

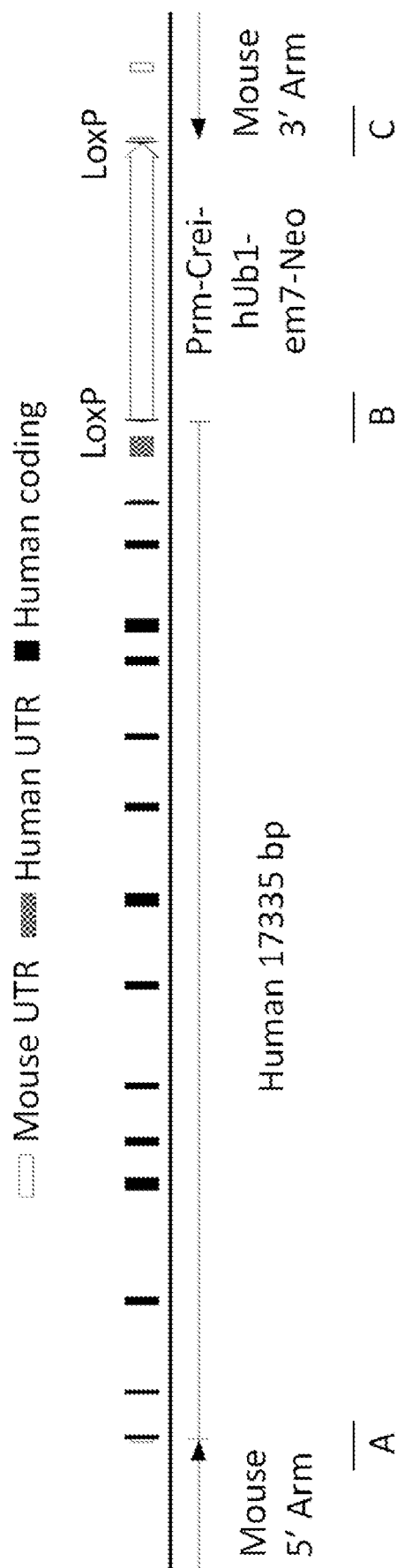


FIG. 1A

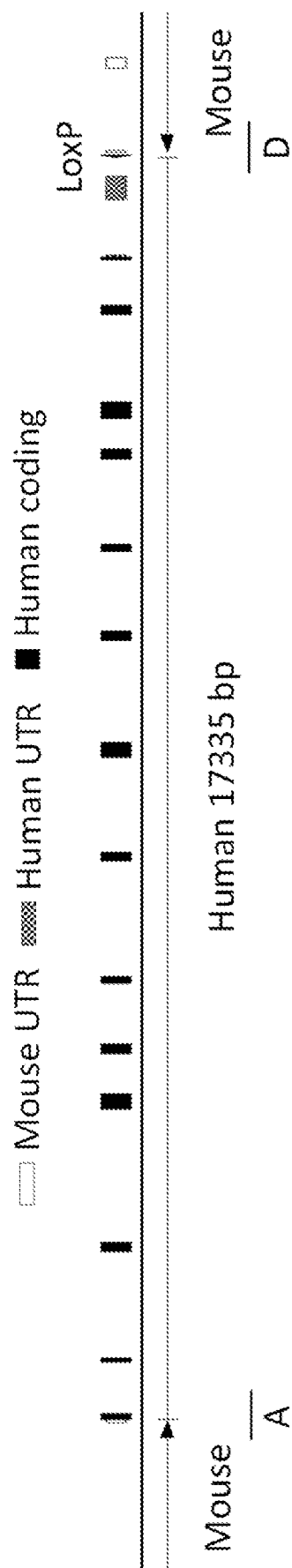


FIG. 1B

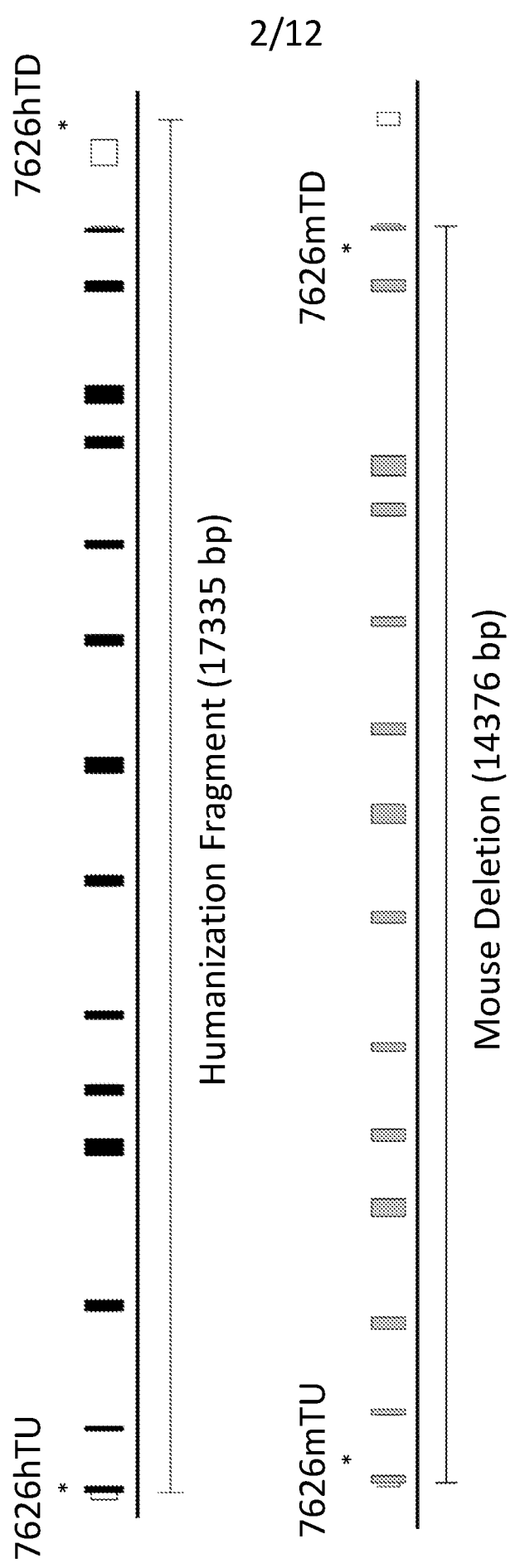


FIG. 2

	Signal peptide	Propeptide	Serum peptide	
mouse Alb	1	MKWVTFLLLLFVSGSAFSGVFRREAHKSEIAHRYNDLGEQHFGLVLI	IAFSQYLQKCSY	60
human ALB	1	MKWVTFISLLFLFSSAYS	RGVFRDAHKSEVAH	60
7626 HumIn Prot	1	MKWVTFISLLFLFSSAYS	RGVFRDAHKSEVAH	60
		***** **	***** **	*
		***** **	***** **	*
		***** **	***** **	*
mouse Alb	61	DEHAKLVQEVTDFAKTCVADESA	ANCDKSLHTLFGDKLCAIPNL	120
human ALB	61	EDHVKLVNEVTEFAKTCVADESA	ENCDKSLHTLFGDKLCTVATL	120
7626 HumIn Prot	61	EDHVKLVNEVTEFAKTCVADESA	ENCDKSLHTLFGDKLCTVATL	120
		*	*****	*** **
		*	*****	*** **
		*	*****	*** **
mouse Alb	121	ERNECFLOHKDDNP	SLPFFERPEAEAMCTSF	180
human ALB	121	ERNECFLOHKDDNP	RLVRPEVDVMCTAFHDNEET	180
7626 HumIn Prot	121	ERNECFLOHKDDNP	RLVRPEVDVMCTAFHDNEET	180
		***** **	***** **	*****
		***** **	***** **	*****
		***** **	***** **	*****
mouse Alb	181	YAEQYNEILTQCCAEADKESCL	TPKLDGVKEKALVSSVRQRMK	240
human ALB	181	FAKRYKAAFTGCCQAADKAAC	LLPKLDELREDEGKASSAKQRL	240
7626 HumIn Prot	181	FAKRYKAAFTGCCQAADKAAC	LLPKLDELREDEGKASSAKQRL	240
		*	*****	*****
		*	*****	*****
		*	*****	*****
