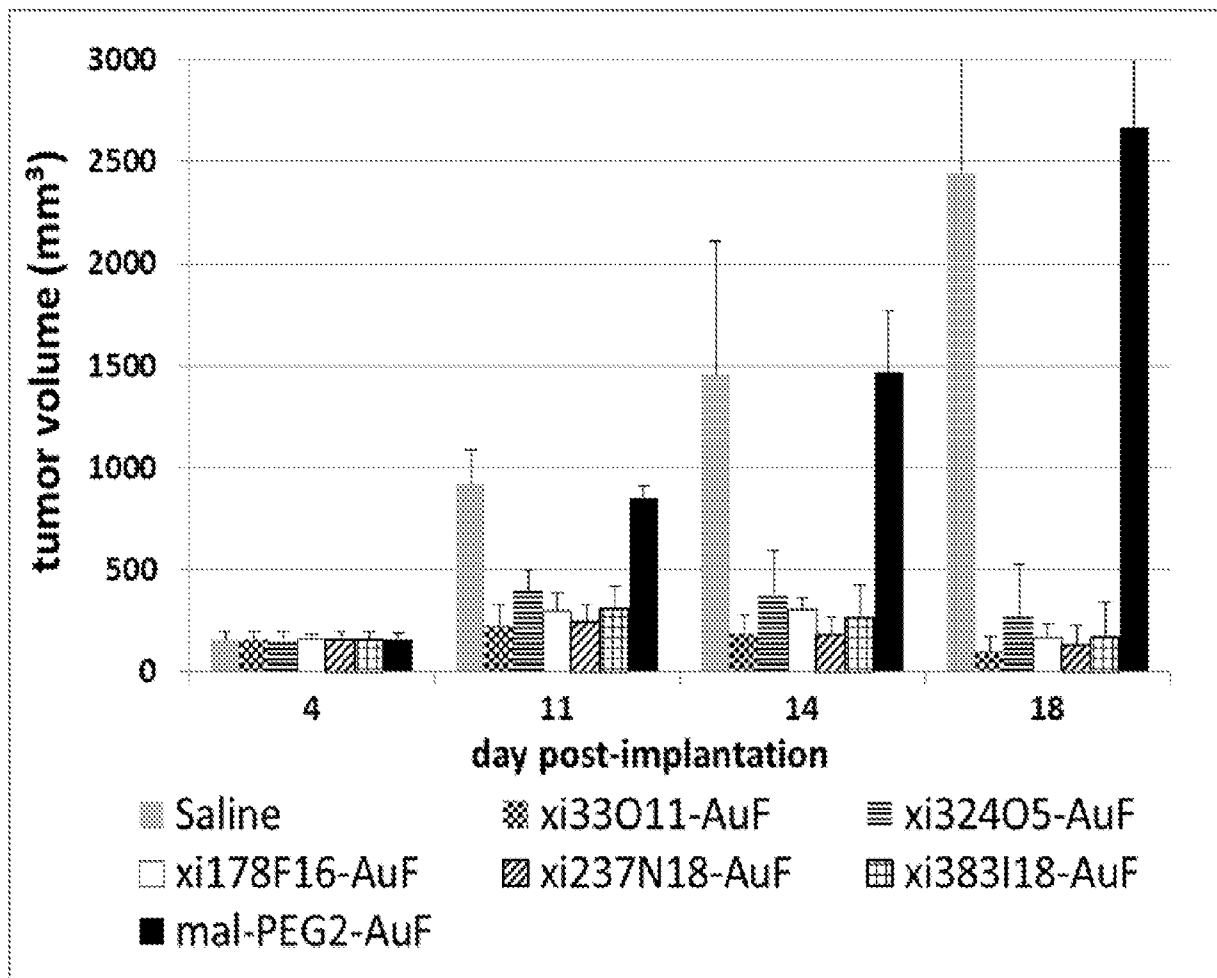
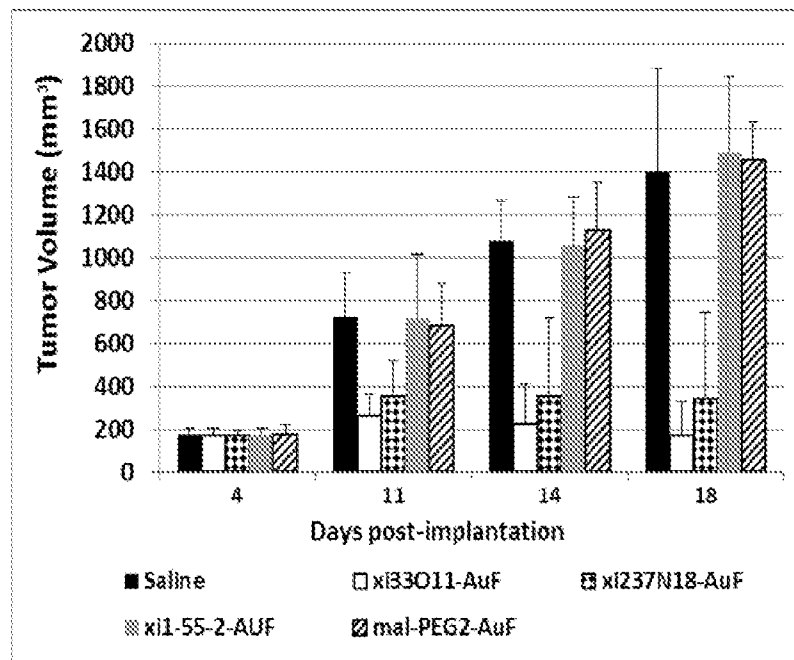
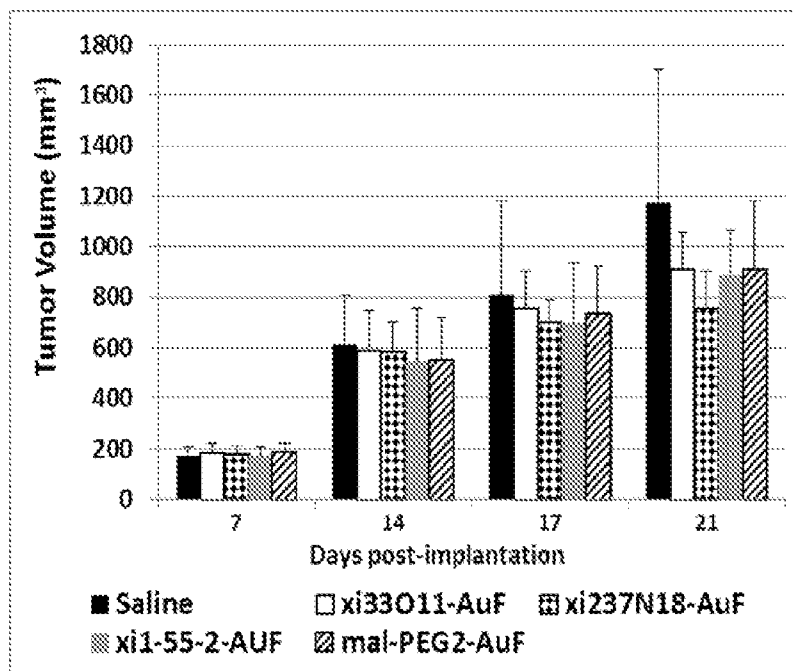


