

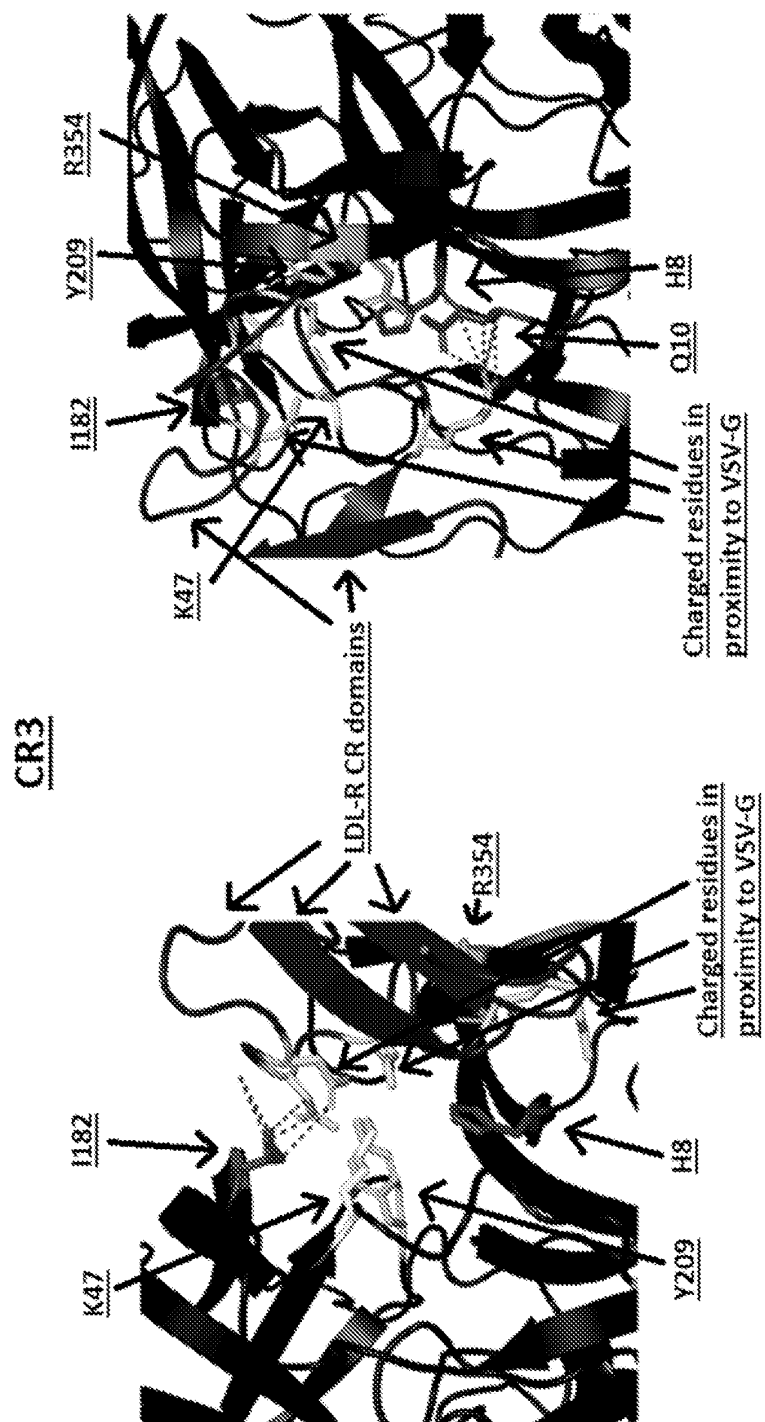


FIG. 1A

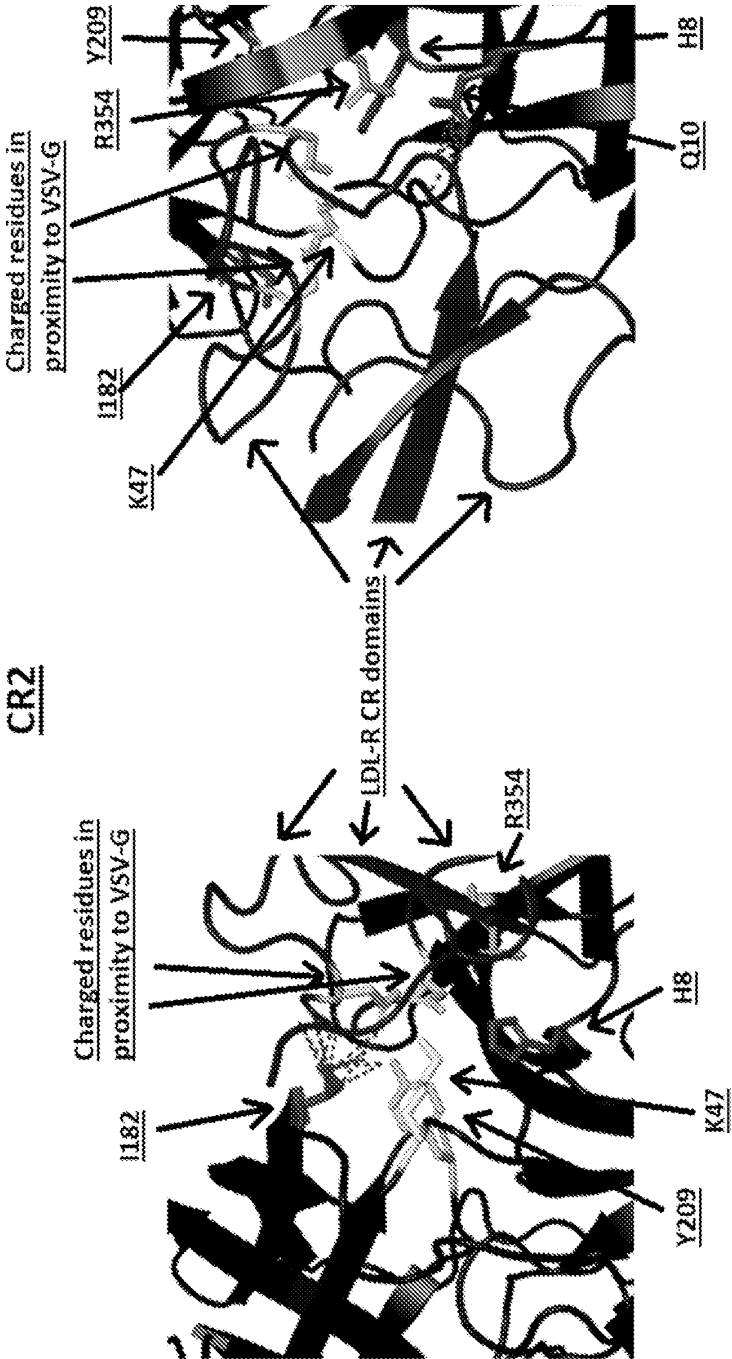


FIG. 1B

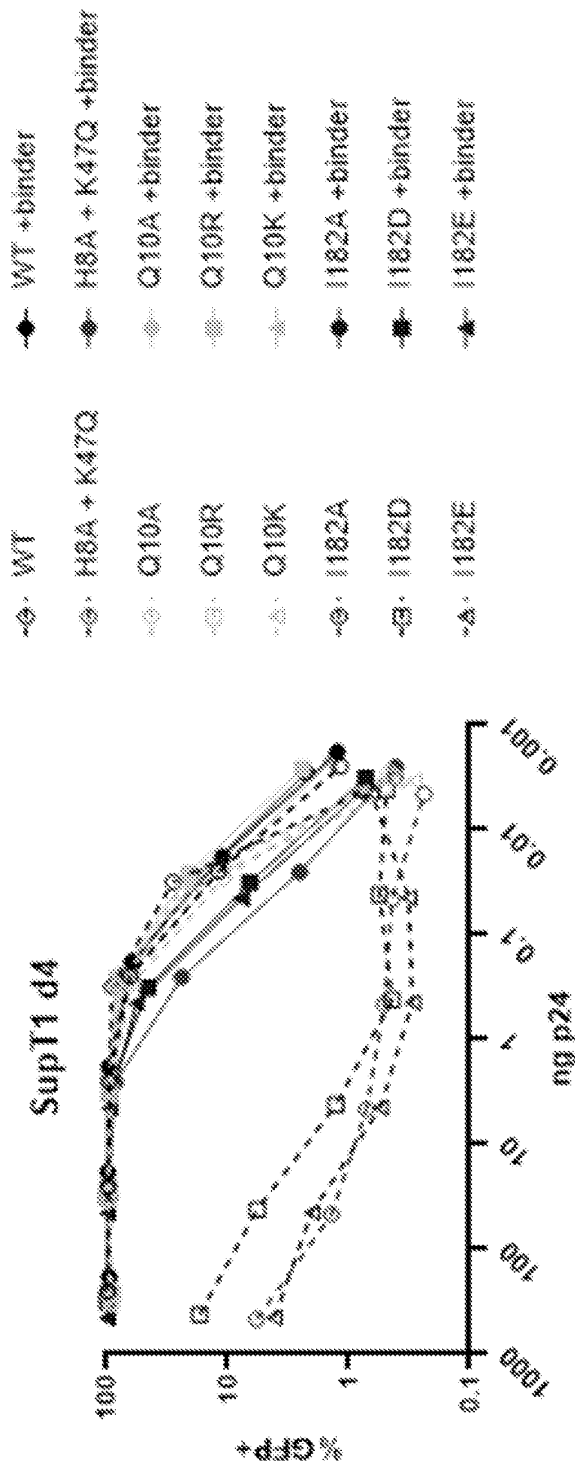


FIG. 2A

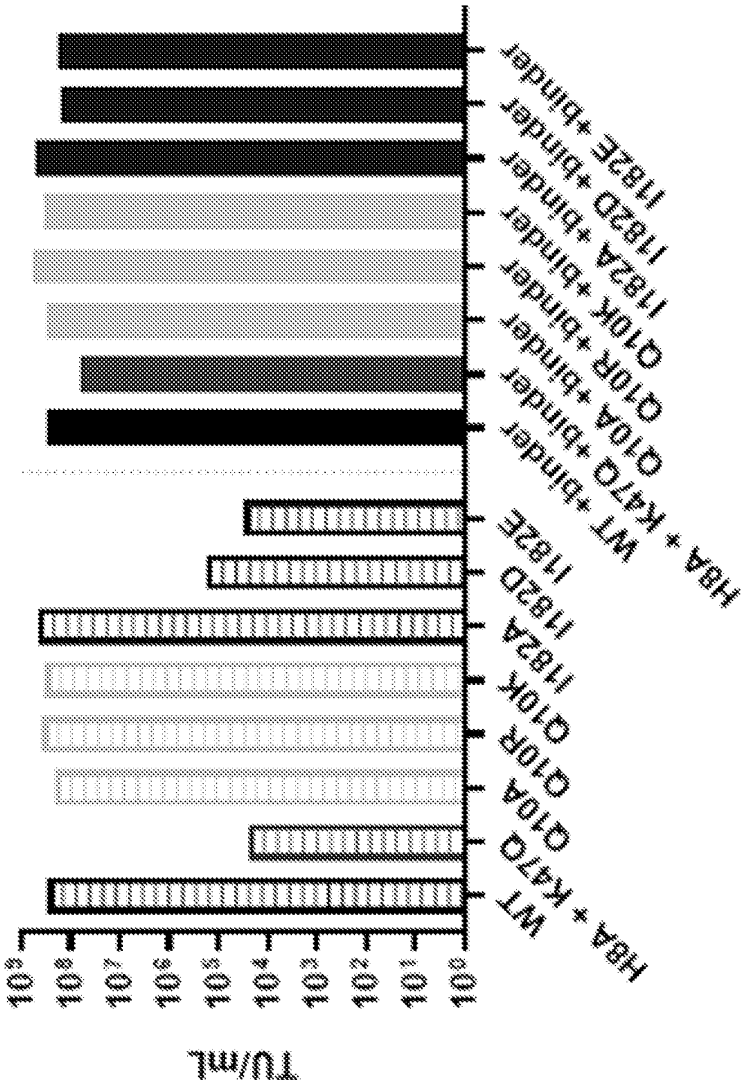


FIG. 2B

SEQ_ID_NO_2	KFTIVFPHNQKGNWKNVPSNYHYCPSSSDLNWINDLICTAIQVKMPKSHKAIQADGWNCH	60
SEQ_ID_NO_11	KLEIVFPQHTTCDWKRVRVHEXNYCPTSAKNSHGTQTCIPVELTMPKGLTTHQVIGFNCH	60
SEQ_ID_NO_13	KFTIVFPHNQKGNWKNVPSNYHYCPSSSDLNWINDLITGVSLHVKIFKSHKAIQADGWNCH	60
SEQ_ID_NO_15	KITISFPQSLKGDWRGVEPKGNVNYCPTSAKNLHGDLLIDIGLRAPKSENGISADGWNCH	60
SEQ_ID_NO_17	KFTIVFPQSQKGDWGDVFPNRYPCSSADQNWHGDLGVNIRAKMPKVHKAINKADGWNCH	60
SEQ_ID_NO_19	KFSIVFPQSQKGNWKNVPSNYHYCPSSSDLNWINDLIGITNKVKMPKTHKAIQADGWNCH	60