mouse Alb	241	ARLSQTFPNADFAEITKLATD	LTKVNKECCHGDLLECA	300
human ALB	241	ARLSQRFPAEFAEVSKLVTD	LTKVHTECCCHGDLLECA	300
7626 HumIn Prot	241	ARLSQRFPAEFAEVSKLVTD	LTKVHTECCCHGDLLECA	300
		***** **	***** **	*****
		***** **	***** **	*****
		***** **	***** **	*****
mouse Alb	301	TCCDKPLLKKAHCLSEVEHDT	MPADLP	360
human ALB	301	ECCEKPLLEKSHCIAEVENDE	MADLP	360
7626 HumIn Prot	301	ECCEKPLLEKSHCIAEVENDE	MADLP	360
		**	*****	*****
		**	*****	*****
		**	*****	*****

FIG. 3A

Serum peptide

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mouse Alb      361 RHPDYSVSLRLRAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKNLVKTNCDLYE 420
human ALB      361 RHPDYSVVLRLRAKTYETTLKCCAAADPHECYAKVDFEFKPLVEEPQNLIKQNCLEFE 420
7626 HumIn Prot 361 RHPDYSVVLRLRAKTYETTLKCCAAADPHECYAKVDFEFKPLVEEPQNLIKQNCLEFE 420
***** ** ***** * * * * * ***** ** * * * * *

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mouse Alb      421 KLGEYGFQNAILVRYTQKAPQVSTPTLVEARNLGRVGTKCCTLPEDQRLPCVEDYLSAI 480
human ALB      421 QLGEYKFQNALLVRYTKKVPQVSTPTLVEVSRNLGKVGSKCKHPEAKRMPCAEYLSVV 480
7626 HumIn Prot 421 QLGEYKFQNALLVRYTKKVPQVSTPTLVEVSRNLGKVGSKCKHPEAKRMPCAEYLSVV 480
***** ** ***** * * * * * ***** ** * * * * *

