

Fibroblast Growth Factor Receptor 3 Isoform IIIc
GenBank ID: NP_000133.1 806 amino acids

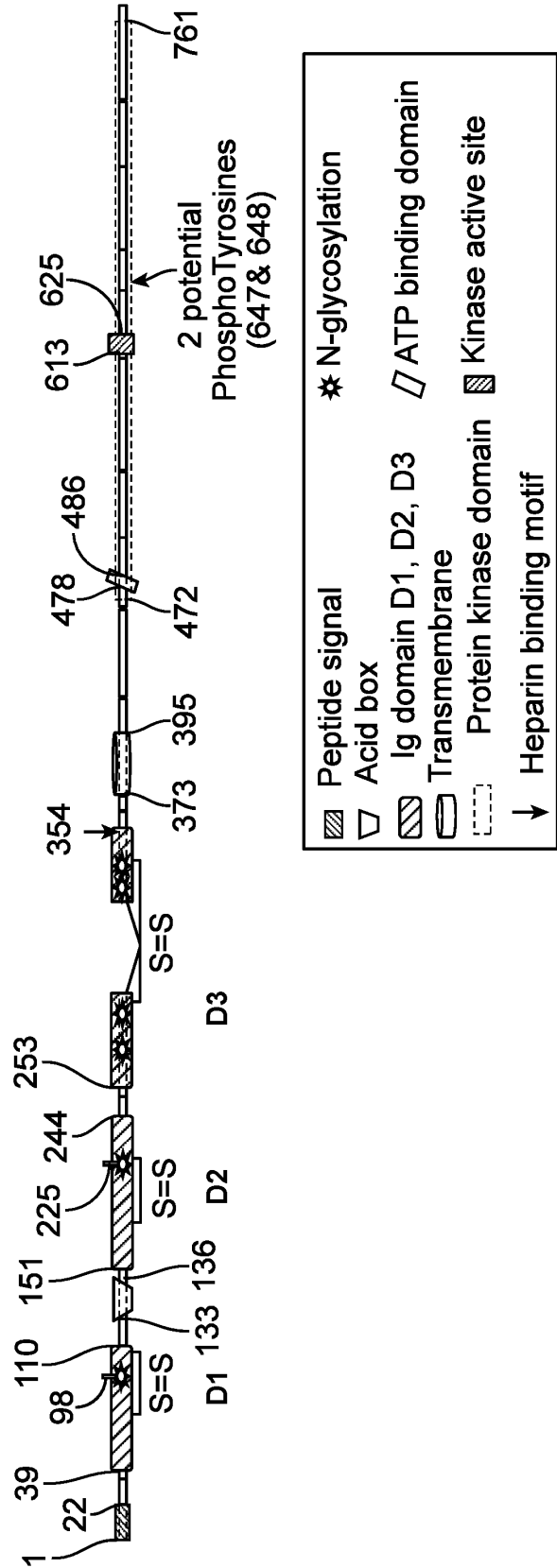
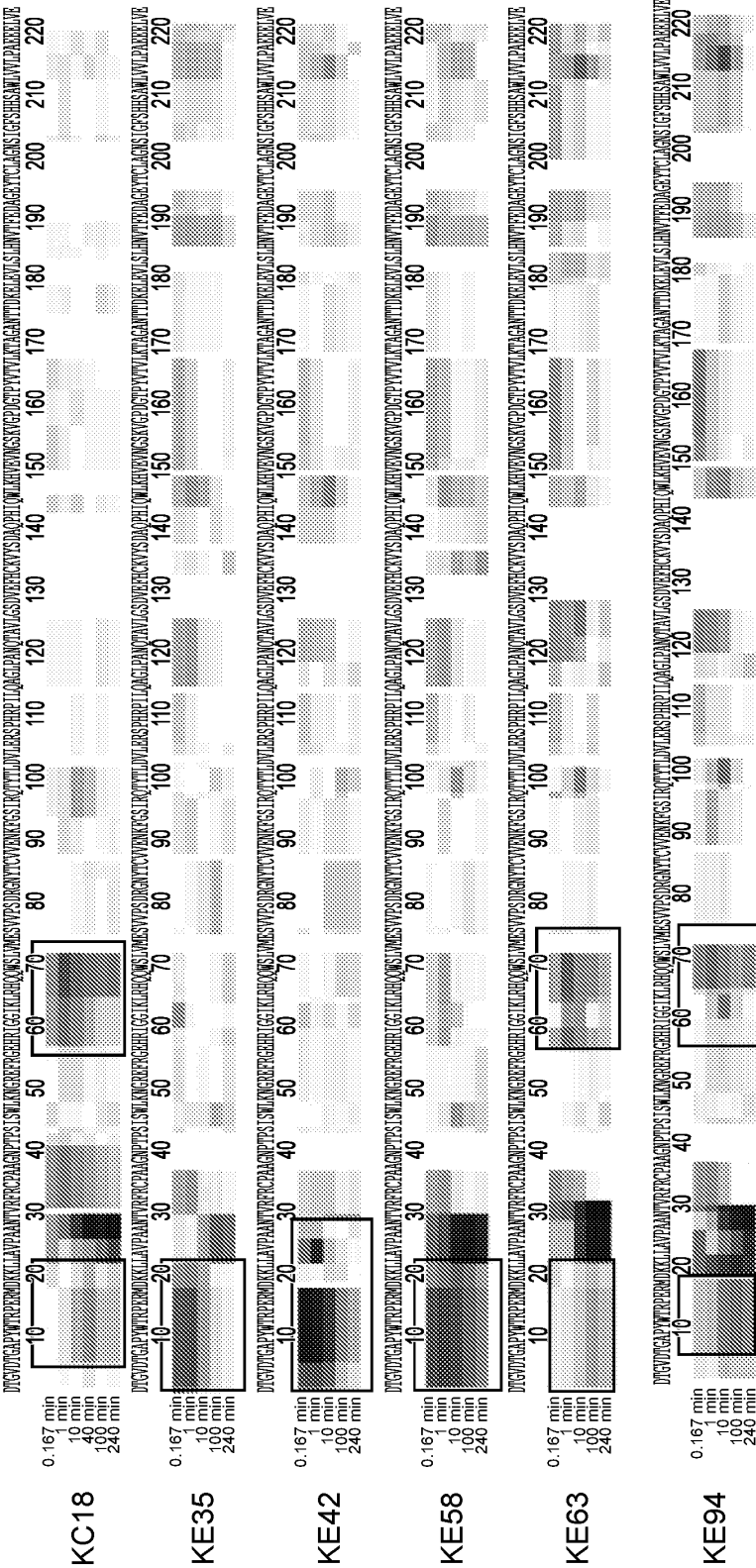


FIG. 1



Red = more protection from exchange when the control antibody (GT184) is bound
Blue = more protection from exchange when the candidate antibody is bound