SEQ_ID_NO_21	KFTIVFPHNQKGNWKNVPANVQYCPSSSDLNWINGLLIGTSLQVKMPKSHKAIQADGWNCH	60
	: * **; *:*; ** *:*:*:*:* * * * * * * * * * * * * * * * * * *	
SEQ_ID_NO_2	ASKWVTTCDFRWYGPKYITHSIRSFTPSVEQCKESIEQTKQGTWLNFGFPFPQSCGYATVT	120
SEQ_ID_NO_11	SALWMTTCDFRWYGPKYITHSHNEEPTDYQCLEAKAYKDGVSFNFQFPFPQSCGYGTVT	120
SEQ_ID_NO_13	AAKWVTTCDFRWYGPKYITHSHSMSPTEQCKTSIEQTKQGVWINFQFPFPQSCGYATVT	120
SEQ_ID_NO_15	AAKWITTCDFRWYGPKYITHSHSRPSNDQCKEARIITNEGNWINFQFPFPQSCGYASVT	120
SEQ_ID_NO_17	AAKWVTTCDYRWYGPQVITHSHSFIPTKAQCKESIKQTKEGVWINFQFPFPKNCGYASVS	120
SEQ_ID_NO_19	AAKWITTCDFRWYGPKYITHSHSIQFTSEQCKESIKQTKGTWMSGFPFPQNCGYATVT	120
SEQ_ID_NO_21	AAKWVTTCDFRWYGPKYVTHSIKSMIFTVQCKESIAQTKQGTWLNFGFPFPQSCGYASVT	120