FIG. 16

A



B



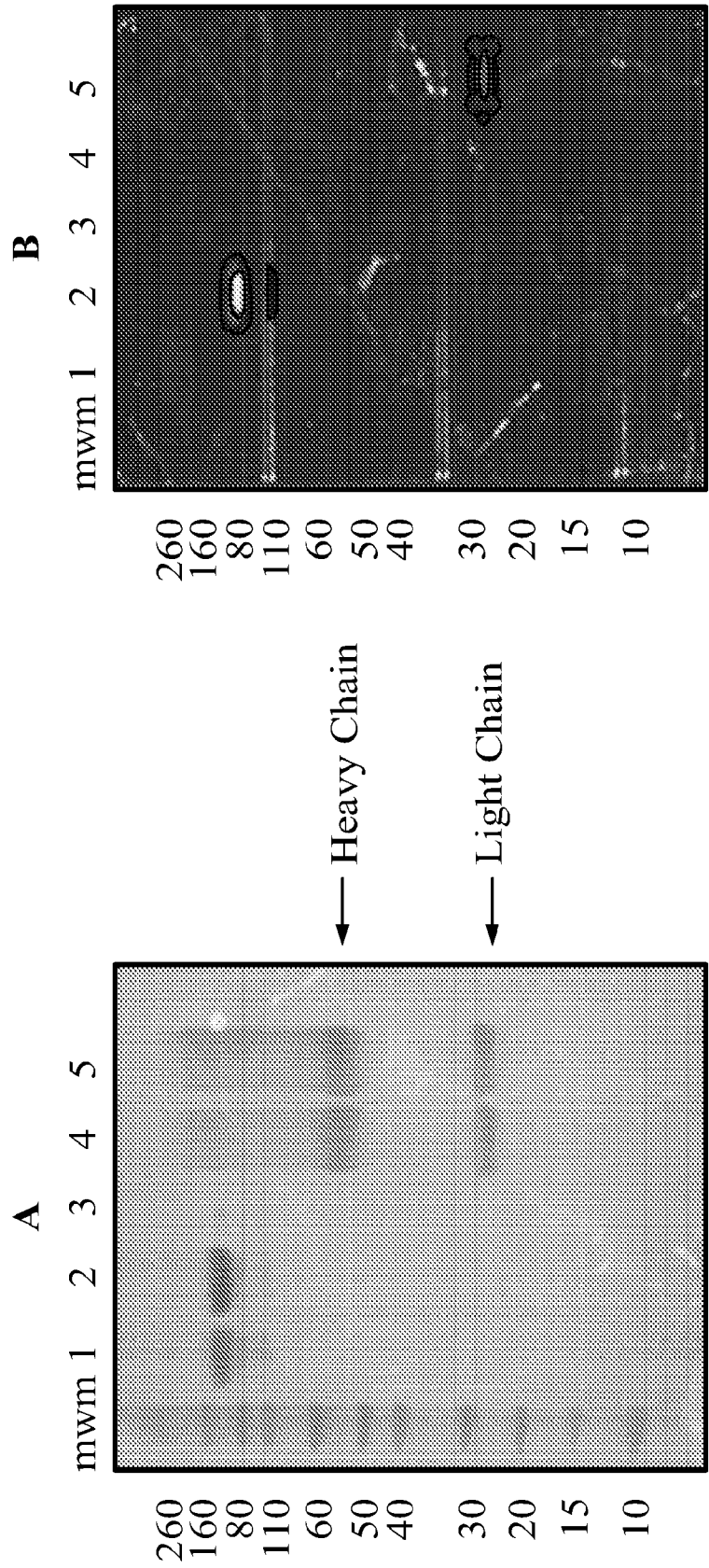
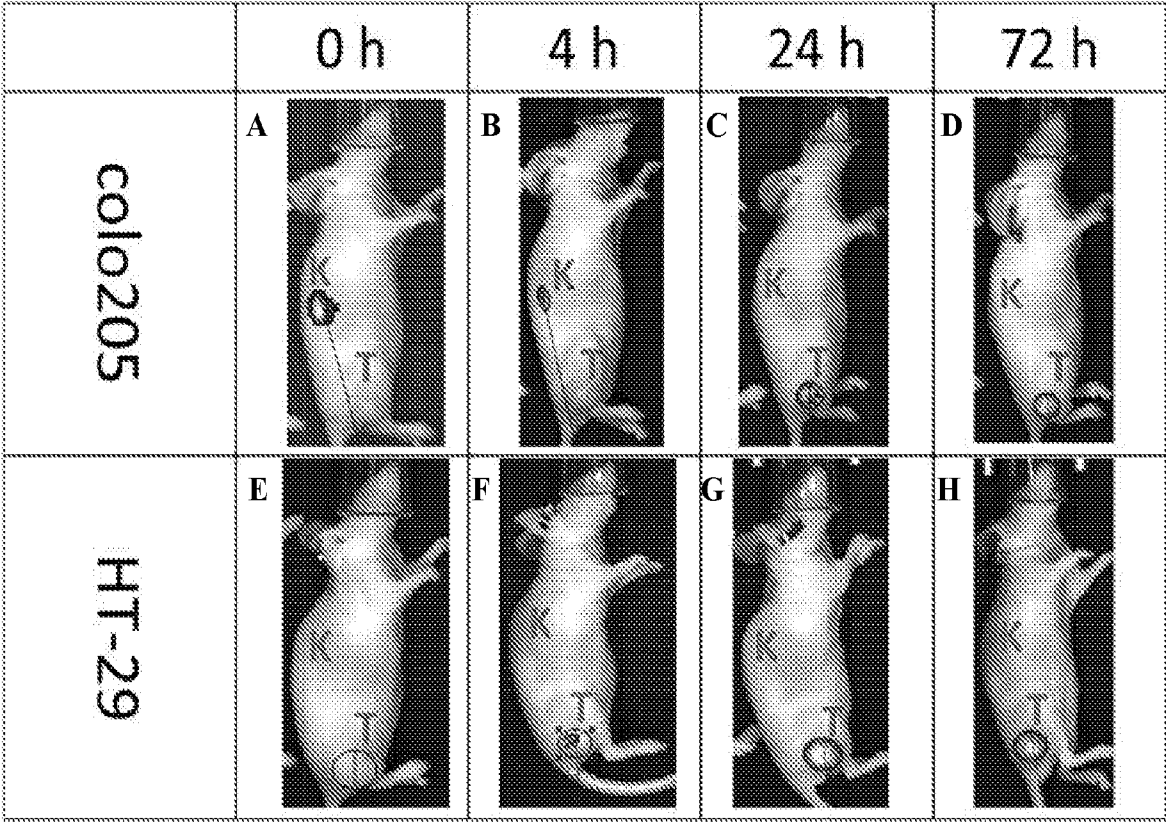


