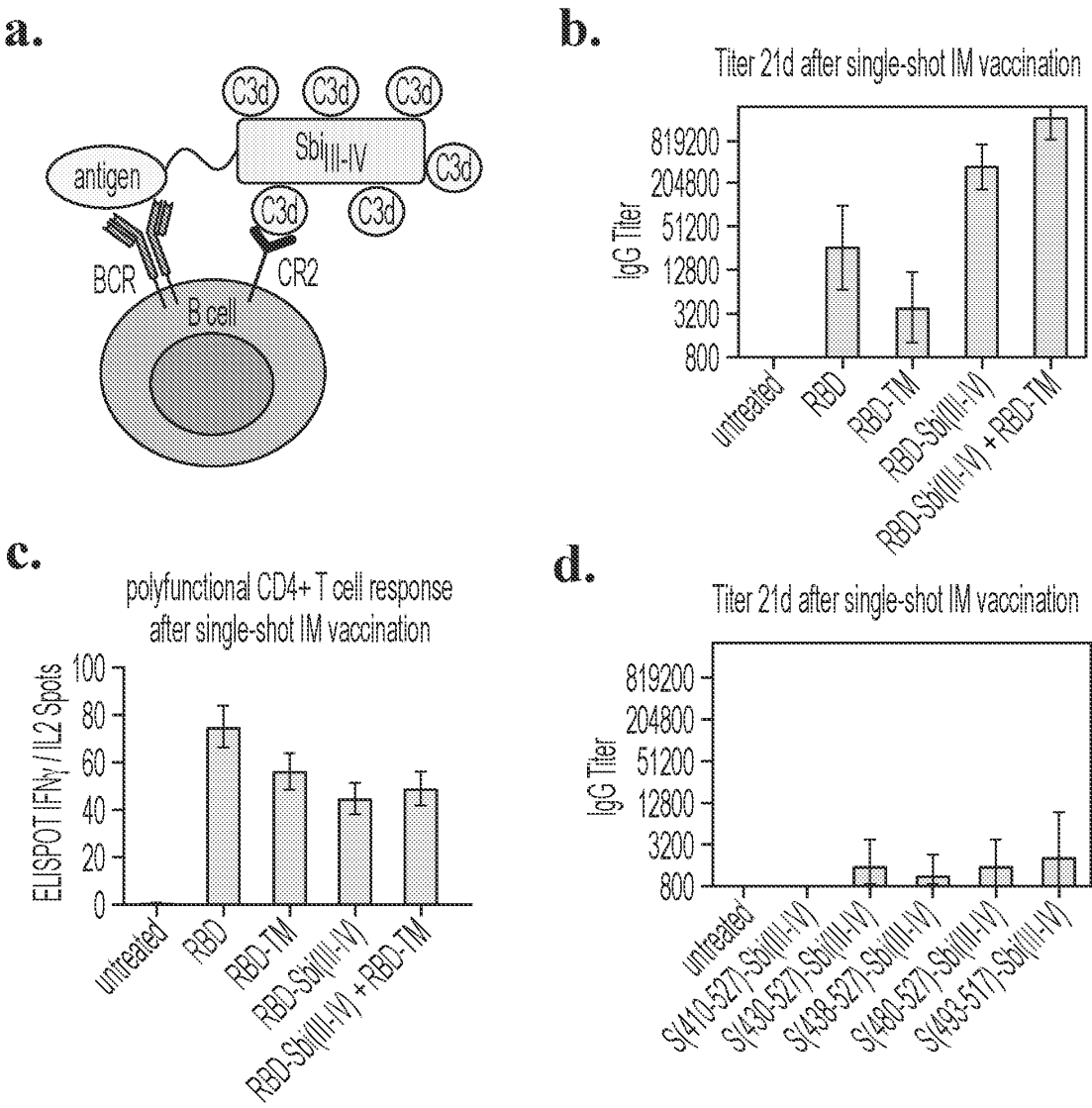