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mouse Alb      481 LNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETYVPKEFKAETTFHSDICTL 540
human ALB      481 LNQLCVLHEKTPVSDRVTKCCTESLVNRRPCFSALEVDETYVPKEFNAETTFHADICTL 540
7626 HumIn Prot 481 LNQLCVLHEKTPVSDRVTKCCTESLVNRRPCFSALEVDETYVPKEFNAETTFHADICTL 540
** * ***** ** ***** ** ***** ***** ***** *****

-----
mouse Alb      541 PEKEQIKKQTALAEVLVKKPKKATAEQLKTMDDFAQFLDTCCCKAADKDTCFSTEGPNLV 600
human ALB      541 SEKERQIKKQTALVELVKKHKPKATKEQLKAVMDDFAAFVEKCKCKADDKETCFAEEGKKLV 600
7626 HumIn Prot 541 SEKERQIKKQTALVELVKKHKPKATKEQLKAVMDDFAAFVEKCKCKADDKETCFAEEGKKLV 600
*** ***** ***** ***** ***** * ***** ** * * * * *

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mouse Alb      601 TRCKDALA 608 (SEQ ID NO: 1)
human ALB      601 AASQAALGL 609 (SEQ ID NO: 5)
7626 HumIn Prot 601 AASQAALGL 609 (SEQ ID NO: 5)
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FIG. 3B

