

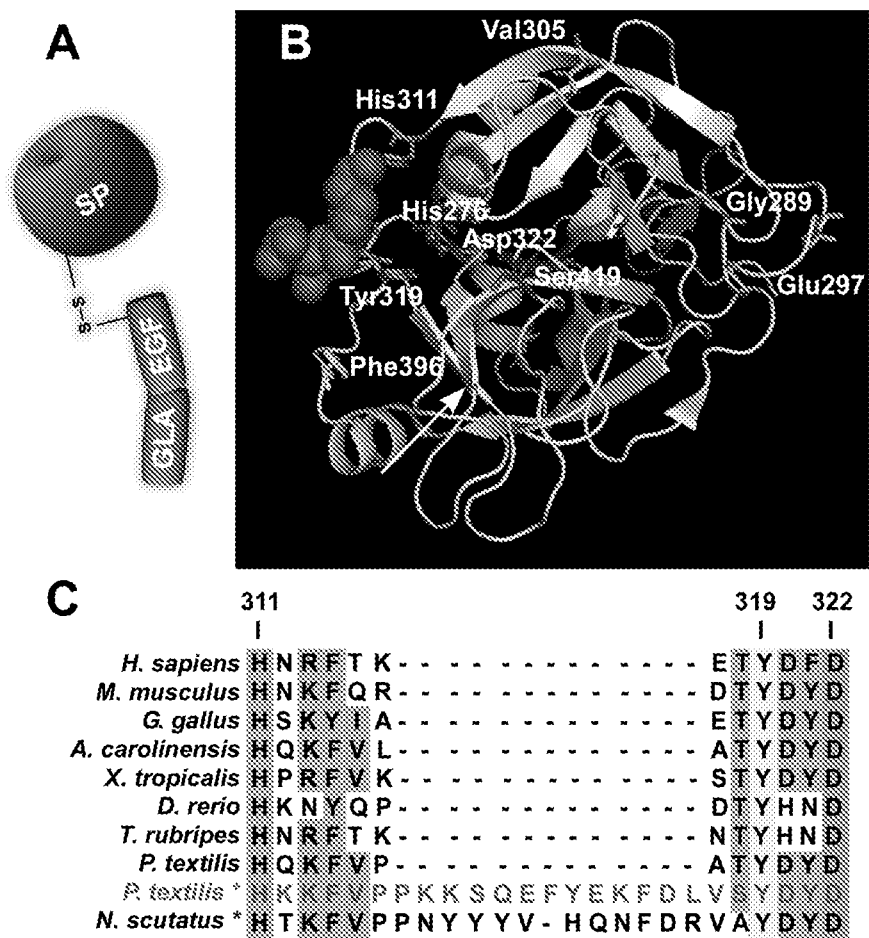


Fig. 1

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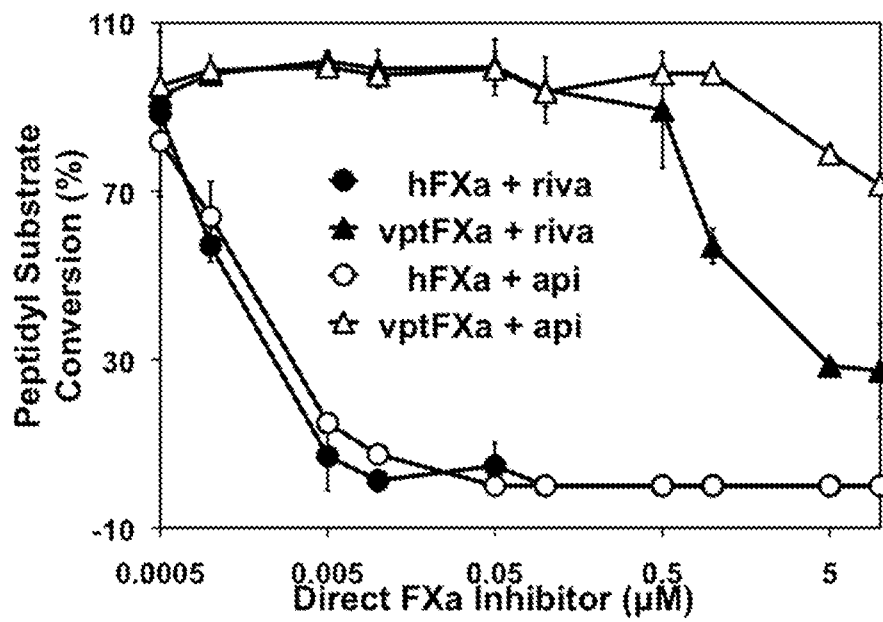