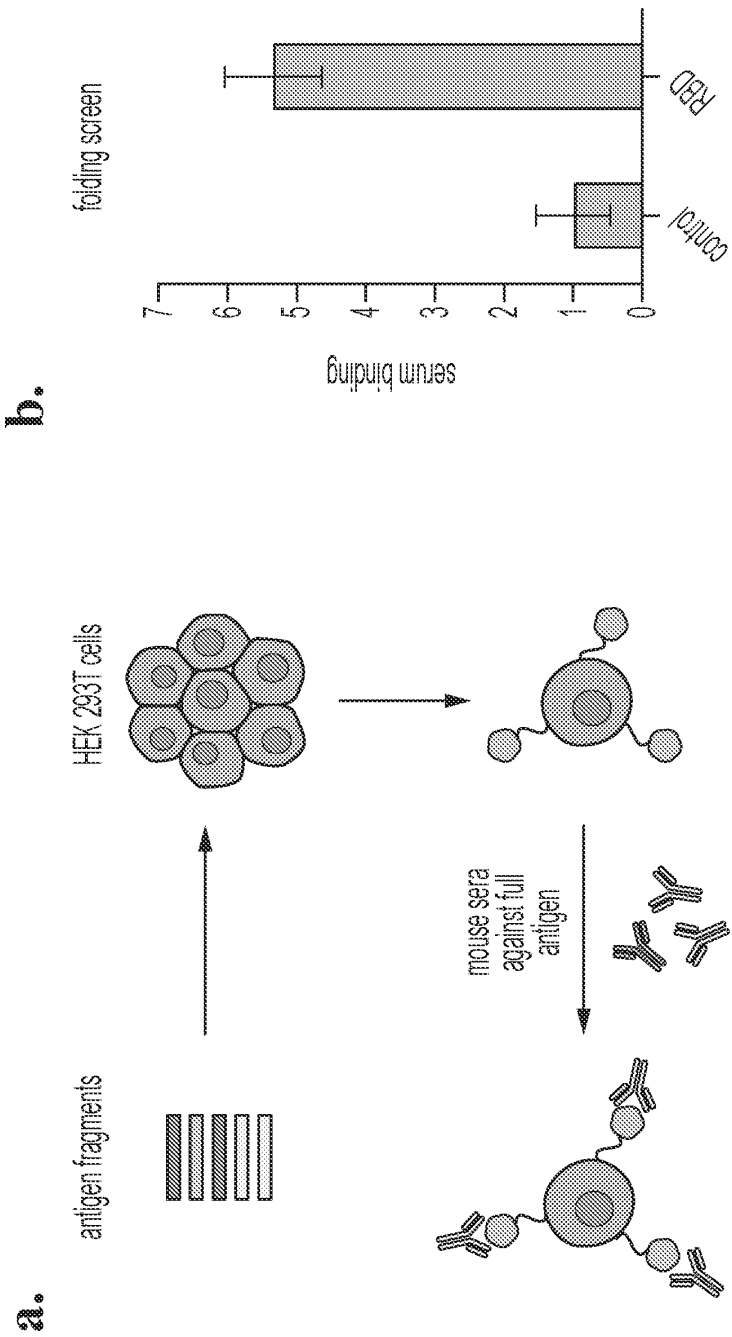