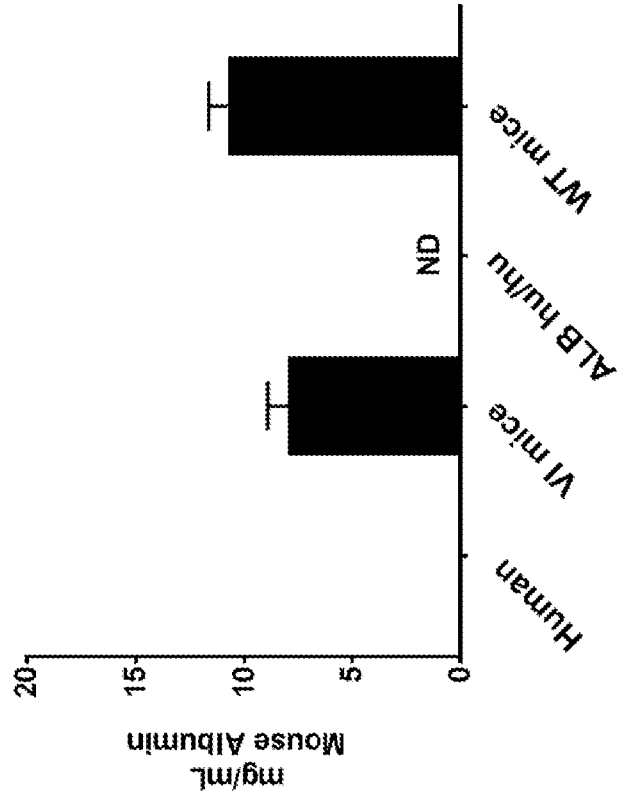


FIG. 5

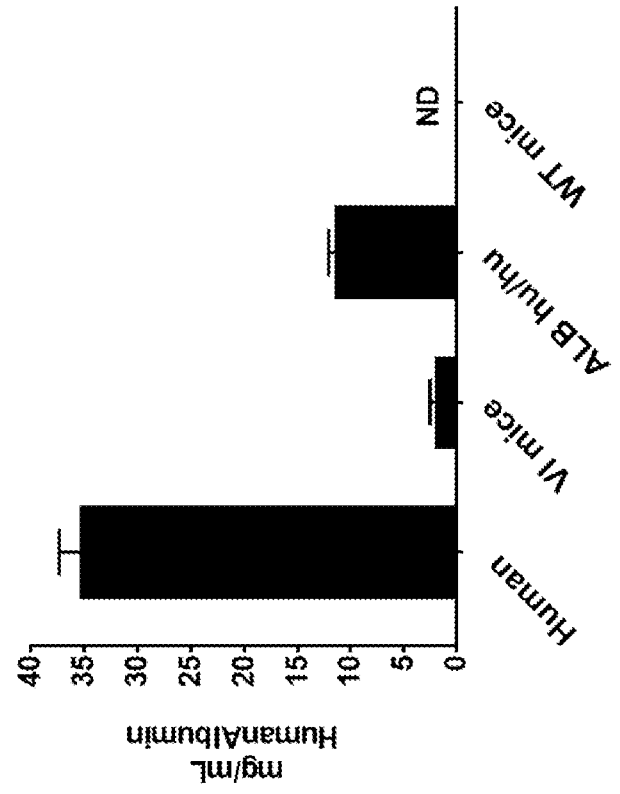


FIG. 4

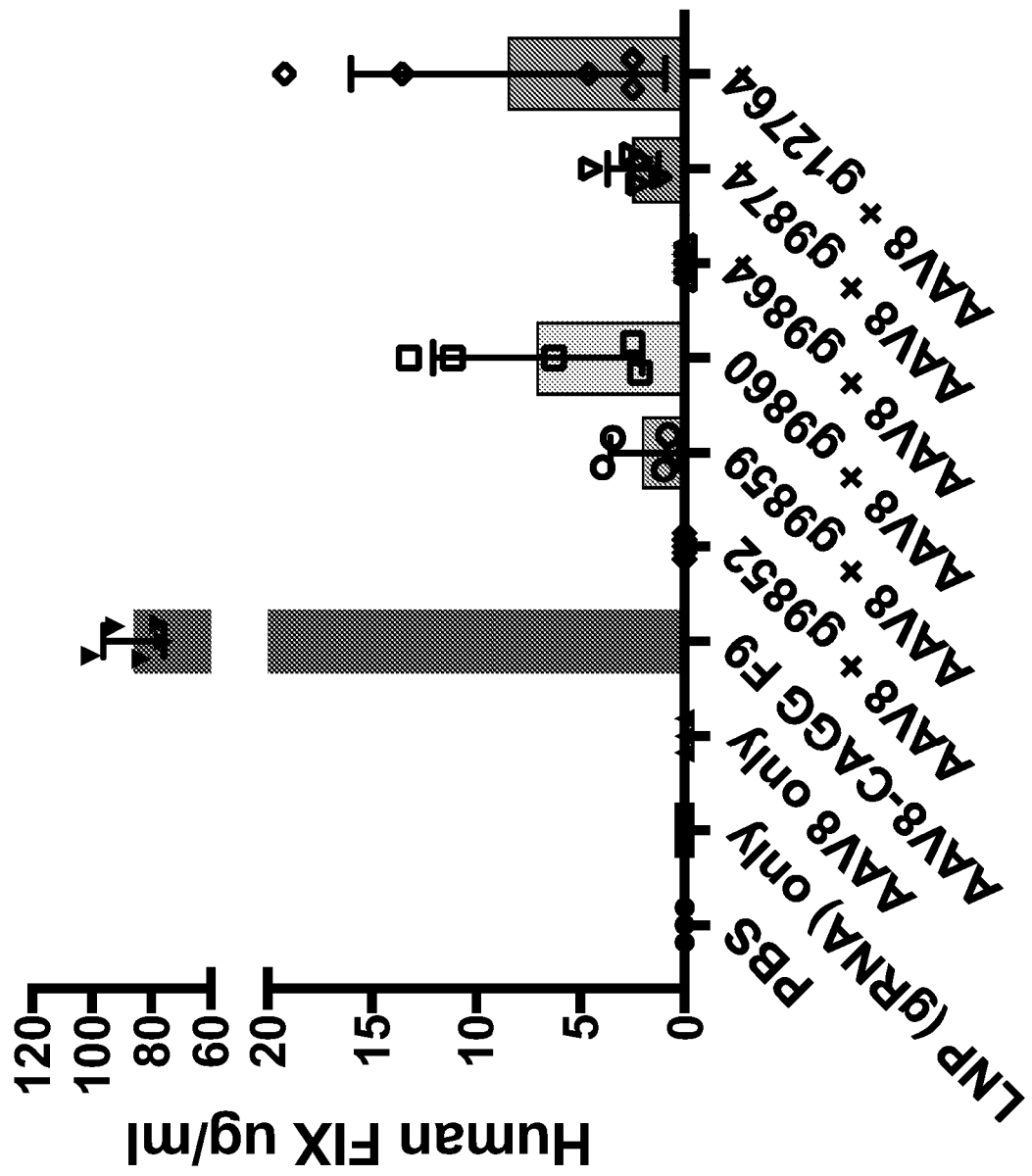


