

FIG. 1A

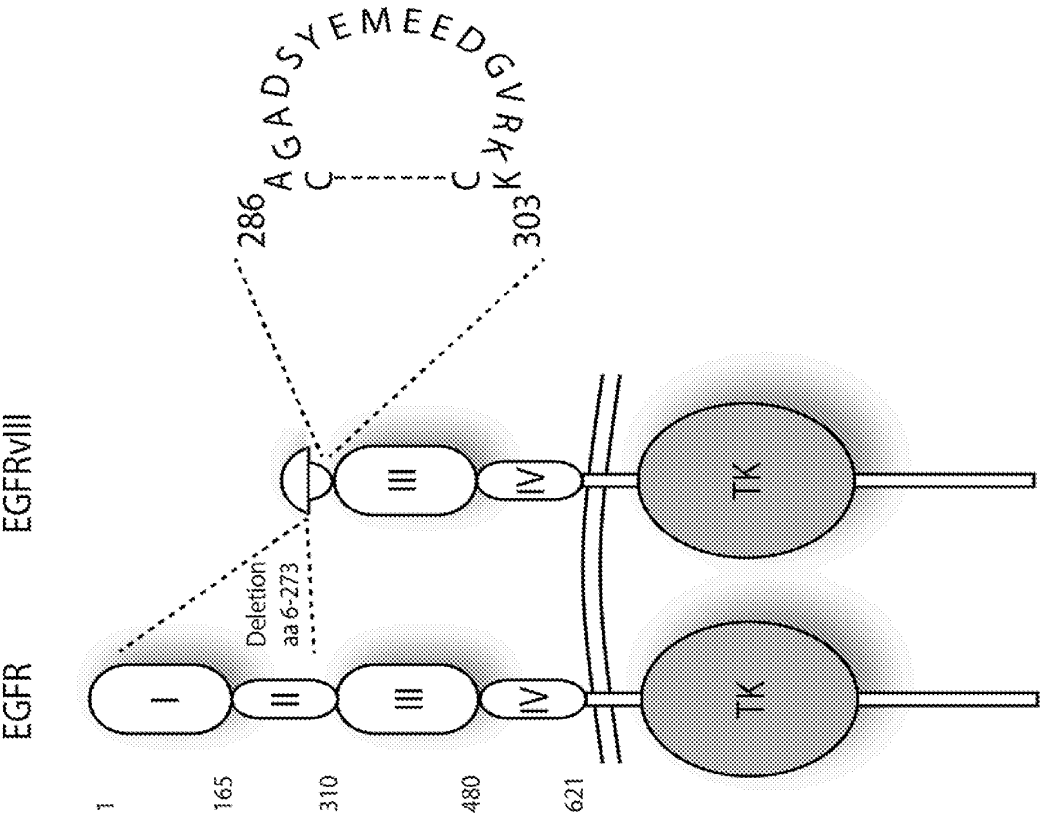
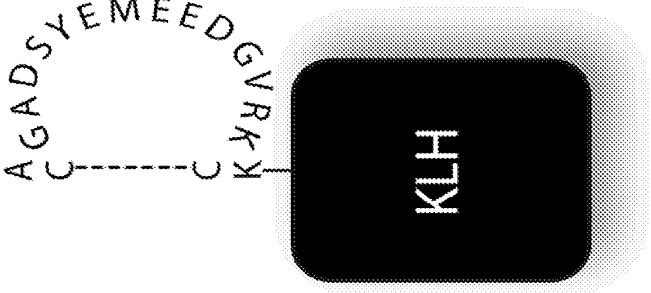


FIG. 1B



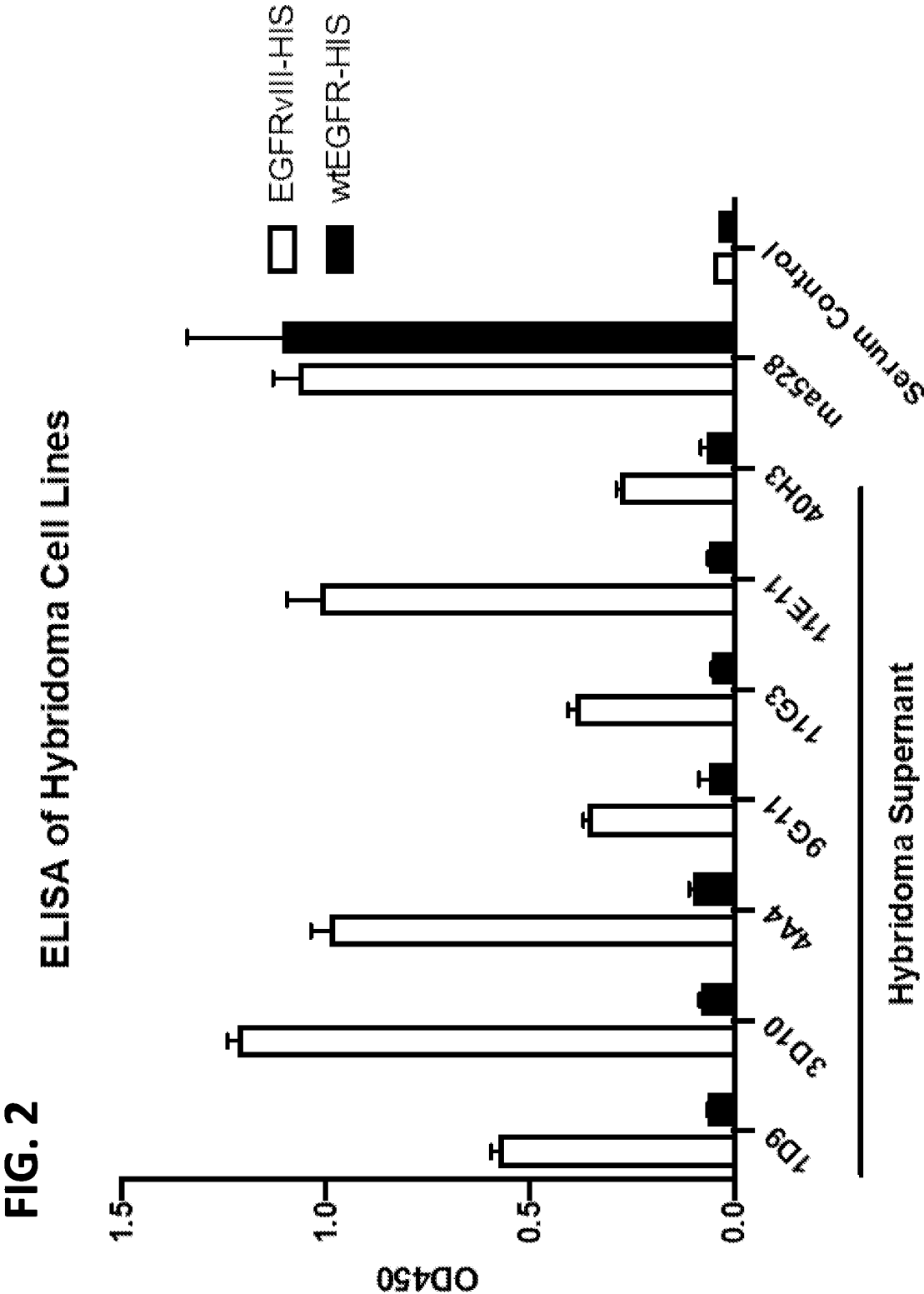


FIG. 3

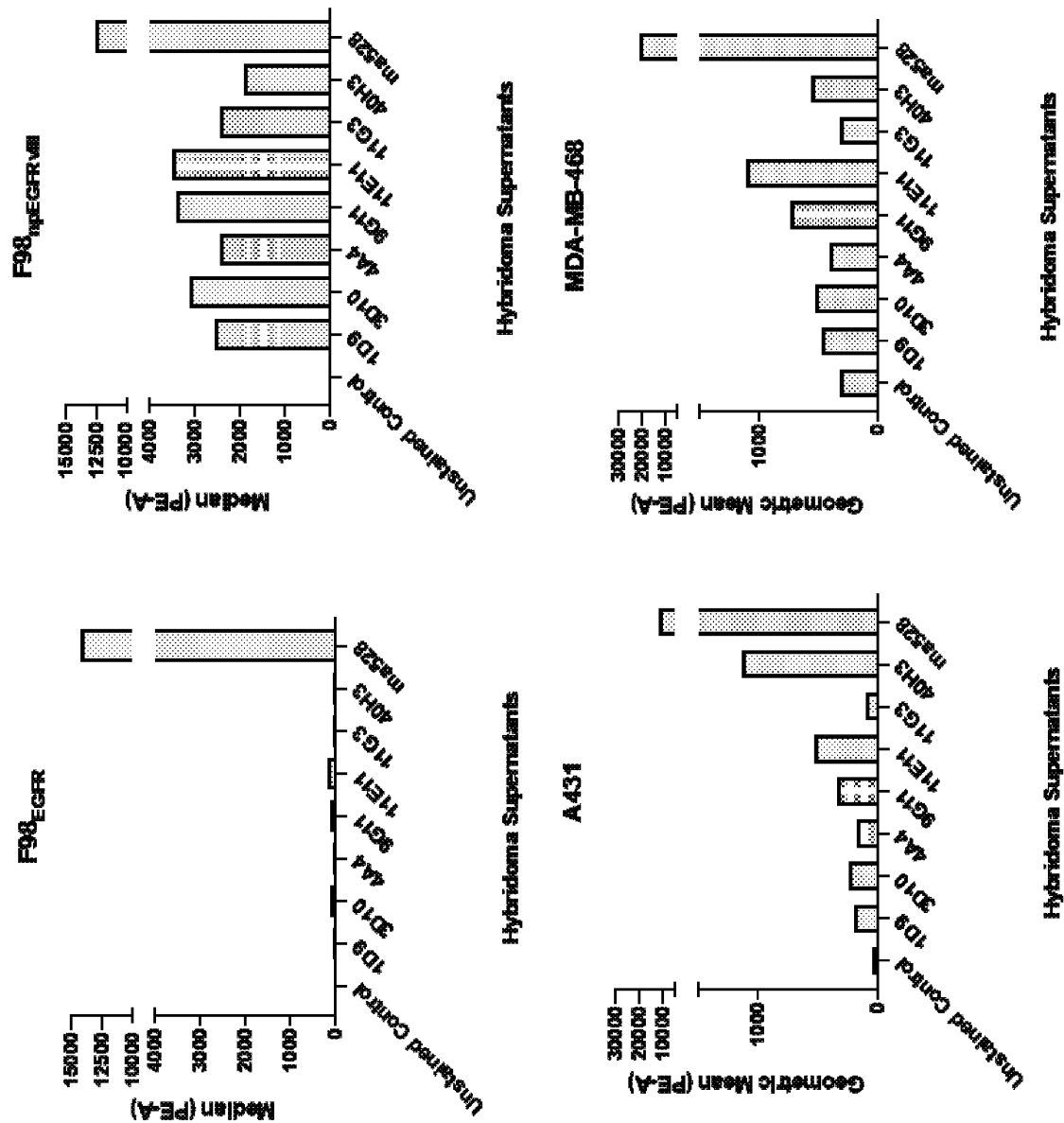
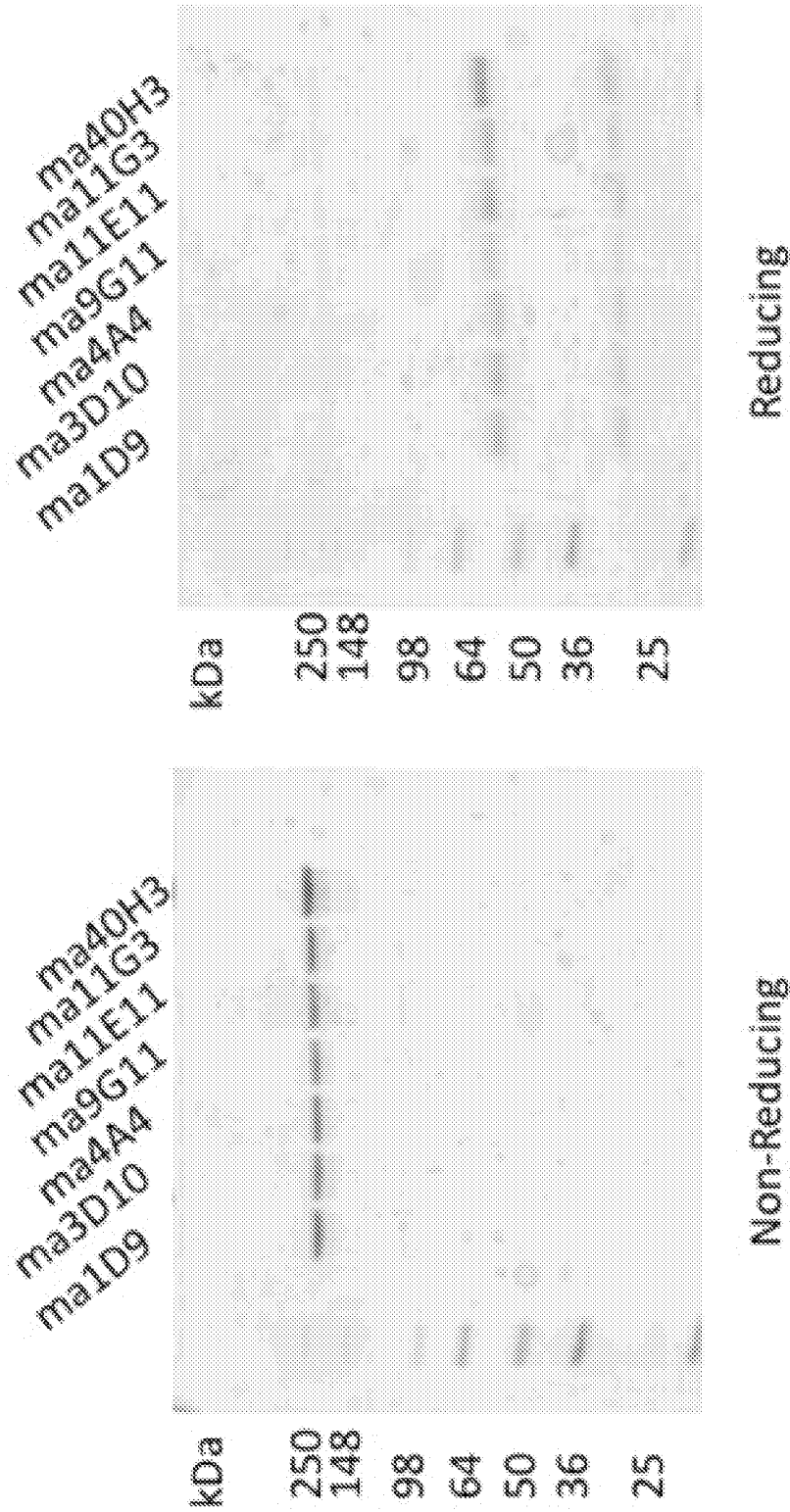