FIG. 17

FIG. 18



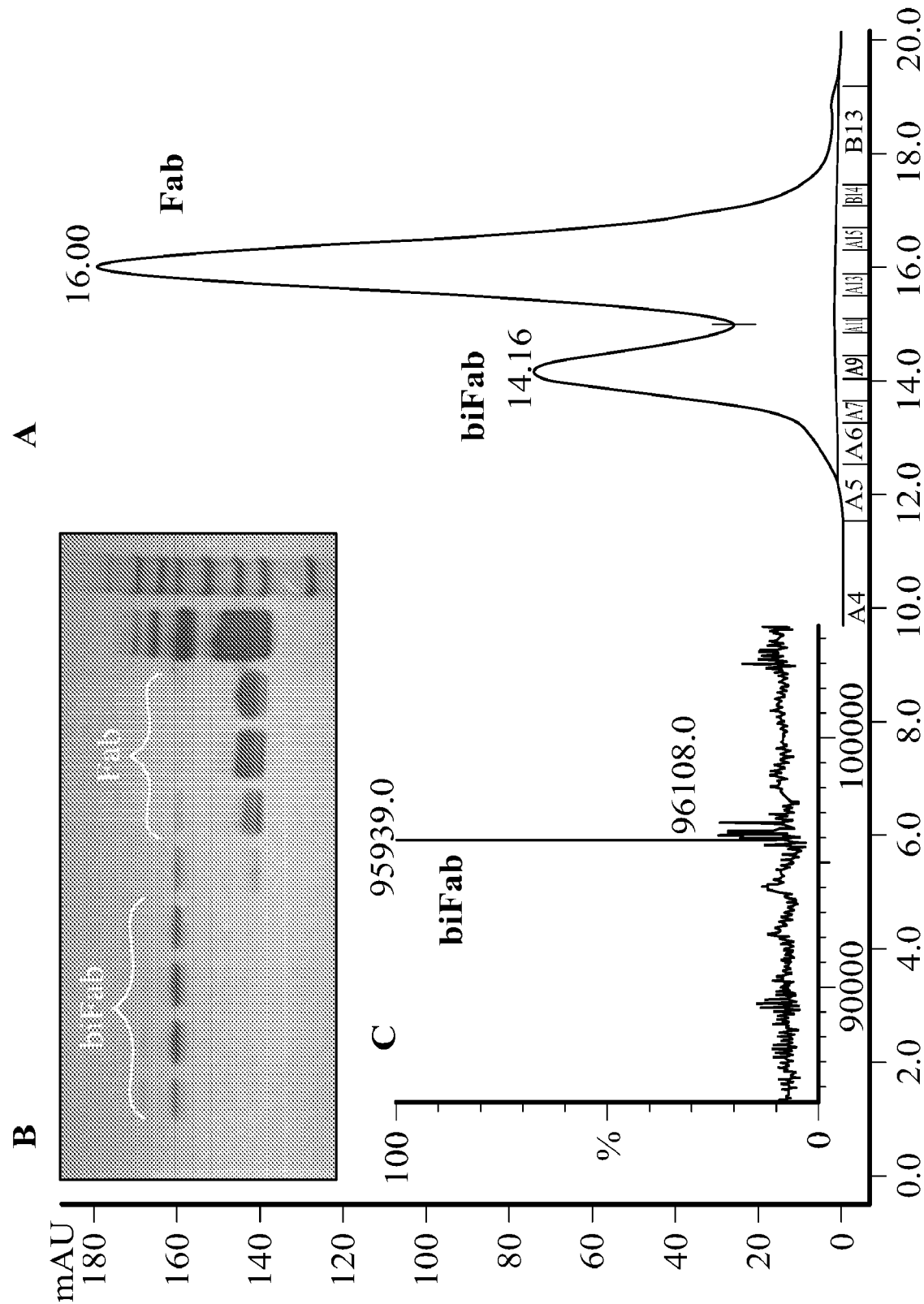


FIG. 19