Fig. 2A

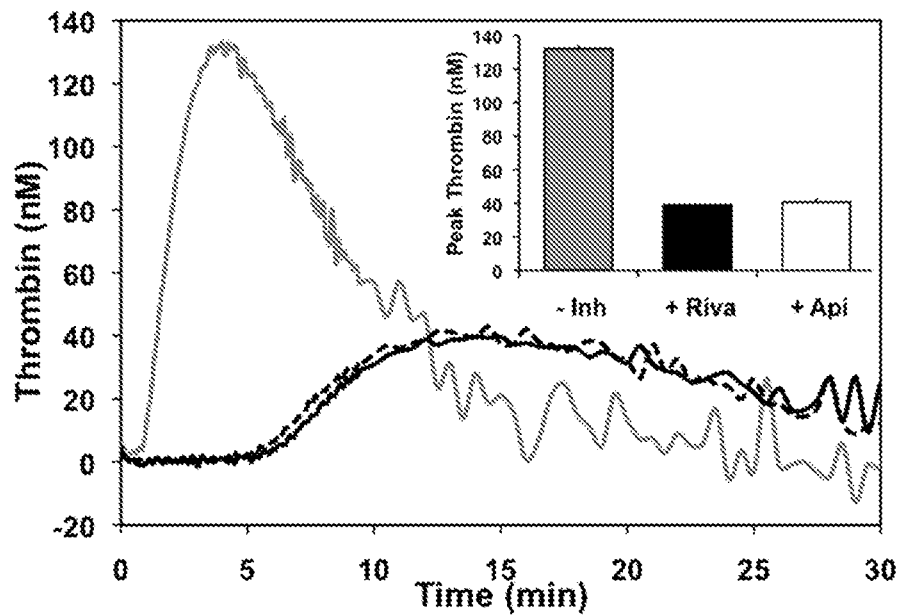


Fig. 2B

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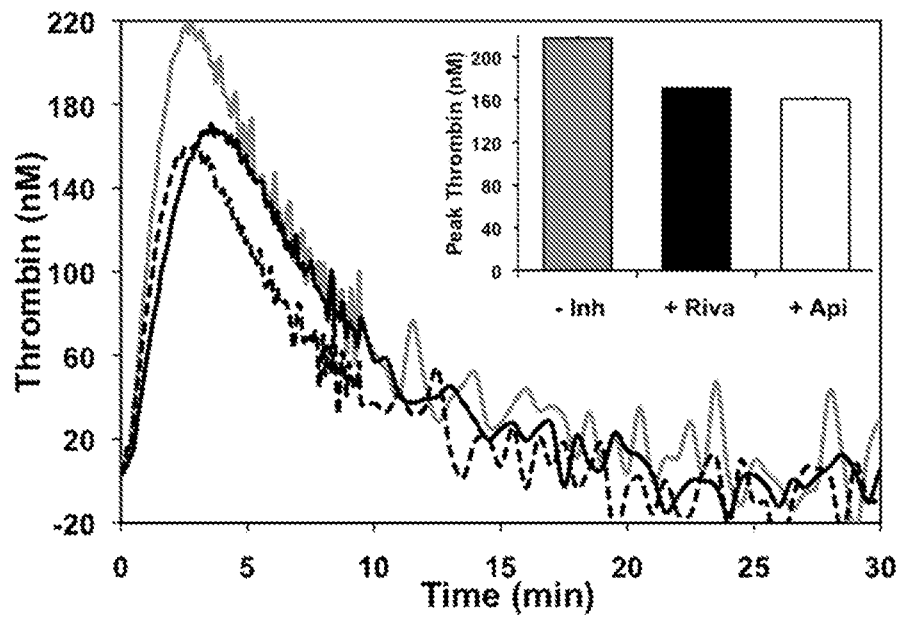


Fig. 2C

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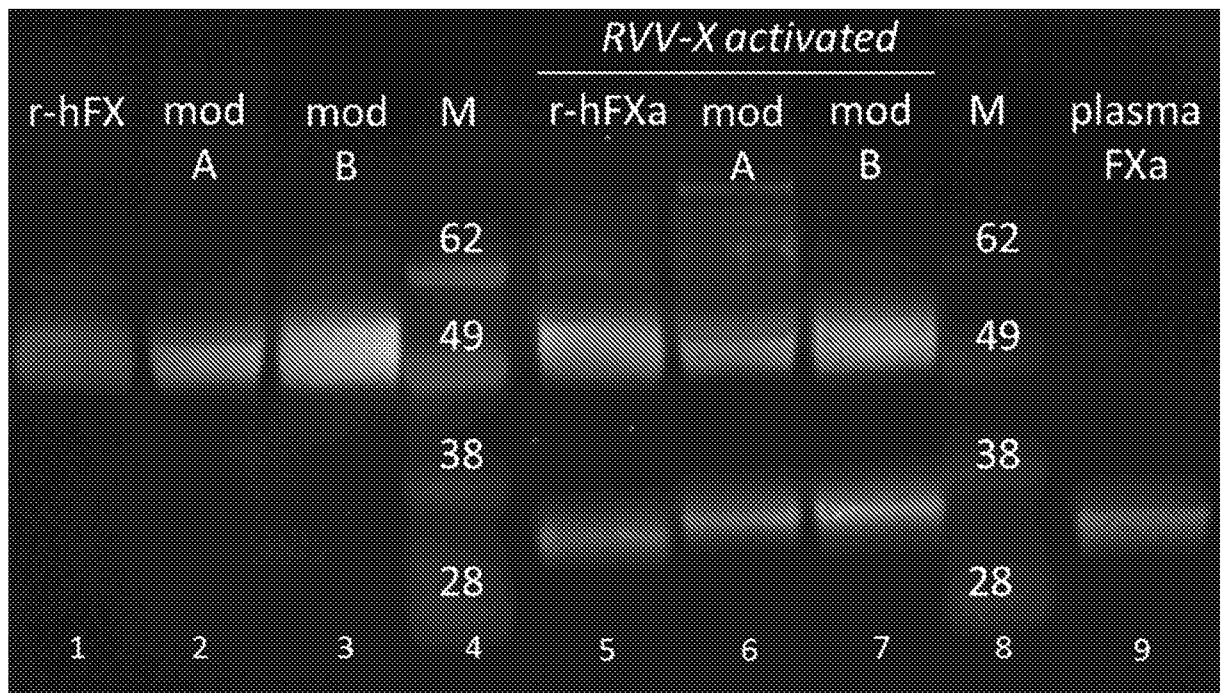