FIG. 4



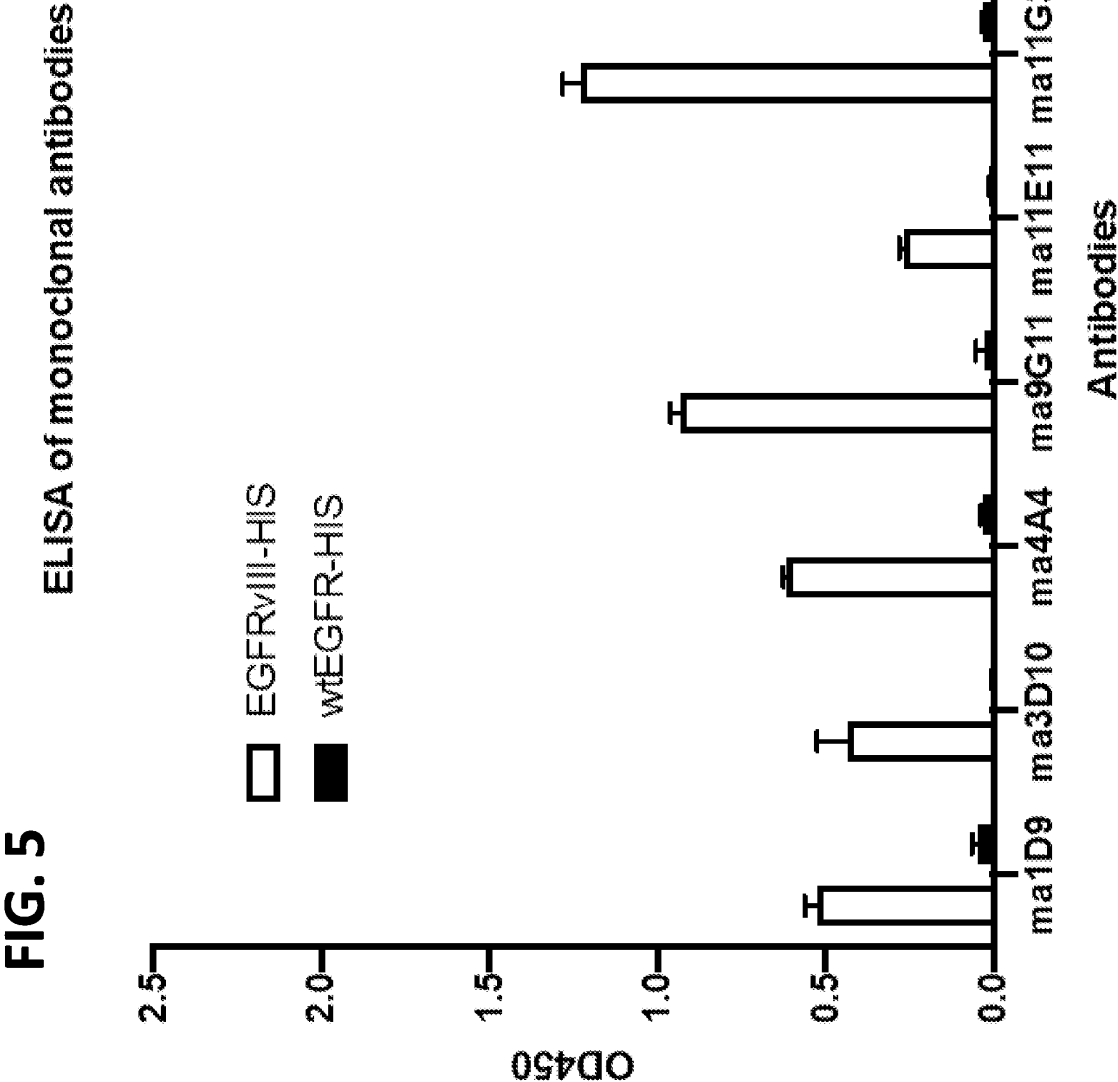


FIG. 6A

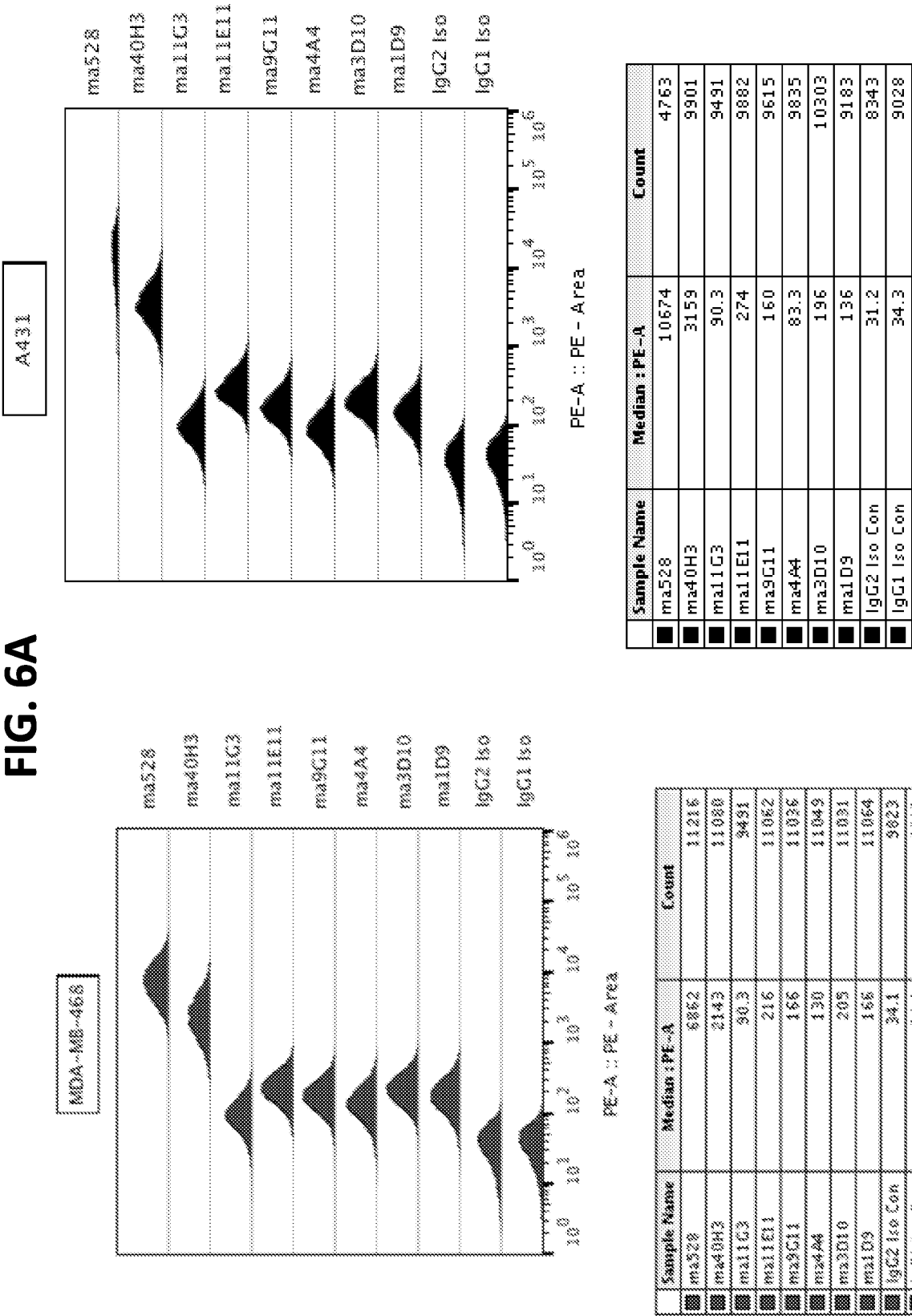
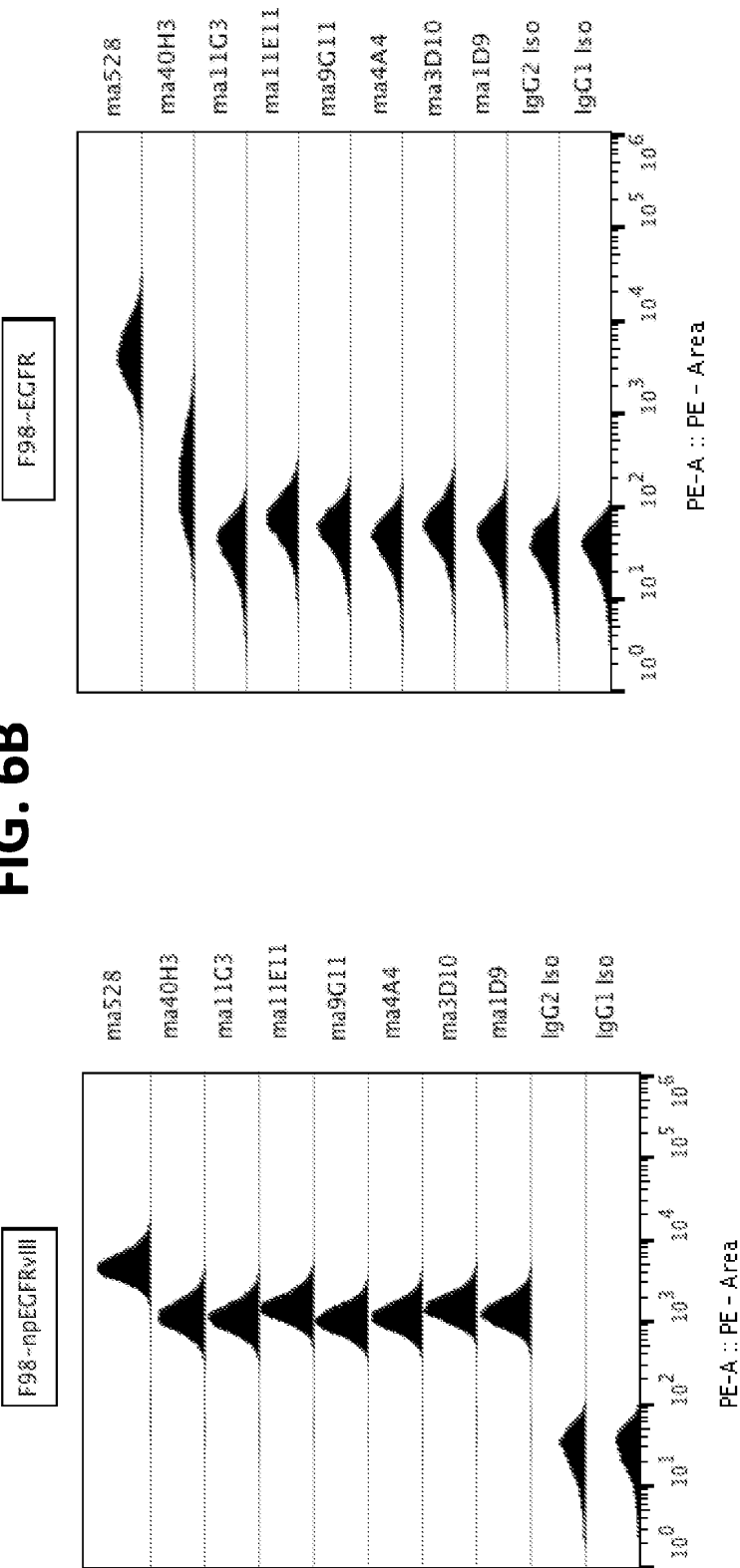
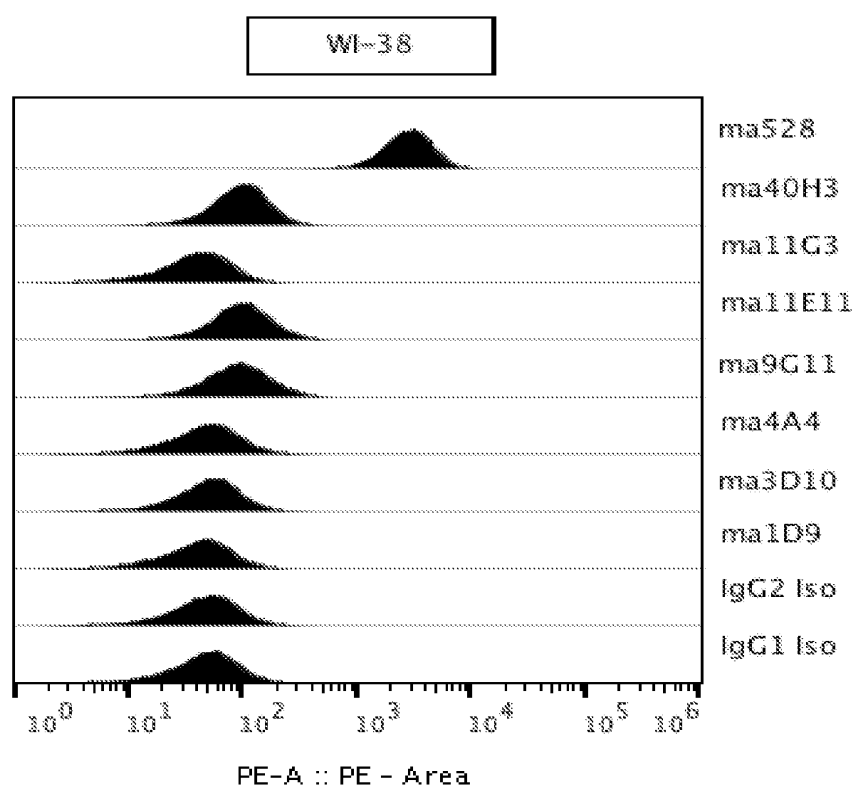