FIG. 6A

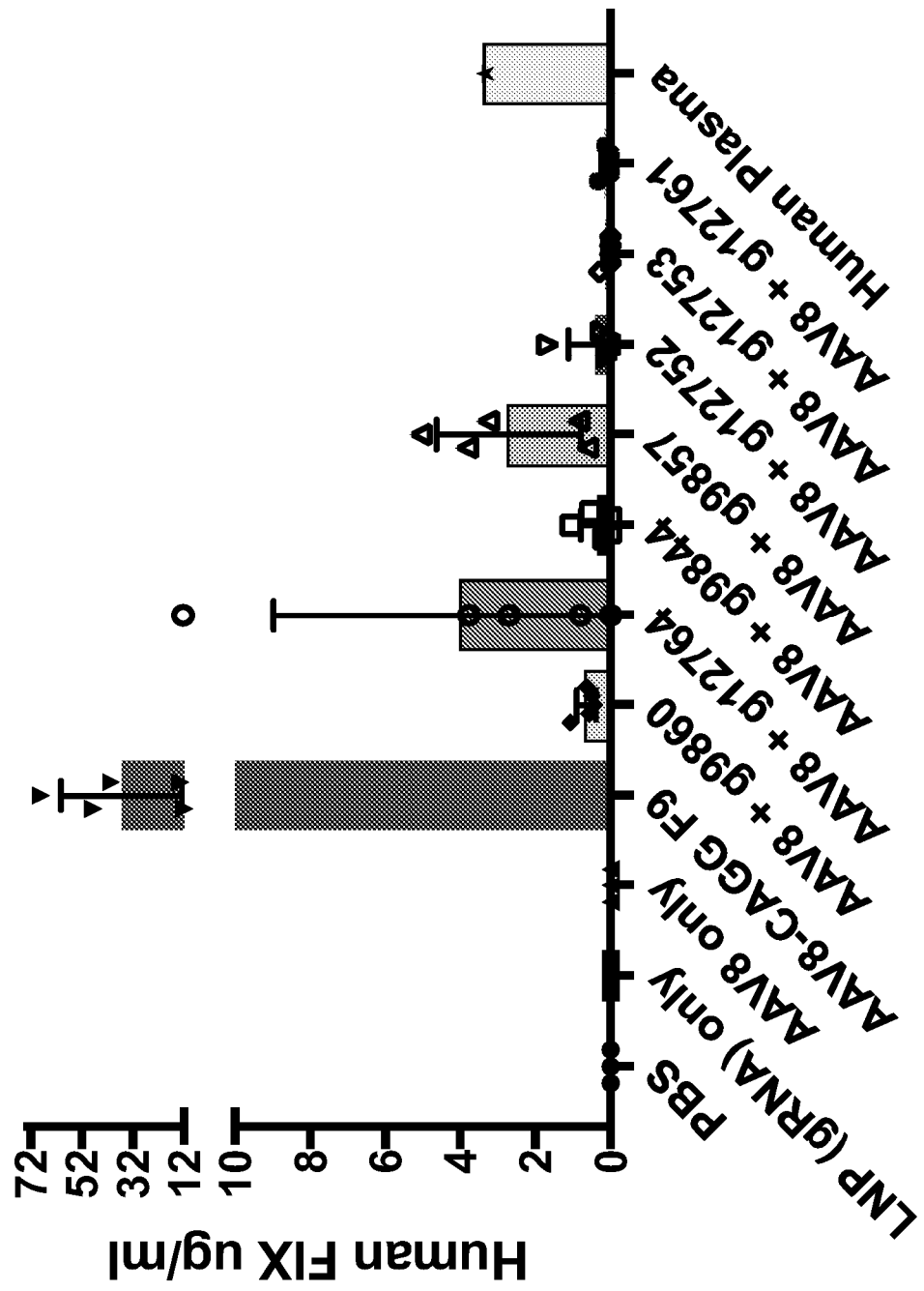


FIG. 6B

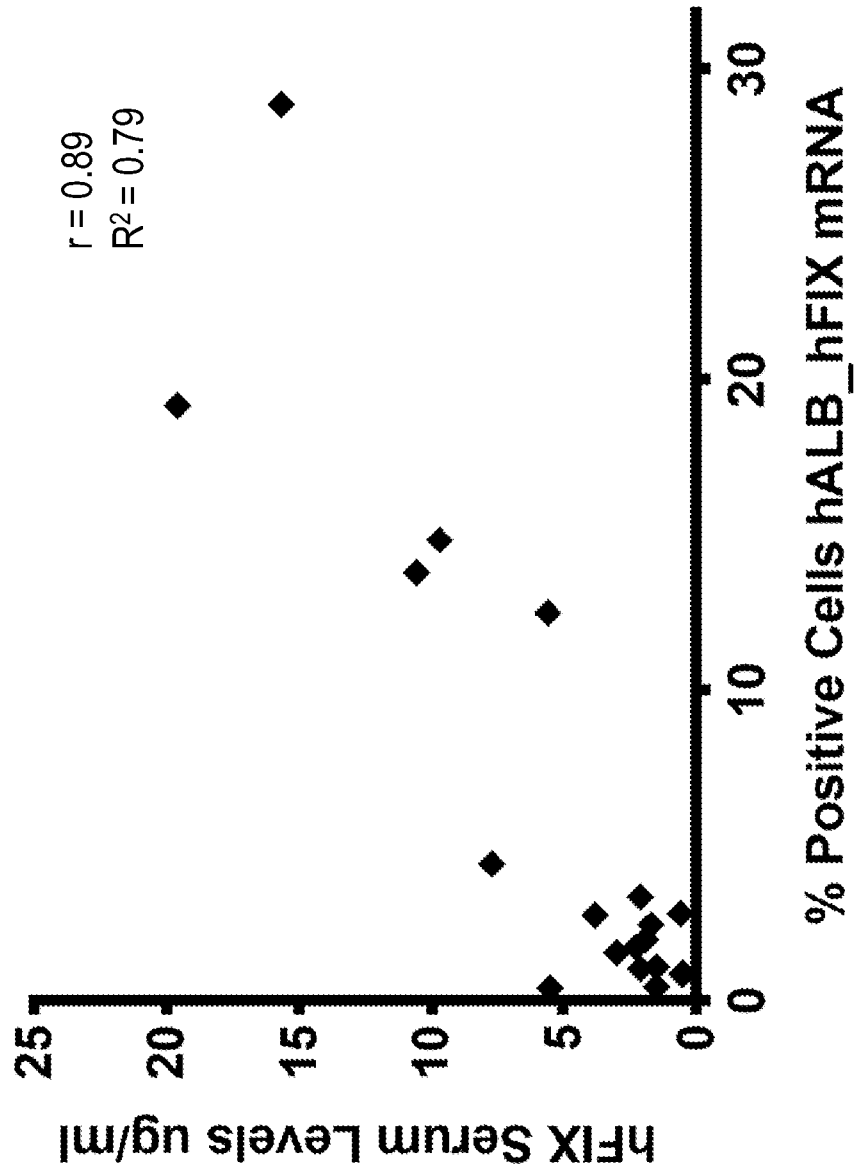


FIG. 7