Fig. 3A

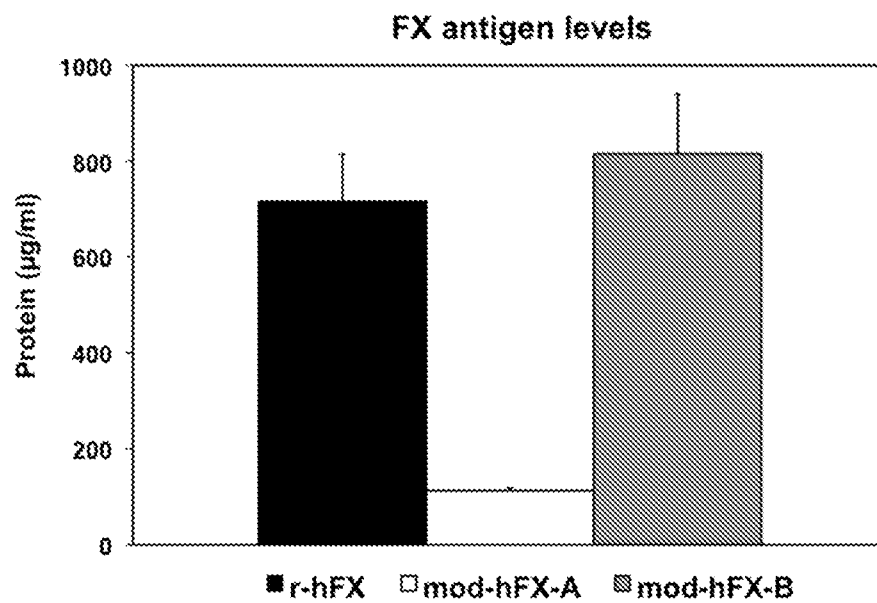


Fig. 3B

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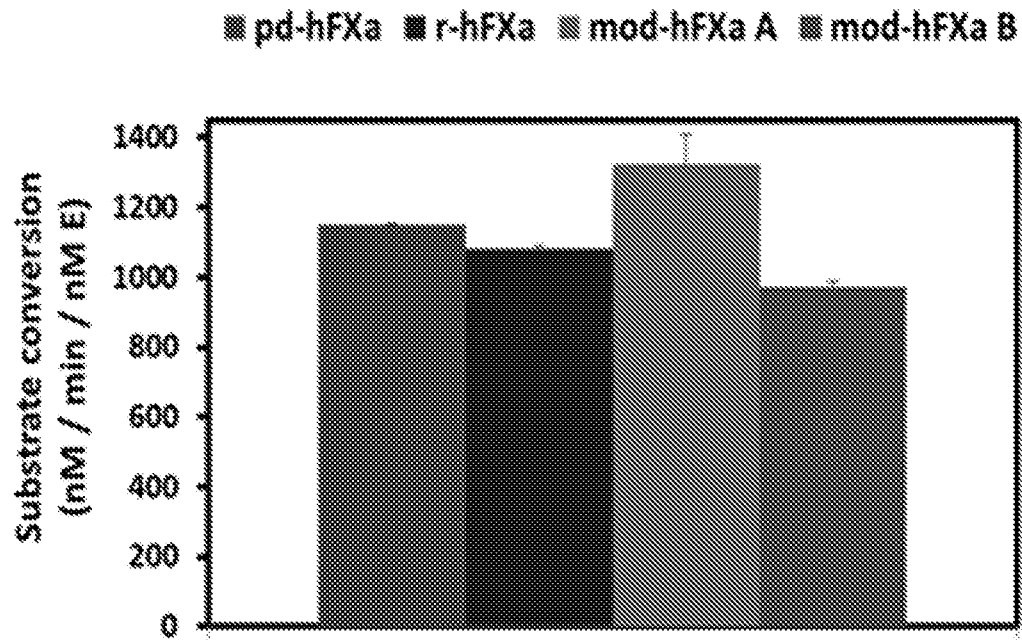


Fig. 4

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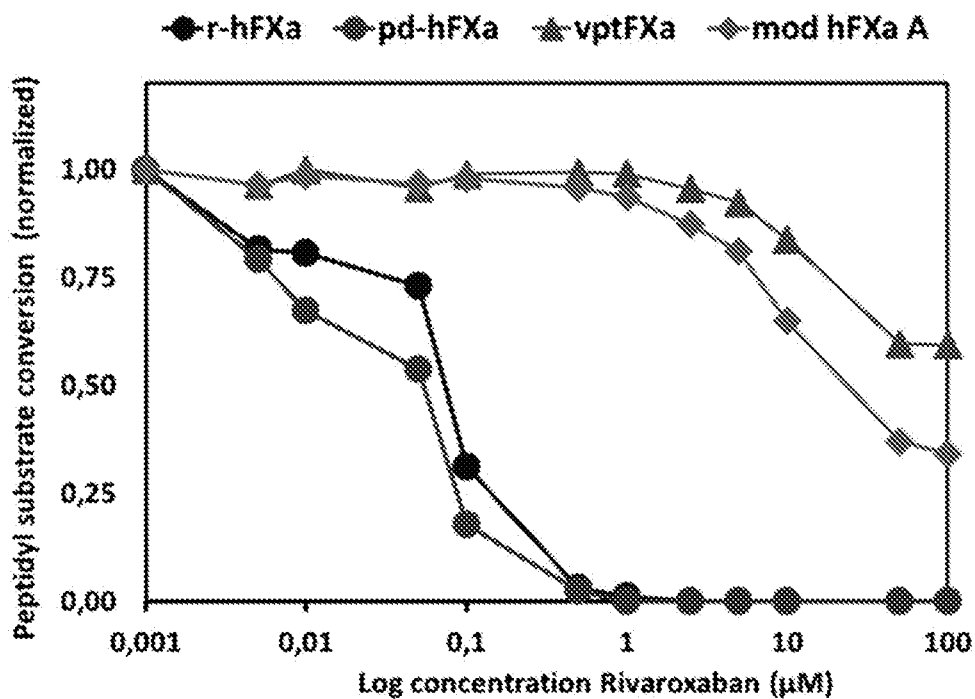