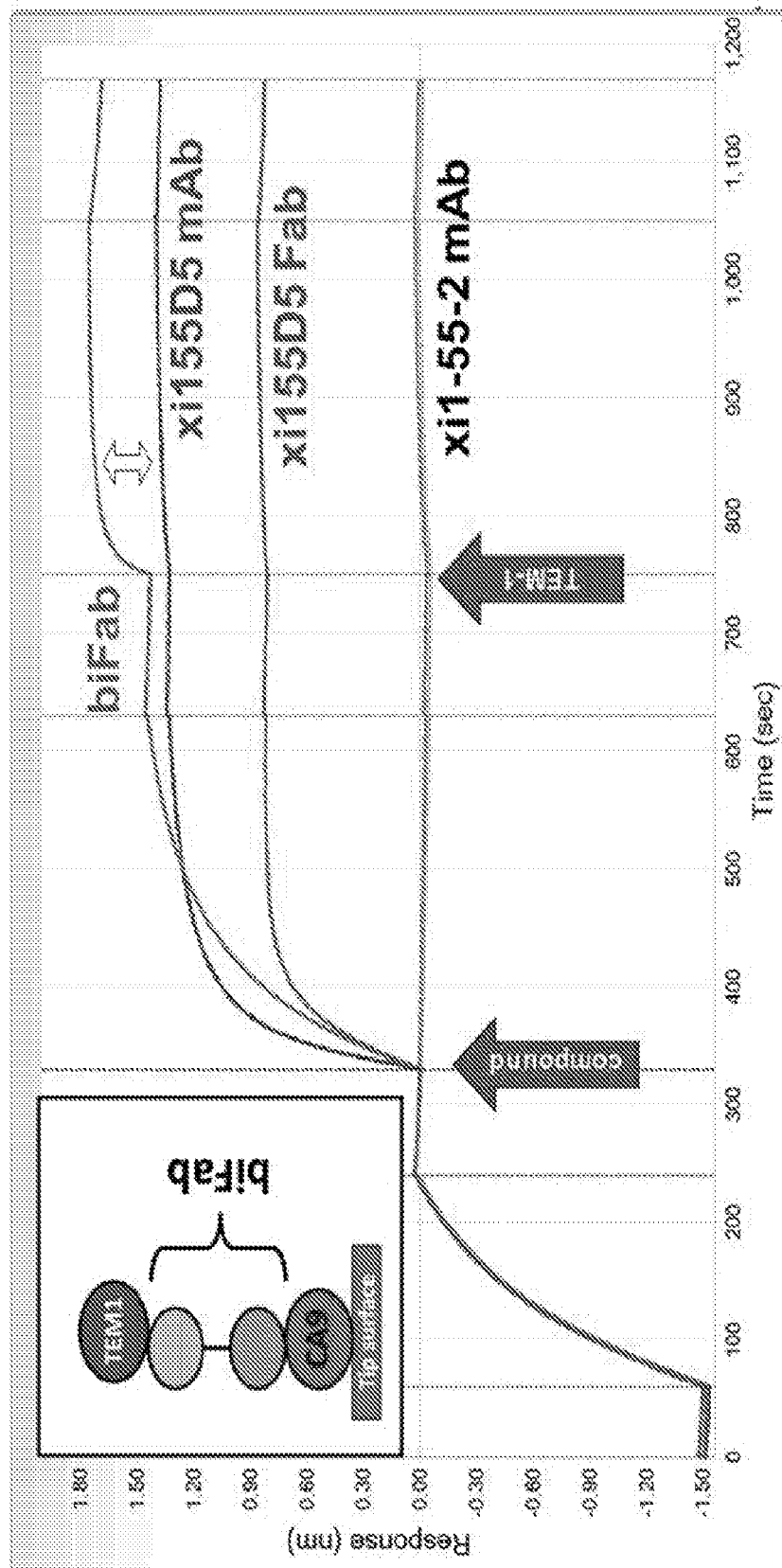
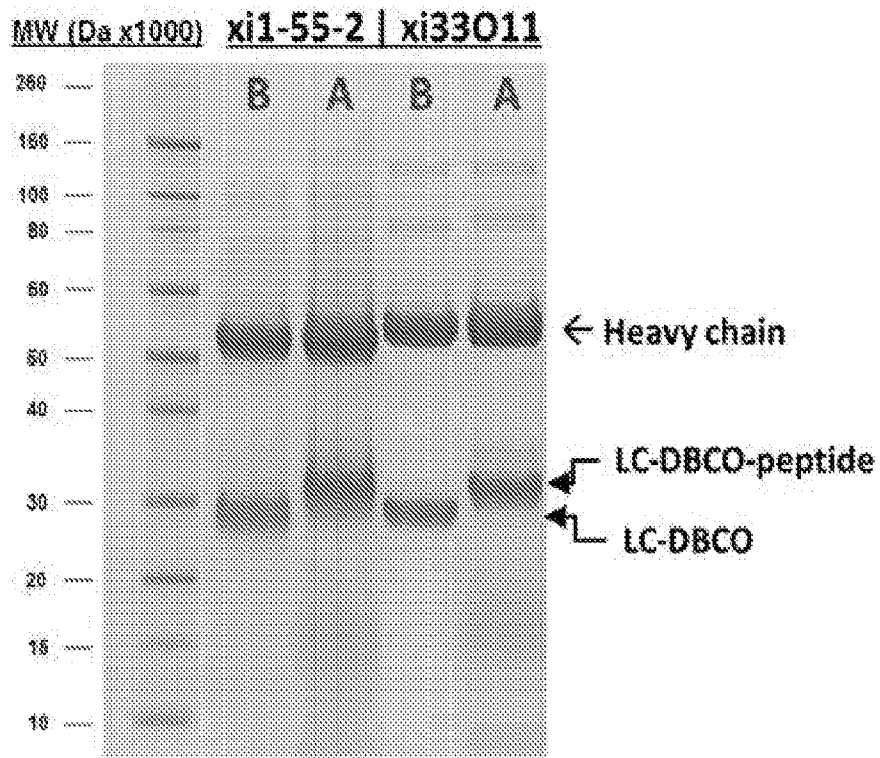


