

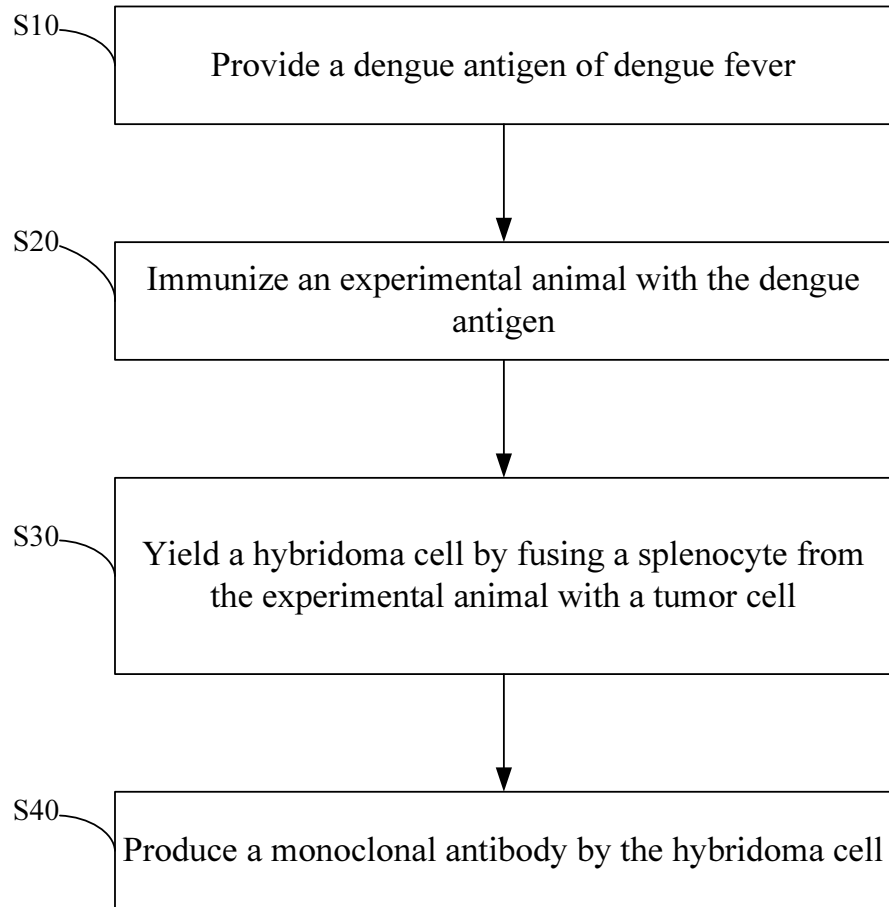


Fig. 1

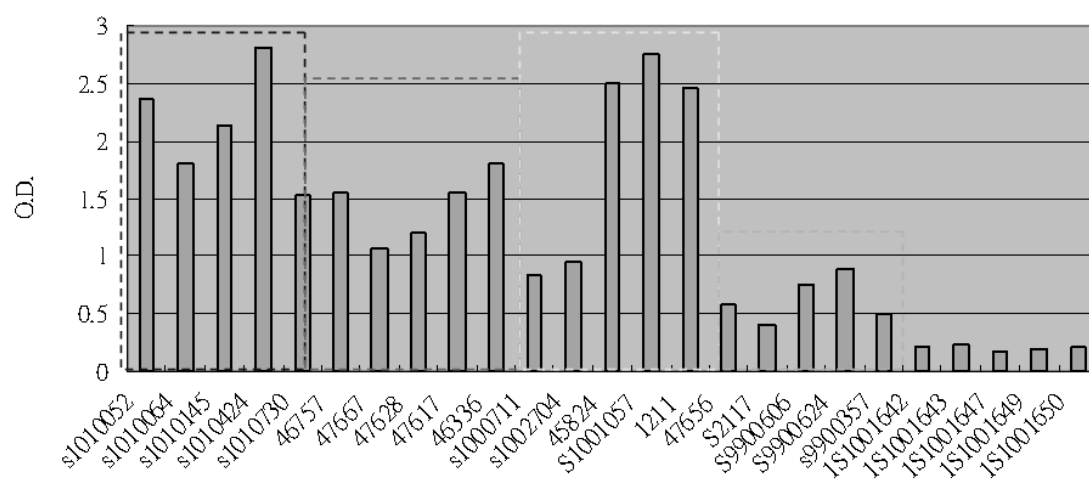


Fig. 2

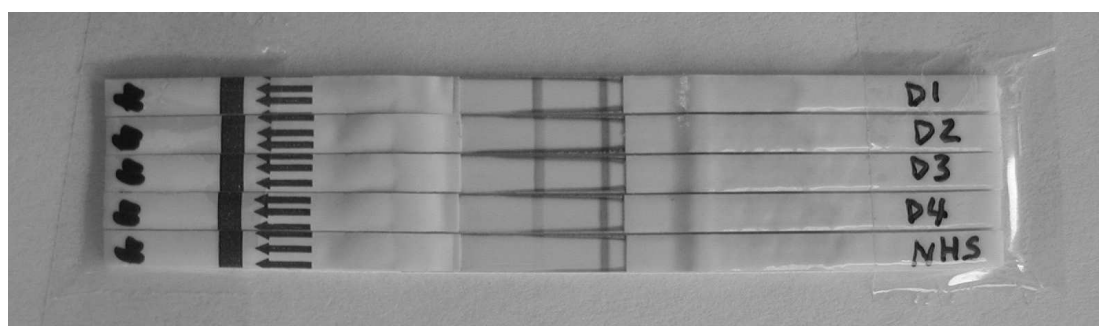


Fig. 3

	HFR1	HCDR1	HFR2	HCDR2
NS1-3	RFSLQQSGPGLVQPSQSL SITCTVS	GFSLTTHA	LHWVRQSPGKGLEWLG	IWSGGST
NS1-4	EVQLQQSGAELARPGASVKMSCKTS	GFTFTSYT	MHWVKQRPQGQGLEWIGF	INPYSGIT
NS1-5	QVQLQQSGADLVRPGTSVKMSCKAA	GYTFSNYW	IGWLKQRPQGQGLEWIGD	LYPGGDYT
NS1-8	HFYLVQESGAELVRPGSSVKISCKAS	GYAFSSYW	MNWWVKQRPQGQGLEWIGQ	IYPGDDGS
NS1-9	MPQLQQSGPELVKPGSSVKMSCKAS	GYTFTSYV	MHWVKQKPKQGQGLEWIGY	INPYNDGT
NS1-10	CWFSQQSGAELAKPGASVKMSCKAS	GYTFTSYW	MHWVKQRPQGQGLEWIGY	INPNTGST
NS1-11	EVQLQQSGAELVKPGASVKLSCTAS	AFNIKDTY	IHWVKQRPEQGQGLEWIGR	IDPANDNT
HFR3				
			HCDR3	
NS1-3	DYCATFISRLTISKDNSKRQVFFKMNLSLQANDTAIYYC		ARNRGGYPPAMDYWGQ	
NS1-4	NYNQNFKDKATLTADKSSSTAYMQLSSLTSEDSAVYYC		T R A P F V M D Y	
NS1-5	NYNENFKGKATLTADTSSSTAYMQLSSLTSEDSAIYYC		A T Y Y G S Y D Y F D Y	
NS1-8	NYNGKFKGKATLTADKSSSTAYMQLSSLTSEDSAVYFC		ARWGLVRMASGFAY	
NS1-9	KYNEKFKGKATLTSDKSSSTAYMELSSLTSEDSAVYYC		S R E G L L Y A M D Y	