FIG. 6B



Sample Name	Median : PE-A	Count
ma528	4041	10381
ma40H3	187	10156
ma11G3	37.9	9650
ma11E11	69.4	10197
ma9G11	51.7	9941
ma4A4	41.7	9545
ma3D10	56.9	10044
ma1D9	45.5	9697
IgG2 Iso Con	33.5	9377
IgG1 Iso Con	32.6	9333

Sample Name	Median : PE-A	Count
ma528	4471	10725
ma40H3	1122	10506
ma11G3	1084	10529
ma11E11	1435	10478
ma9G11	1010	10558
ma4A4	1110	10554
ma3D10	1425	10382
ma1D9	1228	10423
IgG1 Iso Con	26.2	8304
IgG2 Iso Con	26.9	8249

FIG. 6C

	Sample Name	Median : PE-A	Count
■	ma528	2723	9166
■	ma40H3	96.9	11193
■	ma11G3	39.6	10181
■	ma11E11	96.2	10564
■	ma9G11	90.6	10511
■	ma4A4	48.0	10041
■	ma3D10	51.2	9944
■	ma1D9	41.4	9309
■	IgG2 Iso Con	47.6	9983
■	IgG1 Iso Con	48.0	9883

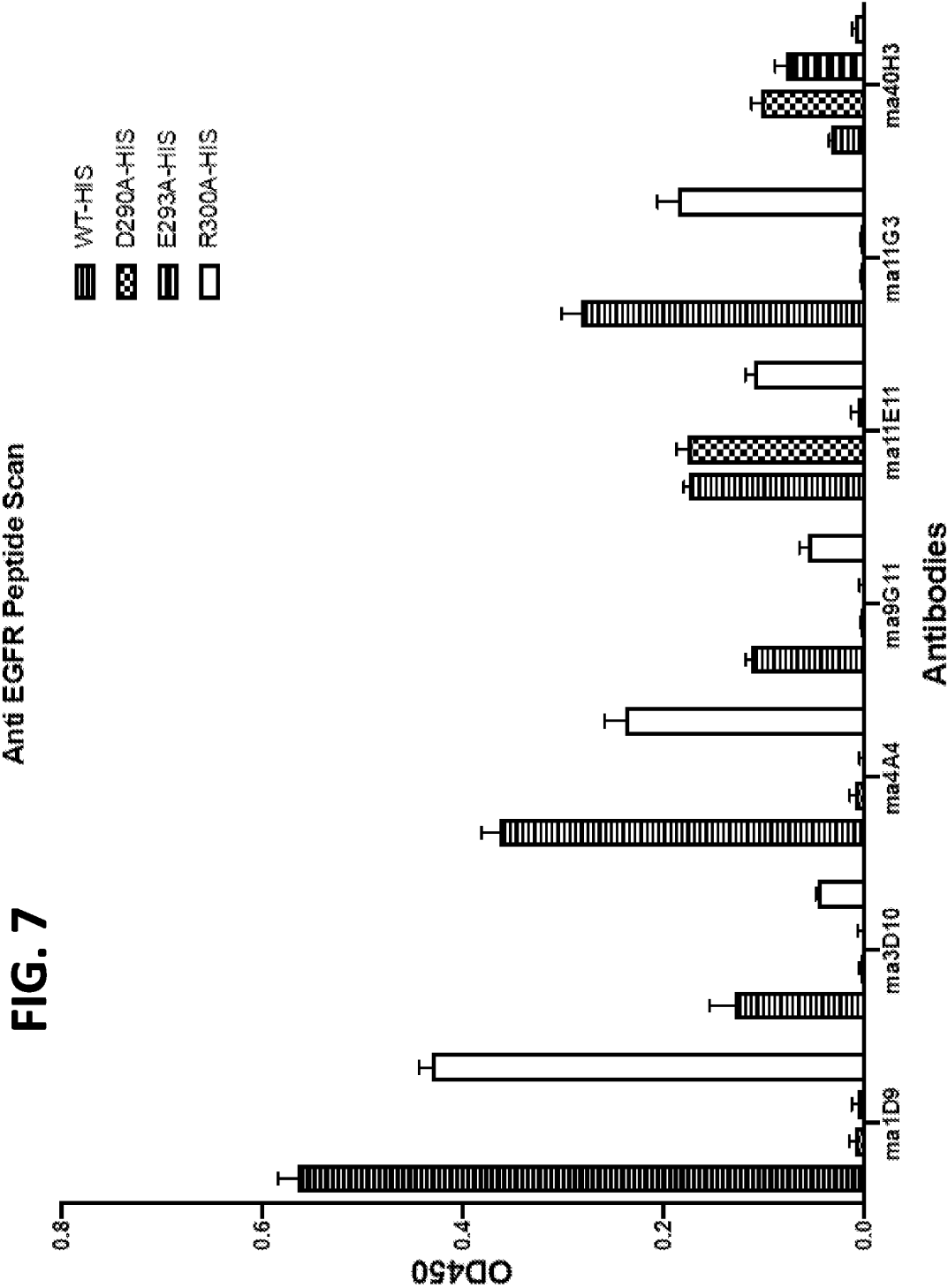


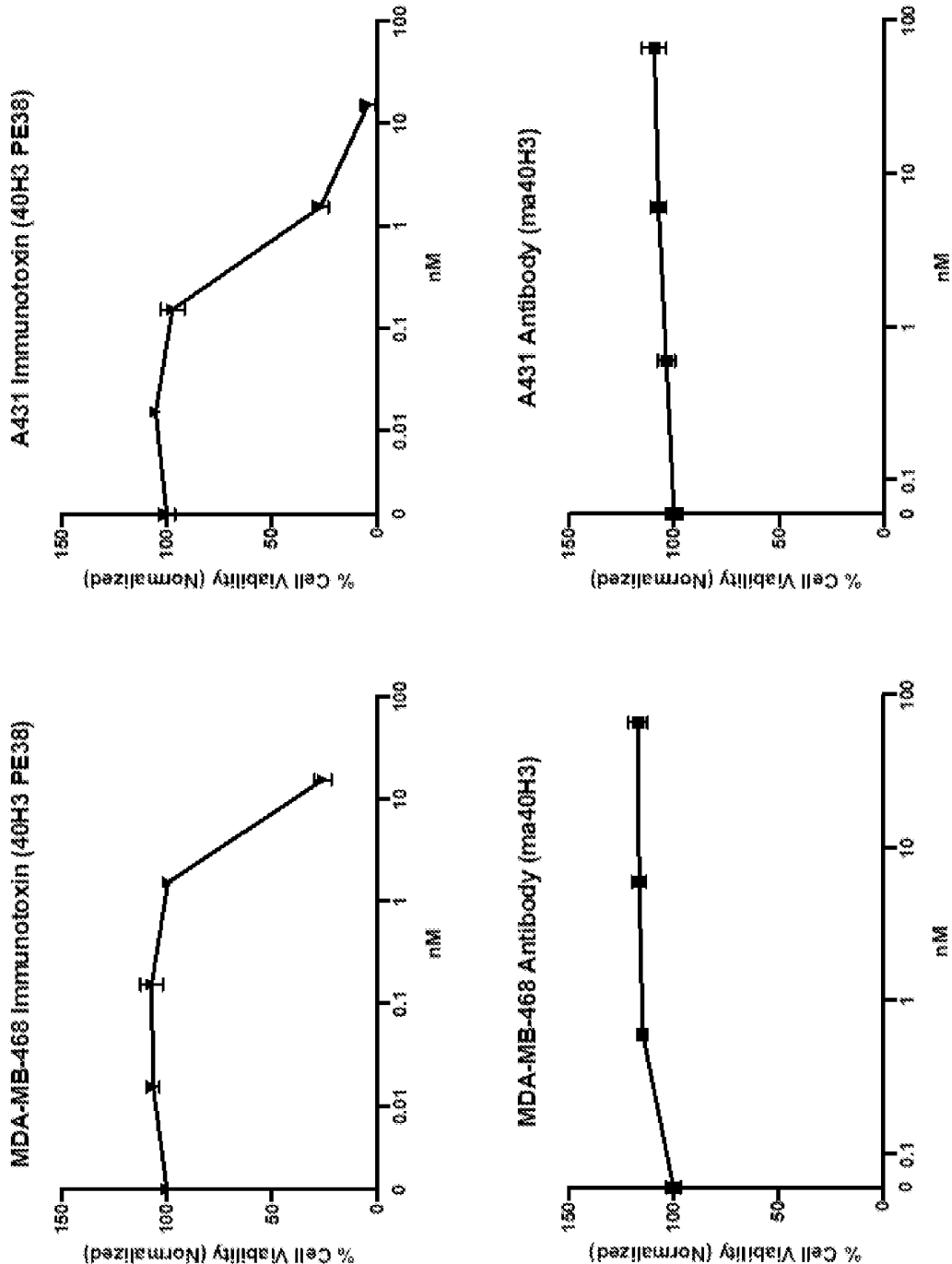
FIG. 8A

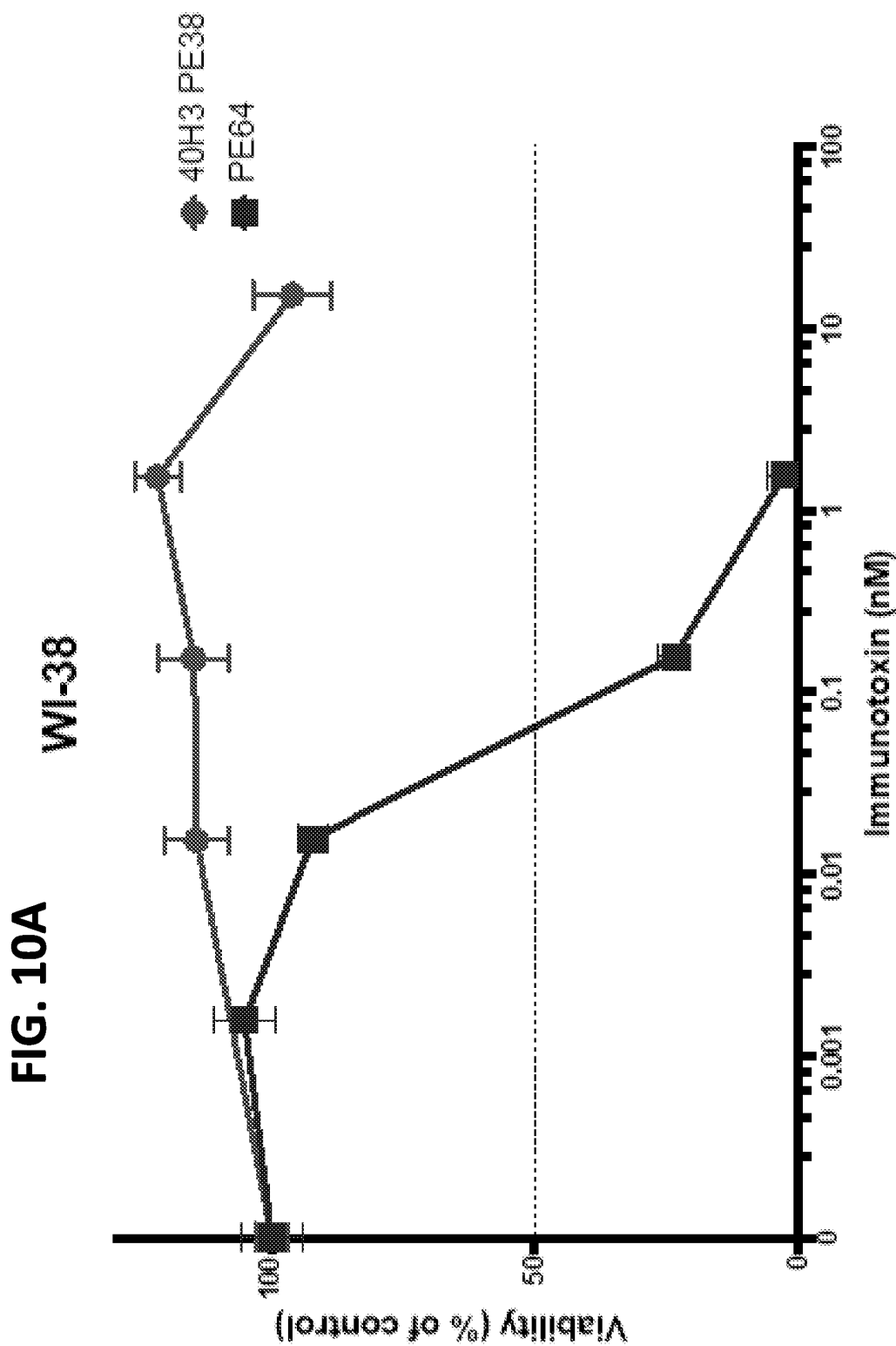
	FR1	CDR1	FR2	CDR2	FR3		
	<-----><-----><-----><-----><----->						
40H3-1-Light	10 DIQMTQSPASQASLGESVTITCLASQT-----	30 IGTWVANYQQKPGKSPQLLIYGATNLADGVPSRFSG	40	60	70		
3D10-1-Light	DIVMSQSPSSLGVSVEKVTMSCKSSQSLDSRNQKNYLA	WYQQKPGQSPKLLIYWASTRESGVDRFTG			70		
9G11-1-Light	DIVMSQSPSSLGVSVEKVTMSCKSSQSLDSRNQKNYLA	WYQQKPGQSPKLLIYWASTRESGVDRFTG			70		
1D9-1-Light	DIVMSQSPSSLA	VSVEKVTMRCR	SSQSLDSYHQKNYLA	WYLOKPGQSPKLLIYWASTRESGVDRFTG	70		
4A4-1-Light	DIVMSQSPSSLA	VSVEKVTMRCR	SSQSLDSYHQKNYLA	WYLOKPGQSPKLLIYWASTRESGVDRFTG	70		
11E11-1-Light	DIVMSQSPSSLA	VSVEKVTMRCR	SSQSLDSYHQKNYLA	WYLOKPGQSPKLLIYWASTRESGVDRFTG	70		
11G3-1-Light	DIVMSQSPSSLP	VSVEKVS	LTCKSSQSLDN--	QKH	YLA	WYQQKPGQSPKLLIYWASTRESGVDRFTG	70
	** * *** *	* ** *	* *	*** **** *	**** *	*** ** *	
	<-----><-----><-----><-----><----->						
	CDR3 FR4						
	<-----><-----><-----><-----><----->						
40H3-1-Light	80 SGSGTKFSEKISSLQAE	DFVSYCQQLYSN	PYTFGGG	TKLEIK	113		
3D10-1-Light	SGSGTEFTLT	ISSVKAEDLA	IYYCQQY	YNYPYTFGGG	TKLEIT	113	
9G11-1-Light	SGSGTEFTLT	ISSVKAEDLA	IYYCQQY	YNYPYTFGGG	TKLEIT	113	
1D9-1-Light	SGSGTDFTLT	ISSVKAEDLA	IYYCQEQY	YRYPYTFGGG	TKLEIK	113	
4A4-1-Light	SGSGTDFTLT	ISSVKAEDLA	IYYCQEQY	YRYPYTFGGG	TKLEIK	113	
11E11-1-Light	SGSGTEFTLT	ISSVKAEDLA	IYYCQEQY	YNYPYTFGGG	TKLEIK	113	
11G3-1-Light	SGSGTEFTLT	ISSVKAEDLA	IYYCQEQY	YNYPYTFGGG	TKLEIK	113	
	***** *	*** ***	**** *	*****			

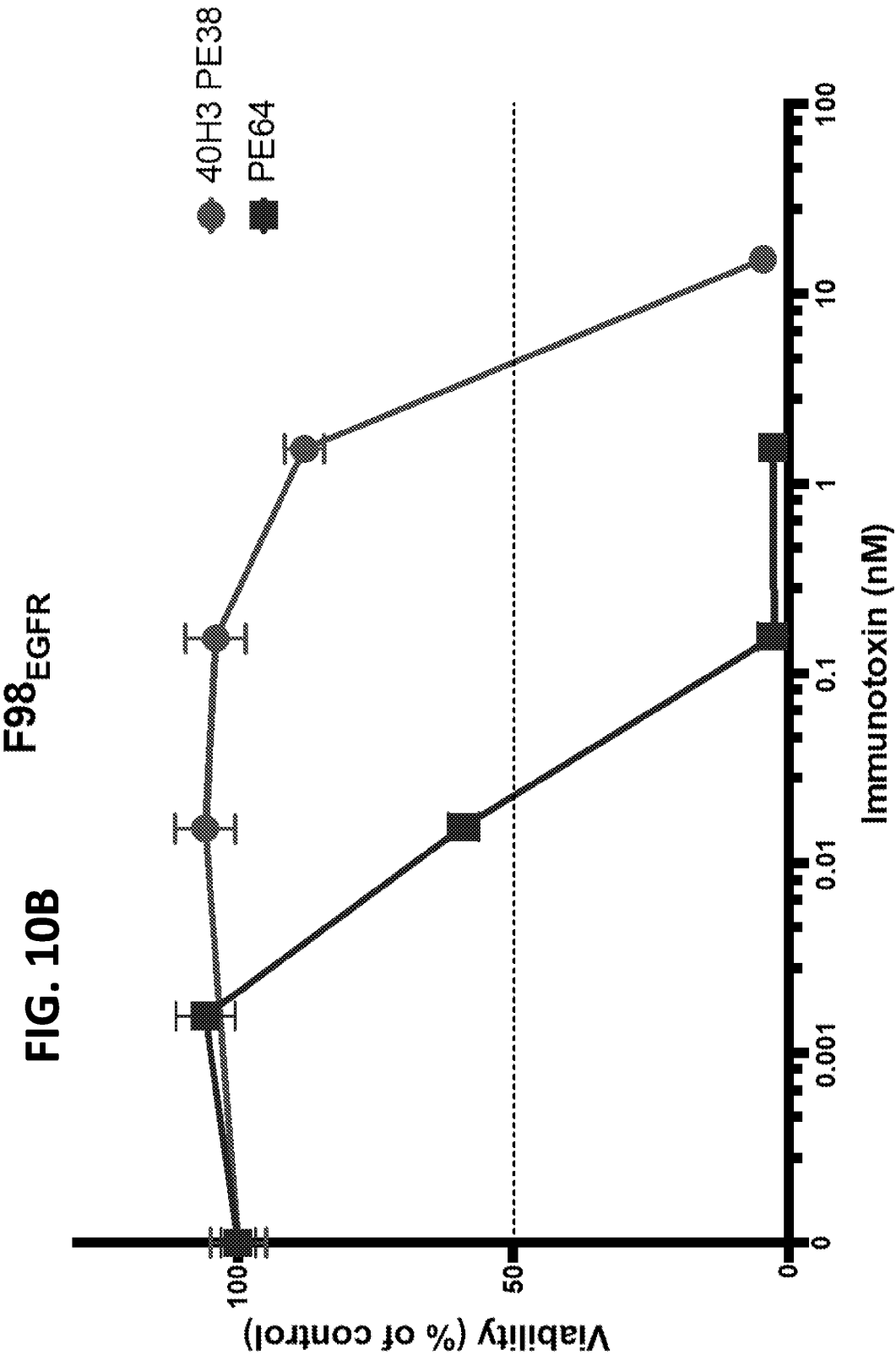