FIG. 20

FIG. 21



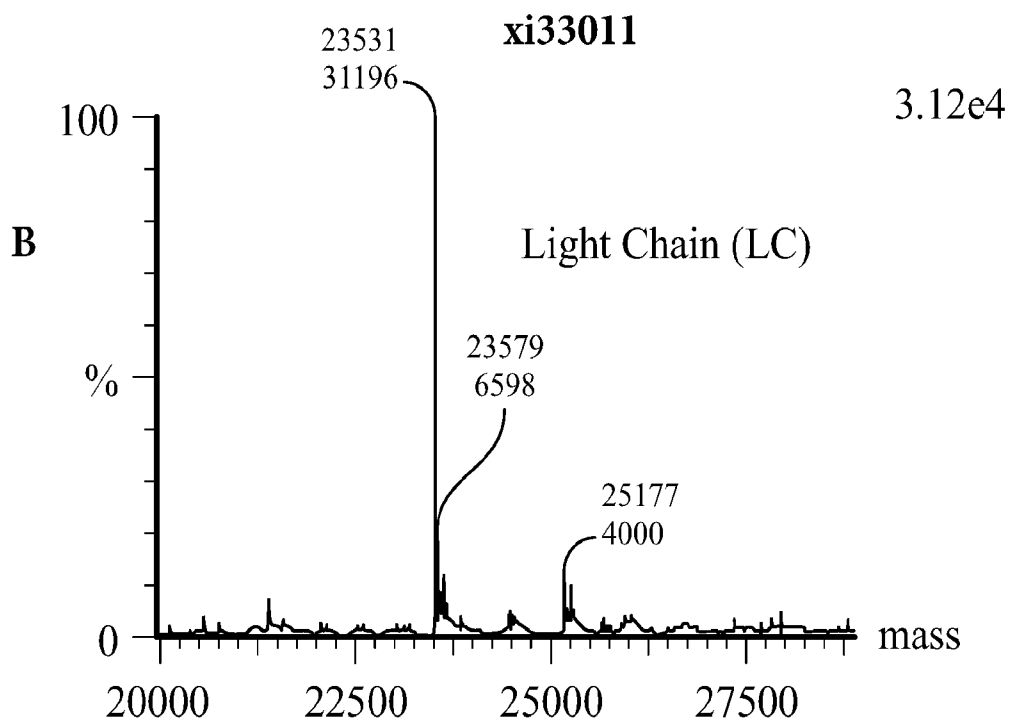
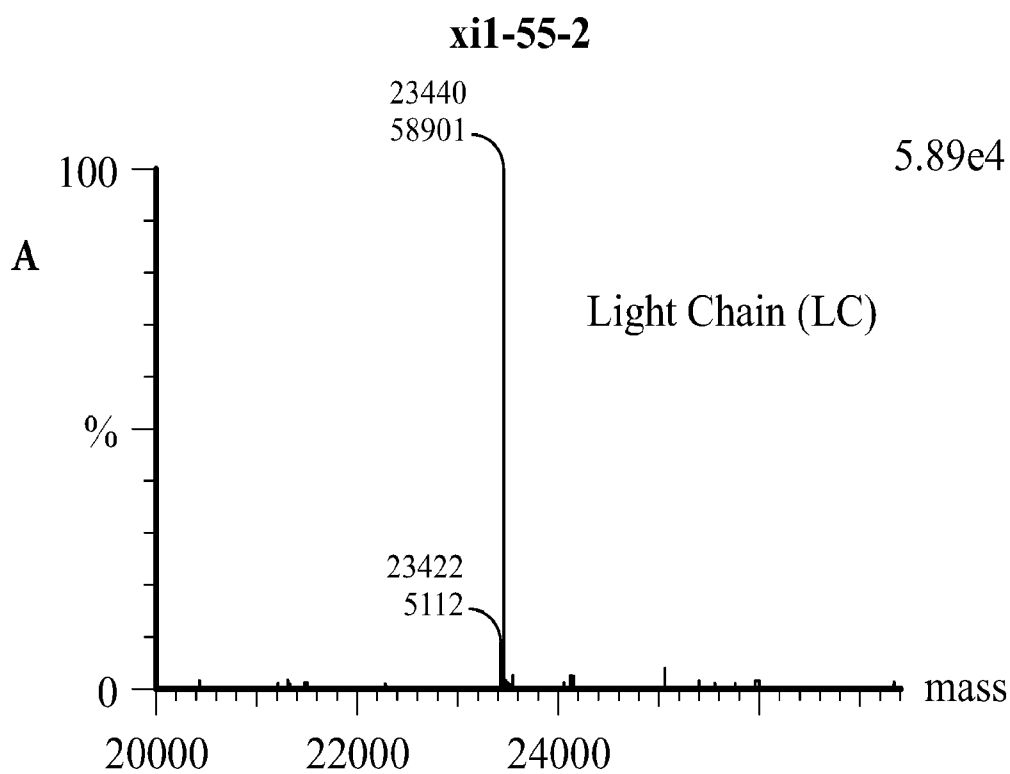