FIG. 2

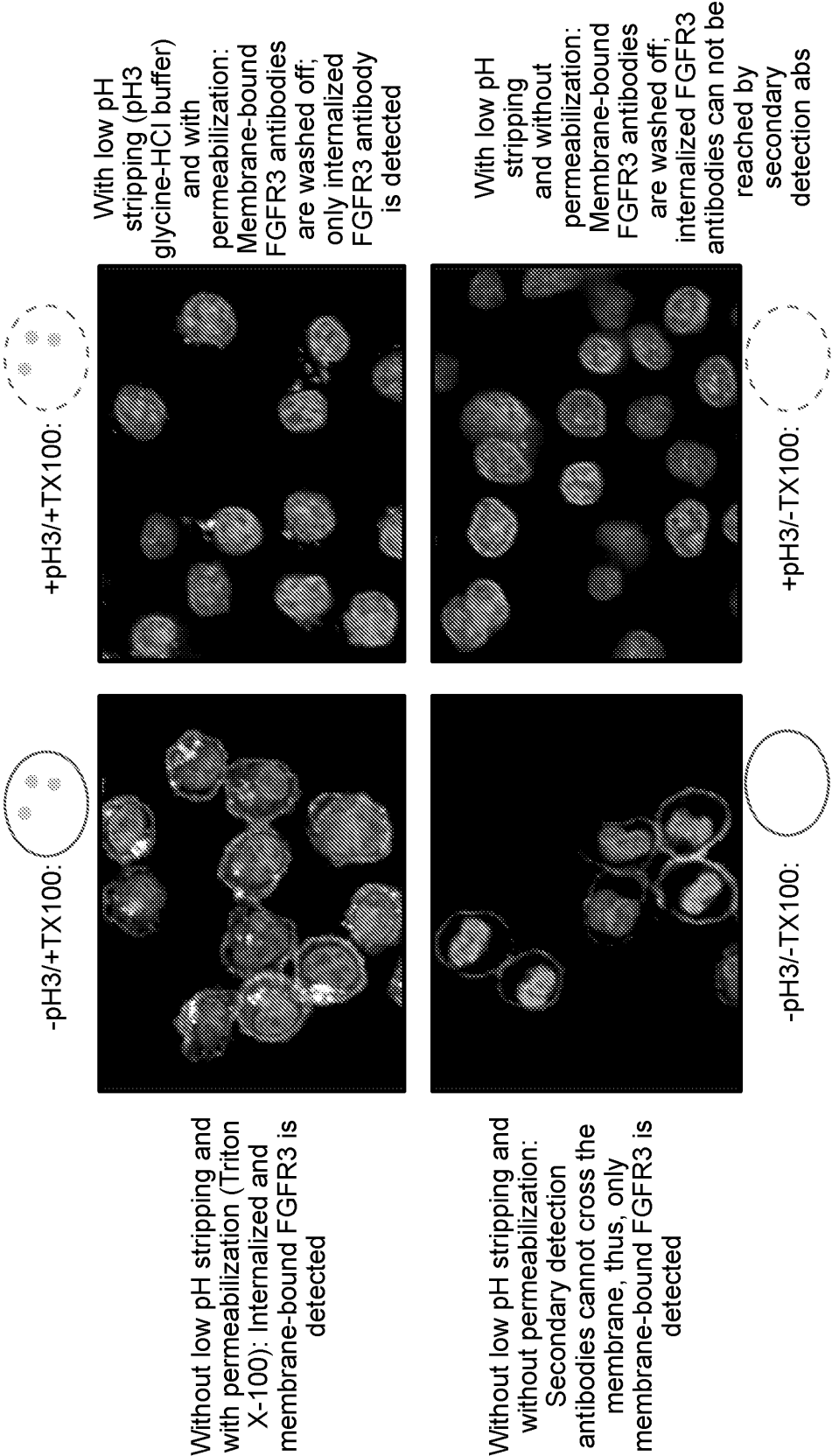


FIG. 3

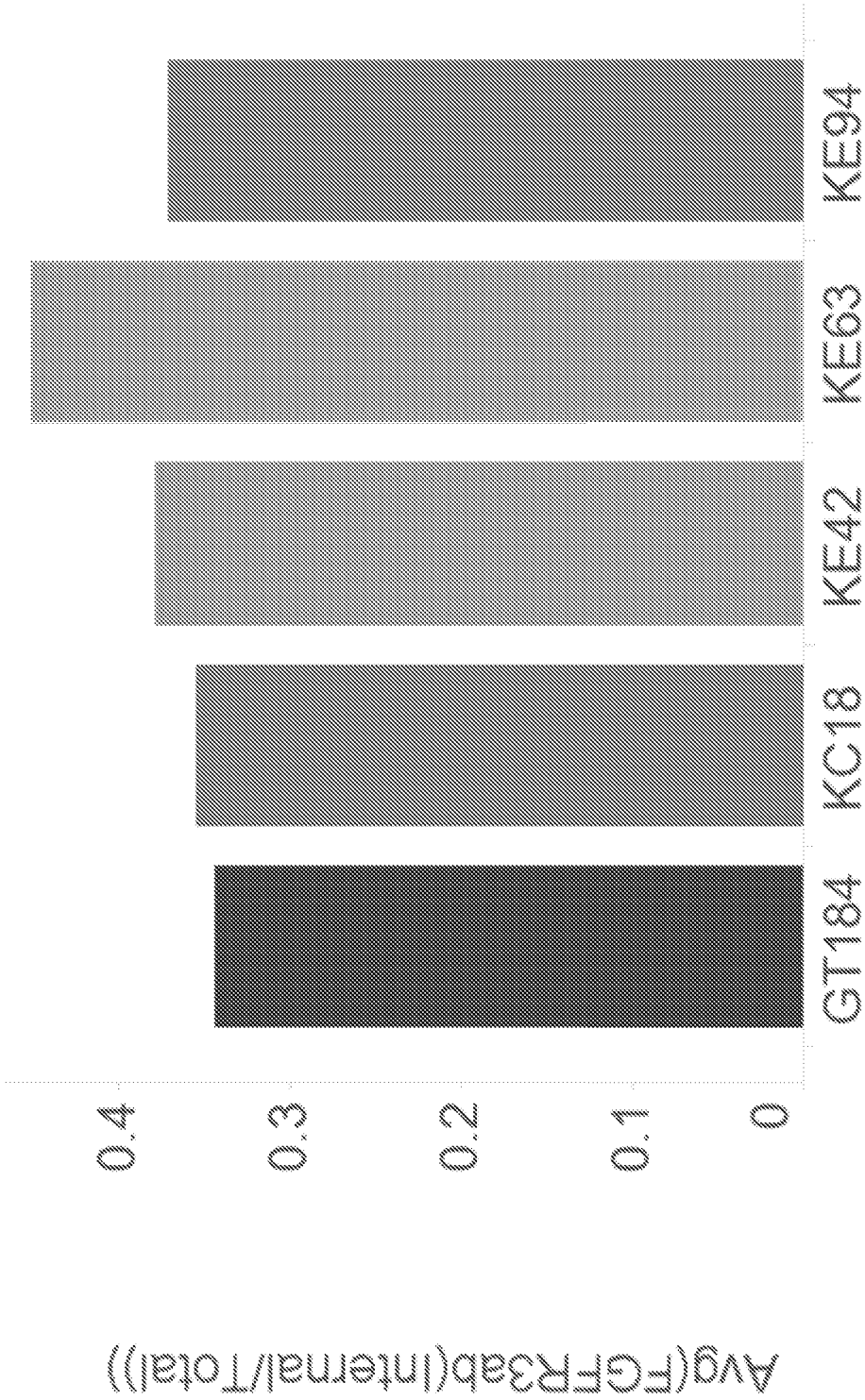
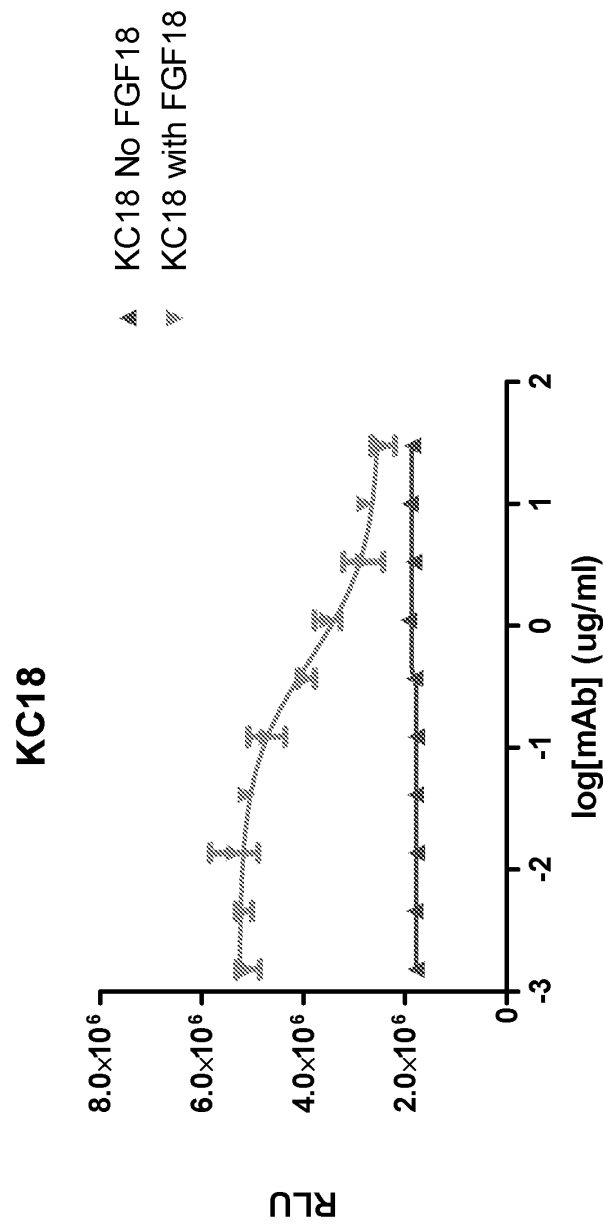