FIGs. 1A-1D



FIGs. 2A-2B

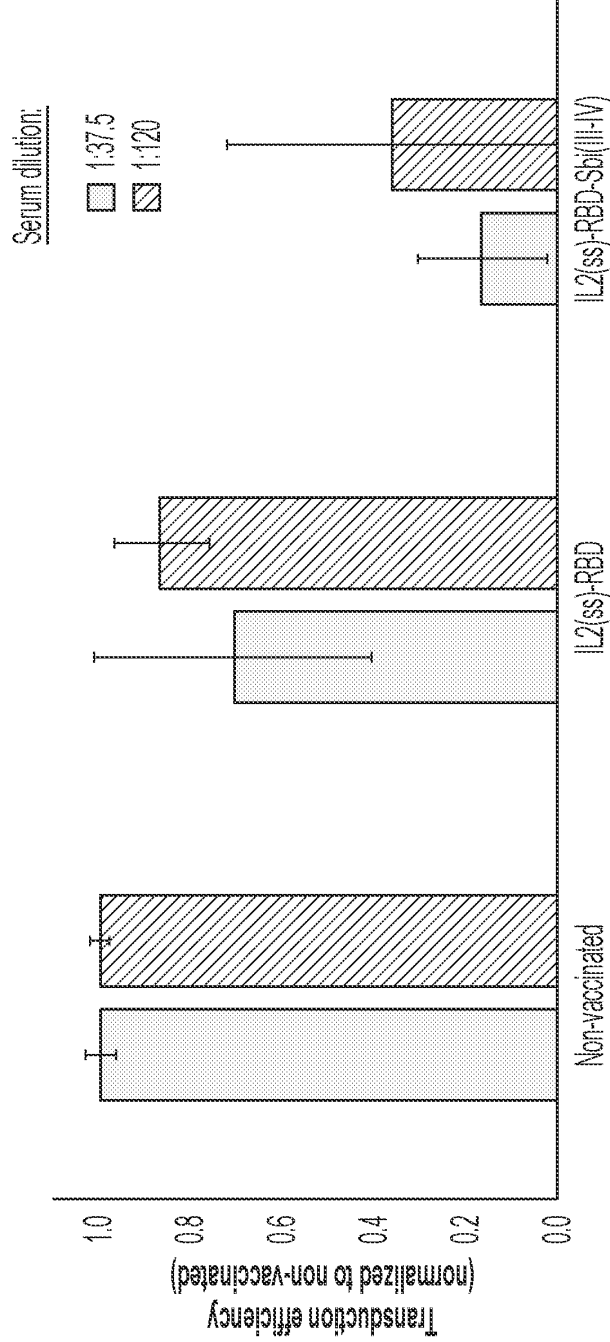


FIG. 3

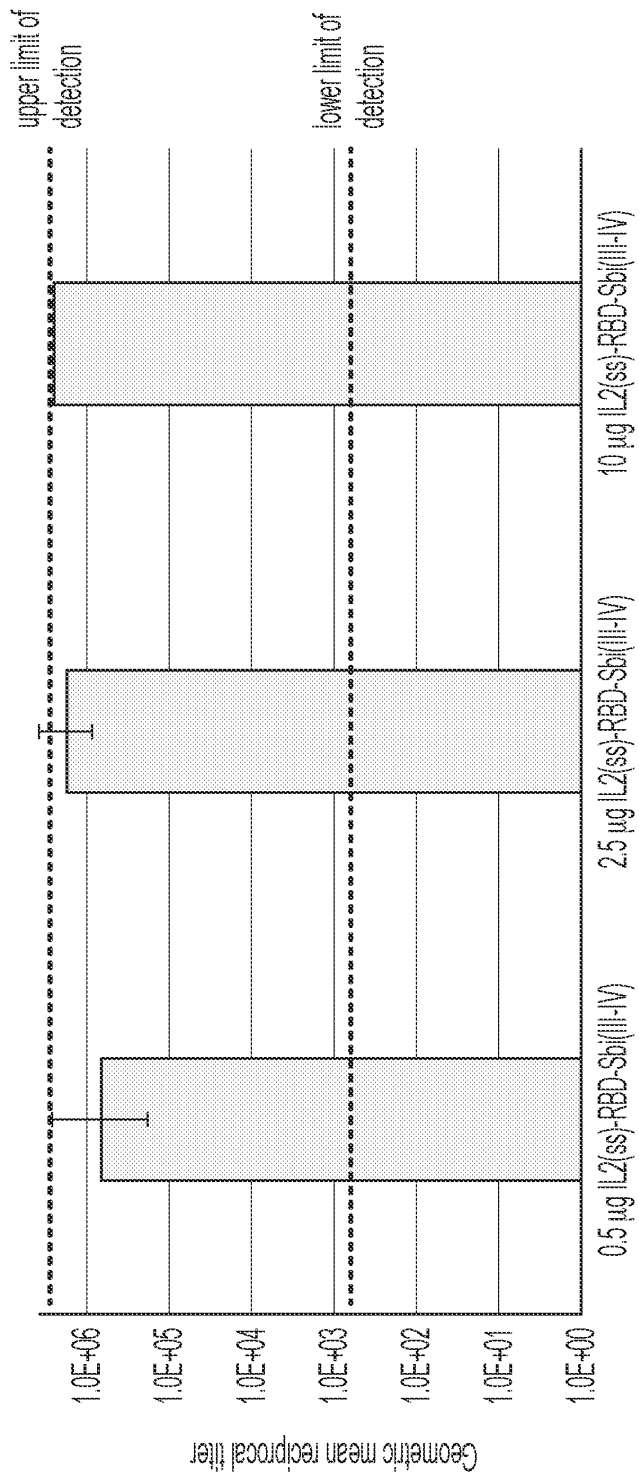


FIG. 4A

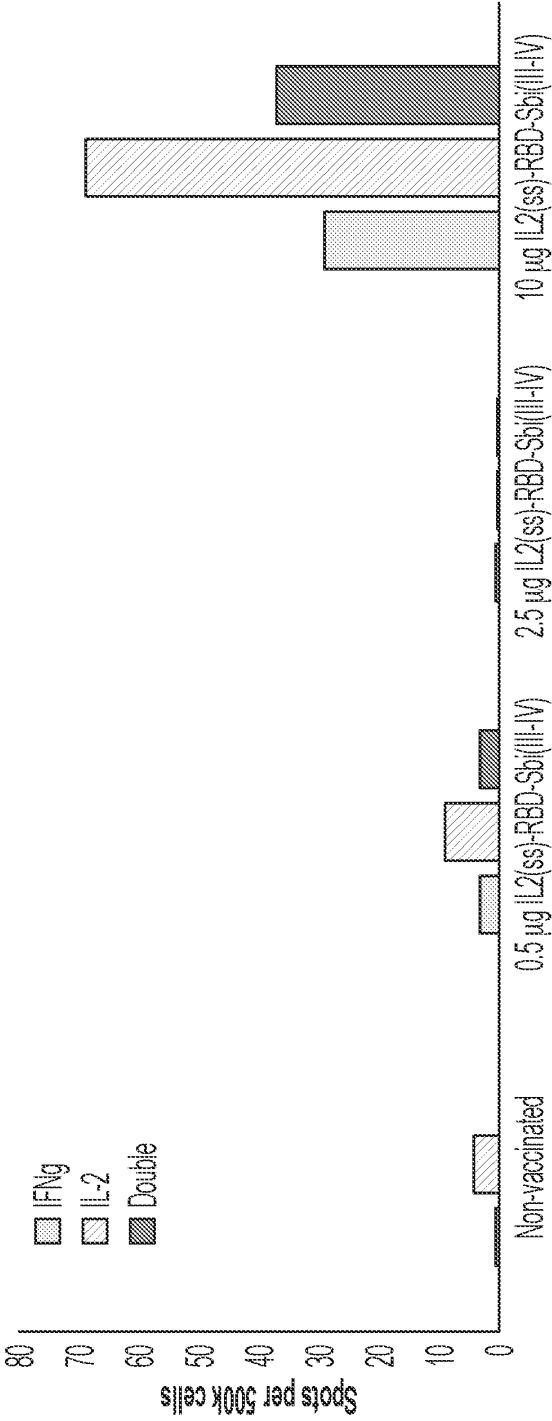


FIG. 4B

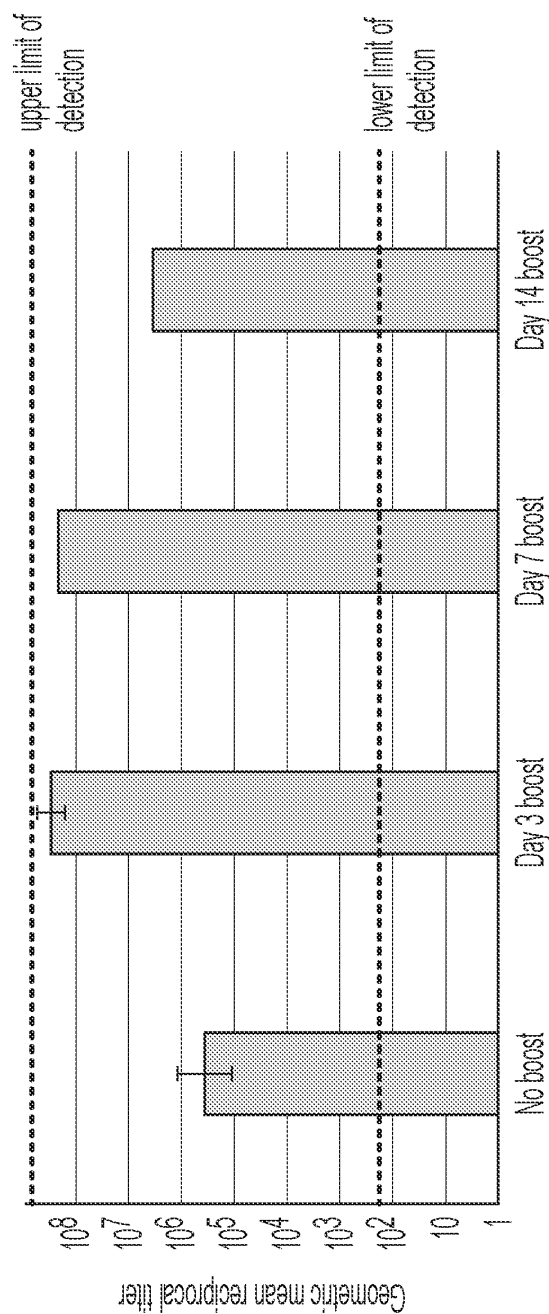


FIG. 5A

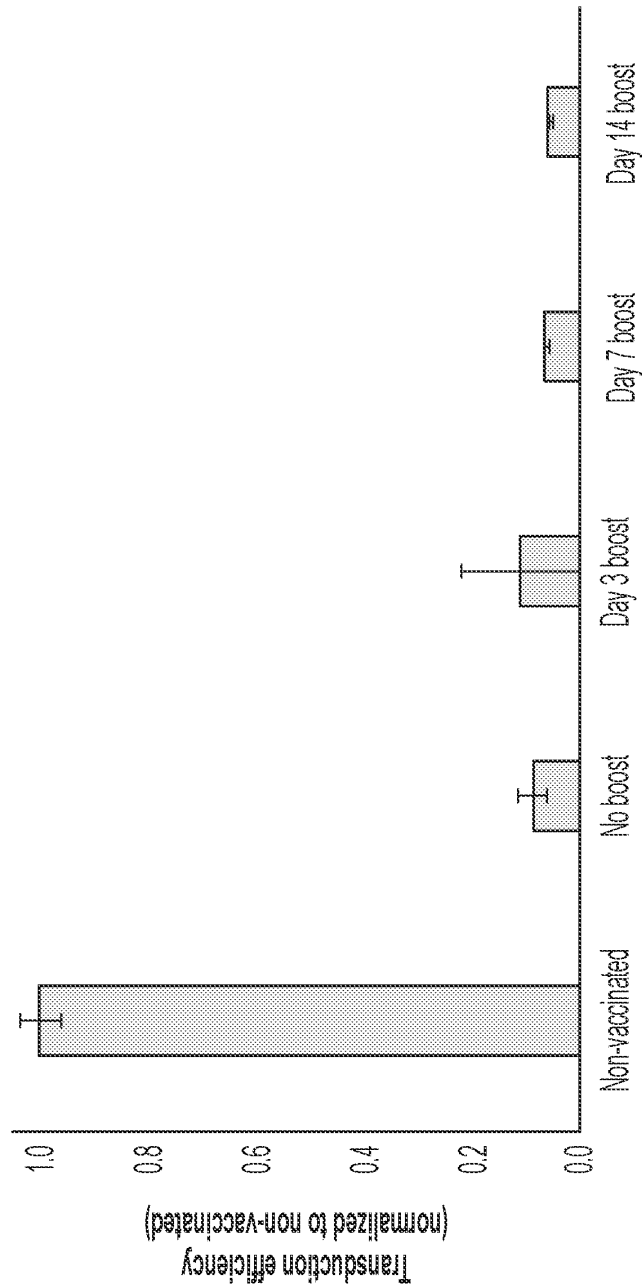


FIG. 5B

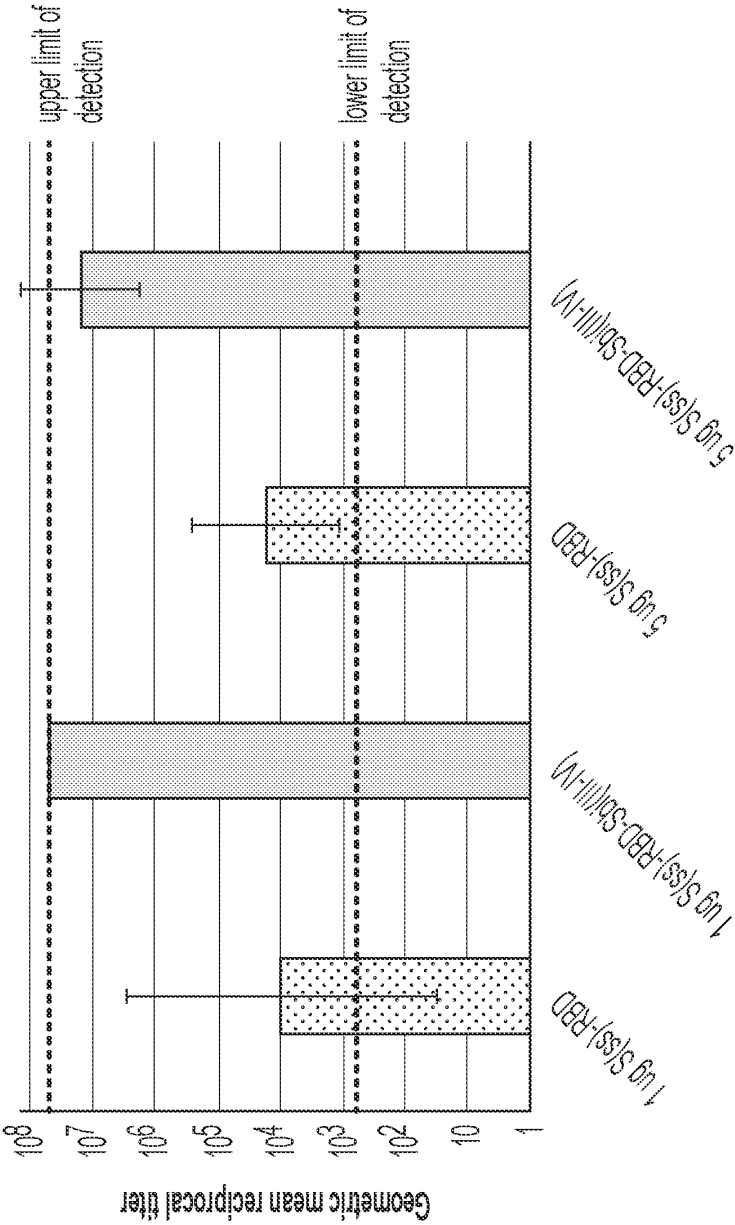