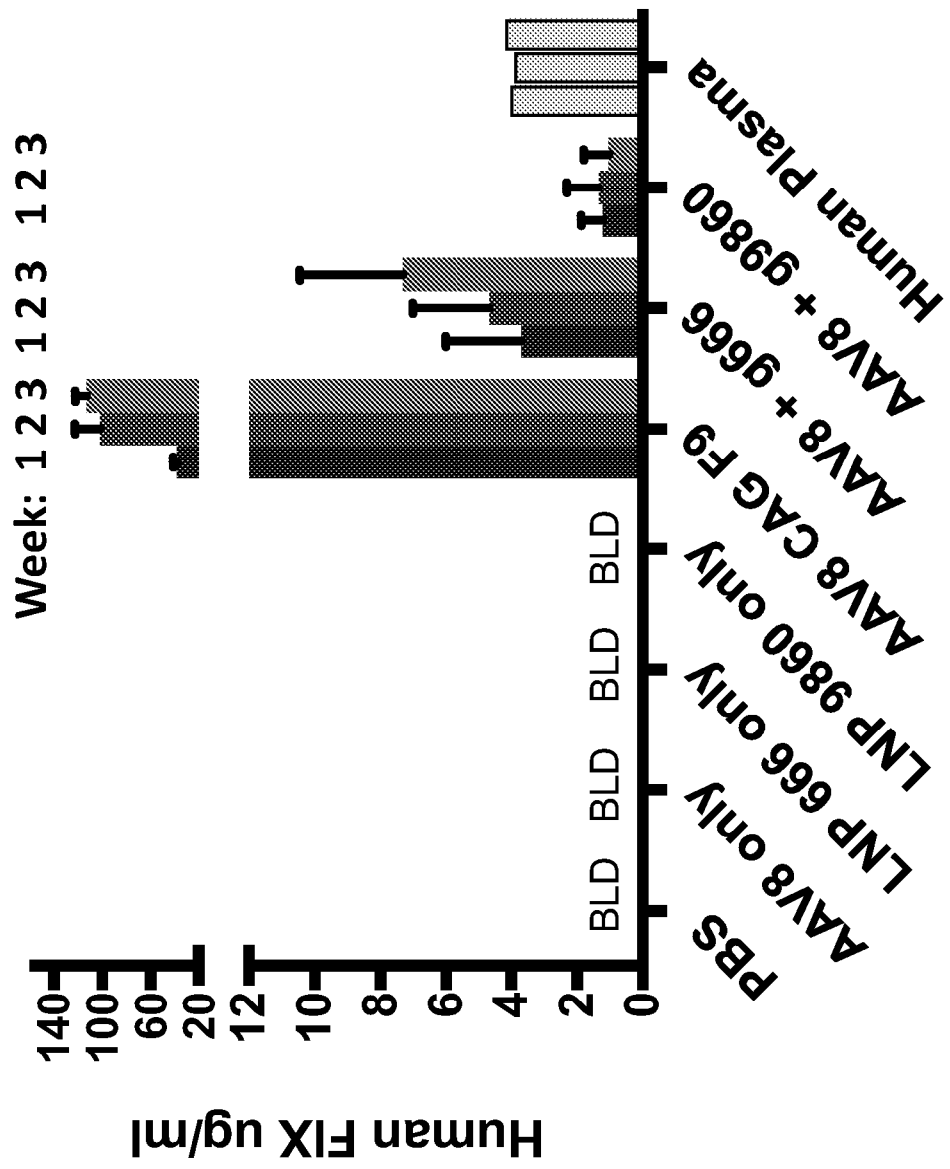


FIG. 8

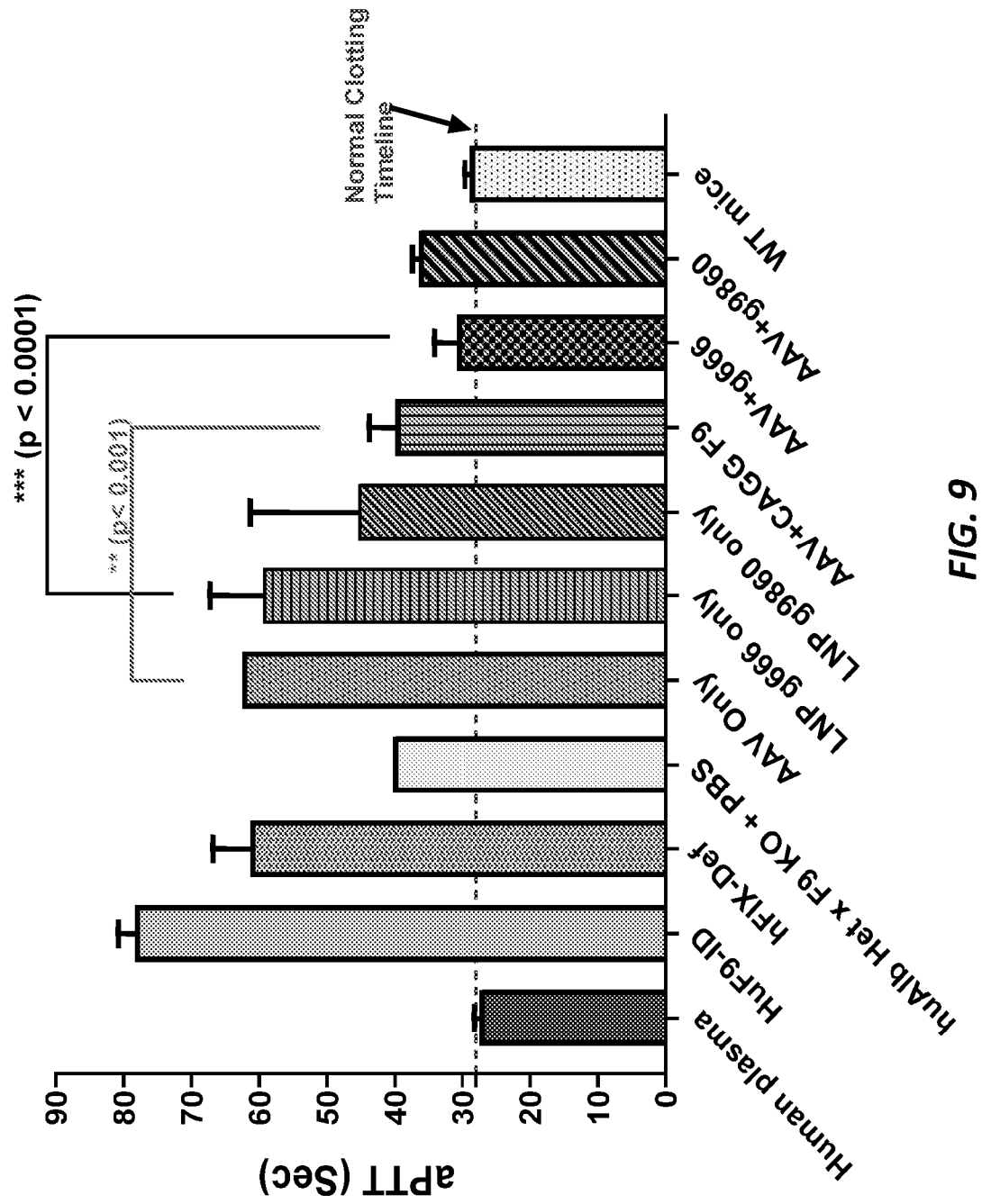


FIG. 9

TGA-EA Profile of Human Normal and