NS1-10	EYNREFKDKATLTAYKSSSTAYMQLSSLTSEDSAVYYC		A R E N Y R Y D G A M D Y	
NS1-11	KYDPKFKGKATLTADTSSNTAYLQLSSLTSDDTAVYYC		A R P I H Y Y G Y D Y	

Fig. 4A

	LFR1	LCDR1	LFR2	LCDR2
NS1-3	DIVLTQSPASLA VSLGQRATISYRAS	KSVSTSGYSY	MHWNQQKPGQPRLLIY	L V S
NS1-4	KLACLQVDSRGDPDLYSWCSITCKAS	Q D V S T A	VAWYQQKPGQSPKLLIY	S A S
NS1-5	DIVLTQSPTTMAASPGEKITITCSAS	S S I S S N Y	LHWYQQKPGFSPKLLIY	R T S
NS1-8	DIVLTQTPLTLSTIGQPASISCKSR	QSLDSDGKTY	LNWLLQRPGESPKLLIY	L V S
NS1-9	SKLLTQSPAIMSAFPGEKVTMTCSVS	S S L S Y	MHWYQQKSGTSPKRWIY	D T S
NS1-10	DIVLTQTPAILSASPGEKVTMTCRAI	S S V S Y	IHWYQQKPGSSPKPWY	A T S
NS1-11	YIVLTQSPAIMSASPGEKVTMTCSAS	S S I T Y	IHWYQQKSGTSPKRWIY	D T S
	LFR3	LCDR3		
NS1-3	NLESGVARFSGSGTGDTFTLNHPVEEEDAATYYC	Q H I R E L T R		
NS1-4	YRYTGVDPDRFTGSGSGTGDTFTTSSVQAEDLAVYYC	QQHYSSPWT		
NS1-5	NLASGVPARFSGSGGTSYSLTIGTMEAEDEVATYYC	QQDSSIPFT		
NS1-8	KLD SGVPDRFTGSGSGTGDTFTLKISRVEAEDLGVYYC	QQHYSSPWT		
NS1-9	KLASGVPARFSGSGGTSYSLTITSMEAEEDAATYYC	QQWTSNPWT		
NS1-10	NLASGVPARFSGSGGTSYSLTISRVEAEDAATYYC	QQWTNKPPT		
NS1-11	KLASGVPARFSGSGGTSYSLTISMEAEEDAATYYC	QQWSSSPLT		

Fig. 4B