Fig. 4



	KC18 No FGF	KC18 with FGF
HillSlope	~ 17.45	-0.9639
EC50	~ 0.3902	0.5214

Fig. 5A

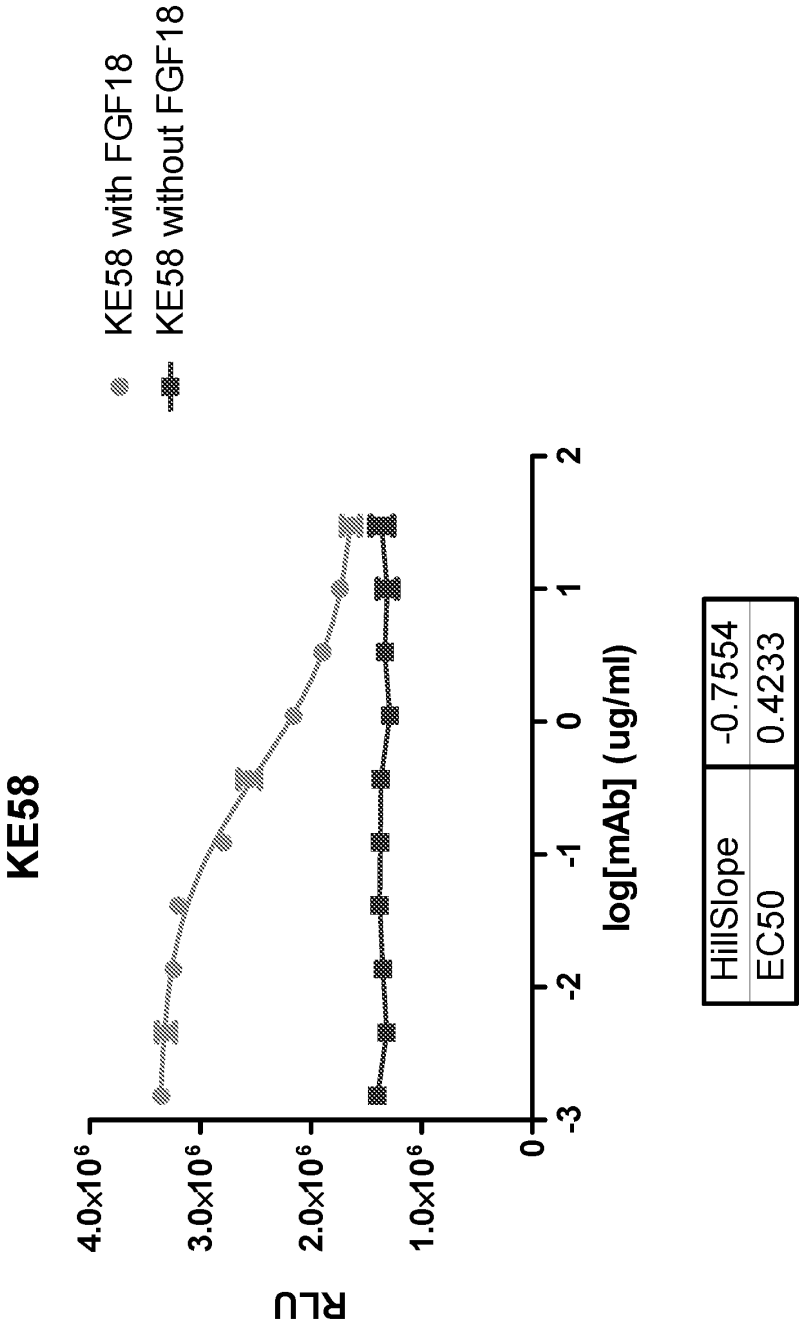


Fig. 5B

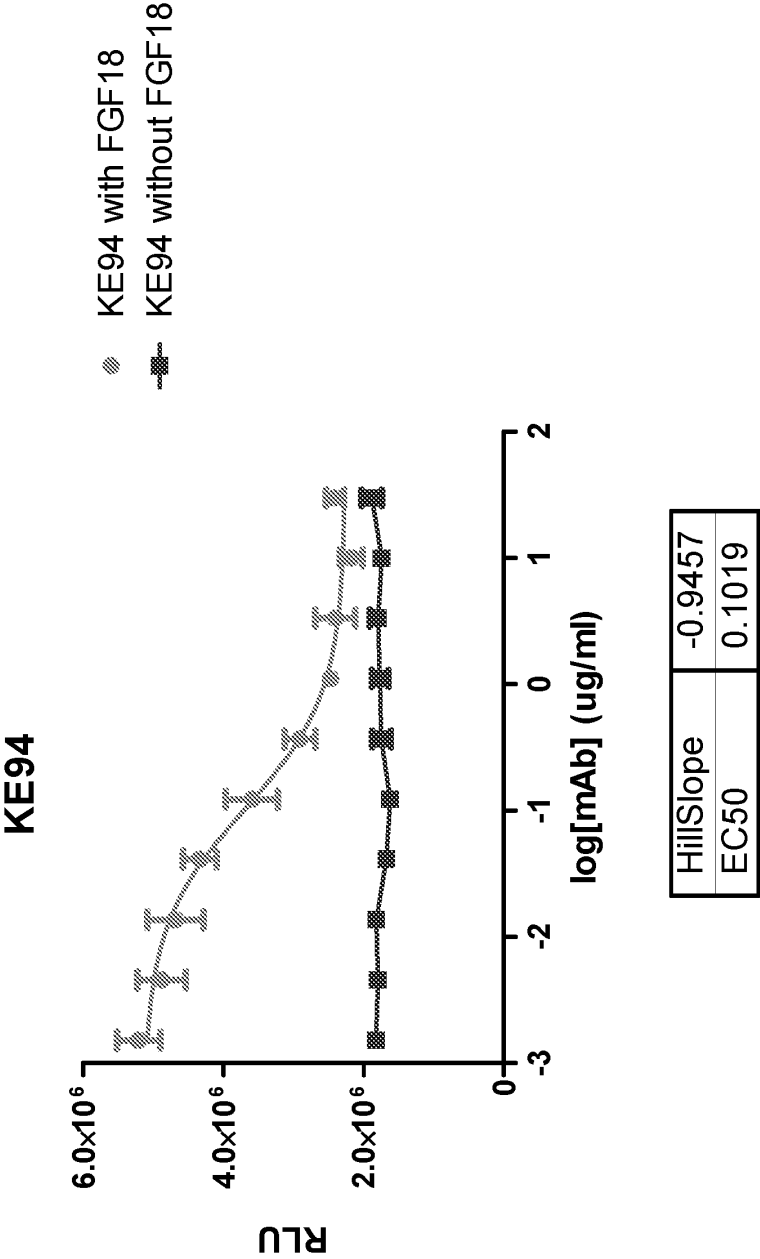


Fig. 5C

KC18_VH	1	QVQLQQSGAELVRPGASVTL	50
KE63_VH	(1)	QVQLQQSGAELVRPGASVTL	50
KE94_VH	(1)	QVQLQQSGAELVRPGASVTL	50
KC18_VH	(51)	IDPETGGTAYNQKFRGRAMLT	100
KE63_VH	(51)	IDPETGGTAYNQKFKGKAILT	100
KE94_VH	(51)	IDPETGGTAYNQKFKGKAILT	100
KC18_VH	(101)	DGYPYAMDYWGQGSTVTVSS	120
KE63_VH	(101)	DGYSQTMDYWGQGSTVTVSS	120
KE94_VH	(101)	DGYSRTMDYWGQGSTVTVSS	120
KC18_VL	1	DIVMSQSPSSLA	50
KE63_VL	(1)	DIVMSQSPSSLA	50
KE94_VL	(1)	DIVMSQSPSSLA	50
KC18_VL	(51)	KLIIYWASTRESGVPDRFTG	100
KE63_VL	(51)	KLIIYWASTRESGVPDRFTG	100
KE94_VL	(51)	KLIIYWASTRESGVPDRFTG	100
KC18_VL	(101)	RTFGGGTKLEIK	112
KE63_VL	(101)	YTFGGGTKLEMK	112
KE94_VL	(101)	YTFGGGTRLEMK	112

FIG. 6

KC18_VH_6 KC18_VH_15 KC18_VH_16	(1)	50	
		EVQLVQSGAEVKKPGATVKLSCKASGDTFTD FEI HWVQQAPGKGLEWIGD	
		EVQLVQSGAEVKKPGATVKLSCKASGDTFTD FEI HWVQQAPGKGLEWIGD	
KC18_VH_6	(1)	EVQLVQSGAEVKKPGATVKLSCKASGDTFTD FEI HWVQQAPGKGLE Y IGD	
		51	100
		V DPETGGTAYAEKFQGRATLTADRS TD TAYMELSSLRSEDTAVYYCTRTY	
KC18_VH_6	(51)	V DPETGGTAYAEKFQGRATLTADRS TD TAY L ELSSLRSEDTAVYYCTRTY	
KC18_VH_15	(51)	V DPETGGTAYAEKFQGRATLTADRS TD TAY L ELSSLRSEDTAVYYCTRTY	
KC18_VH_16	(51)	V DPETGGTAYAEKFQGRATLTADRS TD TAY L ELSSLRSEDTAVYYCTRTY	
KC18_VH_6	(101)	101 120	
		DGYPAFDYWGQGT L VTVSS (SEQ ID NO: 56)	
		DGYPAFDYWGQGT L VTVSS (SEQ ID NO: 57)	
KC18_VH_15	(101)	DGYPAFDYWGQGT L VTVSS (SEQ ID NO: 58)	
KC18_VH_16	(101)	DGYPAFDYWGQGT L VTVSS (SEQ ID NO: 58)	
KC18_VL_3 KC18_VL_14 KC18_VL_15	(1)	50	
		DIVMTQSPDSLAVSLGERATINCKSSQSVLYSNN KN YLA WY QQKPGQSP	
		DIVMTQSPDSLAVSLGERVTINCKSSQSVLYSD NQ KNYLA WY QQKPGQSP	
KC18_VL_3	(51)	DIVMTQSPDSLAVSLGERVTINCKSSQSVLYSD NQ KNYLA WY QQKPGQSP	
		51	100
		KLLIYWASTRESGV P DRFSGSGGT D FTLTIS S VQAE D VAVY C QQYYSY	
KC18_VL_14	(51)	KLLIYWASTRESGV P DRFSGSGGT D FTLTIS S VQAE D VAVY C QQYYSY	
KC18_VL_15	(51)	KLLIY F ASTRESGV P DRFSGSGGT D FTLTIS S VQAE D VAVY C QQYYSY	
KC18_VL_3 KC18_VL_14 KC18_VL_15	(101)	101 112	
		RTFGGGTK V EIK (SEQ ID NO: 59)	
		RTFGGGTK L EIK (SEQ ID NO: 60)	
KC18_VL_15	(101)	RTFGGGTK L EIK (SEQ ID NO: 61)	