Fig. 5A

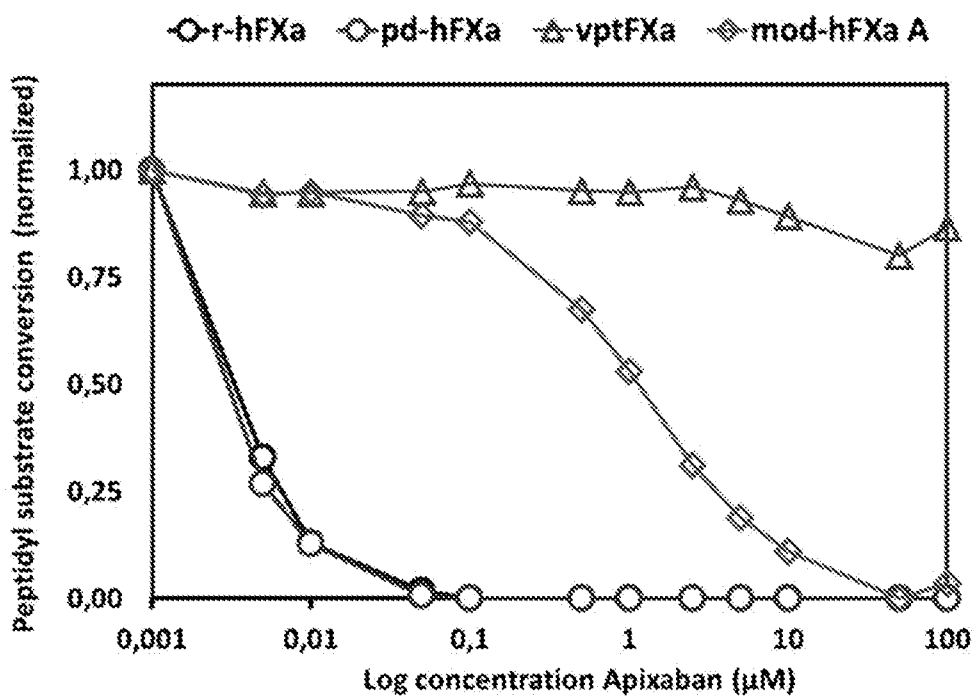


Fig. 5B

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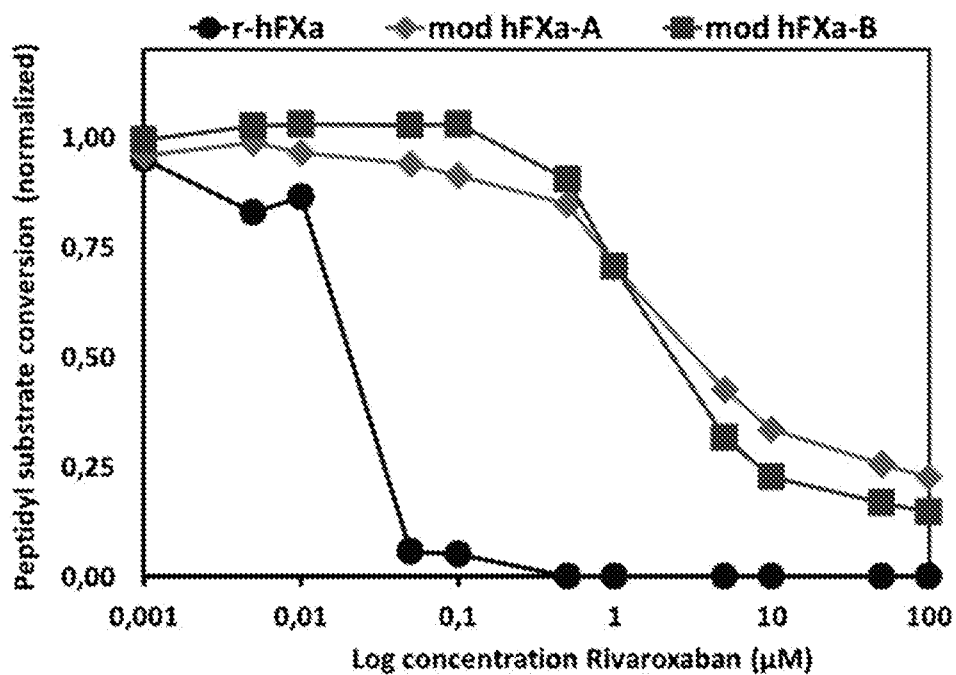


Fig. 6A

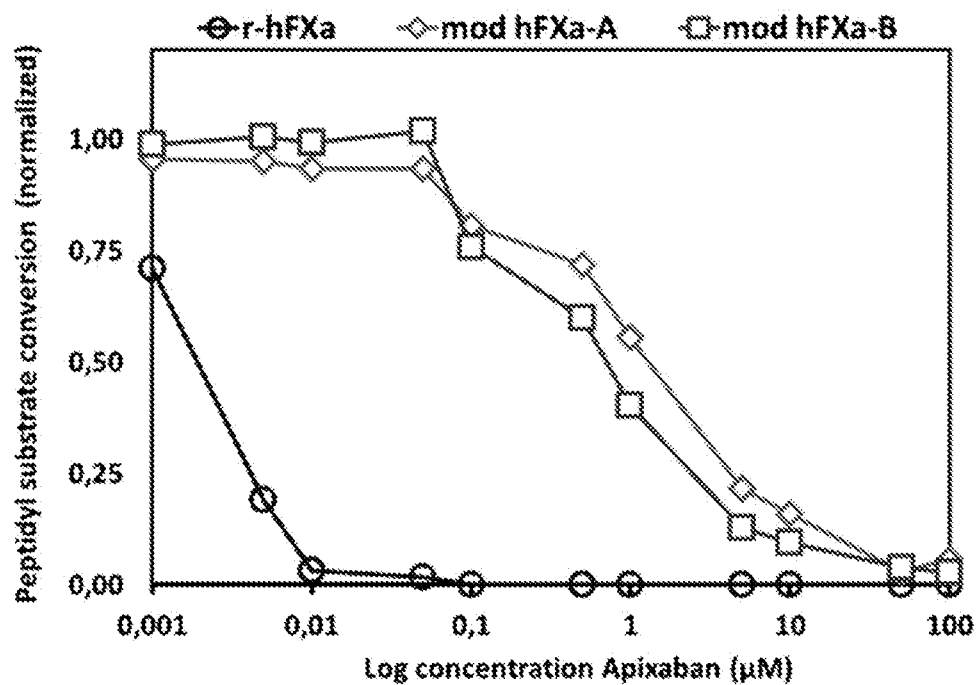


Fig. 6B

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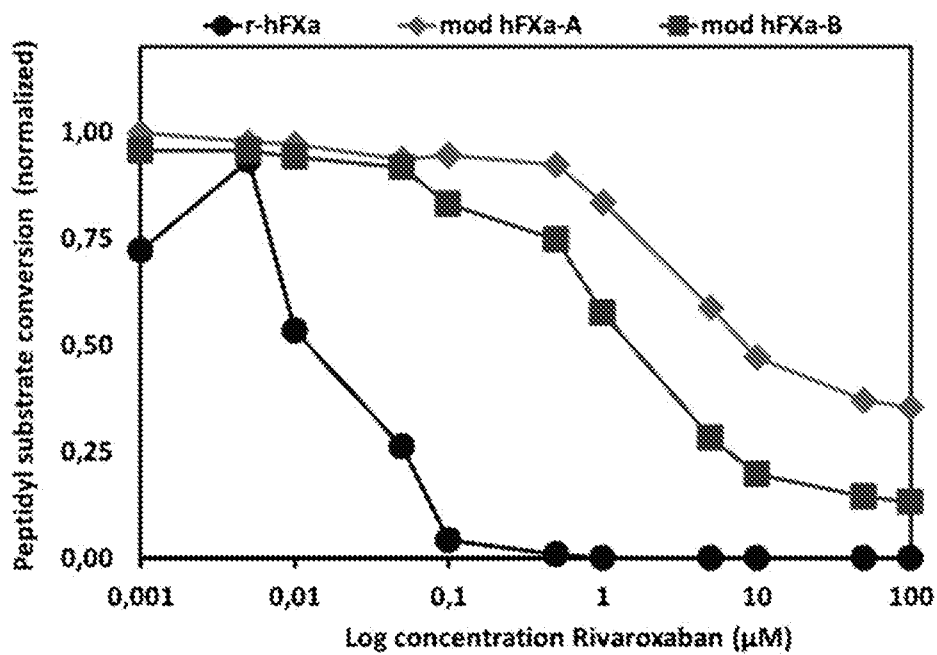