	::*:***;****;*:***;::*:**:*:*:*:*:*:*:*:*:*:*:*:*:*:*:*:*:*;	

FIG. 3

SEQ_ID	NO_2	DAAEAVIVQVTPHHVLVD EYTG EWVDSQTINGKCSNYICPTVHNSTIWHSDYKVKGCLCDSN	180
SEQ_ID	NO_11	DAAEAHIVTVTPHRSVKVDEYTGEMIDPHFIGERCKGQICEIVHNSTKWFTSSDSESVCSQL	180
SEQ_ID	NO_13	DAEVVVVQATPHHVILVD EYTGEMIDSQLVGEKCSKEVCQT VHNSTVWHDYKITGLCESN	180
SEQ_ID	NO_15	DSESVVVTVTKHQVLVD EYSGSWIDSQFPGGSCTSFICDT VHNSTLWHDHTLDSICDOE	180
SEQ_ID	NO_17	DAESIIVQATAHSVMIDEYSGDWLDSQFFPRTCTGSTCET IHNSTLWADYQVTGLCDSA	180
SEQ_ID	NO_19	DSVAVVUQATPHHVILVD EYTGEMIDSQFPNGKKCEECET VHNSTVWSDYKYVTGLCDAT	180
SEQ_ID	NO_21	DAAEAVIVKATEPHQVLVD EYTG EWVDSQFTPCKCNKD ICET VHNSTIWHSDYKVVGCLCAN	180