FIG. 7

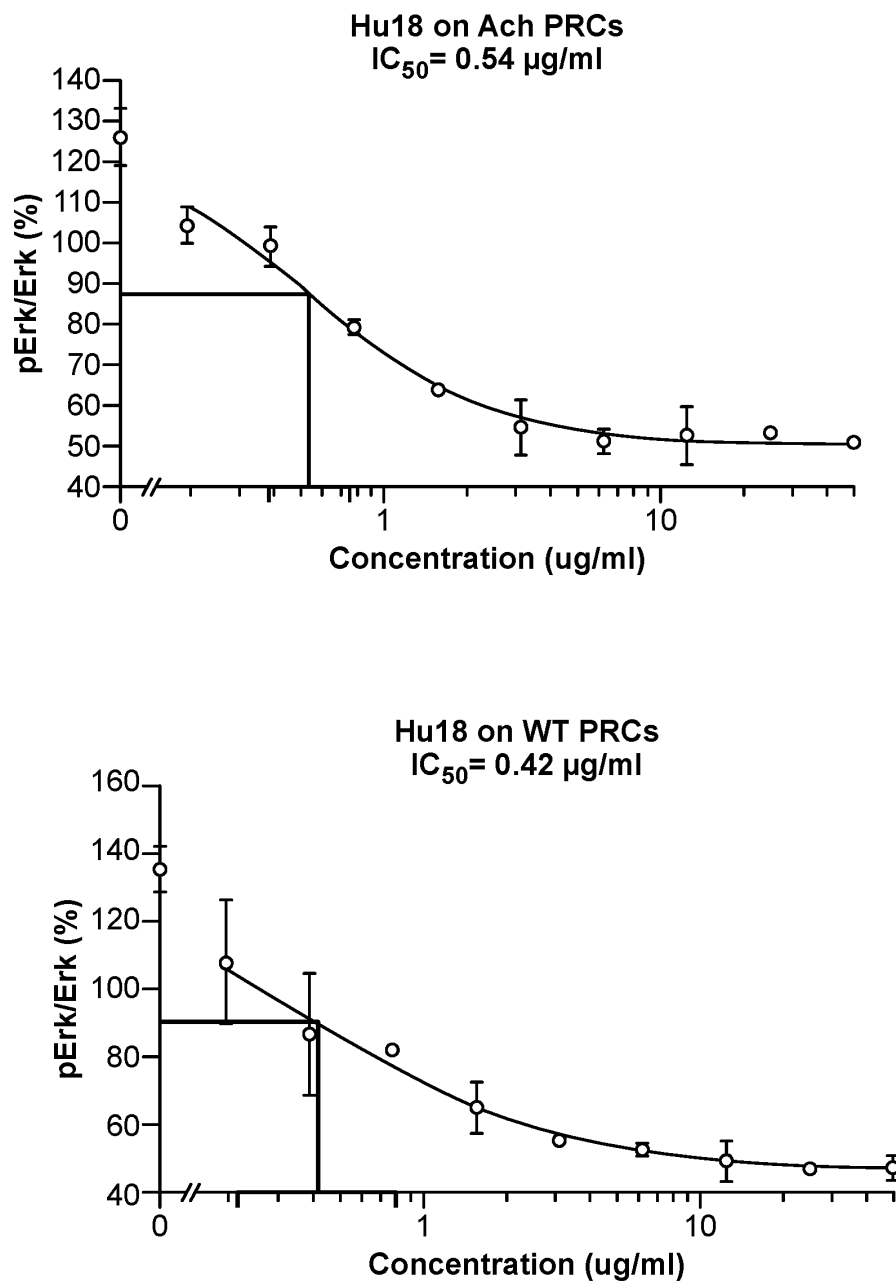


FIG. 8A

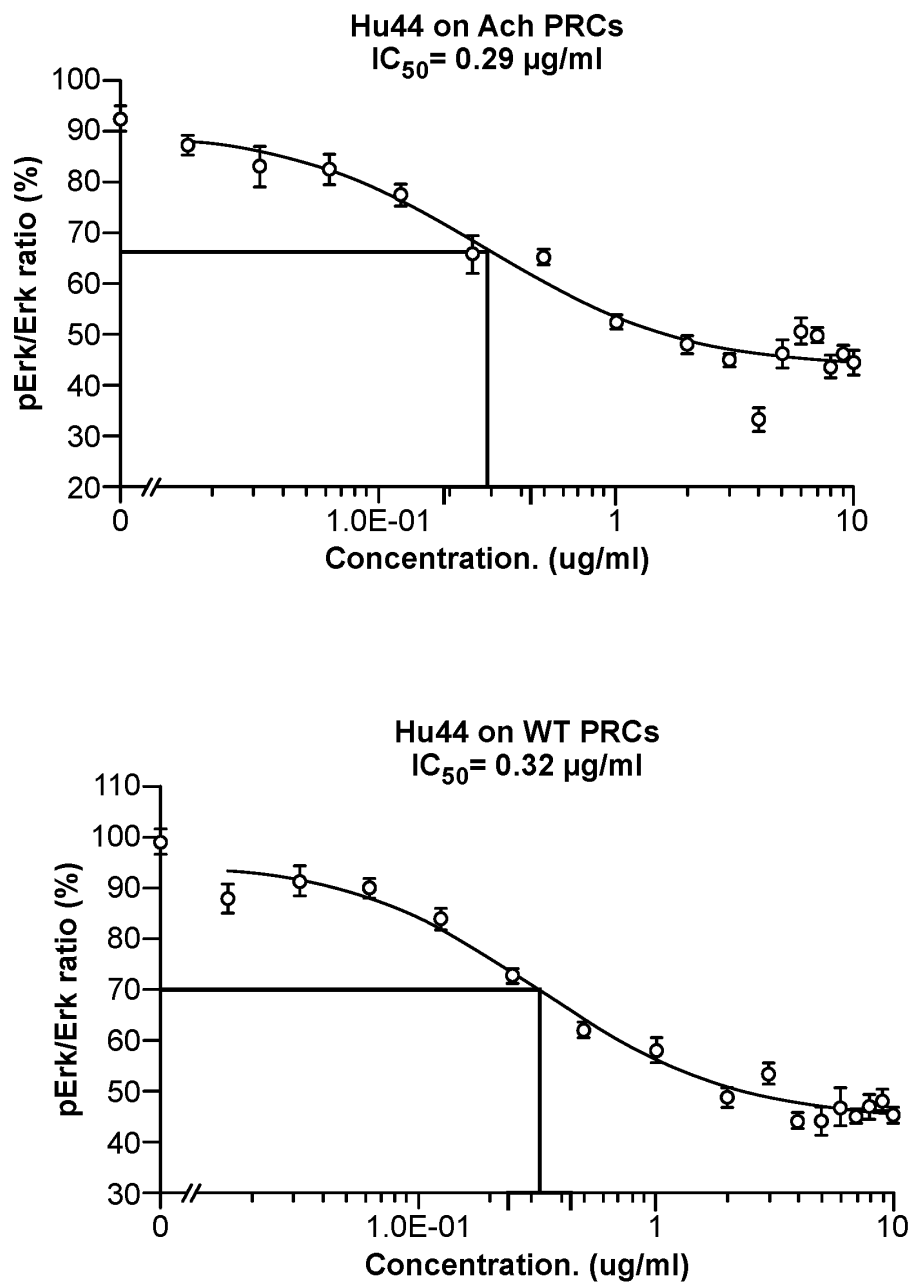


FIG. 8B

SUBSTITUTE SHEET (RULE 26)

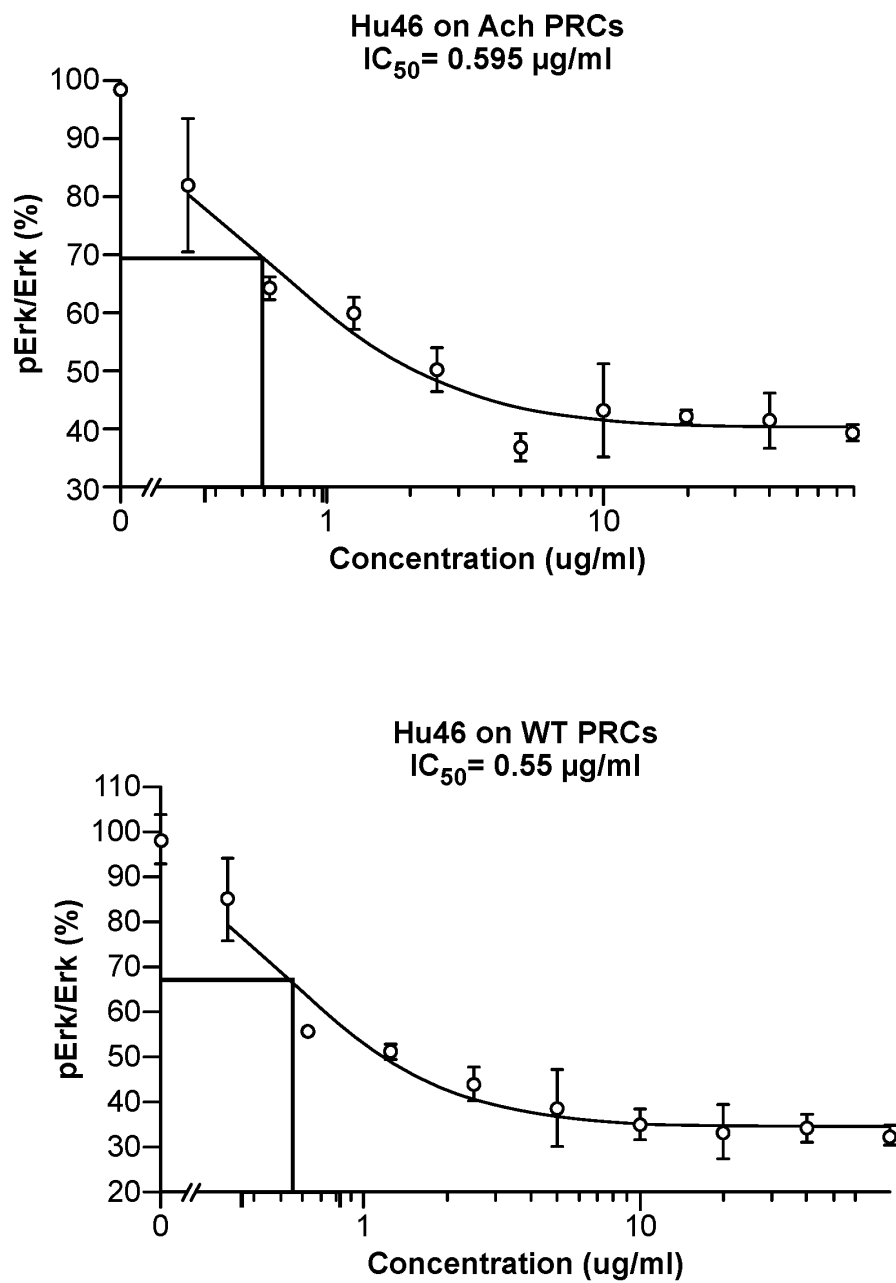


FIG. 8C

SUBSTITUTE SHEET (RULE 26)