Fig. 7A

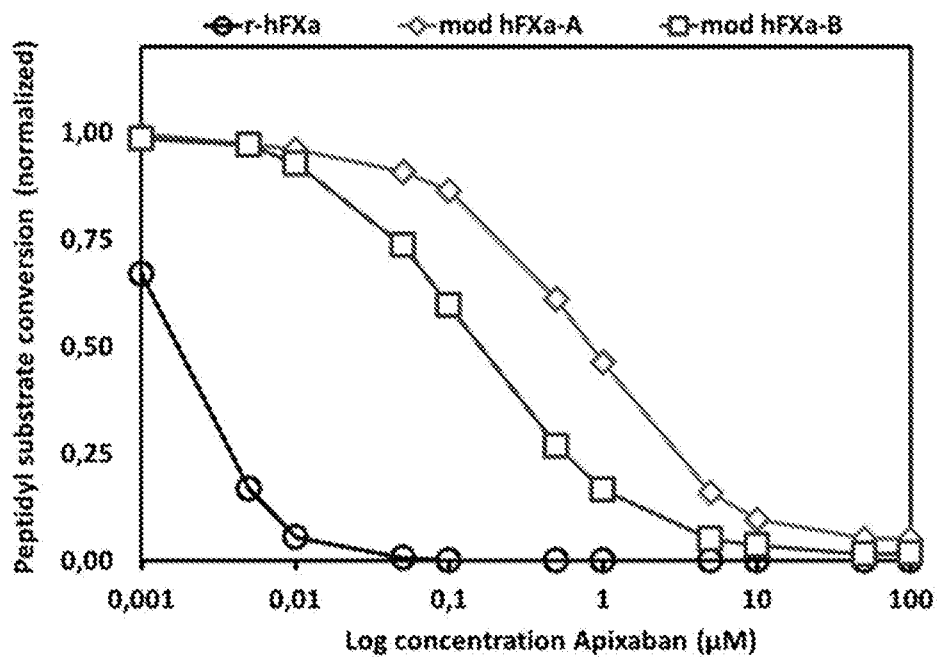


Fig. 7B

HUM	MGRFLHLVLLSASLAGLLLGESLFI	RREQANNILARVTRANSFLEEMKKGHL	ERECMEETCSYEAREVFEDSDKINEF	80
MUS	MGSPVQLSLLCVVLASLLLPCKGVFI	NRERANNVLARTTRANSFFEEFKKGNL	ERECMEEICSYEEVREIFEDEKTEY	80
Xtr	MAGQTCIIILIALPAVLQQSPNVFLK	HENAHNIL RAKRANSAPFEFKKGNL	ERECYEEERCSLEEARVFEENEQTRF	79
Dre	MS WVFNNPISLFVTHSVCAE	VFLNTRDANQVLIRORRANSLSFEEM	KGNMERECIEERCNVEEARIFEIVKKTDEF	77
Tru	MFRLF FIA	FLDKTASQLLSRQRANSLSFEEVKQNM	ERECNEEHCSKEEARIFEDDDDQTHF	64
Pte1	MAPQLLLCLILTLFMSLPEAESNVFL	KSIVANRFLQRTKRANSLSFEFKSGN	IERECIEERCSKEEARFEDEKTEF	80
Pte2	MAPQLLLCLILTLFMSLPEAESNVFL	KSIVANRFLQRTKRANSLSVEEFKSGN	IERECIEERCSKEEARFEDEKTEF	80
Pte3	MAPQLLLCLILTLFMSLPEAESNVFL	KSIVANRFLQRTKRANSLSVEEFKSGN	IERECIEERCSKEEARFEDEKTEF	80
Nec	MAPQLLLCLILTLFMSLPEAESNVFL	KSIVANRFLQRTKRANSLSFEEIRPGN	IERECIEERCSKEEARVFEDEKTEF	80
Consensus	F	A L R R NS EE G EREC EE C EE RE FE	T	
WNKYKDG	DQCETSPQONQKCKDGLSEYTTCT	CLEGFEGKNCELFTRKLCSLDNGDCD	QFCHEEQNSVVCSCARGYTLADNGKACIPTGP	169
WTKYKDG	DQCESSPQONQACRDGIGGYTCTC	SEGFEGKNCELFVRKLCRLDNGDCD	QFCHEEQNSVVCSCASGYFLGNDGKSCISTAP	169
WSKYFDG	DQCOSEPCQYGGSCNDGINEYTC	LCNAGFEGKNCEYTKLQCSLNGECD	QYCKAVDRDVVCSCTNGYILGENGKSCLPTEK	168
WHKYVDGKNACL	SHPCVNGGQCKDAIGPYTCFCQ	QGFKNCEIIVIPELCENENGCCD	HFCVMEKNVVCSCAMGYELAPNGKSCQSQDP	167
WAIYYDG	DACKSTPCVNKGRCKDGIGSYTC	FLSGYQGFNCEIIVIPQLCENENG	GCHEHFCKVVRGNVRCSCADGYELGPDGKSCQSNET	153
WNVYVDG	DQCSSNPFCHYGGTCKDGIGSYTC	FLSGYEGKNCEYVLYKSCRVDN	GDCHWHPCKPQVQNGIQCSCAESYLLGEDGHSVCVAGGD	169
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WNVYVDG	DQCSSNPFCHYRGTCCKDGIGSYTC	FLPNYEGKNCEYVLYQSCRVDN	GNCHWHPCKRVQSETQCSCAESYRLGVDGHSVCVAGCD	169
W Y DG	C PC G C D YTC C	G NCE C NG C	CSC Y L C	