FIG. 8B

	FR1	CDR1	FR2	CDR2	FR3
	<-----><-----><-----><-----><----->				
40H3-1-Heavy	10 QVQLKQSGPCLVQPSQSLSI	20 TCTVSGFSLTNYGIHWLRQSPGKGL	30 EWLGMNWRGGGTDYNAAFISRLTIT	40 70	
3D10-1-Heavy	QVQLKQSGPCLVQPSQSLSI	10 TCTVSGFSLTRNGVHWVRQSPGKGL	20 EWLGMNWRGGGTDYDAAFMSRLSIT	30 70	
9G11-1-Heavy	QVQLKQSGPCLVQPSQSLSI	10 TCTVSGFSLTRNGVHWVRQSPGKGL	20 EWLGMNWRGGGTDYDAAFMSRLSIT	30 70	
1D9-1-Heavy	QVQLKQSGPCLVQPSQSLSI	10 TCTVSGFSLTRNGVHWVRQSPGKGL	20 EWLGMNWRGGGTDYDAAFMSRLSIT	30 70	
4A4-1-Heavy	QVQLKQSGPCLVQPSQSLSI	10 TCTVSGFSLTRNGVHWVRQSPGKGL	20 EWLGMNWRGGGTDYDAAFMSRLSIT	30 70	
11E11-1-Heavy	QVQLKQSGPCLVQPSQSLSI	10 TCTVSGFSLTRNGVHWVRQSPGKGL	20 EWLGMNWRGGGTDYDAAFMSRLSIT	30 70	
11G3-1-Heavy	QVQLKQSGPCLVQPSQSLSI	10 TCTVSGFSLTRNGVHWVRQSPGKGL	20 EWLGMNWRGGGTDYDAAFMSRLSIT	30 70	
	*****	*****	*****	*****	*****
	<-----><-----><-----><-----><----->				
	80 KDTSKSQVFFRMNNLQTN	90 DTAIYYCARKGV-GMCLGYWGQ	100 GTSVTVSS	110 118	
40H3-1-Heavy	KDTSKSQVFFRMNNLQTN	80 DTAIYYCARKGV-GMCLGYWGQ	90 GTSVTVSS	100 118	
3D10-1-Heavy	KDNSKSQVFFKMNLSQA	80 DDTAIYYCVKNGDDGNYGTYWGQ	90 GTTLVTSA	100 118	
9G11-1-Heavy	KDNSKSQVFFKMNLSQA	80 DDTAIYYCVKNGDDGNYGTYWGQ	90 GTTLVTSA	100 118	
1D9-1-Heavy	KDNSKSQVFFKMNLSQA	80 DDTAIYYCVKNGDDGNYGTYWGQ	90 GTTPVAVSA	100 118	
4A4-1-Heavy	KDNSKSQVFFKMNLSQA	80 DDTAIYYCVKNGDDGNYGTYWGQ	90 GTTPVAVSA	100 118	
11E11-1-Heavy	KDNSKSQVFFKMNLSQA	80 DDTAIYYCVKNGDDGNYGTYWGQ	90 GTTLVTSA	100 118	
11G3-1-Heavy	KDNSKSQVFFKMNLSQA	80 DDTAIYYCVKNGDDGNYGTYWGQ	90 GTTLVTST	100 118	
	* * *	*****	* * *	*****	* * *
	<-----><-----><-----><-----><----->				
	80 KDTSKSQVFFRMNNLQTN	90 DTAIYYCARKGV-GMCLGYWGQ	100 GTSVTVSS	110 118	
40H3-1-Heavy	KDTSKSQVFFRMNNLQTN	80 DTAIYYCARKGV-GMCLGYWGQ	90 GTSVTVSS	100 118	
3D10-1-Heavy	KDNSKSQVFFKMNLSQA	80 DDTAIYYCVKNGDDGNYGTYWGQ	90 GTTLVTSA	100 118	
9G11-1-Heavy	KDNSKSQVFFKMNLSQA	80 DDTAIYYCVKNGDDGNYGTYWGQ	90 GTTLVTSA	100 118	
1D9-1-Heavy	KDNSKSQVFFKMNLSQA	80 DDTAIYYCVKNGDDGNYGTYWGQ	90 GTTPVAVSA	100 118	
4A4-1-Heavy	KDNSKSQVFFKMNLSQA	80 DDTAIYYCVKNGDDGNYGTYWGQ	90 GTTPVAVSA	100 118	
11E11-1-Heavy	KDNSKSQVFFKMNLSQA	80 DDTAIYYCVKNGDDGNYGTYWGQ	90 GTTLVTSA	100 118	
11G3-1-Heavy	KDNSKSQVFFKMNLSQA	80 DDTAIYYCVKNGDDGNYGTYWGQ	90 GTTLVTST	100 118	
	* * *	*****	* * *	*****	* * *