Fig. 9A

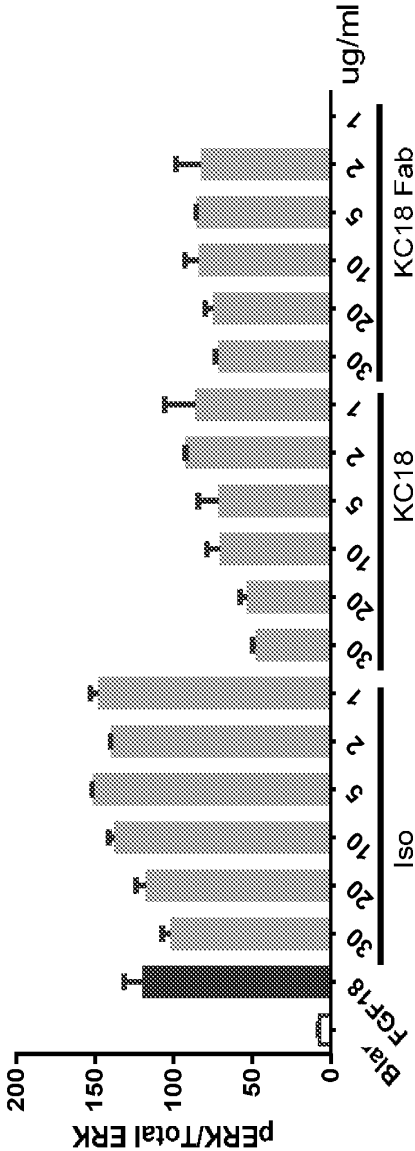
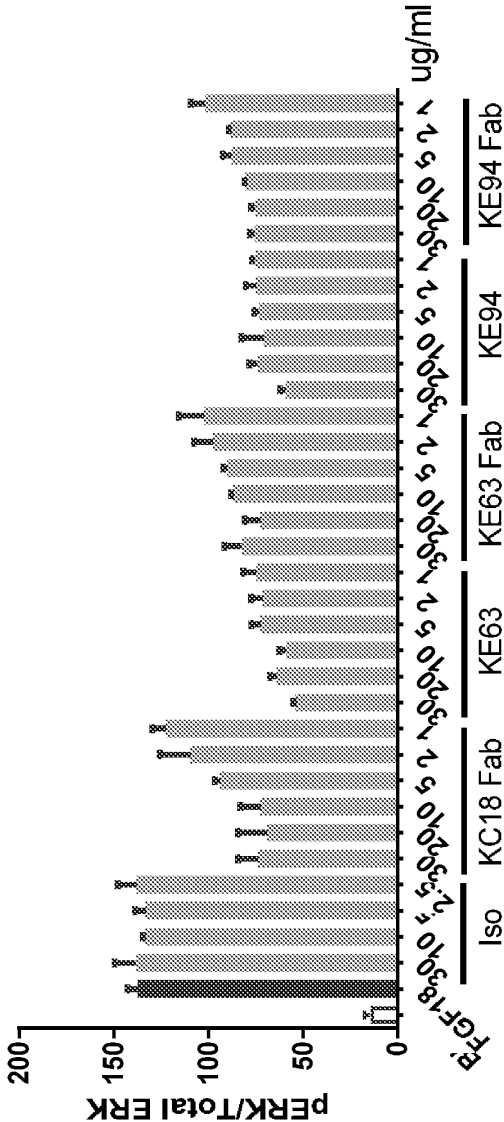