		* : * . * * * : *** ; * . * : : * * * * * * * : * . * :	
SEQ_ID	NO_2	LISMDITFFSEDGELSSLGKEGTGRSNYFAYETGCKACKMQYCKHWGVRLPSGVWFEMA	240
SEQ_ID	NO_11	F T LVGGTFFSDSEEITSMLGETGIRSNYFFPYVSTEGICKMPFCRKPGYNLKNDLWEQIT	240
SEQ_ID	NO_13	LASVDITFFSDEDCKTSLGNPTIGFRSNHFAYESGEKACRMQYCTQWGIRLPSPGVWFELV	240
SEQ_ID	NO_15	FVAMD AVLFTESC K HEEFCKPN SGIRSNYFFPYESLKDVCQMD FCKRGEKFLPSGVWFEEIE	240
SEQ_ID	NO_17	LVSTEVTFSYSEDGIMTSIGRQNTGYRSNIFFPYENGAAACRMKYCTHEGIRLPSPGVWFEMV	240
SEQ_ID	NO_19	LVDT EIT FFSDEDGKZESIGKNPTIGYRSNIFFAYEKGDVCKMNYCKHAGVRLPSGVWFEFV	240
SEQ_ID	NO_21	LISMDITFFSDEDGKLTSLGKEGTGRSNYFAYENGDKACRMQYCKHWGVRLPSGVWFEMA	240
		: . : : : : . : * : + * * * : * * . * : * * : * : * : * : * : *	

