

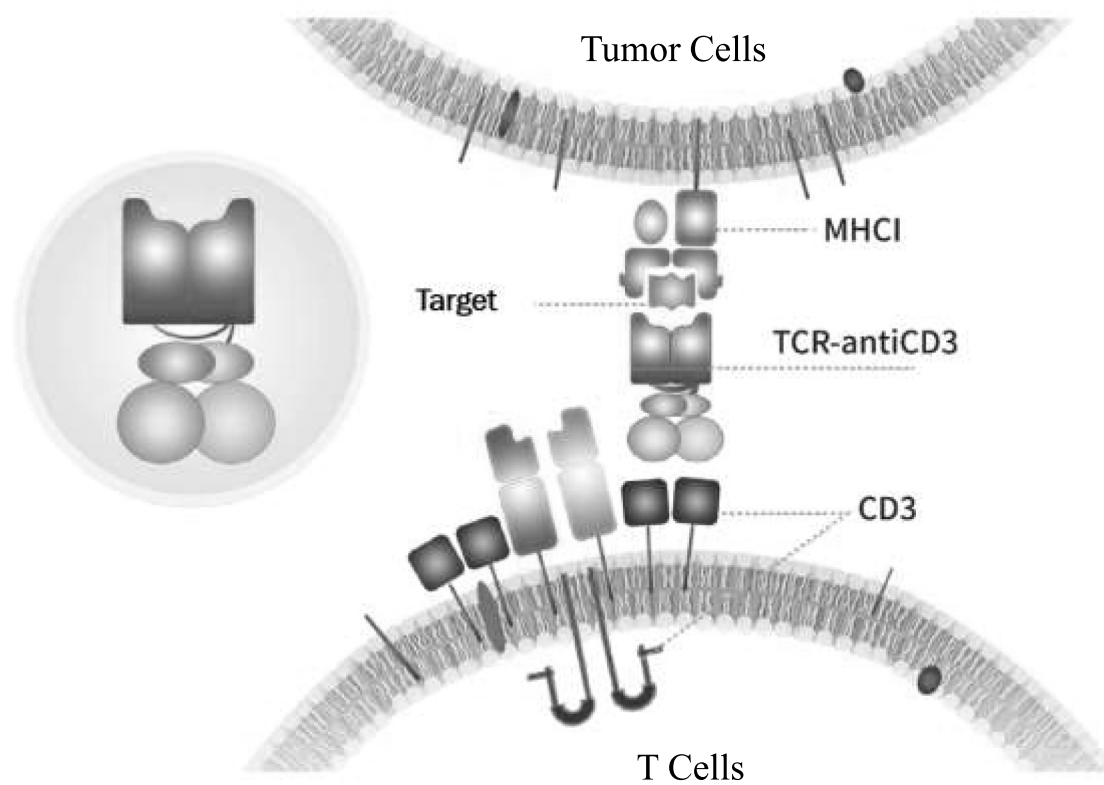


FIG. 1

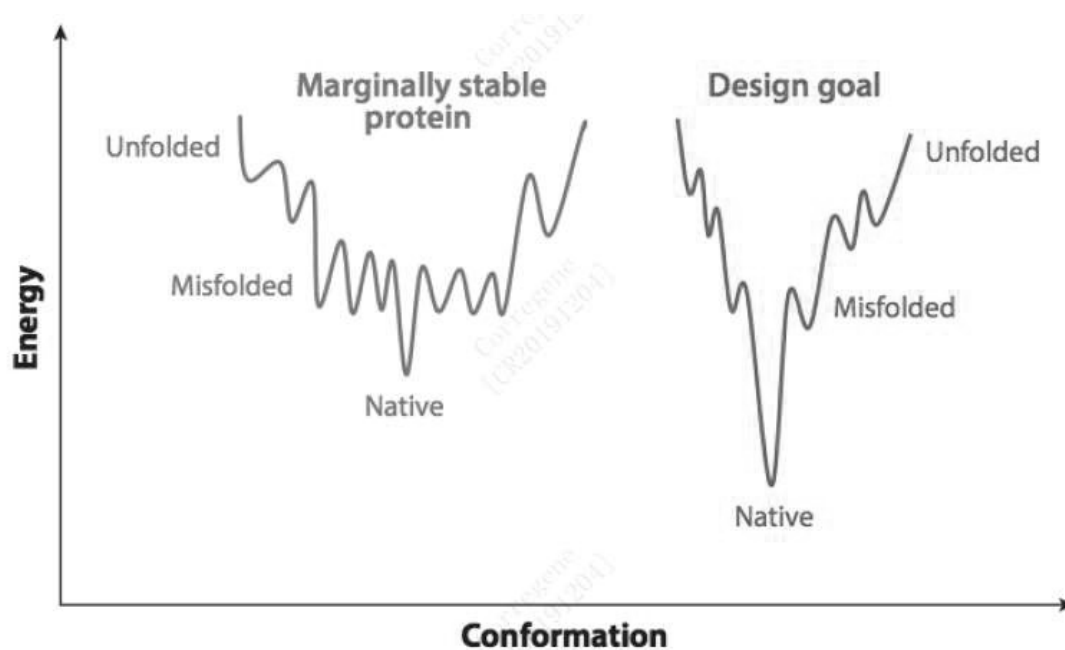


FIG. 2

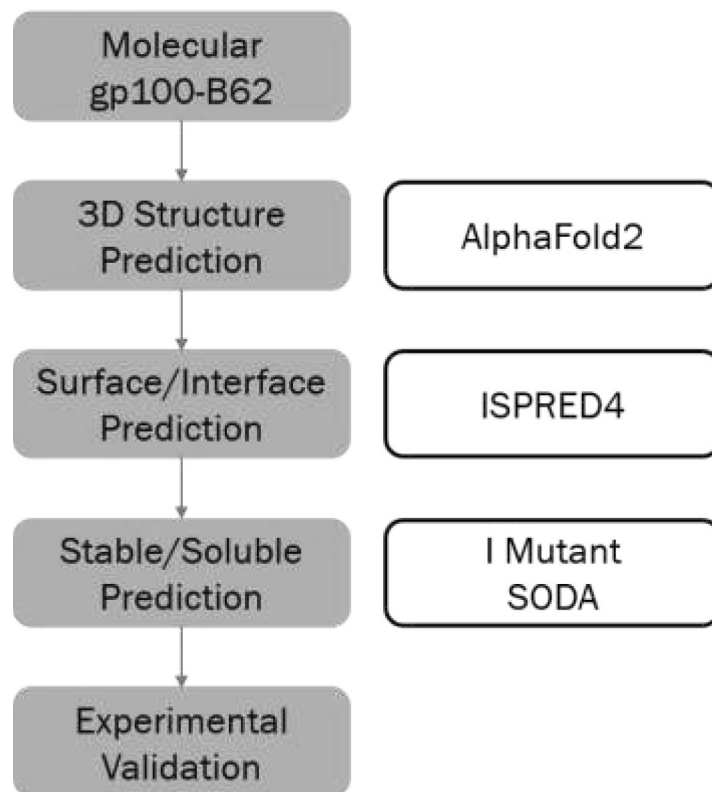


FIG. 3

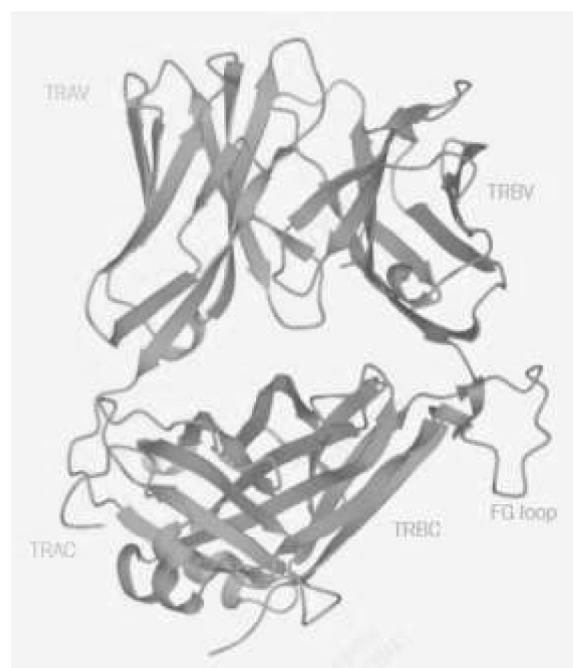


FIG. 4

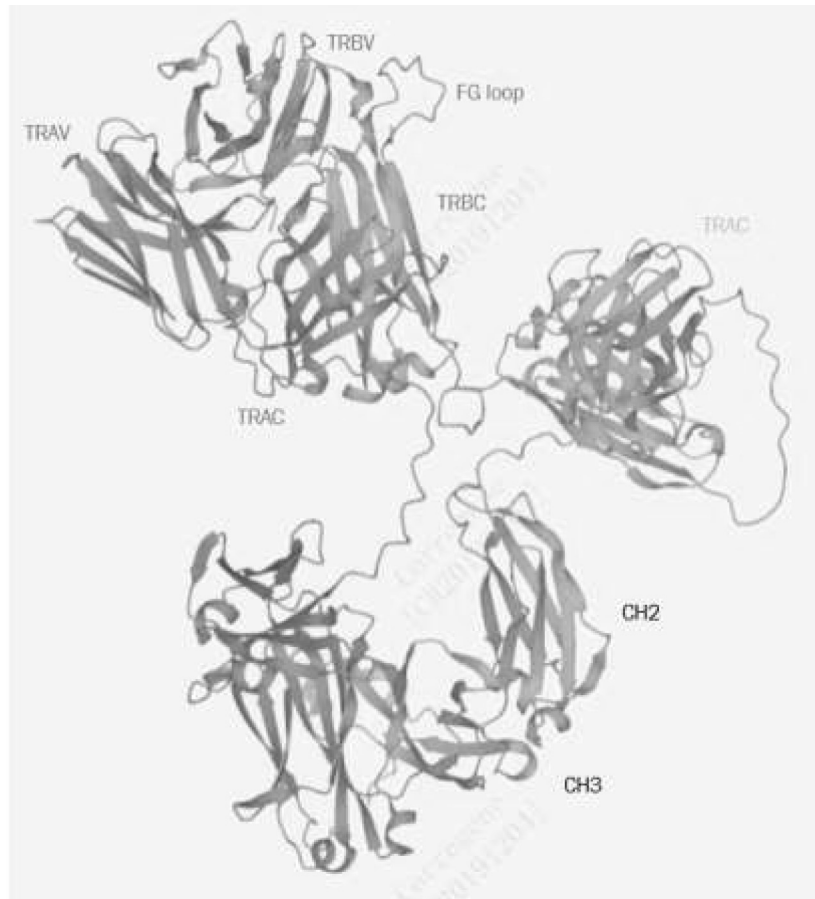


FIG. 5

■ Interface ■ Surface □ Buried

1	G	E	D	V	E	Q	S	L	P	L	S	V	R	E	G	D	S	S	V	I	N	C	T	Y	T	D	S	S	M	T	I	L	Y	W	Y	K	Q	D	P	G	