Fig. 9B



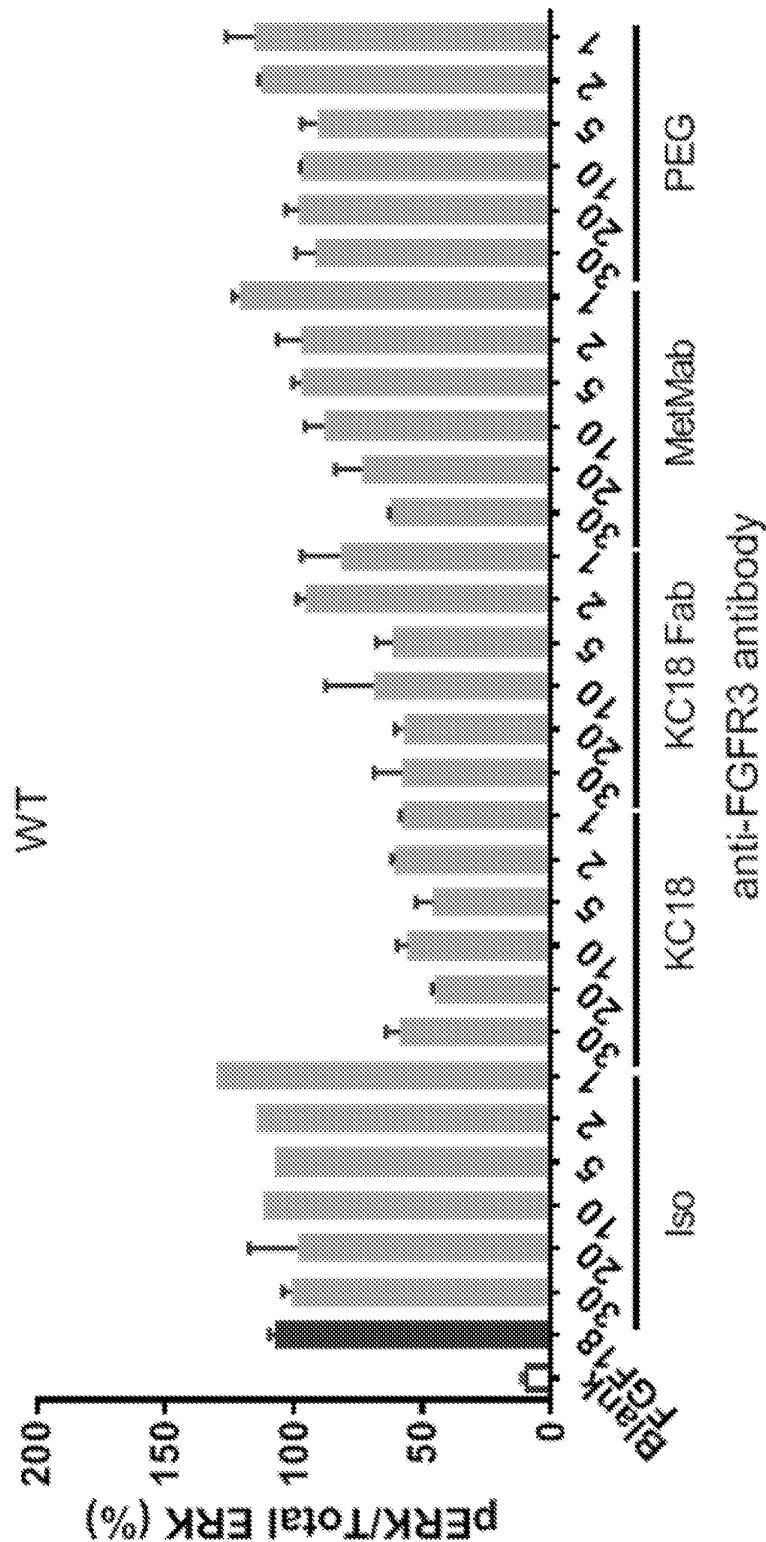


Fig. 10A

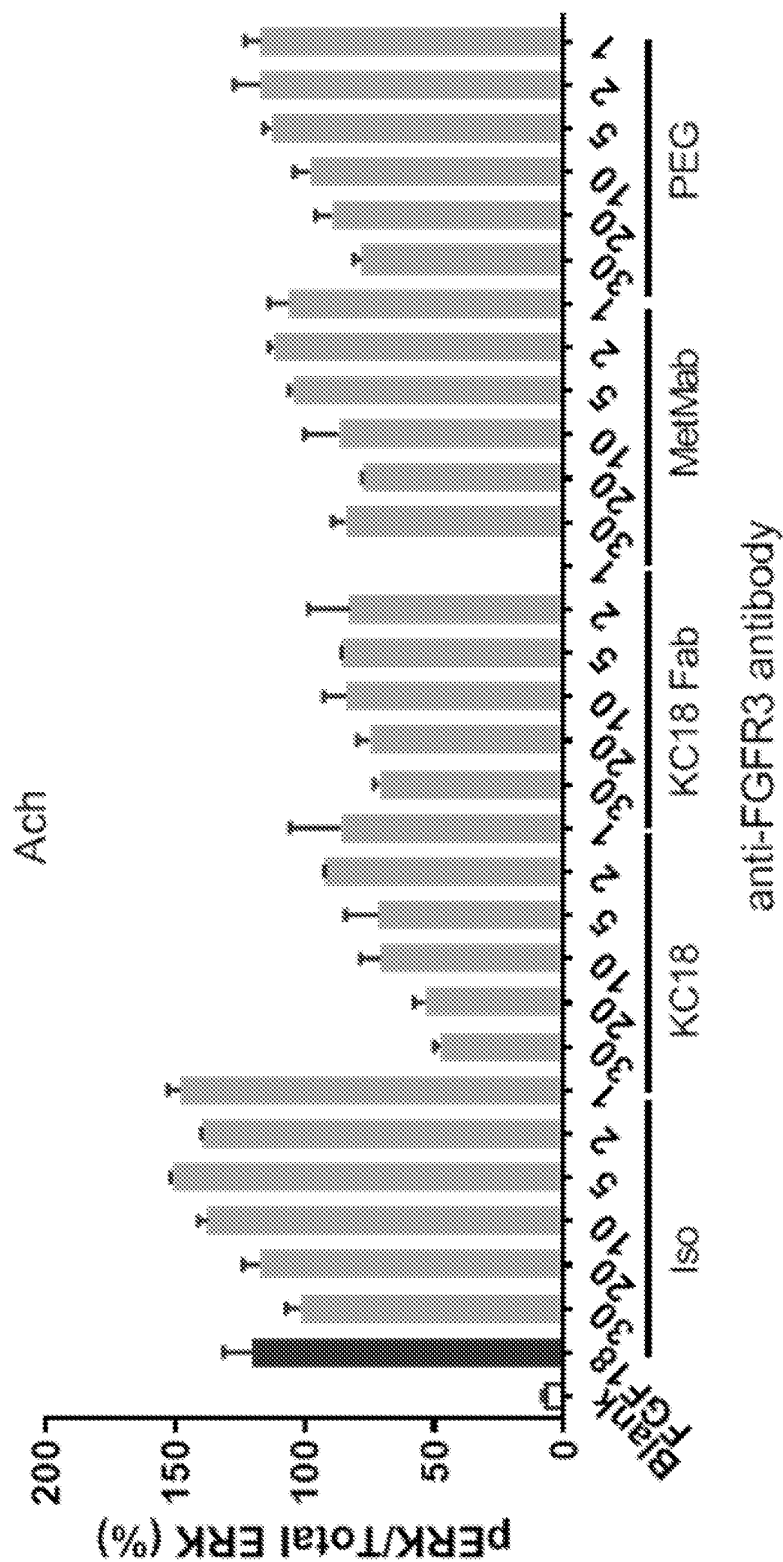


Fig. 10B

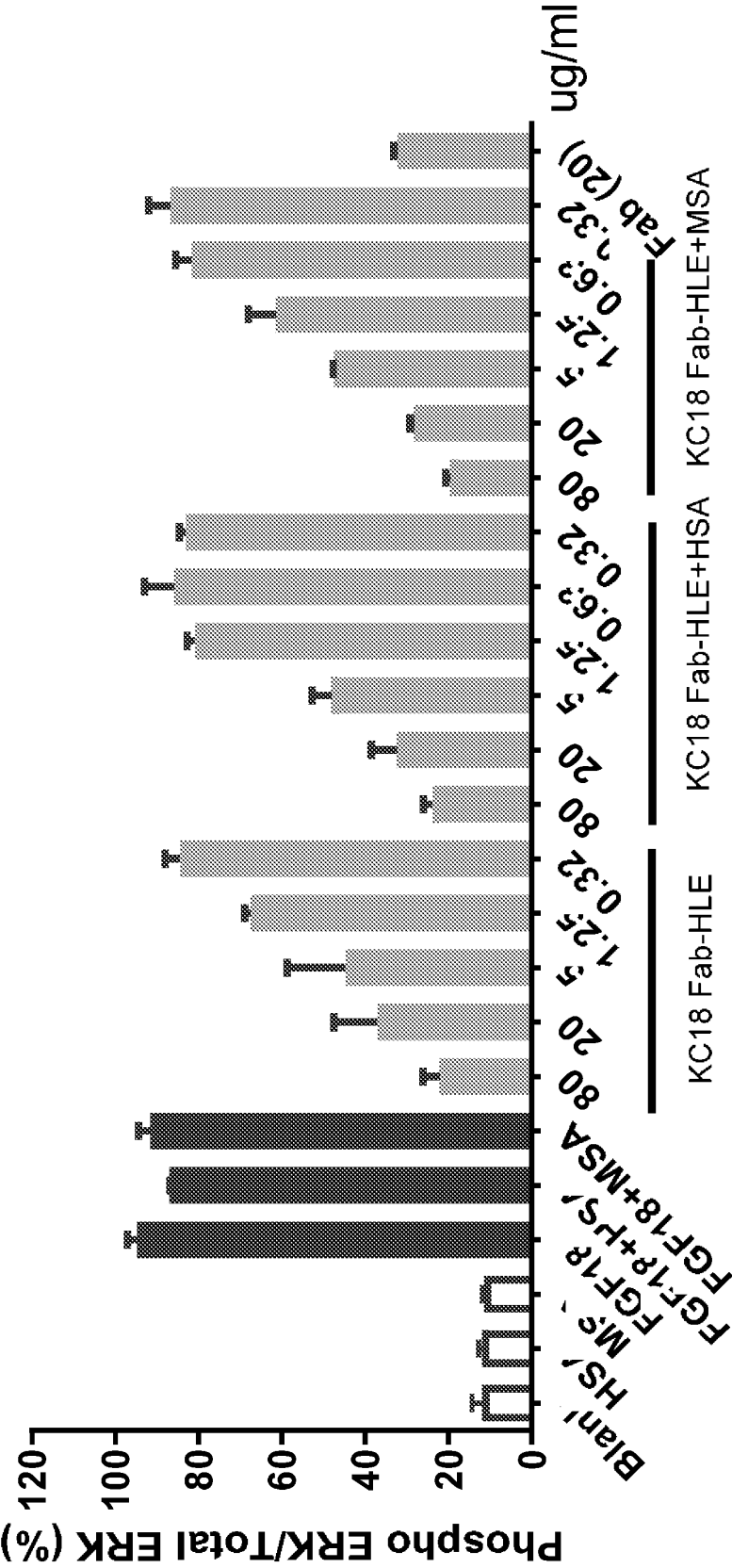


Fig. 10C

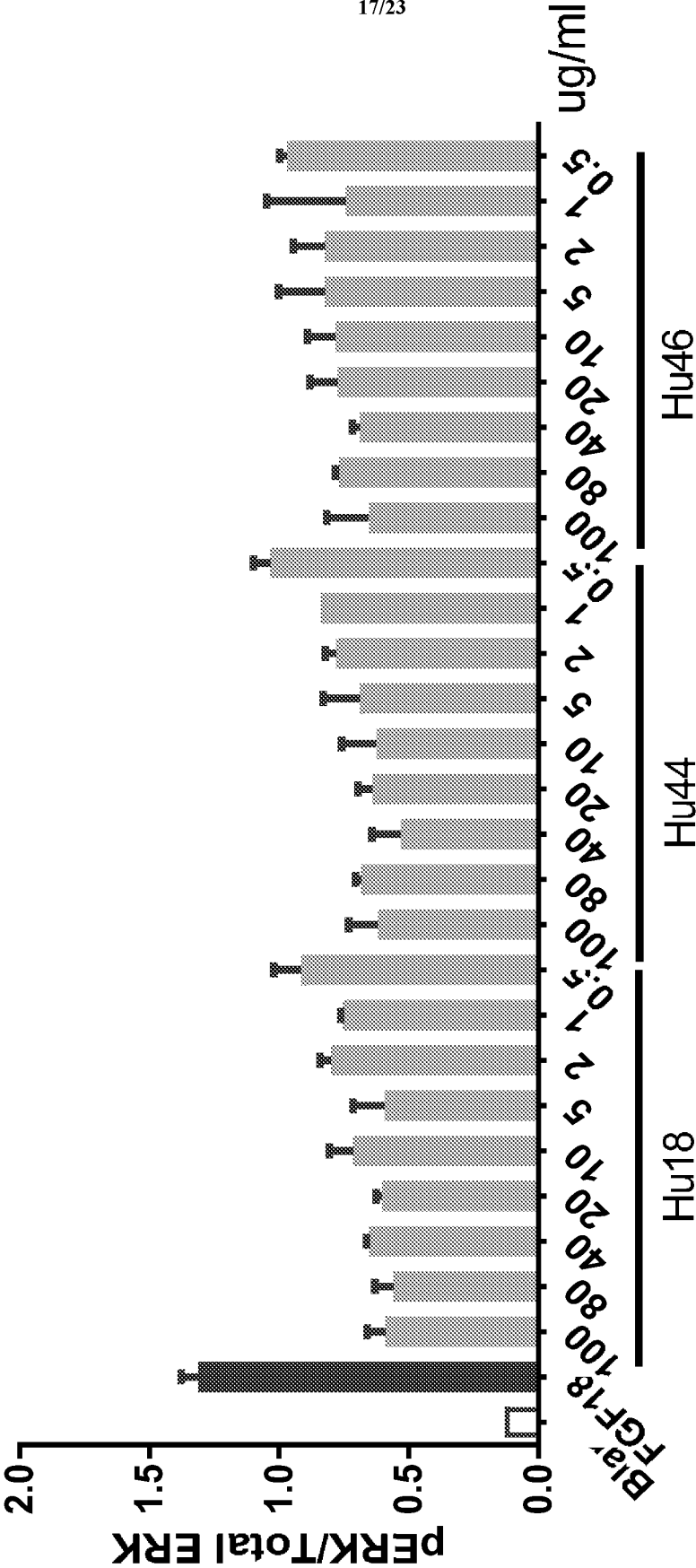


Fig. 11