FIG. 6

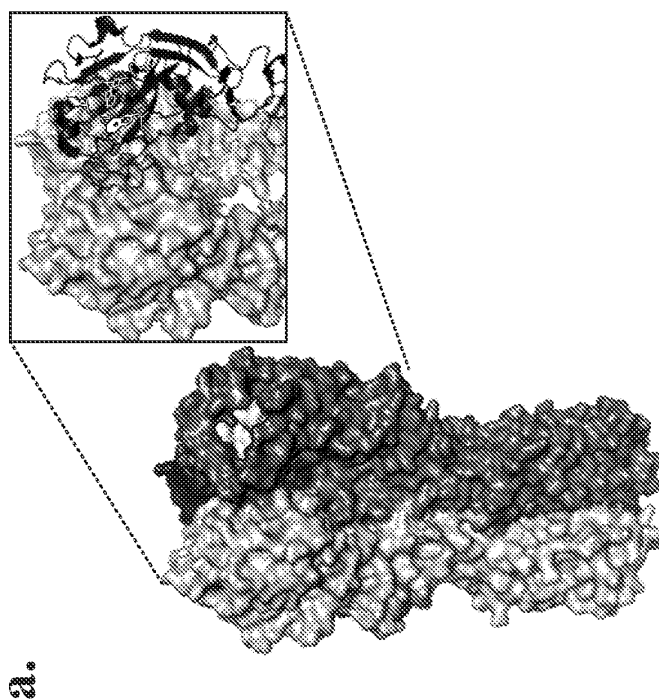


FIG. 7A

b.		Y98			
	A/Ostrava/801/1998	IVETPNPENGTCY	PGYFADYEELREQLSSVSSFFERFEIFPKESWPNHHTV-TGVSA	SCSH	
	A/FortMonmouth/1/1947	IAETPNSENGAC	YPGDFADYEELREQLSSVSSFFERFEIFPKERSWPKHNI	TRGVTAA	ACSH
	A/USSR/90/1977	IAETPNSENGTC	YPGYFADYEELREQLSSVSSFFERFEIFPKERSWPKHN	VTGRVTA	SCSH