41	A	G	L	Q	L	L	T	T	I	F	Y	Q	D	K	L	D	Q	R	L	T	V	L	L	N	K	K	D	K	H	L	S	L	R	I	A	D	T	Q			
81	T	G	D	A	I	Y	F	C	A	G	S	G	U	G	T	D	K	L	I	V	G	T	G	T	R	L	Q	V	F	P	N	I	Q	K	P	D	P	A	V		
121	Y	Q	R	D	S	K	S	S	D	K	I	V	C	L	F	T	D	F	D	S	Q	T	N	V	S	Q	S	K	D	S	V	Y	I	T	D	P	C	V			
161	L	D	M	R	D	M	D	F	K	S	N	S	A	V	A	W	S	N	K	S	D	F	A	C	A	N	A	F	N	N	S	I	I	P	E	D	T	E	P	A	
201	S	S	D	K	T	H	T	P	F	C	P	A	P	P	V	A	G	P	S	V	F	L	F	P	P	K	P	K	D	T	L	M	I	S	R	T	P	E	V		
241	T	C	V	V	V	D	V	S	H	E	D	P	E	V	K	F	N	W	Y	V	D	G	V	E	V	H	N	A	K	T	K	P	R	E	E	Q	Y	Q	S	T	
281	Y	V	V	S	V	L	T	V	L	H	Q	D	W	L	N	G	K	E	Y	K	C	K	V	S	N	K	G	L	P	S	S	I	E	K	T	I	S	K	A		
321	K	G	Q	P	R	E	P	Q	V	Y	T	L	P	P	C	R	D	E	L	T	K	N	Q	V	S	L	W	C	L	V	K	G	F	Y	P	S	D	I	A	V	
361	E	W	E	S	N	G	Q	P	E	N	N	Y	K	T	T	P	P	V	L	D	S	D	G	S	F	F	L	Y	S	K	L	T	V	D	K	S	R	W	Q	Q	
401	G	N	V	F	S	C	S	V	M	H	E	A	L	H	N	H	Y	T	Q	K	S	L	S	L	S	P	G	K													