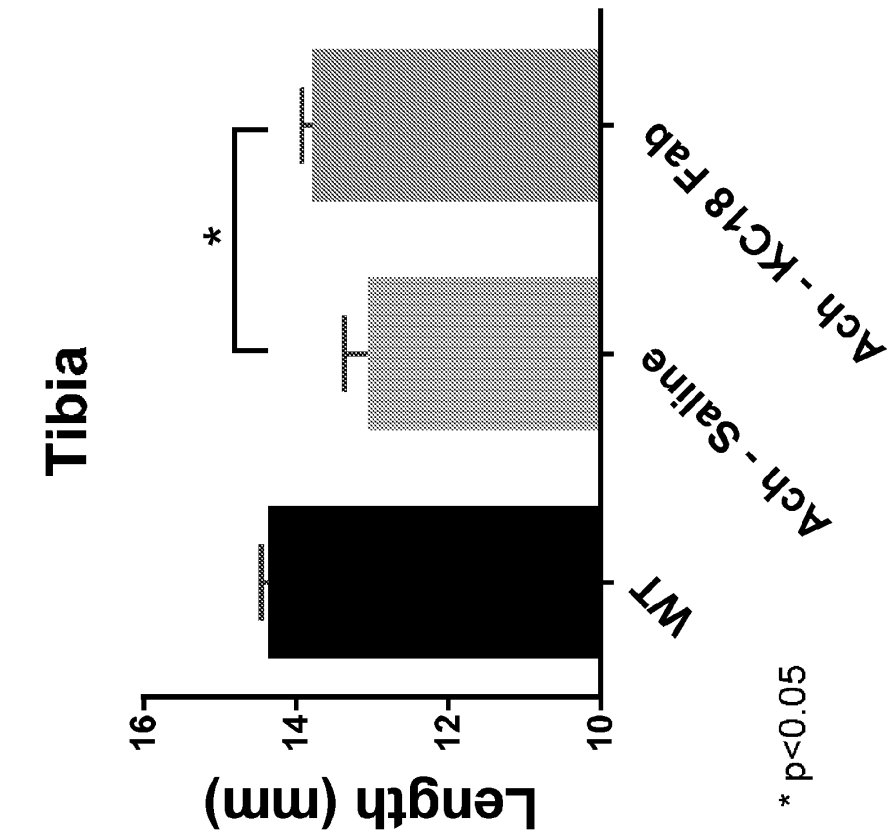


Fig. 12A

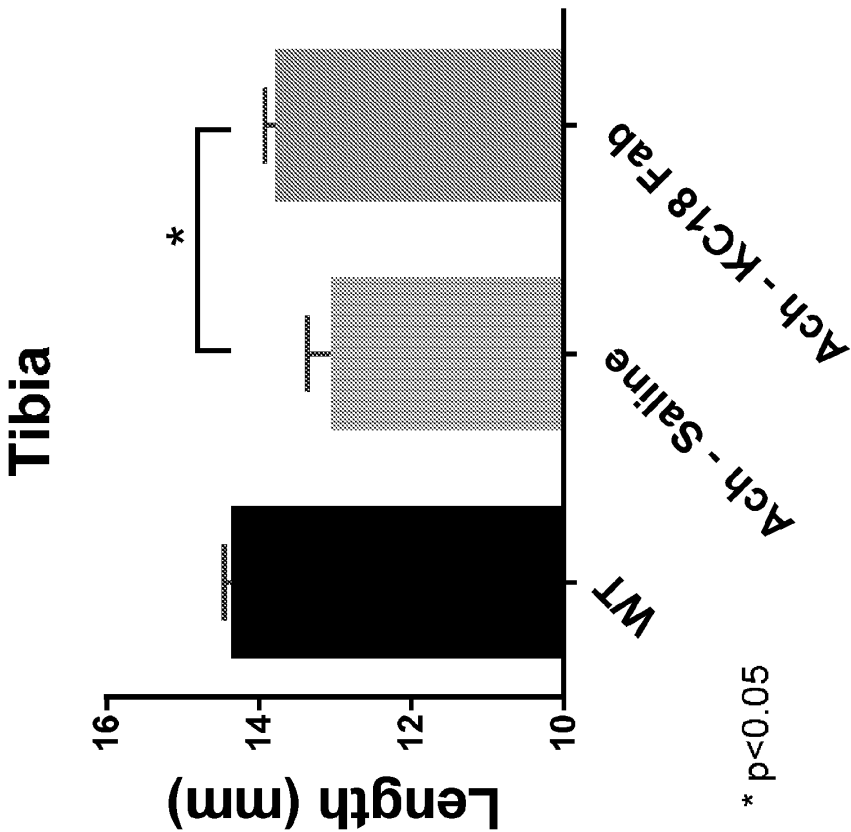


Fig. 12B

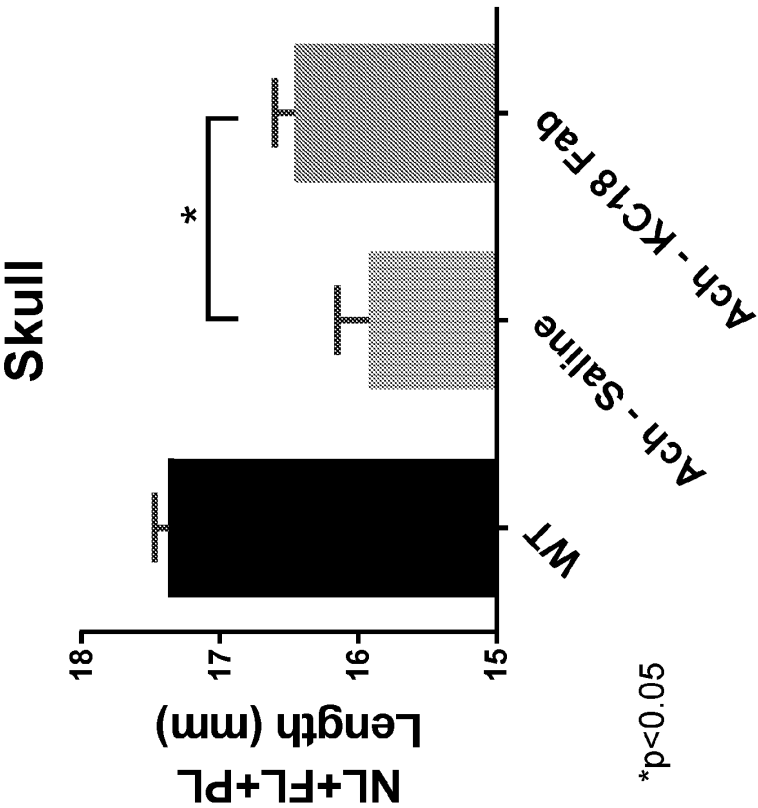


Fig. 13B

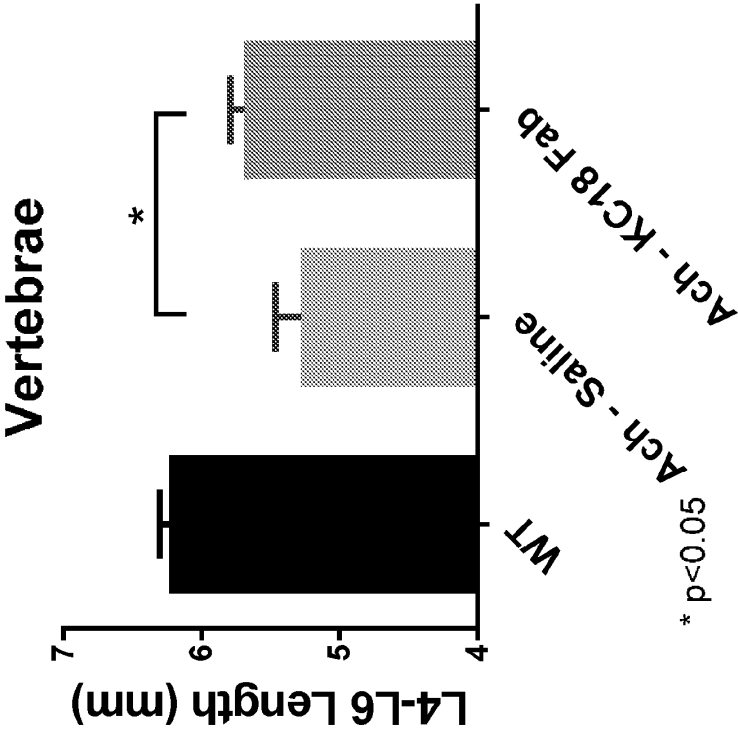
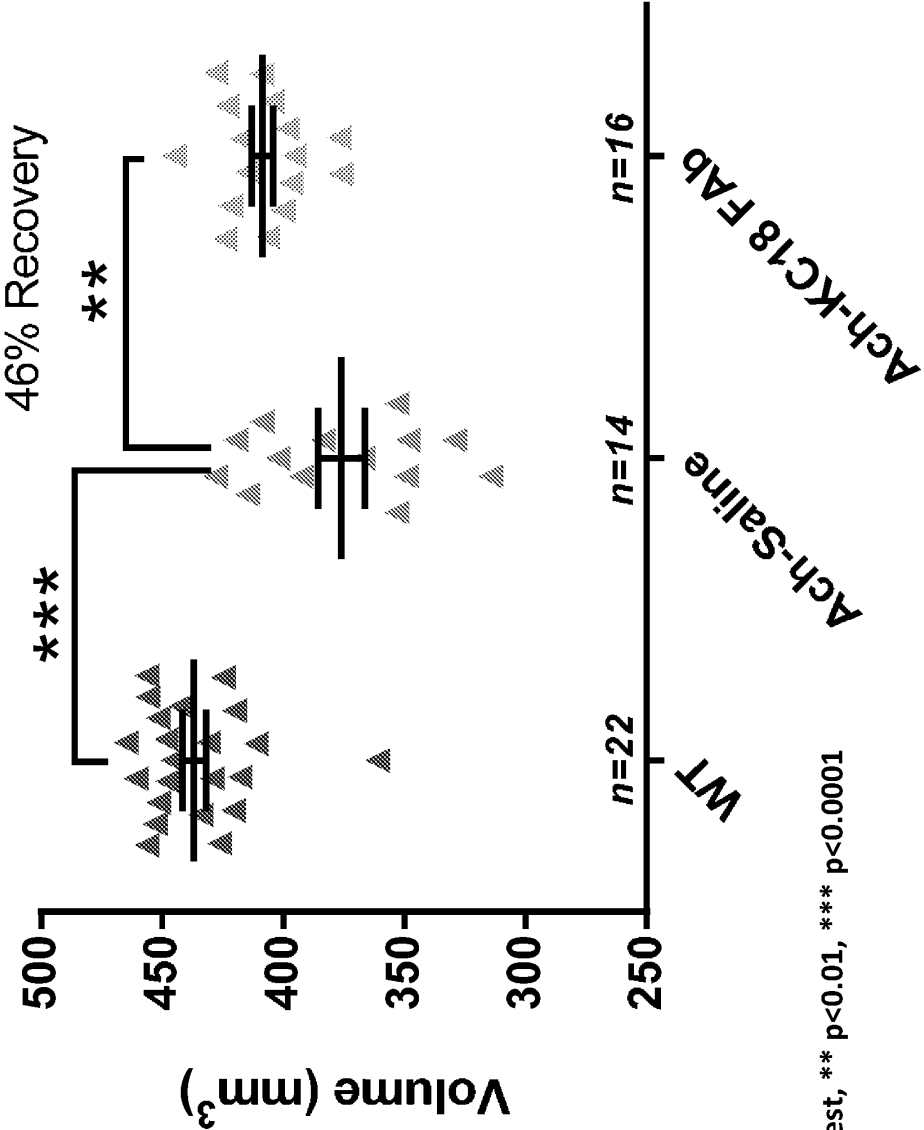