Fig. 8

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YPOG	KQTLERRKRSVAQATS	SSGEAPDSITWKPYDAADLD	PTENPFDLDFMQTQPERGDNNLTRIVGGQECKD	243
FPOG	KITTRRRKRSVALNTS	DSELDLEDALL DEDFLS	PTENPIELLNLNETQPERSSDDLVRIVGGRECKD	240
YPOG	RHHMKRRERETKLHEN	DKKNHTDSQNEVKMNQTGTL	PERNVTGINILN P NDFNVRIVGGRECSQ	236
FKOGVIYP	KKTRISFFHTPNITESENEEETELEATIEPVYNHNSPLNNQTDMS		FGLHELEIIQEEPILPVSTAGDGRIVNGVECPP	254
FRGGGIIT	ENVRTILRYRPNNTWNTGKSDNSSSTNSTEQEDEEFFSSGTSQ		RKAHAASDHENSTMT RIVNGEDCPP	228
FPOG	RNIKTENKREANLPDFQTDFSDDYDEIDENNFVEITPNTFSGLVLTV		QSQNATLLKKSDNPSPD IRVNGTDCKL	247
FPOGRN	NIKTENKREANLPDF		VQSQNATLLKKSDNPSPD IRVNGMDCKL	218
FPOGRN	IKTRNKRASLPDF		VQSQNAPLLKISDNPSPD IRVNGMDCKL	218
FPOGRN	IKARNKRASLPDF		VQSQKATLLKKSDNPSPD IRVNGMDCKL	218
OG			R V G C	
GECPWQALL	NEENEGFOGGTILSEFYILTAACHCLYQAKRFKVRVGDNRNTECEEGGEAVHEVEVVIKHNRFKE			TYD 320
GECPWQALL	INEDNEGFOGGTILNEFYILTAACHCLHQARRFKVRVGDNRNTEKEECNEMVHEVDVVIKHNKFQRD			TYD 317
GECPWQALL	VSDDEGFOGGTILSREFILTAACHCMNQTKYFKVVGELMTKISEGTESIHKVEKIIMHPRFVKS			TYD 313
GDCPWQALL	INENNMGFOGGTILTEHFILSAAACHMNESSLIRVVVGEYDTLVPEGREATHDVEILIHKNVQPD			TYH 331
GECPWQAVLL	NEHHWF0GGTILNPFYIILTAACHMNETRYFYIRLGESDMLNEGTEAMYEVEITILAHVNYKPN			TYH 305
GECPWQALL	NDGDSGFOGGTILSPIYVLTAAHCINQTKYITVVVGEIDISSKKTGR LHSVDKIYVHOKFVPA			TYD 323
GECPWQAAAL	VDEKEGVFOGGTILSPIYVLTAAHCINETETISVVVGEIDKSRIETGP LLSVDKIYVHKKFVFPQKAYKFDLA			AYD 303
GECPWQAAAL	VDDKKGVFOGGTILSPIYVLTAAHCINETETISVVVGEIDRSEAETGP LLSVDKVVVHKKFVFPKKSQEFYEKFDLVSYD			307
GECPWQAVLINE	GEVFOGGTILSPIHVLTAAHCINQTKSVSVIVGEIDISRKETRR LLSVDKIYVHTKFPVFNYYVHQNFDV			AYD 306
G CPWQA L	FOGGTIL L AAHC			<u>YD</u>
				<u>Y</u>
				<u>H</u>

Fig. 8, cont'd

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FDIAVLRLKTPITFRMNVAPACLPEDWAESTLMTQKTGIVSGFGRTHKEGRQSTRLKMLEVYVDNRNSCKLSSSFIITQNMFCAGYDTK 410
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DIA      I      PAC P      A      LM      SGFG      L      FY      R      C      S      I      MFCAG