FIG. 3 (Continued)

SEQ_ID_NO_2	DKDLFA-----AAFFPECFEGSSISAPSQTSVDVSLIQDVERILLDYSLCQETWSKIRAGLP	296
SEQ_ID_NO_11	DEDLKTVRDLEPHIKDCDLSSIVTFGEHATDLSISDVERILLDYALCQNTWSKIEAGEP	300
SEQ_ID_NO_13	DKDLFQ-----AAKLPECFCRGSSISAPSQTSVDVSLIQDVERILLDYSLCQETWSKIRAKLP	296
SEQ_ID_NO_15	DAEKSHNAQVELKIKRCPHGAVISAPFNQNAADINLMDVERILLDYSLCQATWSKIQNKEA	300
SEQ_ID_NO_17	DKELLE-----SVQMPECFAGLTISAPTQTSVDVSLILDVERMLDYSLCQETWSKVHSGLP	296
SEQ_ID_NO_19	DQDVYA-----AAKLPECFVGATISAPTQTSVDVSLILDVERILLDYSLCQETWSKIRSKQP	296
SEQ_ID_NO_21	DKDIYN-----DAKFDCPEGSSIAAPSQTSVDVSLIQDVERILLDYSLCQETWSKIRAHLP	296
	* ; : : * . * : * : : . * : . * * * * : * * * : * * * * : .	
SEQ_ID_NO_2	ISEVDLSYLAPEKNPGTGPAFTIINGTLKYFETRYIRVDIAAPILLSRMVGMISGTTTEREL	356
SEQ_ID_NO_11	ITPVDLSYLGPKNPGAGPVFTIINGSLHYFMSKYLRVLELESFVIFRMGKVGAGTRIVRQL	360
SEQ_ID_NO_13	VSPVDLSYLAPEKNPGSGPAFTIINGTLKYFETRYIRVDISNFIIEHMGTMMSGTTTEREL	356
SEQ_ID_NO_15	LTPIDISYLGPKNPGGPAFTIINGTLHYFNIRYIEVDIAGPVTKIITGFVSGTSTSRVL	360
SEQ_ID_NO_17	ISPVDLGYIAPKNPGAGPAFTIVNGTLKYEDTRYLRIDIEGPNLKMVGKVSGETTKREL	356
SEQ_ID_NO_19	VSPVDLSYLAPEKNPGTGPAFTIINGTLKYFETRYIRIDIDNFIISKMGKISCSQTEREL	356
SEQ_ID_NO_21	ISPVDLSYLSPKNPGTGPAFTIINGTLKYFETRYIRVDIAGPIIPQMRGVISGTTTEREL	356
	: : * : . * : , * * * * * * * , * * * : * : * : * : * : * : . : * : : * : * *	

FIG. 3 (Continued)