FIG. 22

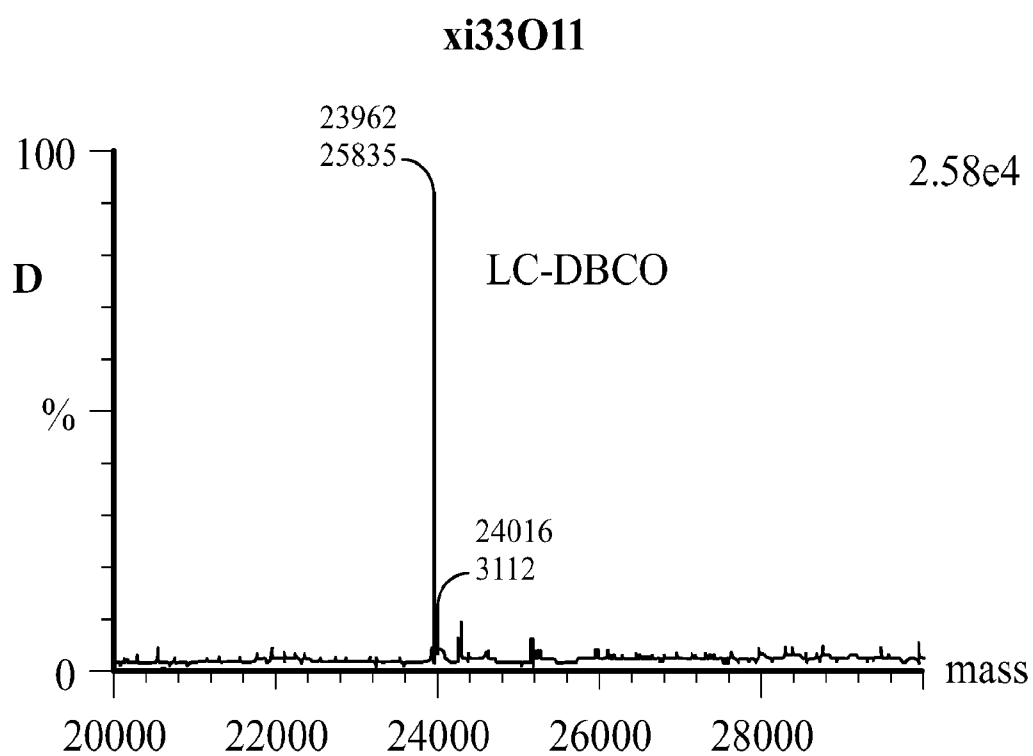
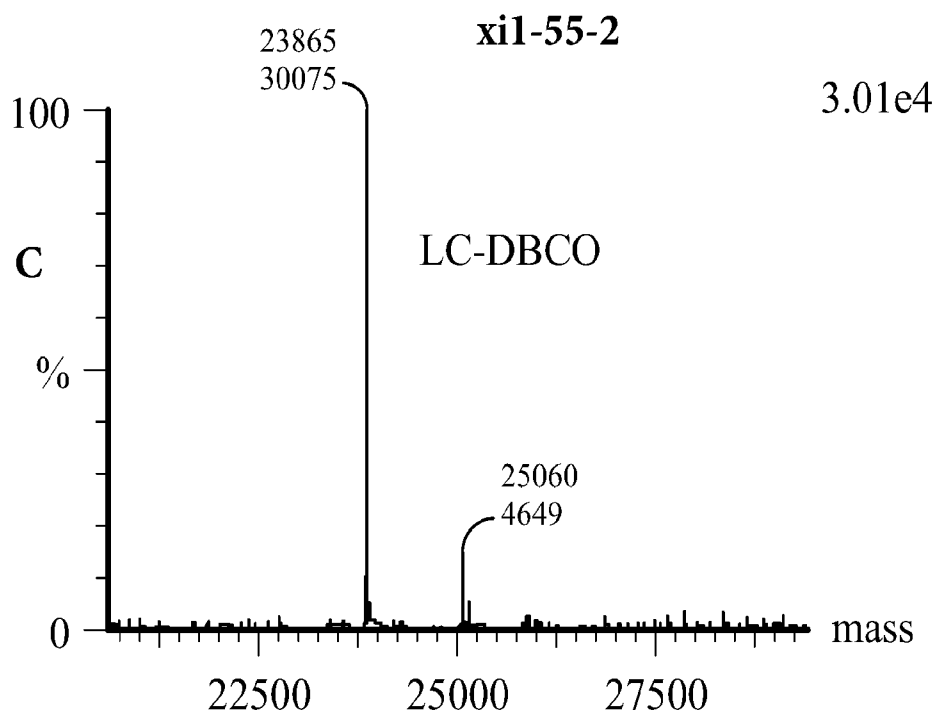