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Fig. 8, cont'd

Figure 9

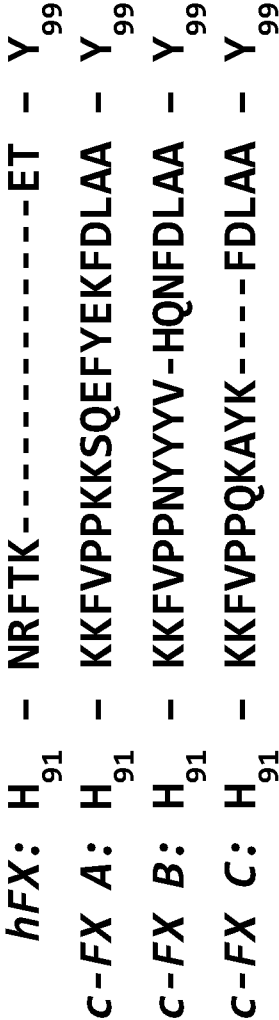
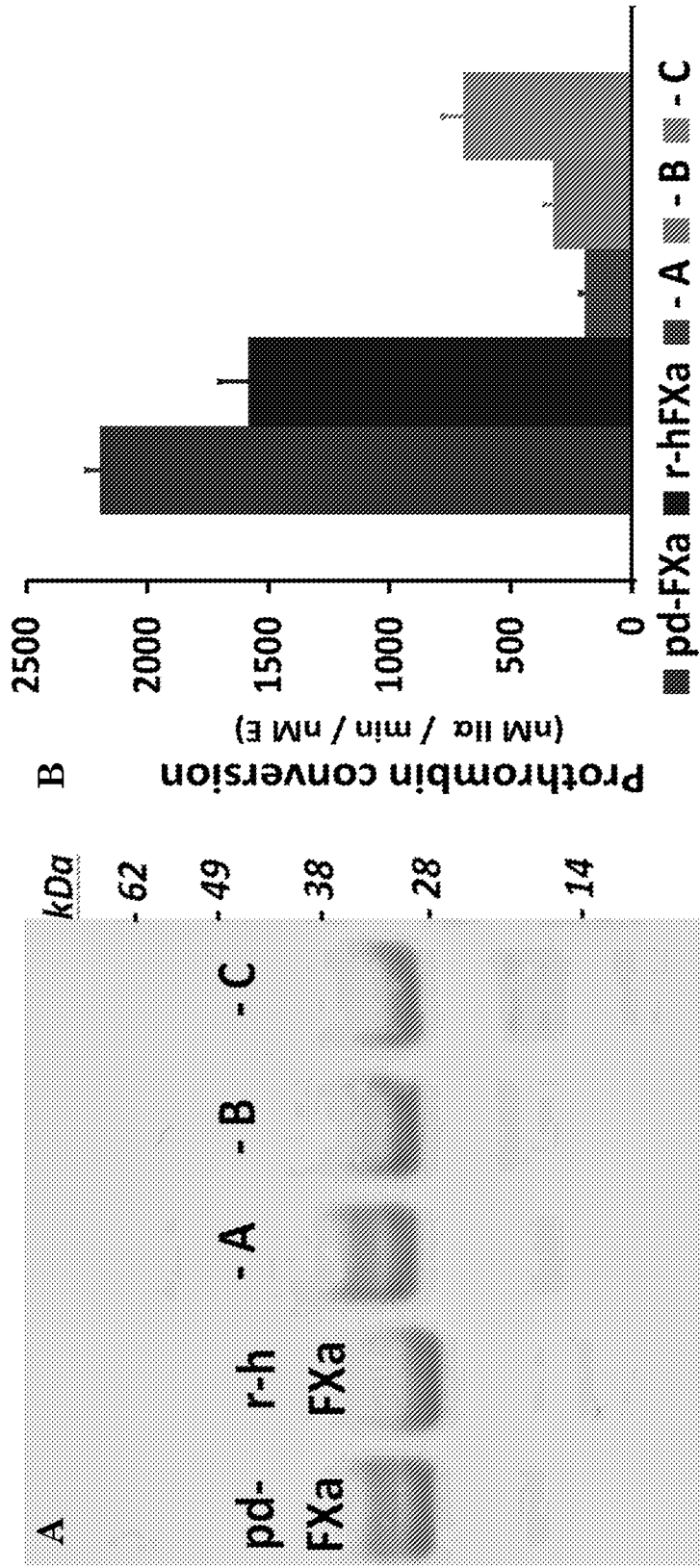