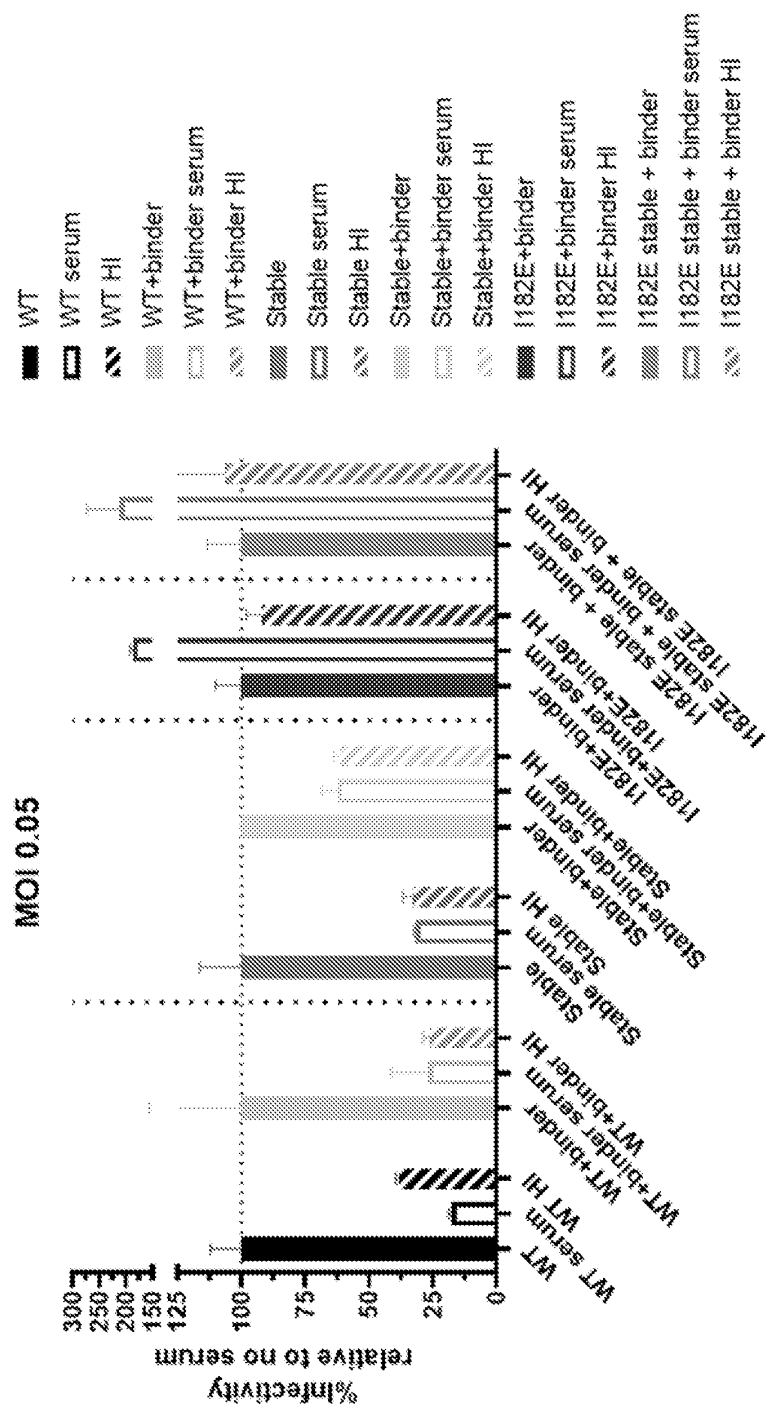


FIG. 4

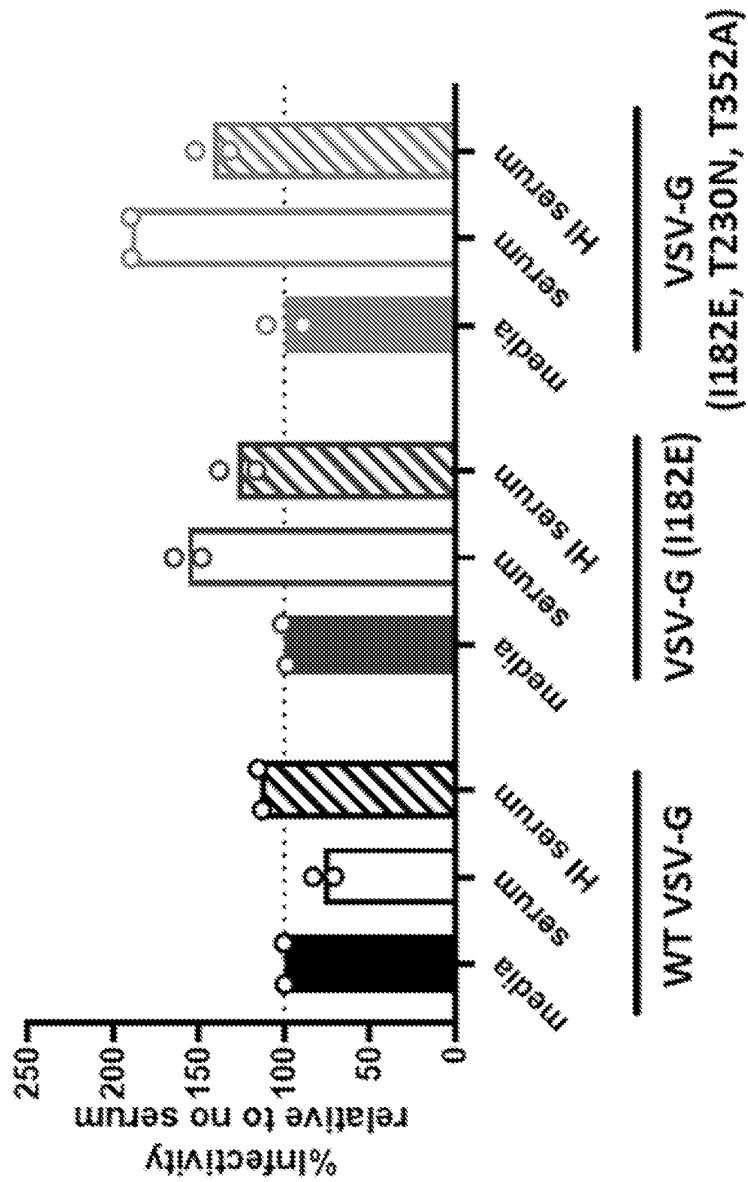


