Fig. 1

	1	2	3	4	5	6
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
6E4HV0	QVQLVQSGAE	VKKPGASVKV	SCKASGYTFT	SYWMHWVRQA	PGQGLEWMGE	INPRNGGTNN
HV2		K V		RQ	F M	
HV3		K V		RQ	F I	
HV4		K V		RQ	F I	
HV5		K V		RL	F I	
HV7a		K V		RL	F I	
HV7b		K V		RQ	F I	
HV9		V V		RL	F I	
HV12		V L		KL	F I	

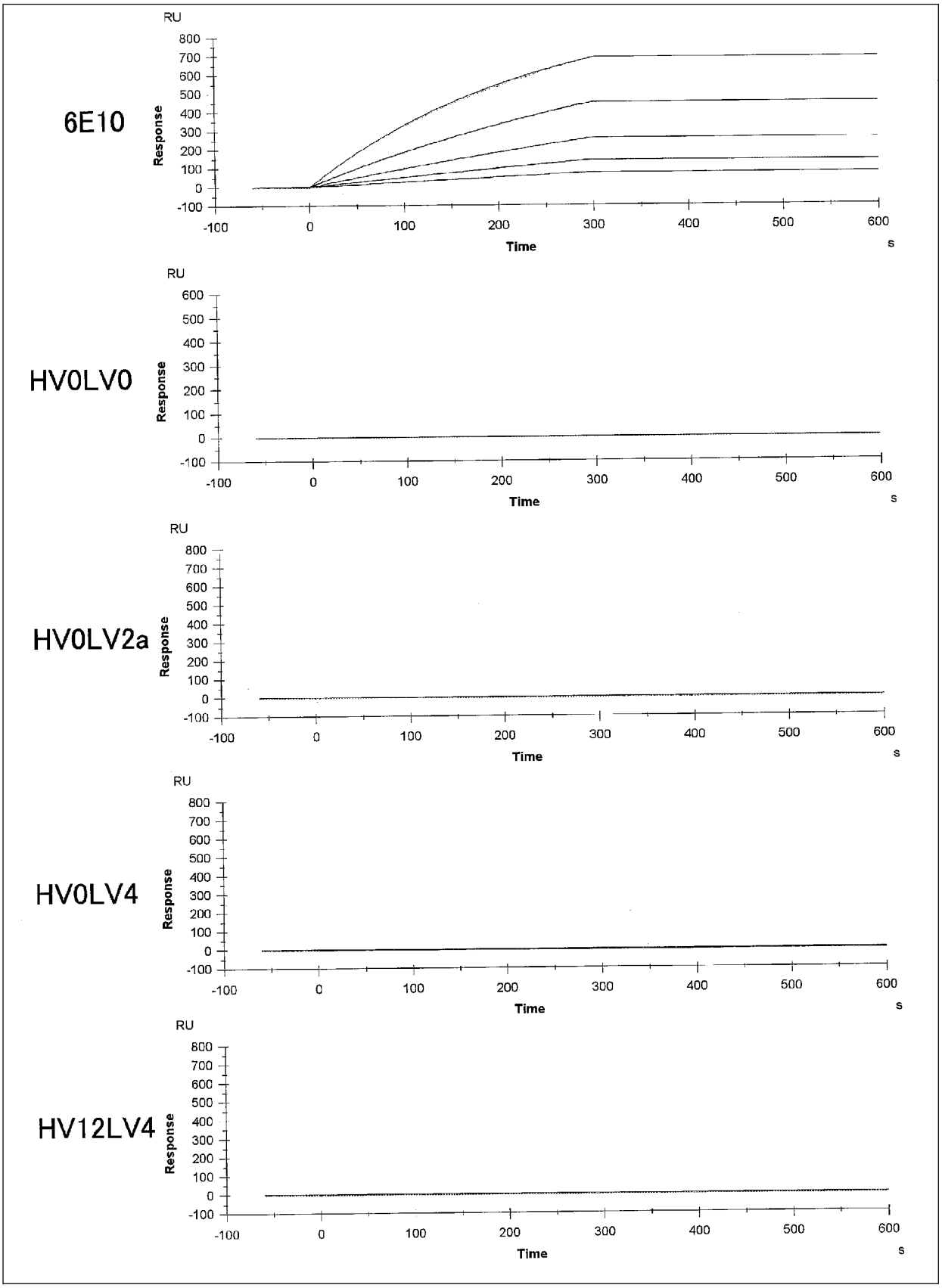
	7	8	9	10	11	
	1234567890	1234567890	1234567890	1234567890	1234567890	12345678
6E4HV0	NENFKRRVTI	TADTSTSTAY	MELSSLRSED	TAVYYCARDG	NYDPFAYWGQ	GTLVTVSS
HV2	RV I	A T		T		
HV3	RV I	A T		T		
HV4	KV I	A T		T		
HV5	KV I	A T		T		
HV7a	KA I	A K		T		
HV7b	KA I	V K		T		
HV9	KA I	V K		T		
HV12	KA L	V K		T		

Fig. 2

	1	2	3	4	5	6
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
6E4LV0	DIVMTQSPLS	LPVTPGEPAS	ISCRSSQSLV	HSNGNTYLHW	YLQKPGQSPQ	LLIYKVSNRF
LV2a	I	P			K	
LV2b	V	P			Q	
LV2c	I	L			Q	
LV2d	V	P			K	
LV3	I	L			K	
LV4	V	L			K	

	7	8	9	10	11	
	1234567890	1234567890	1234567890	1234567890	1234567890	123
LV0	SGVPDRFSGS	GSGTDFTLKI	SRVEAEDVGV	YYCSQSTHVP	PYTFGQGTKL	EIK
LV2a				F		
LV2b				F		
LV2c				F		
LV2d				Y		
LV3				F		
LV4				F		

Fig. 3


6E10
HV0LV0
HV0LV2a
HV0LV4
HV12LV4
RU
Response
Time
s
800
700
600
500
400
300
200
100
0
-100
-100
0
100
200
300
400
500
600