FIG. 9







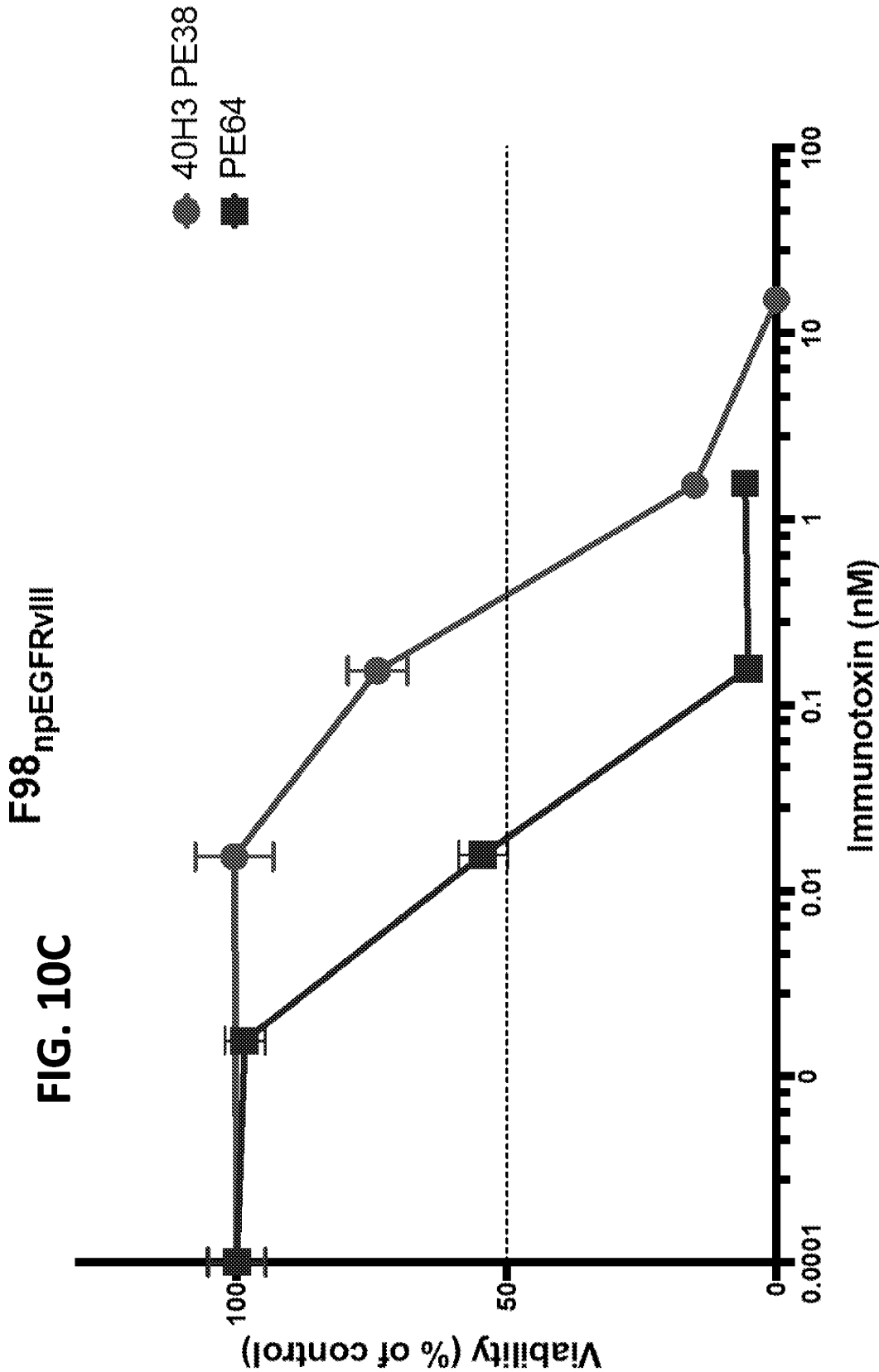


FIG. 11A
40H3 Association and Dissociation against EGFR₂₈₇₋₃₀₂

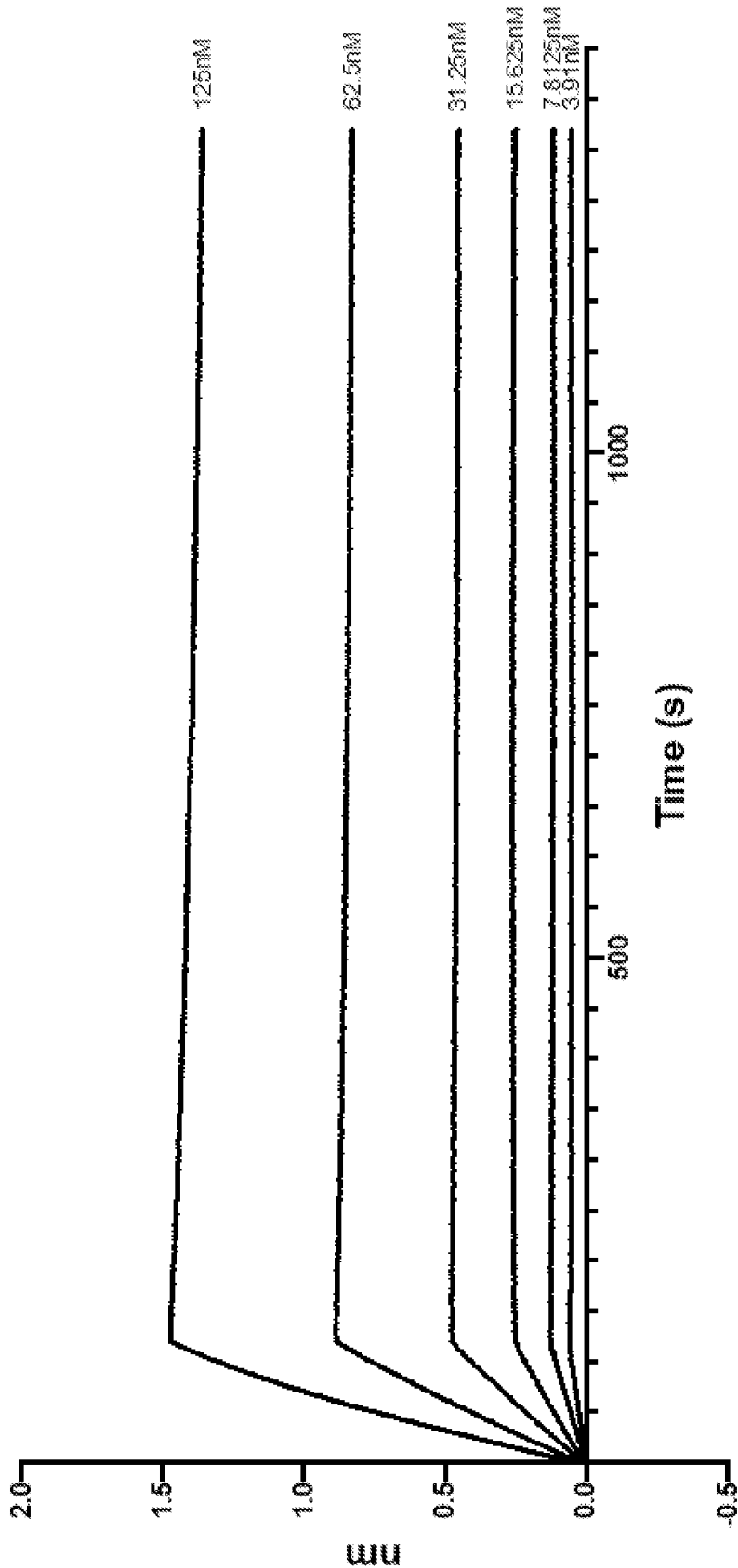


FIG. 11B
40H3 Association and Dissociation against EGFRwtECD



FIG. 11C
40H3 Association and Dissociation against EGFRvIII ECD

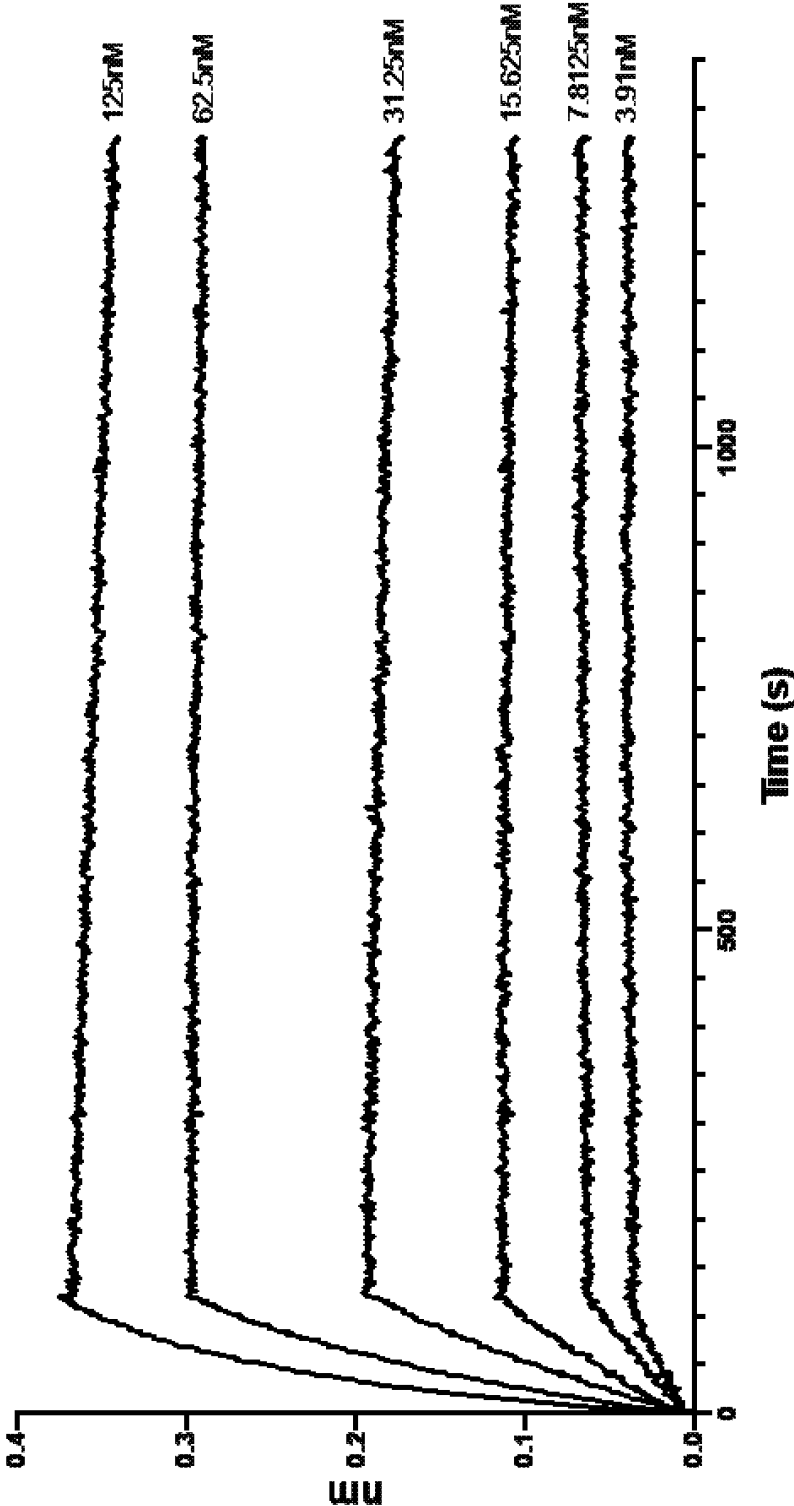


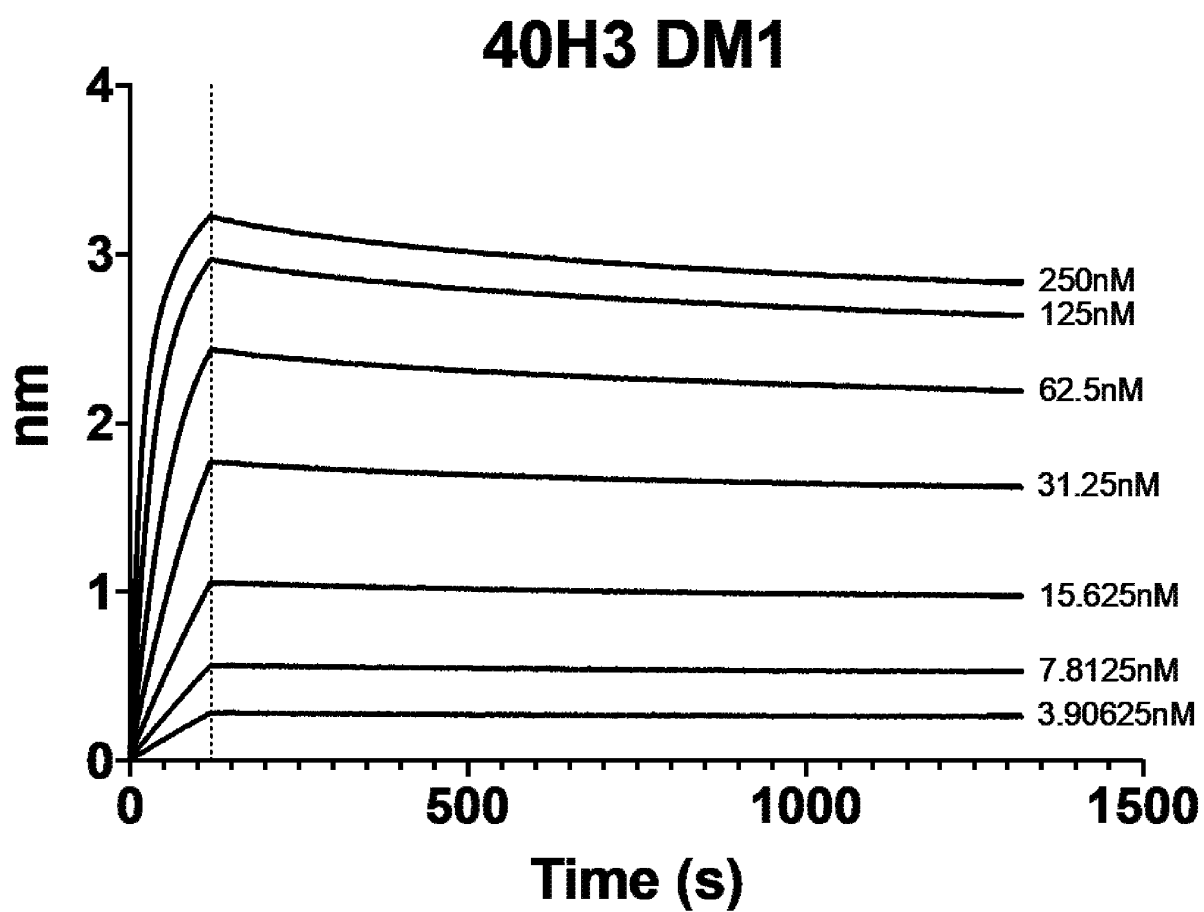
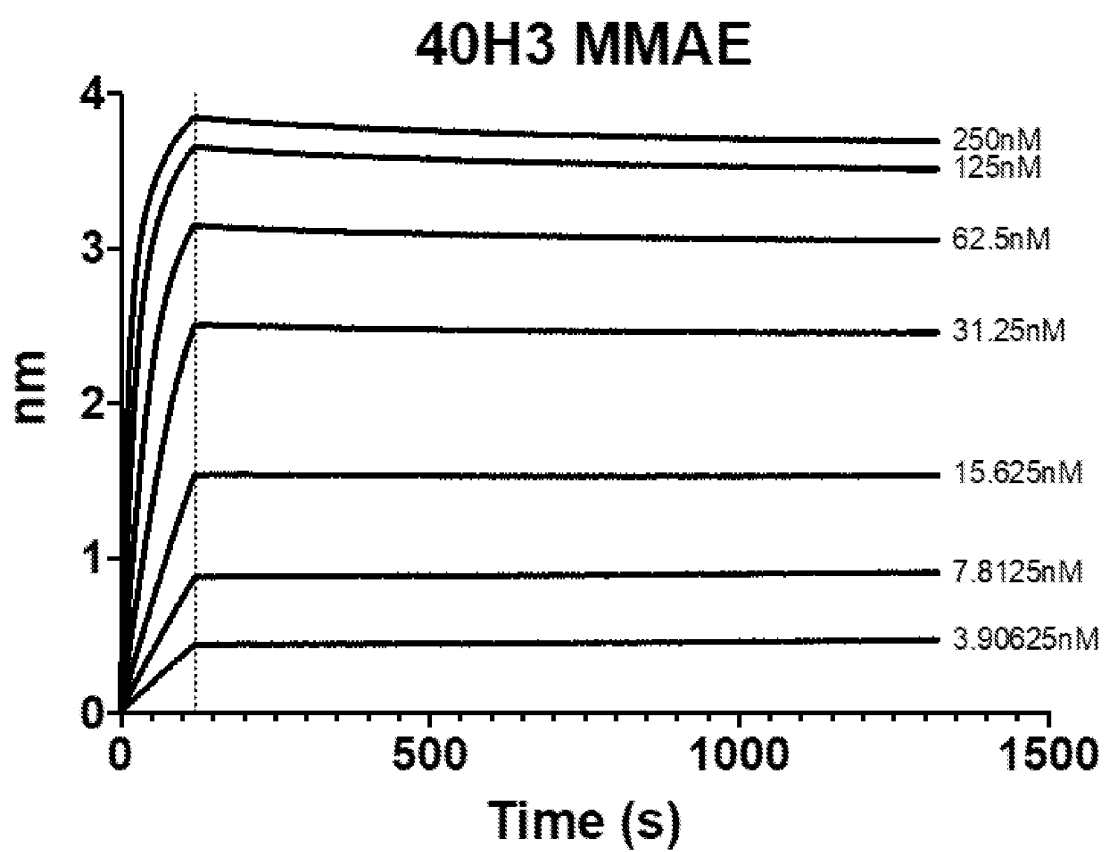
FIG. 12A