Fig. 13A



One-tail t-test, ** p<0.01, *** p<0.0001

Fig. 14

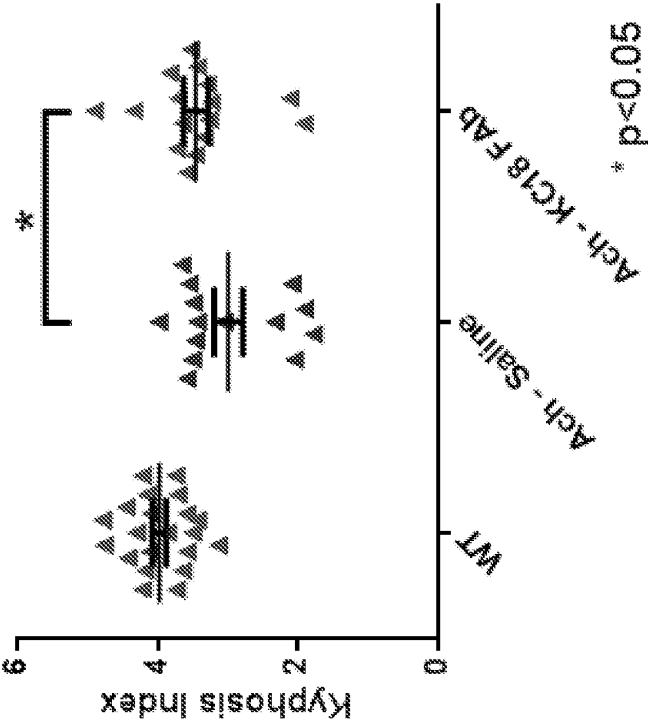


Fig. 15A

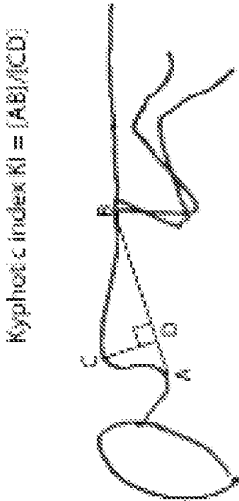


Fig. 15B

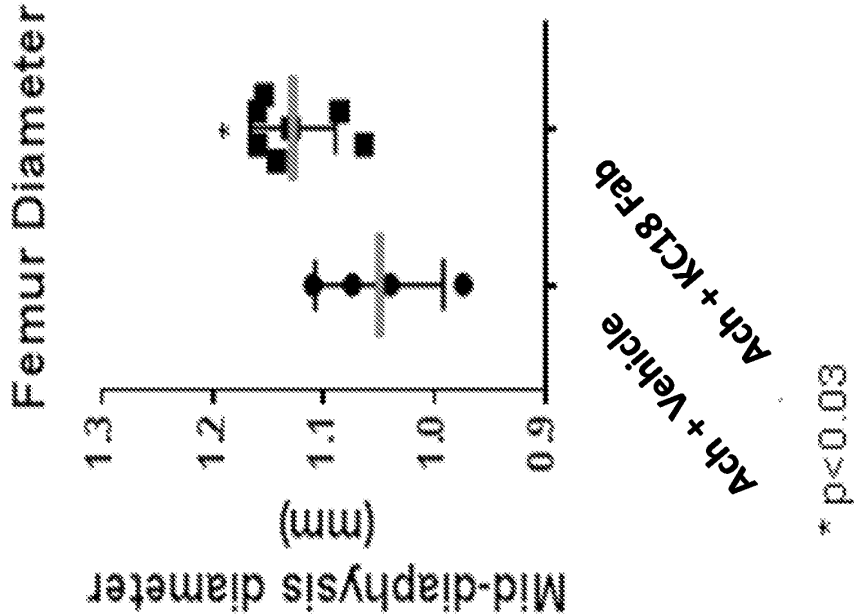


Fig. 16B

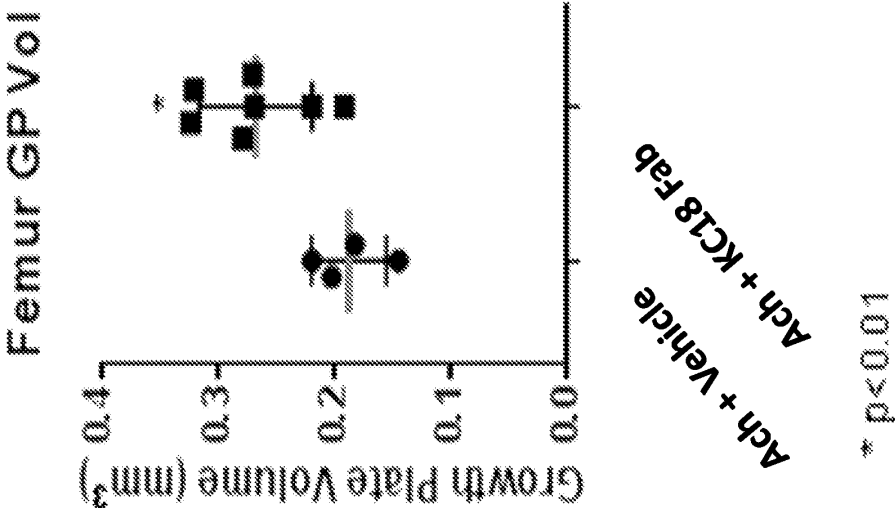


Fig. 16A

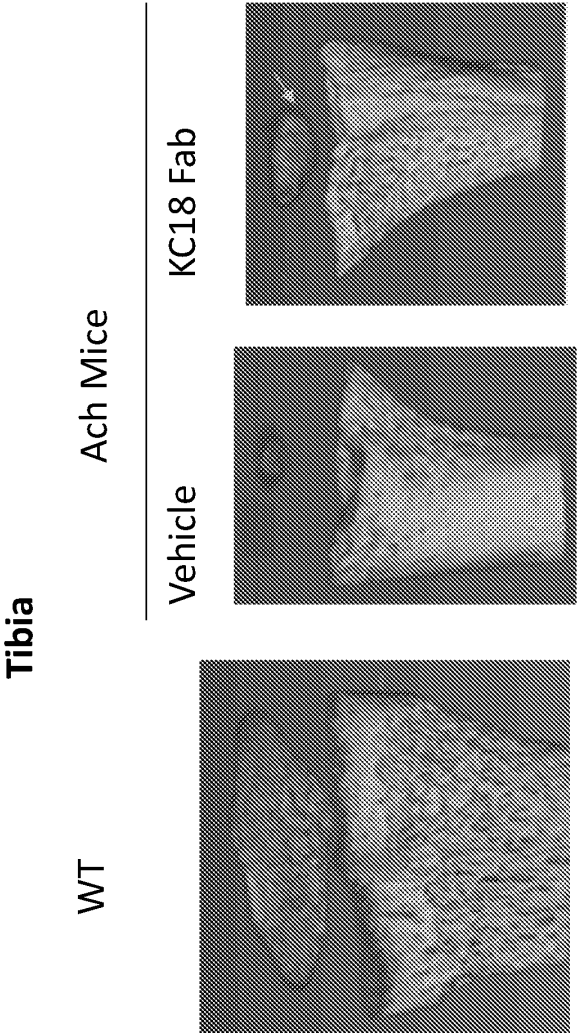


Fig. 17