	A/WSN/1933	IVETPNSENGAC	YPGDFIDYEELREQLSSVSSLERFEIFPKESWPNHTE	-NGVTV	SCSH
	A/SouthCarolina/1/1918	IVETSNSENGTC	YPGDFIDYEELREQLSSVSSFEKFEIFPKTSSWPNHET	TKGVTAA	ACSY
	A/California/04/2009	IVETPSSDNGTC	YPGDFIDYEELREQLSSVSSFFERFEIFPKTSSWPNHDSN	KGVTAA	CPH
		*. *. *. .	: **: *: *: *: *: *: *: *: *: *: *: *: *	** *: *: *: *: *	: *
		SK136	W153	H183	LH194
	A/Ostrava/801/1998	NGKSFYRNLL	WLTKKNGLYPNLSKSYVNNKKEVLVLWGVHH	HPSNIGDQRTI	YHTENAY
	A/FortMonmouth/1/1947	AGKSFYKNLL	WLTETDGSYPKLSKSYVNNKKEVLVLWGVHH	HPSNIEDQKTL	YRKENAY
	A/USSR/90/1977	KGKSFYRNLL	WLTETKNGSPNLSKSYVNNKKEVLVLWGVHH	HPSNIEDQKTI	YRKENAY
	A/WSN/1933	RGKSFYRNLL	WLTKKGDSYPKLTNSYVNNKKEVLVLWGVHH	HPSSSDEQQL	YSNGNAY
	A/SouthCarolina/1/1918	AGASFYRNLL	WLTKKGSSYPKLSKSYVNNKKEVLVLWGVHH	HPPTGTDQQL	YQNADAY
	A/California/04/2009	AGAKSFYKNLL	WLVKKGNSYPKLSKSYINDKKEVLVLWGIHH	HPSTADQQL	YQNADTY
		*. *. *. *: *: *: *: *: *: *: *: *: *: *: *	** *: *: *: *: *: *: *: *: *: *: *: *	: *: *: *: *: *	: *

FIG. 7B