FIG. 12B



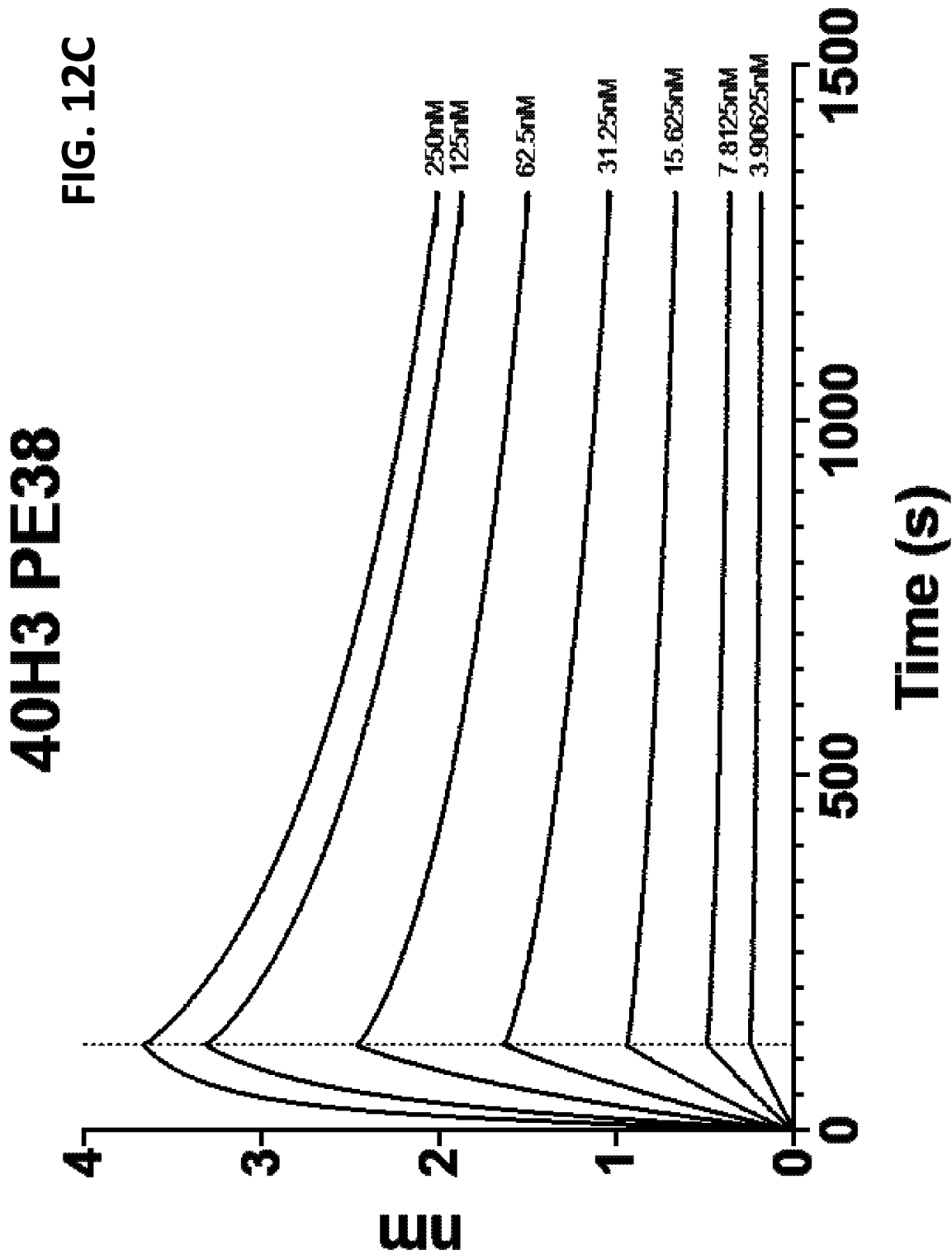


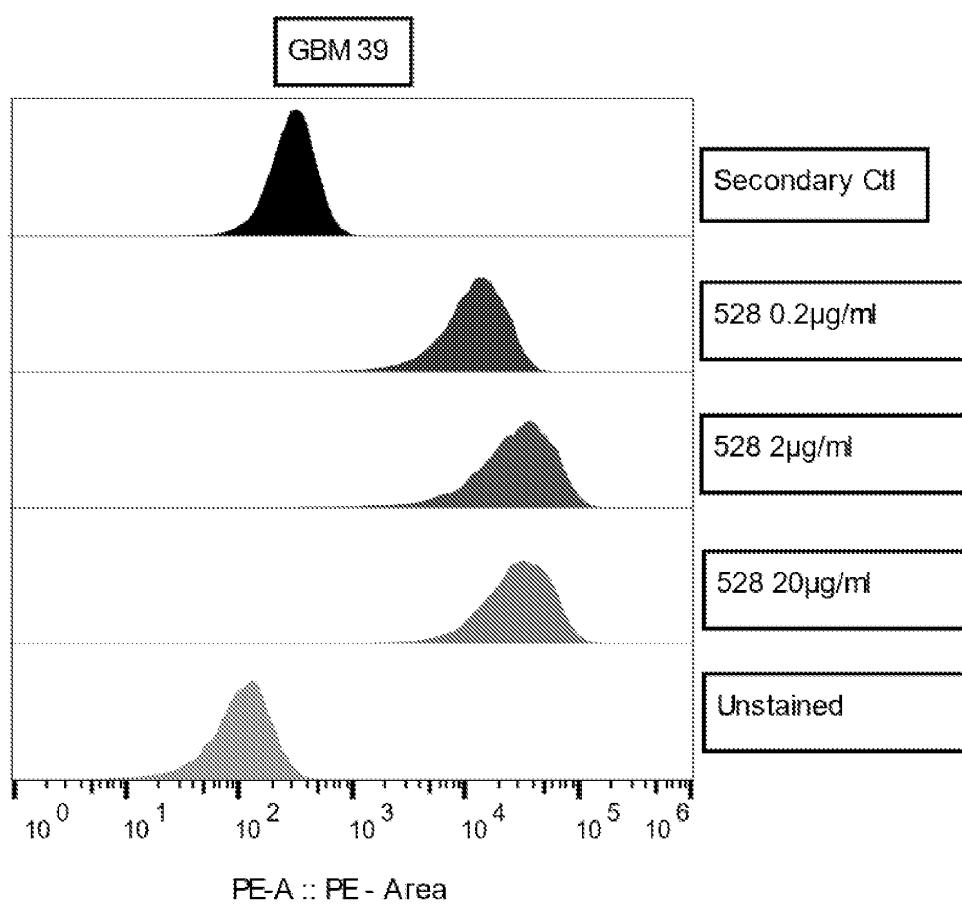
FIG. 13A

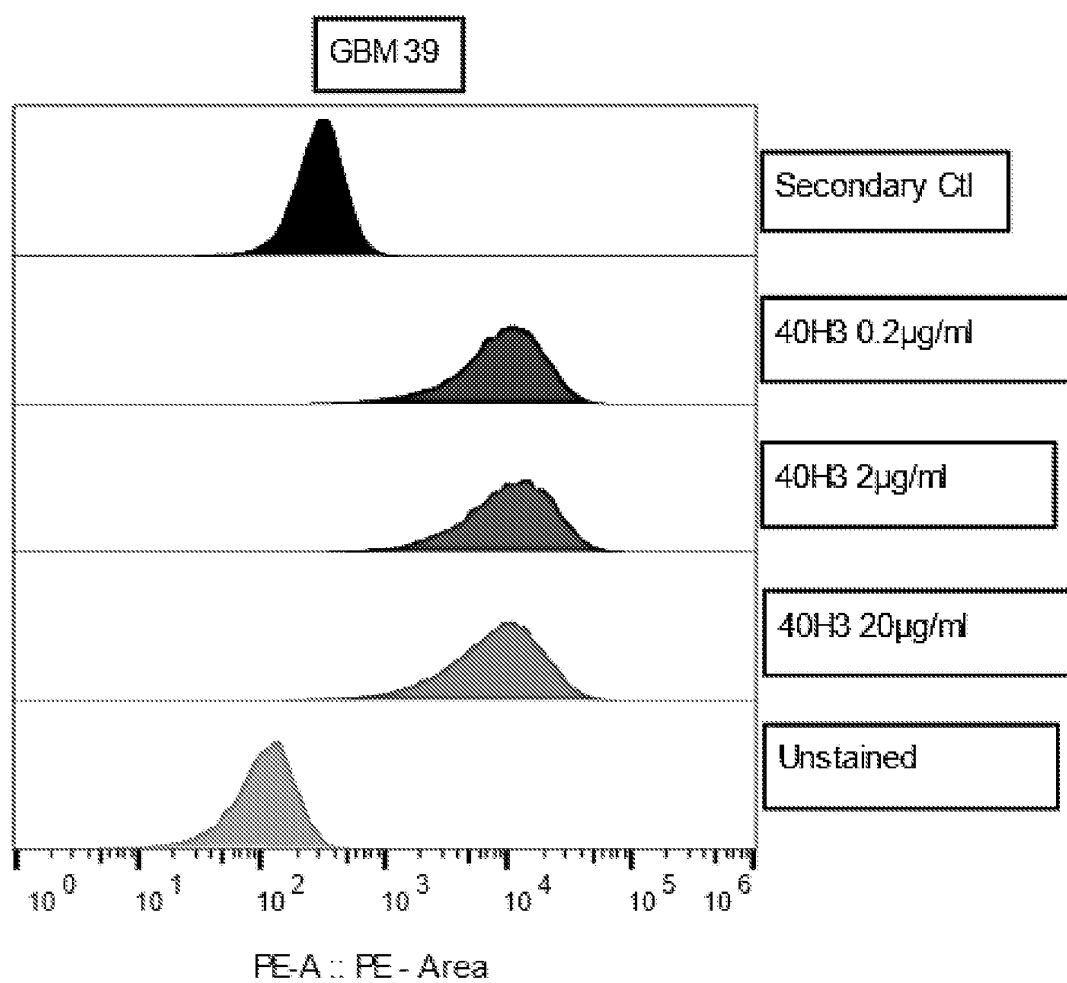
FIG. 13B

FIG. 13C

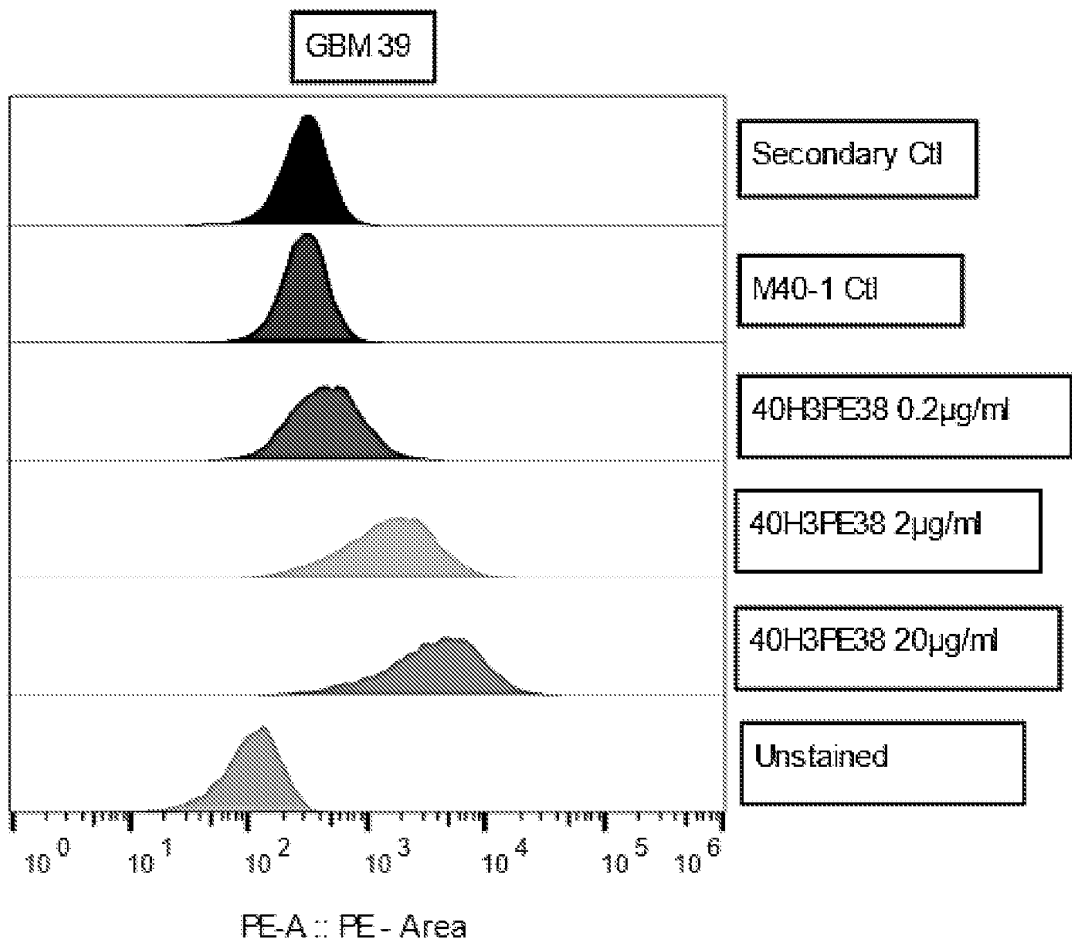


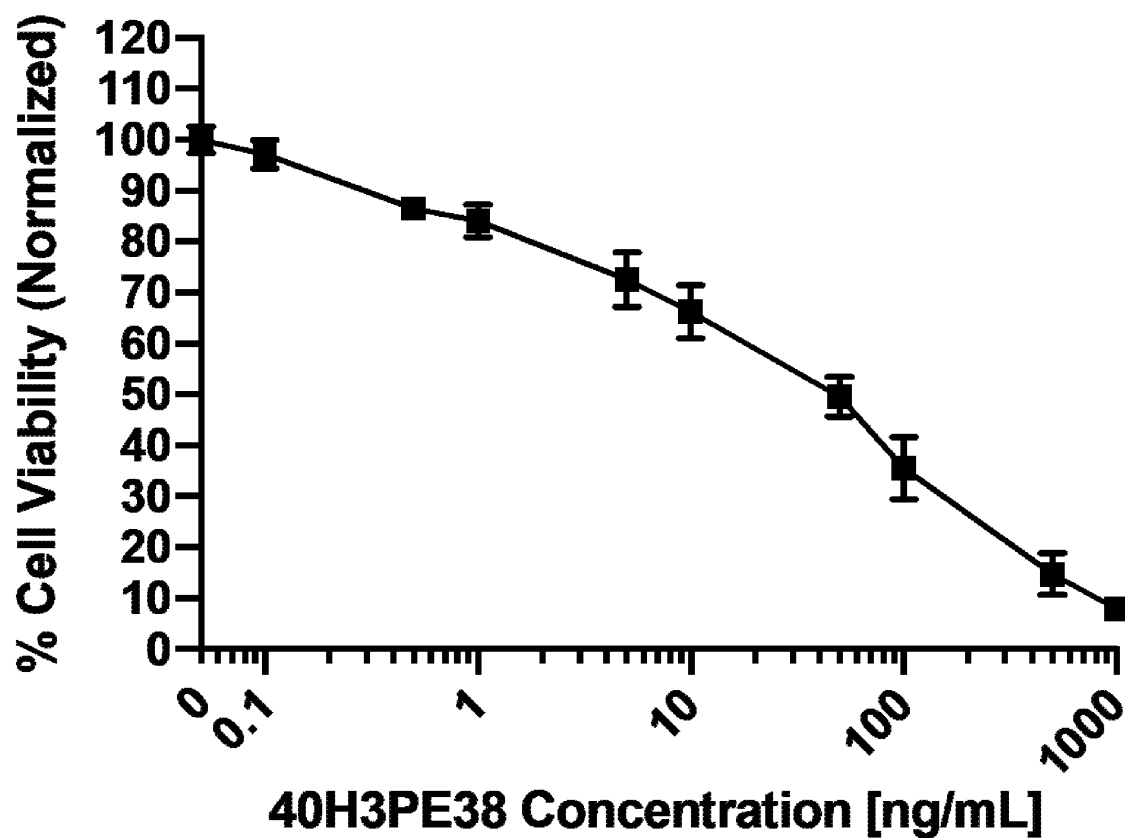