FIG. 22 (Continued)

SUBSTITUTE SHEET (RULE 26)

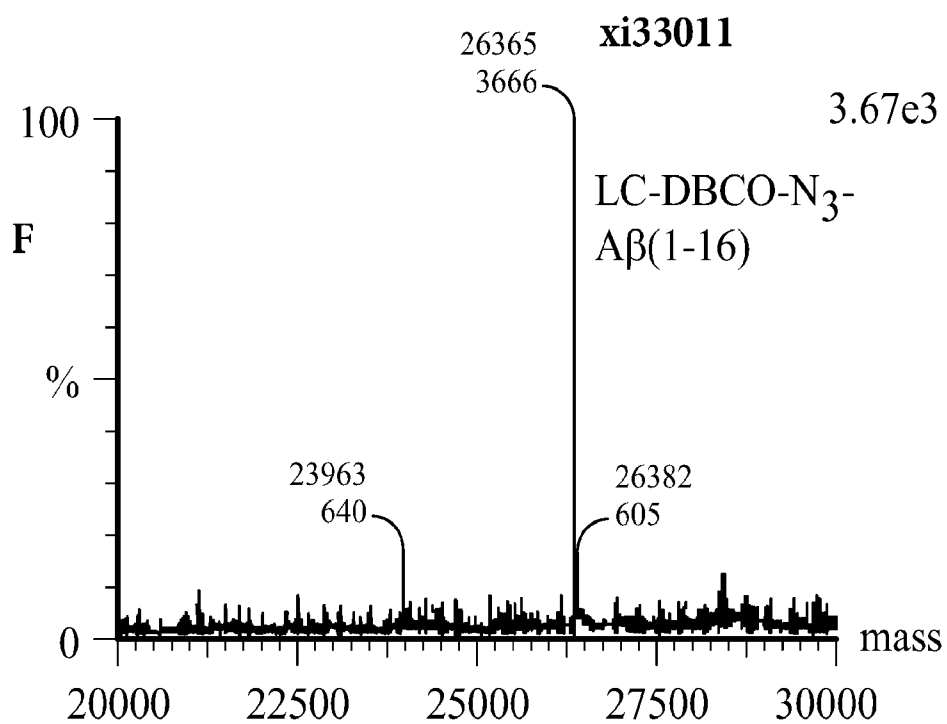
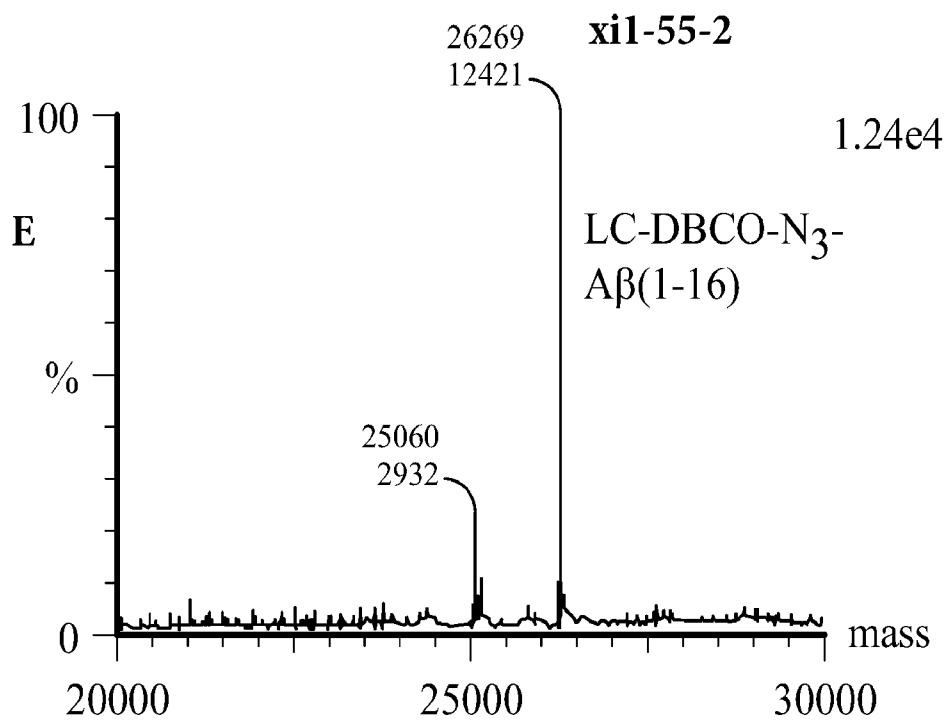