FIG. 5

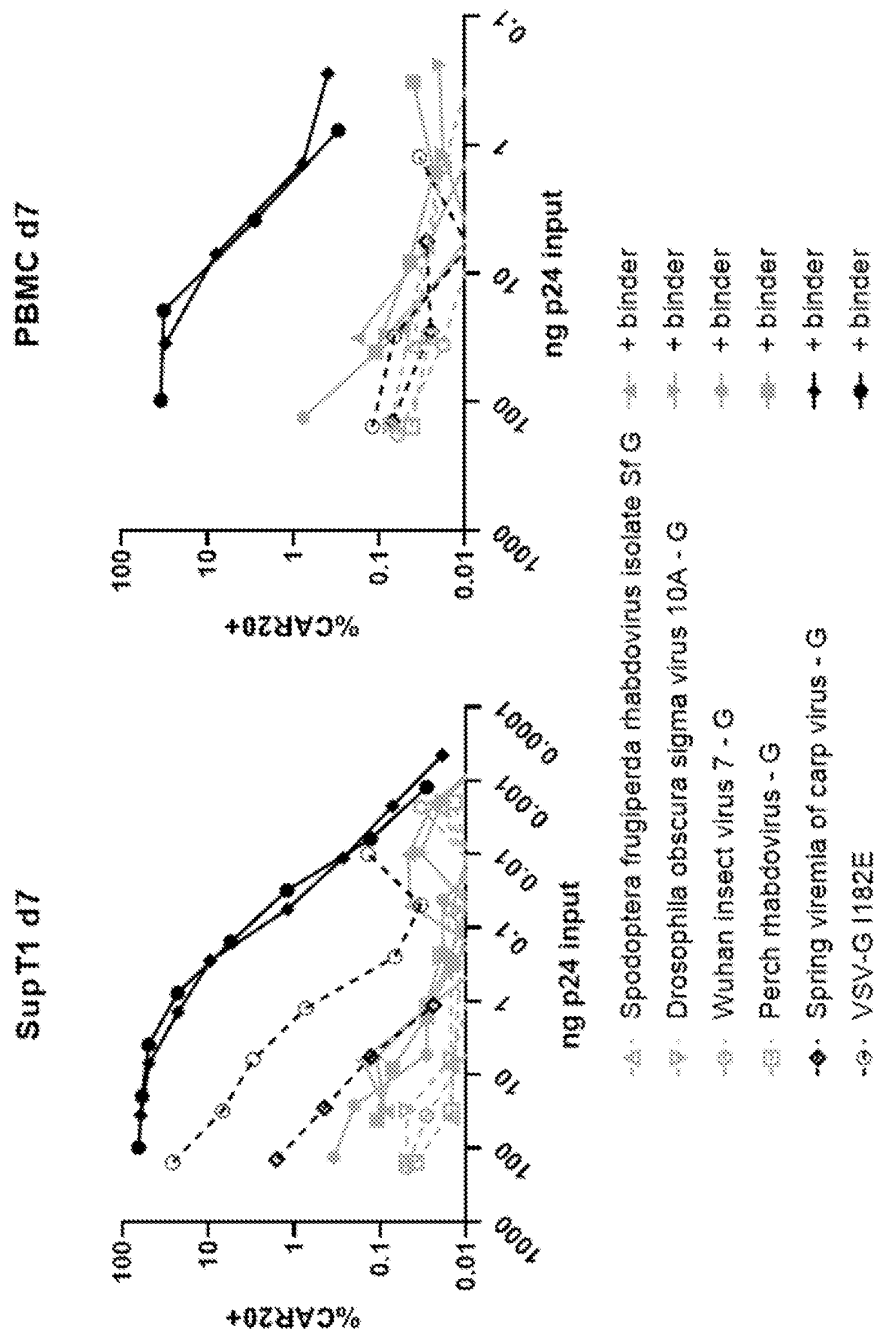


FIG. 6