FIG. 14**GBM39**

FIG. 15A

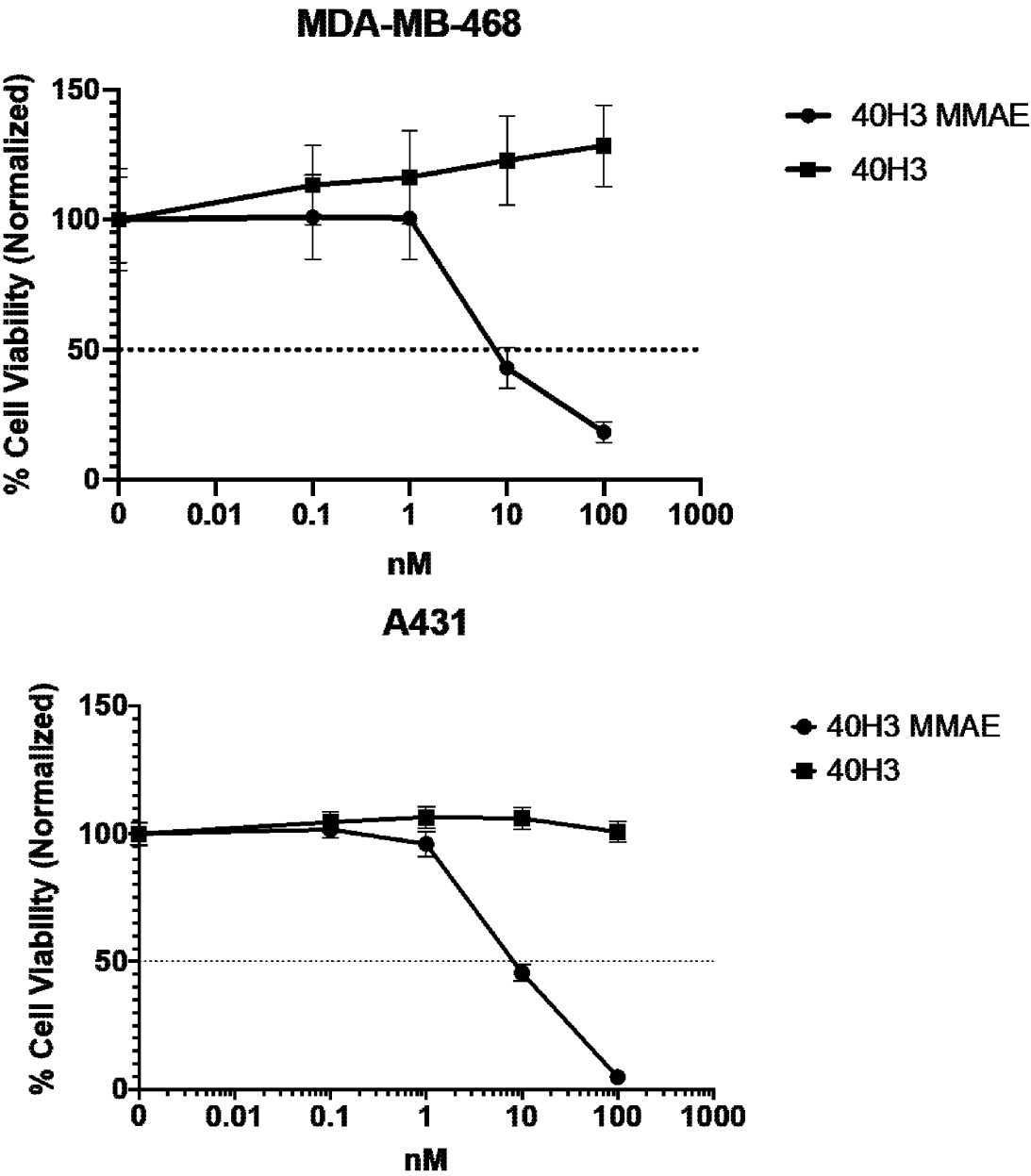


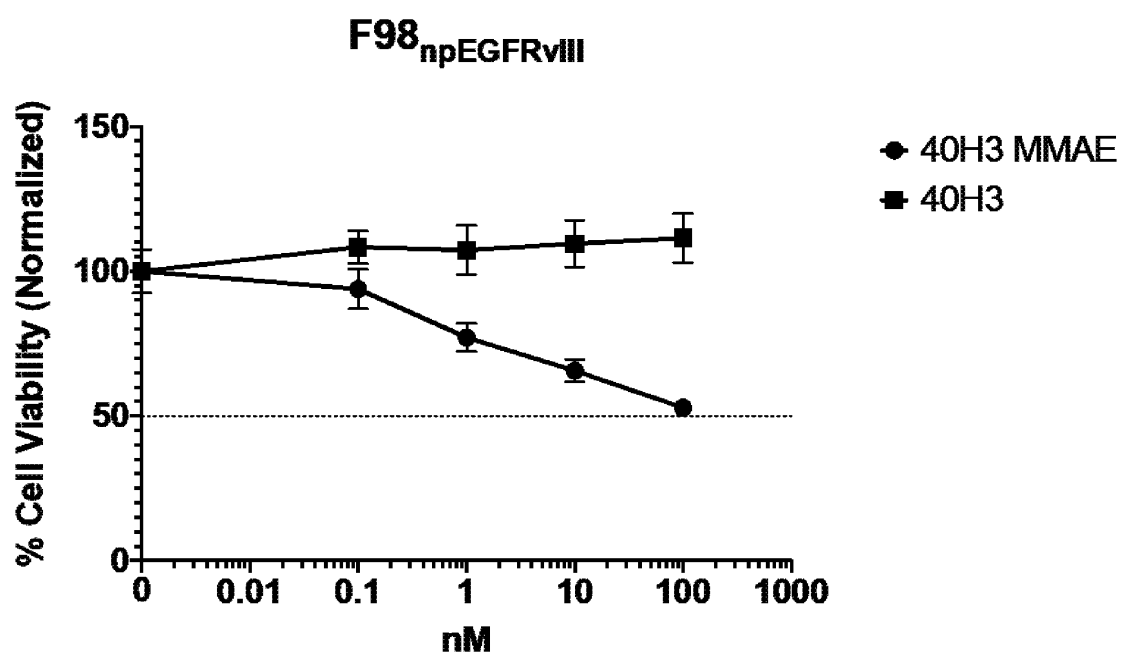
FIG. 15B

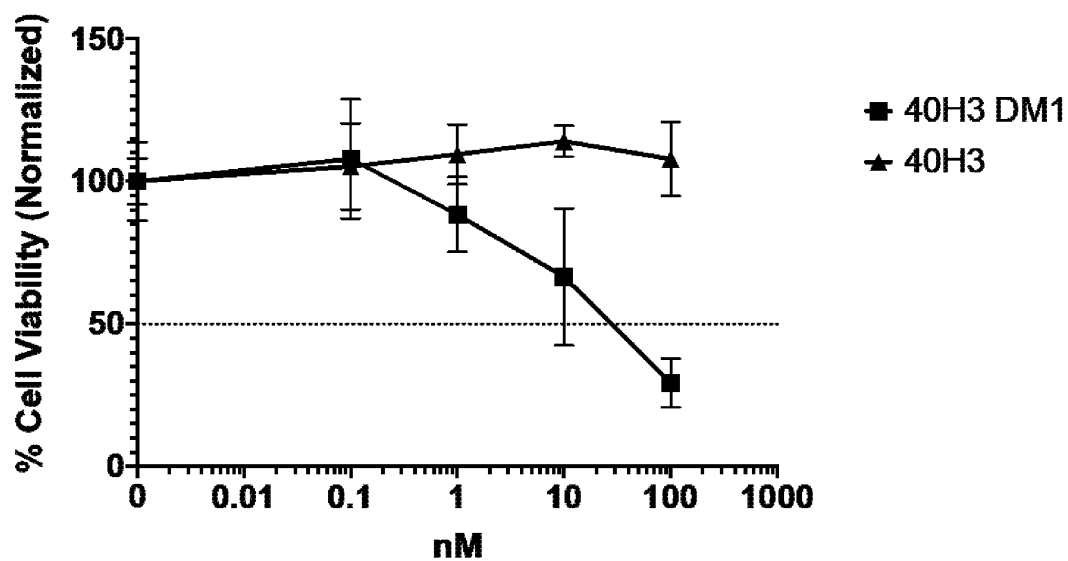
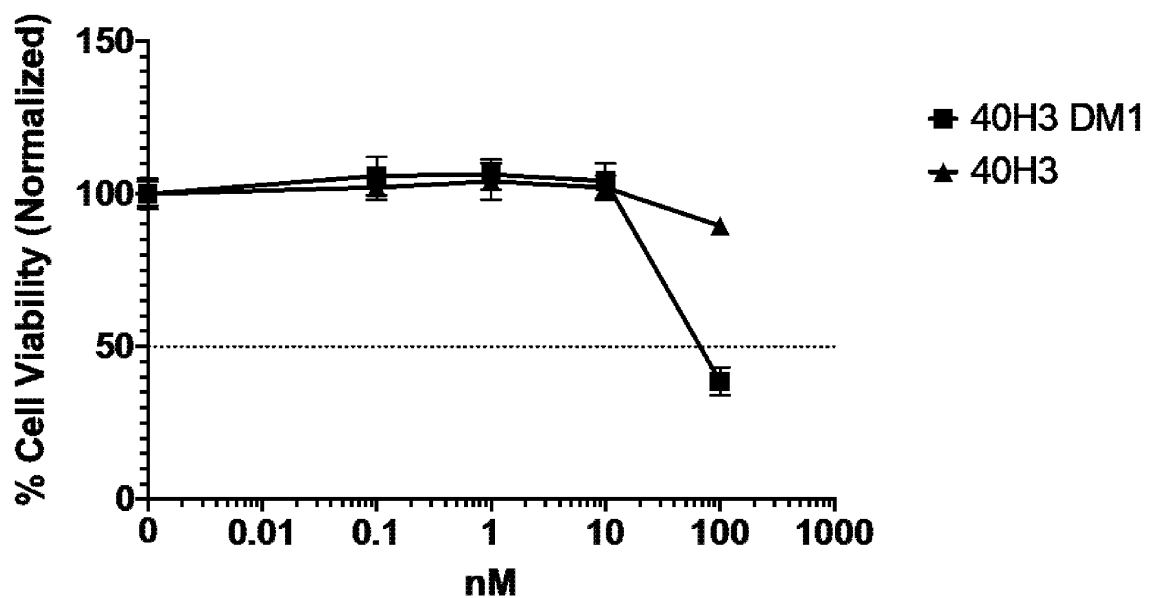
FIG. 16A**MDA-MB-468****A431**