FIG. 22 (Continued)

SUBSTITUTE SHEET (RULE 26)

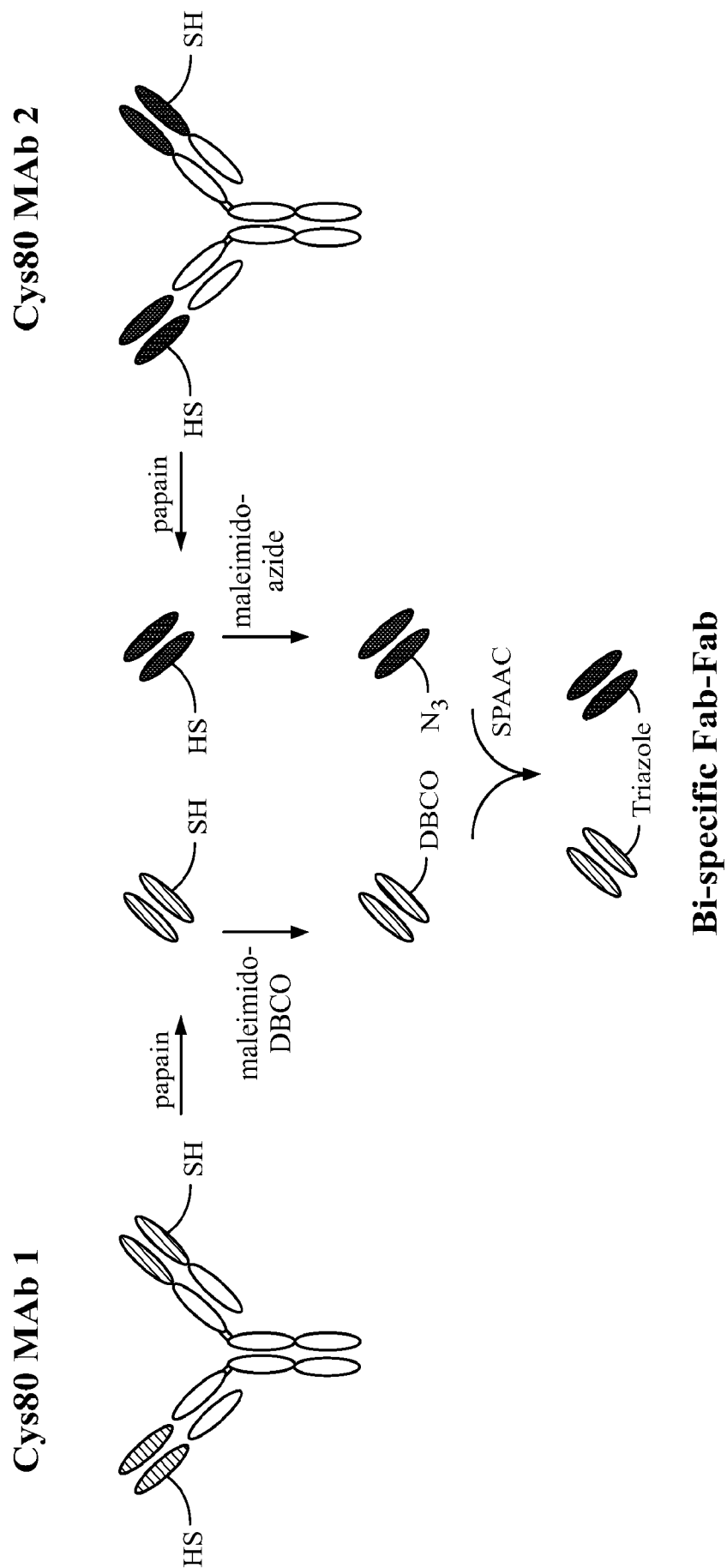


FIG. 23