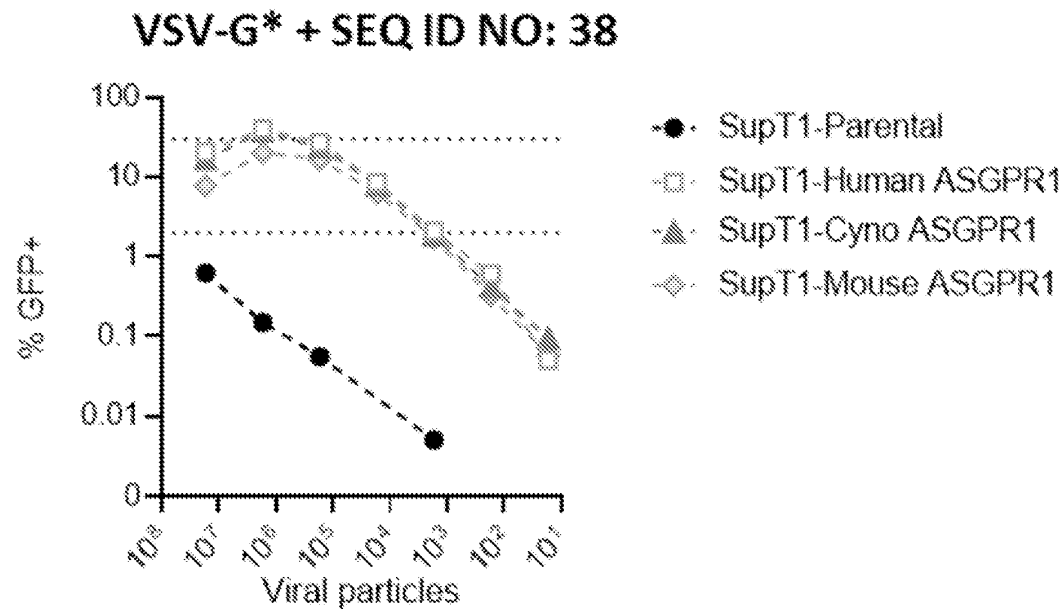


FIG. 7A

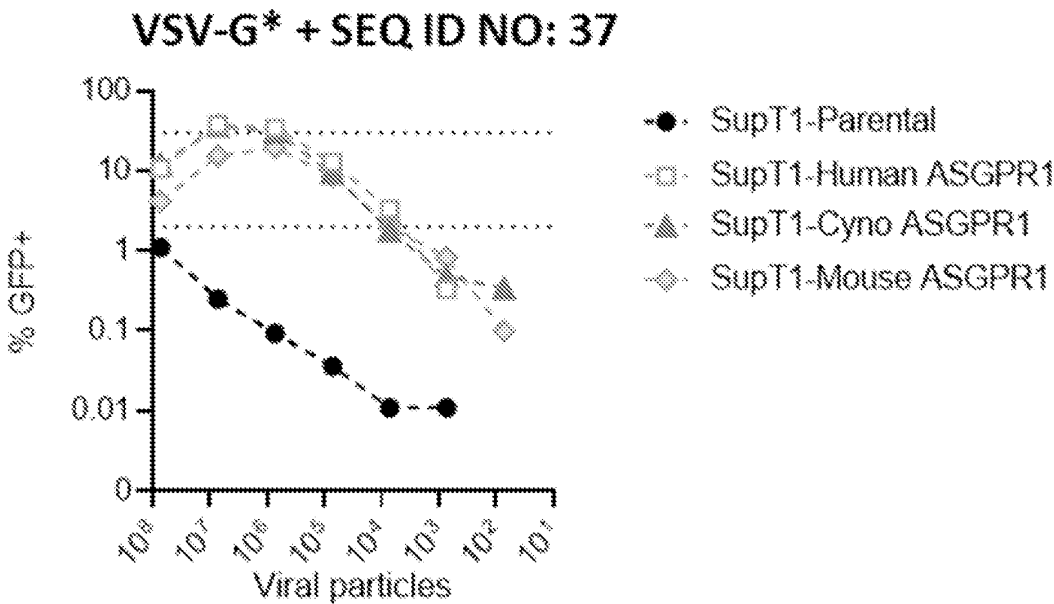


FIG. 7B