Figure 10



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Figure 11

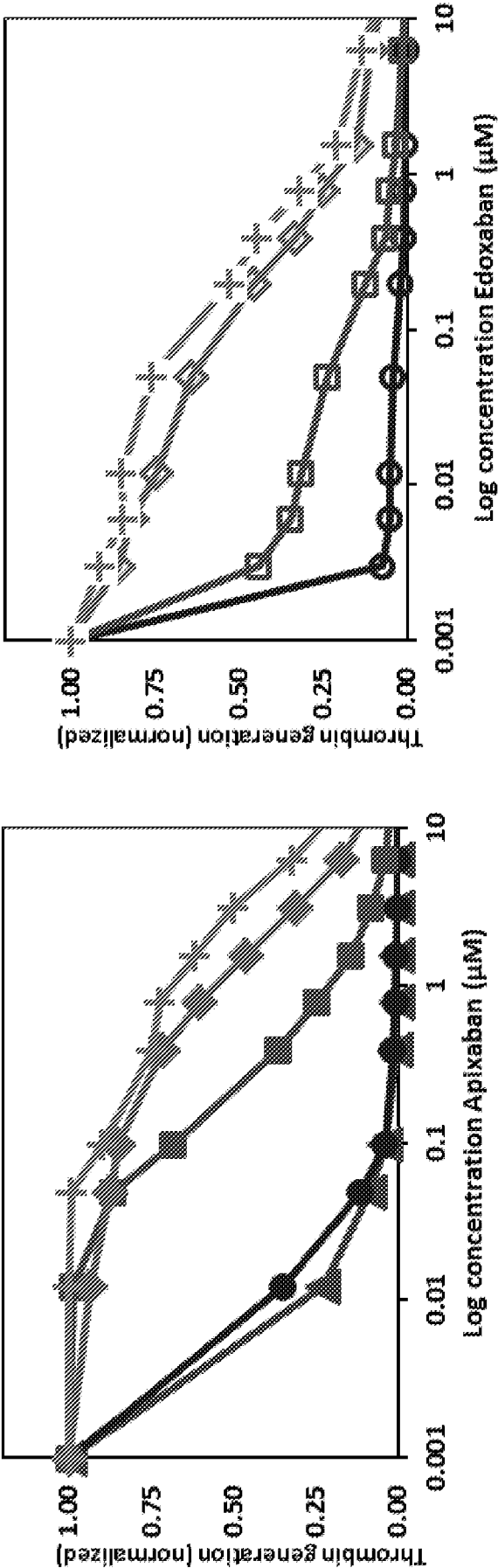


Figure 12

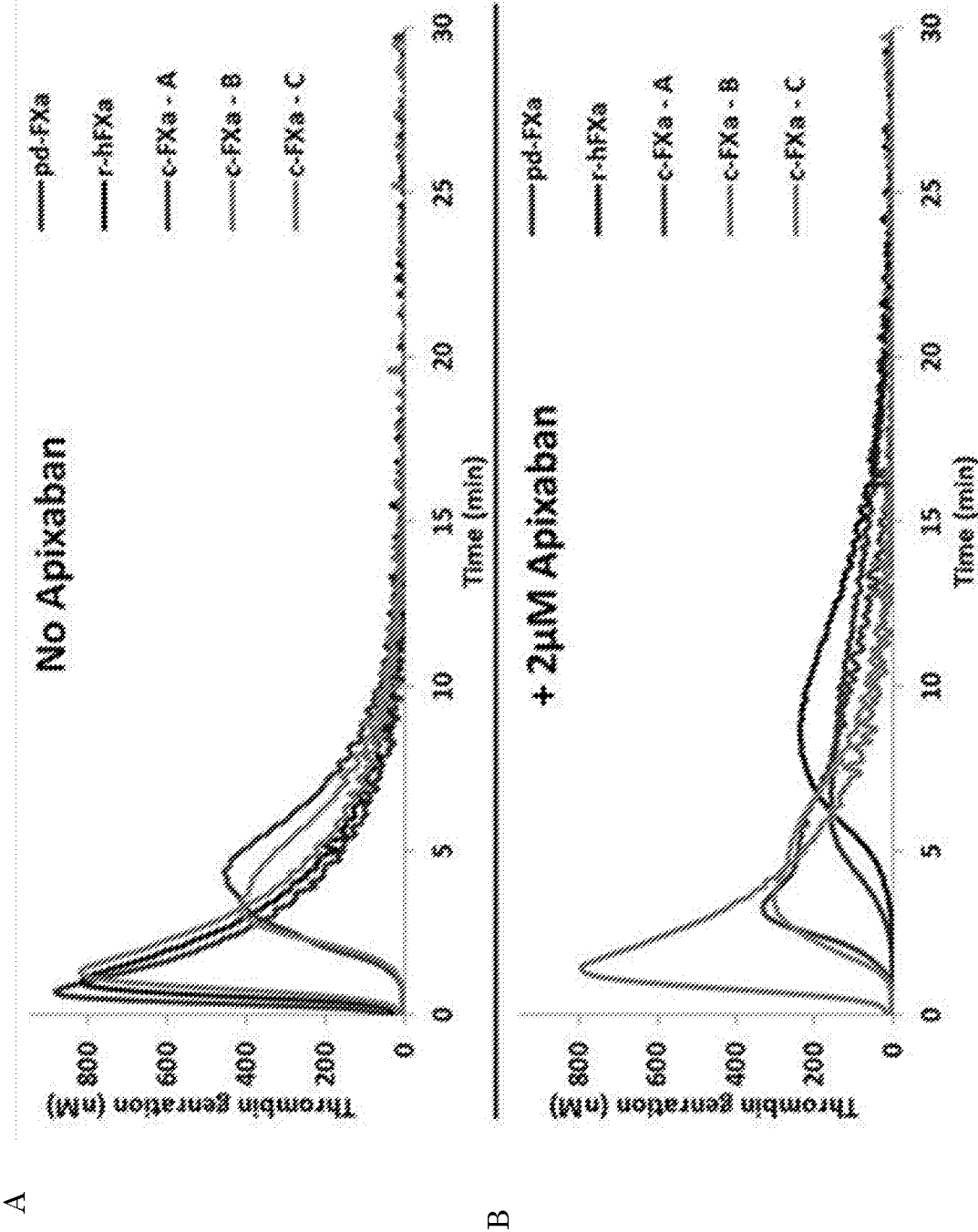
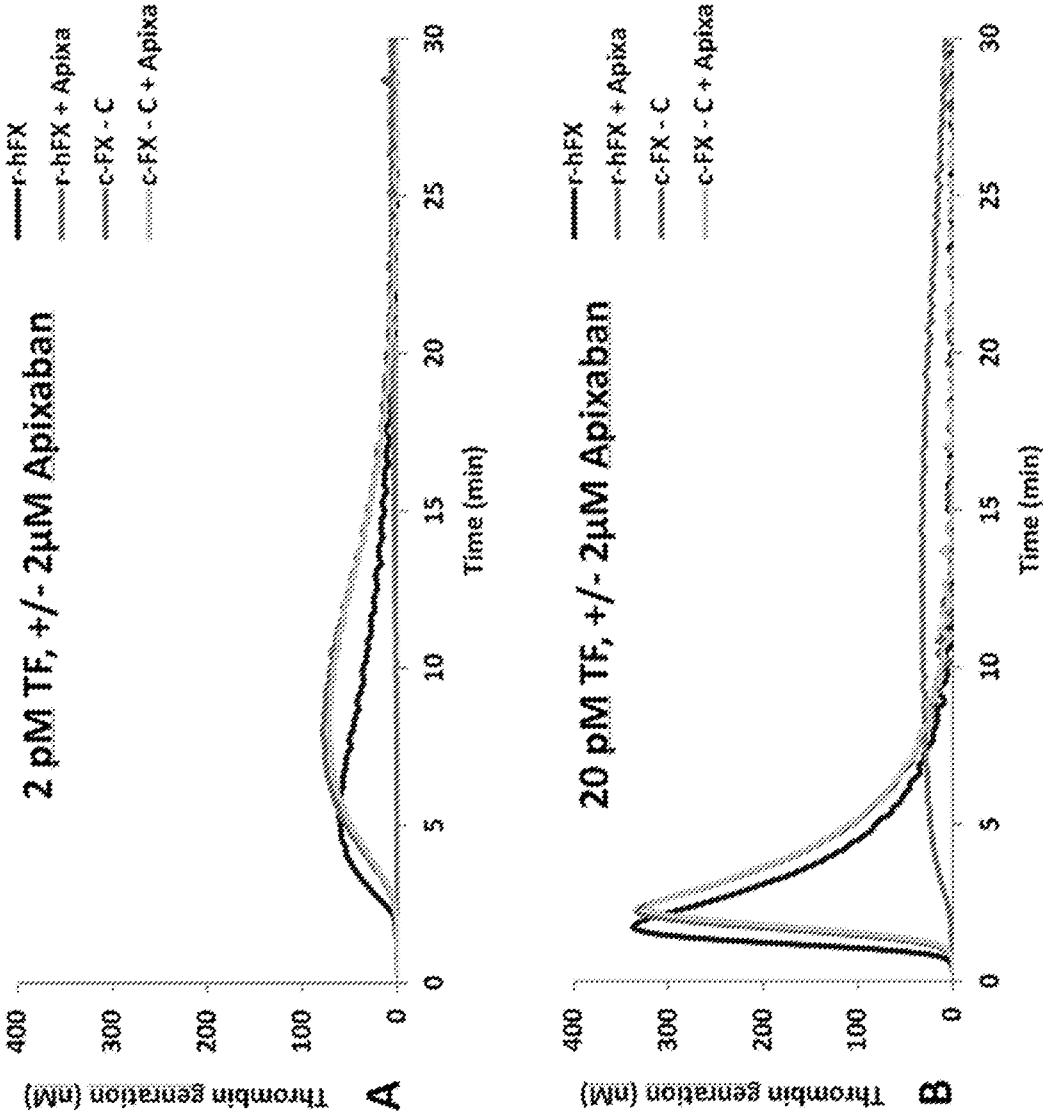


Figure 13



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Figure 14