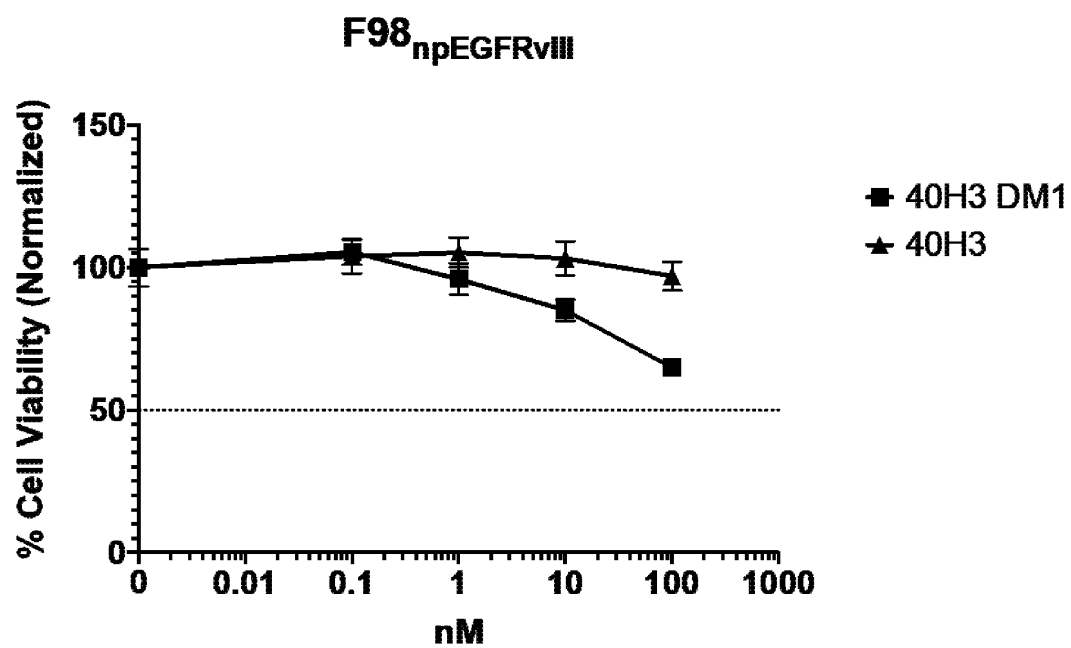
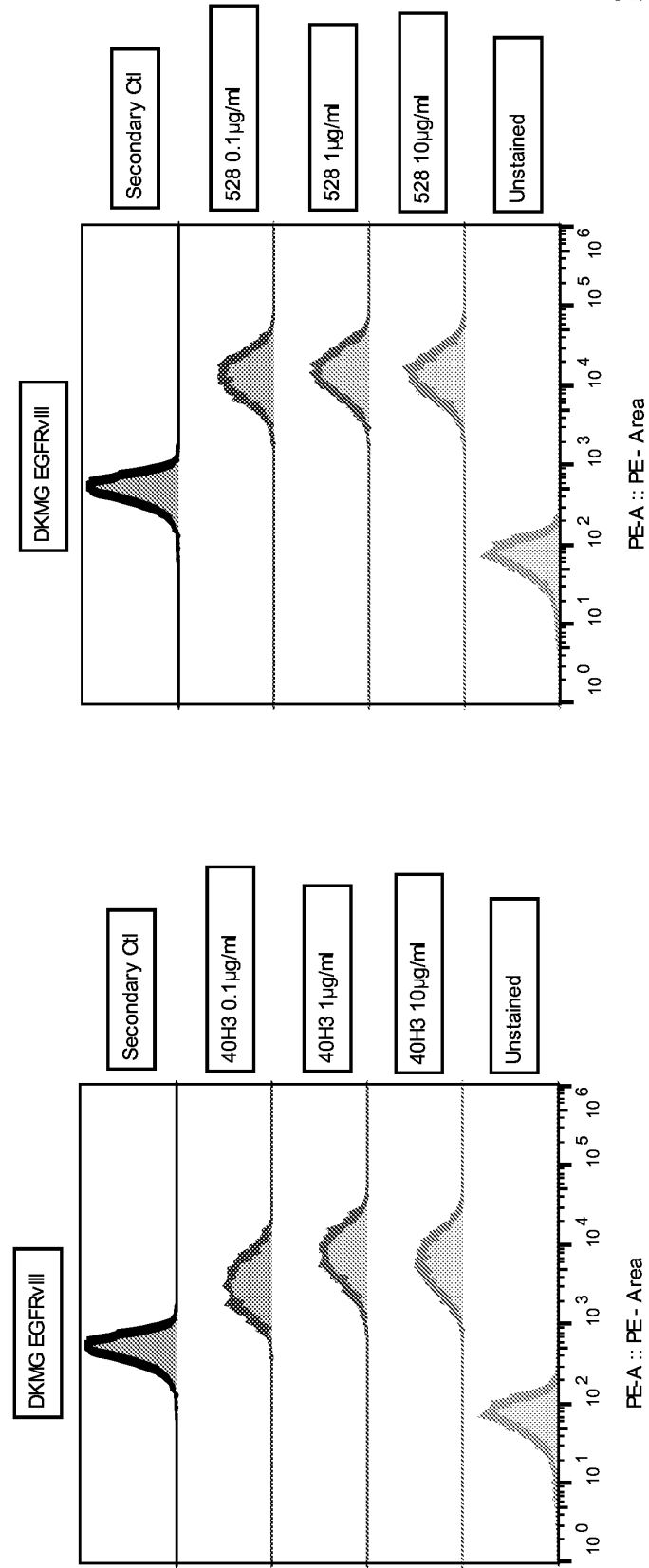
FIG. 16B

FIG. 17



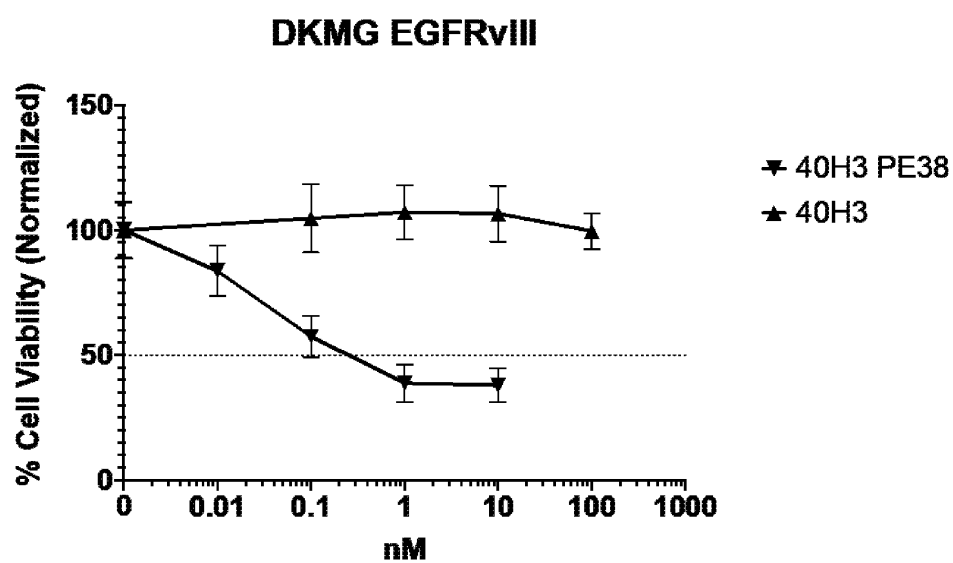
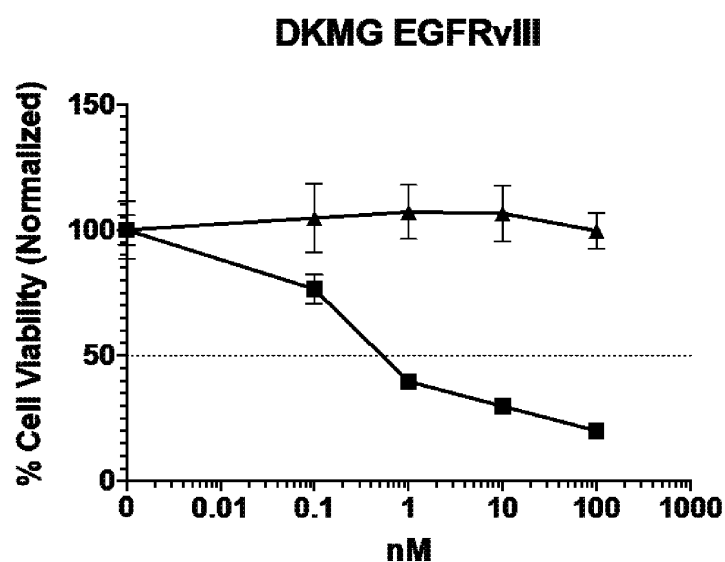
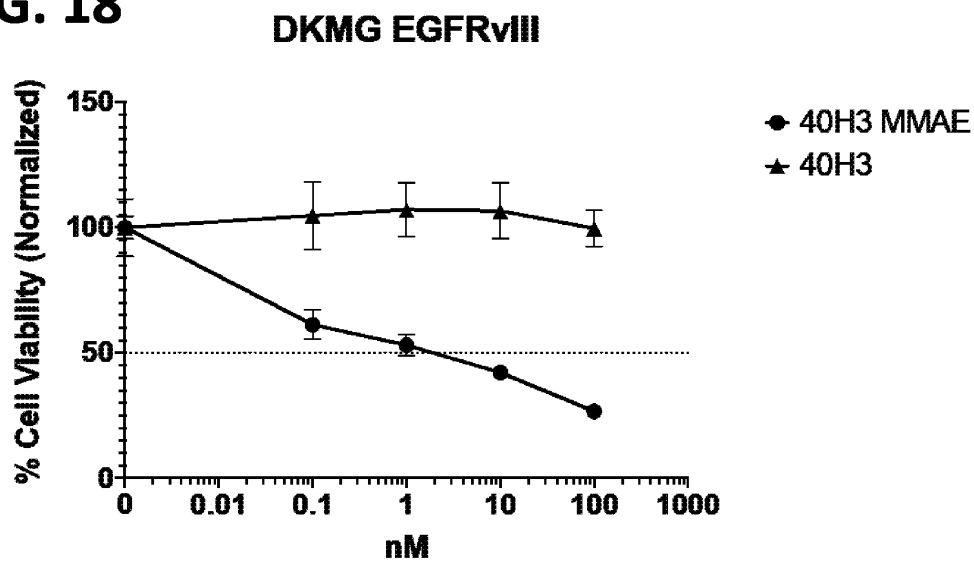


FIG. 19

Strategies to produce ADCs