Factor 9 Deficient Plasma

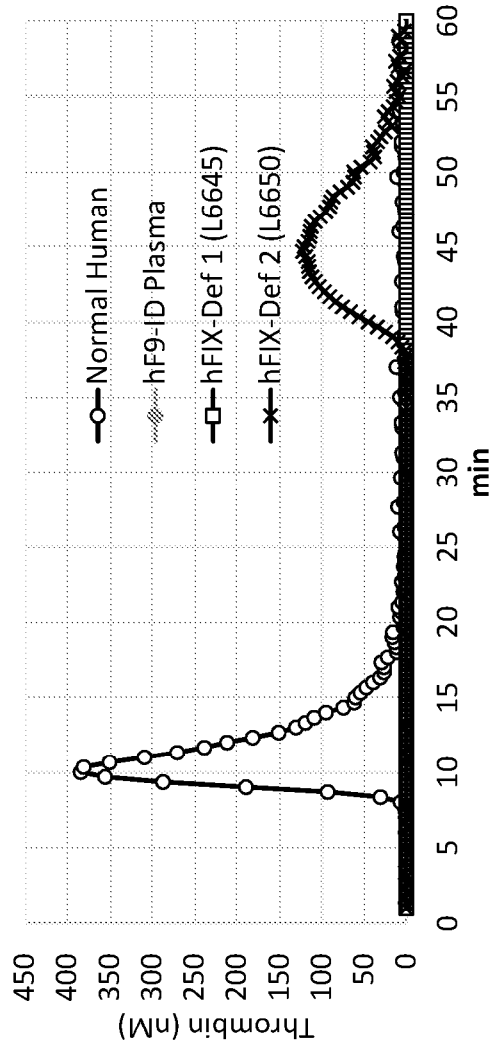


FIG. 10A

TGA-EA Profile of Mice Plasma from hF9 Insertion in huAlb Het X F9 KO Mice Study

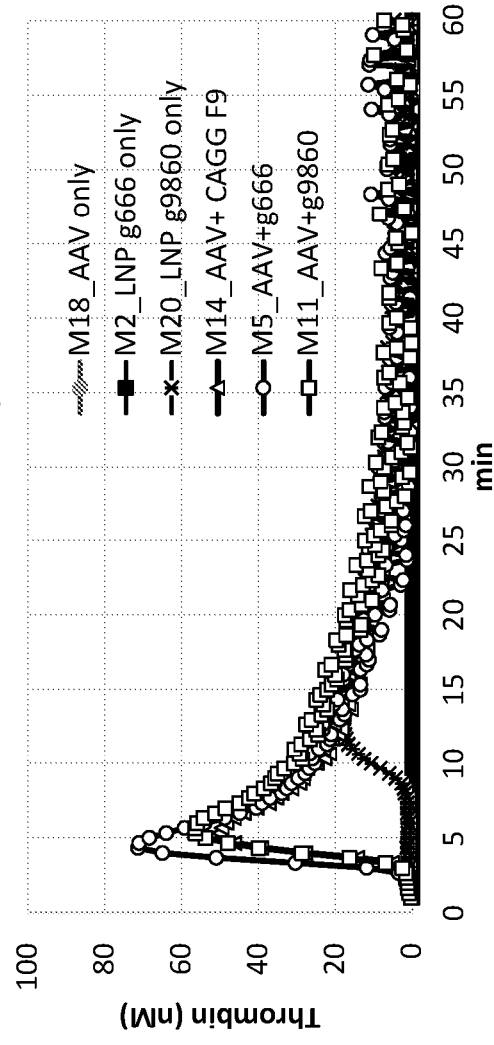


FIG. 10B

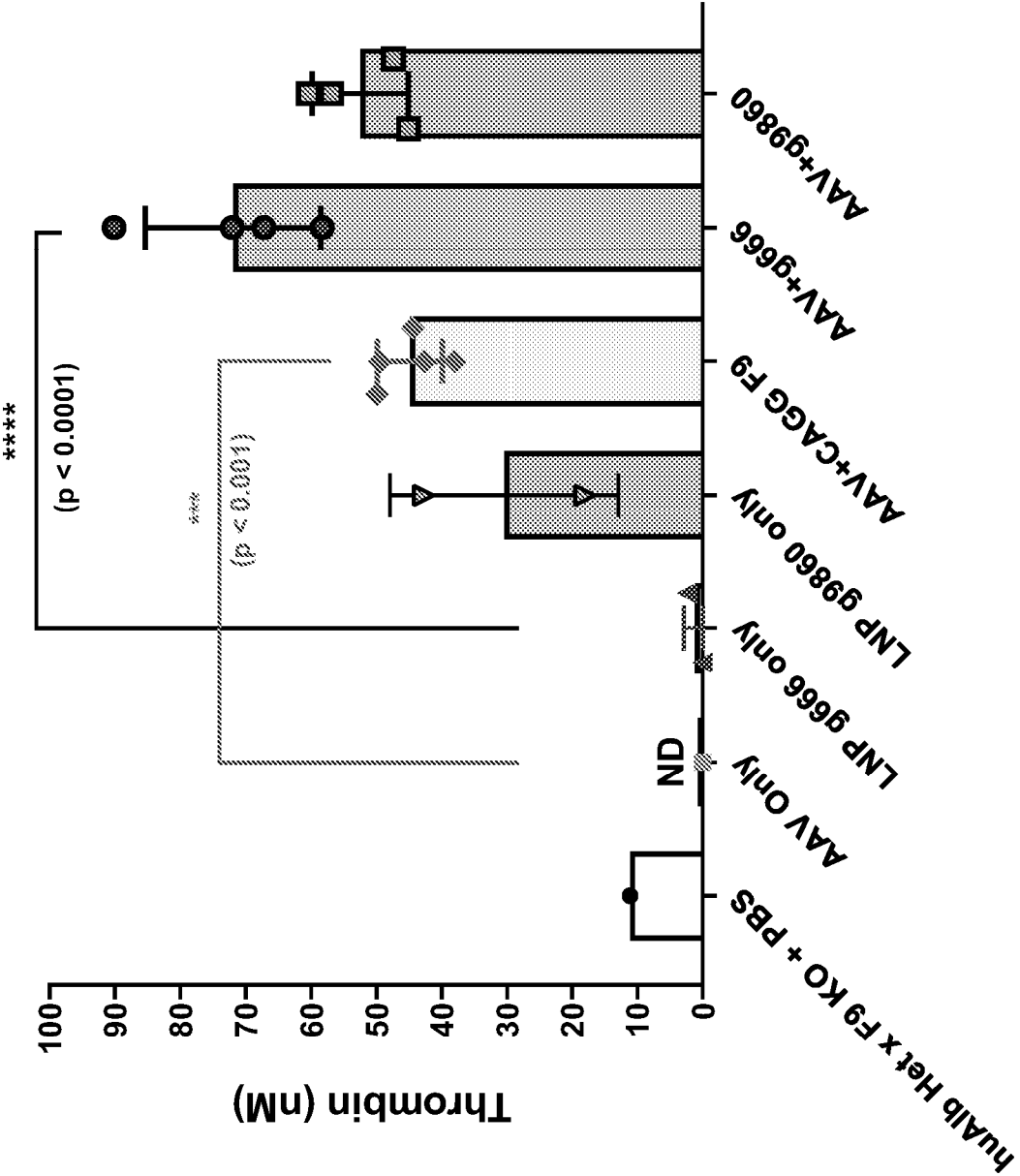


FIG. 11