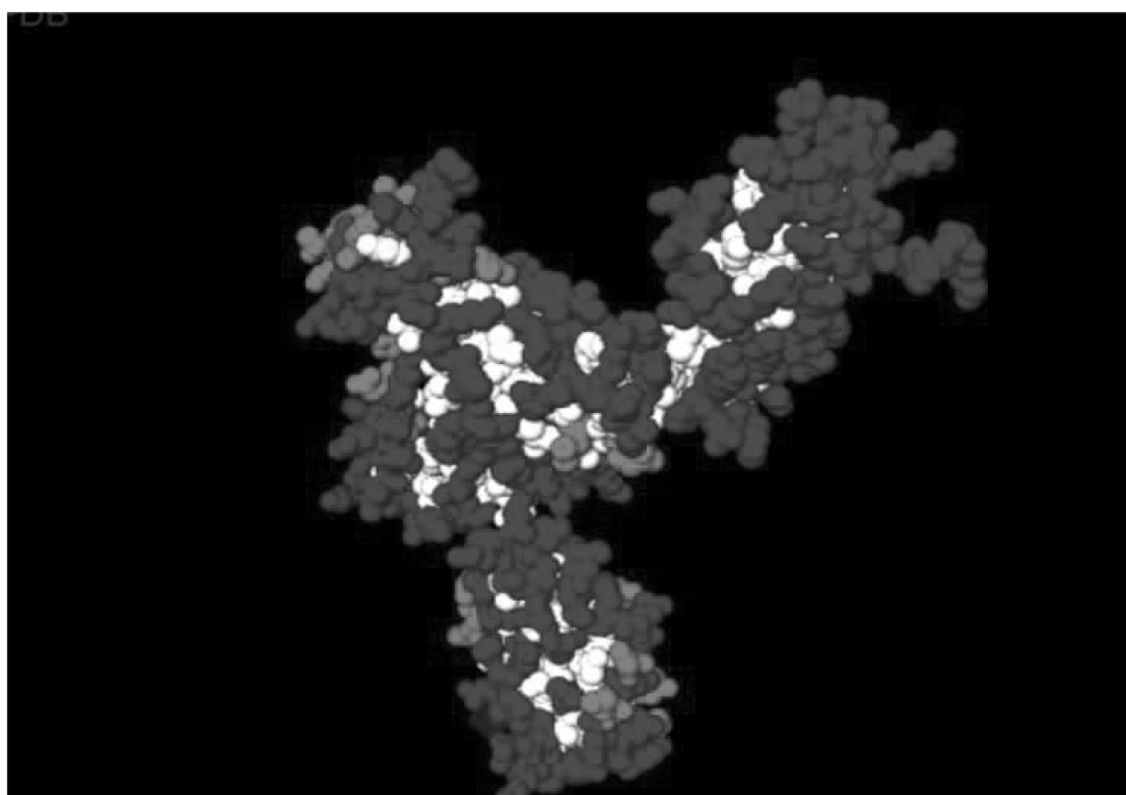


FIG. 6

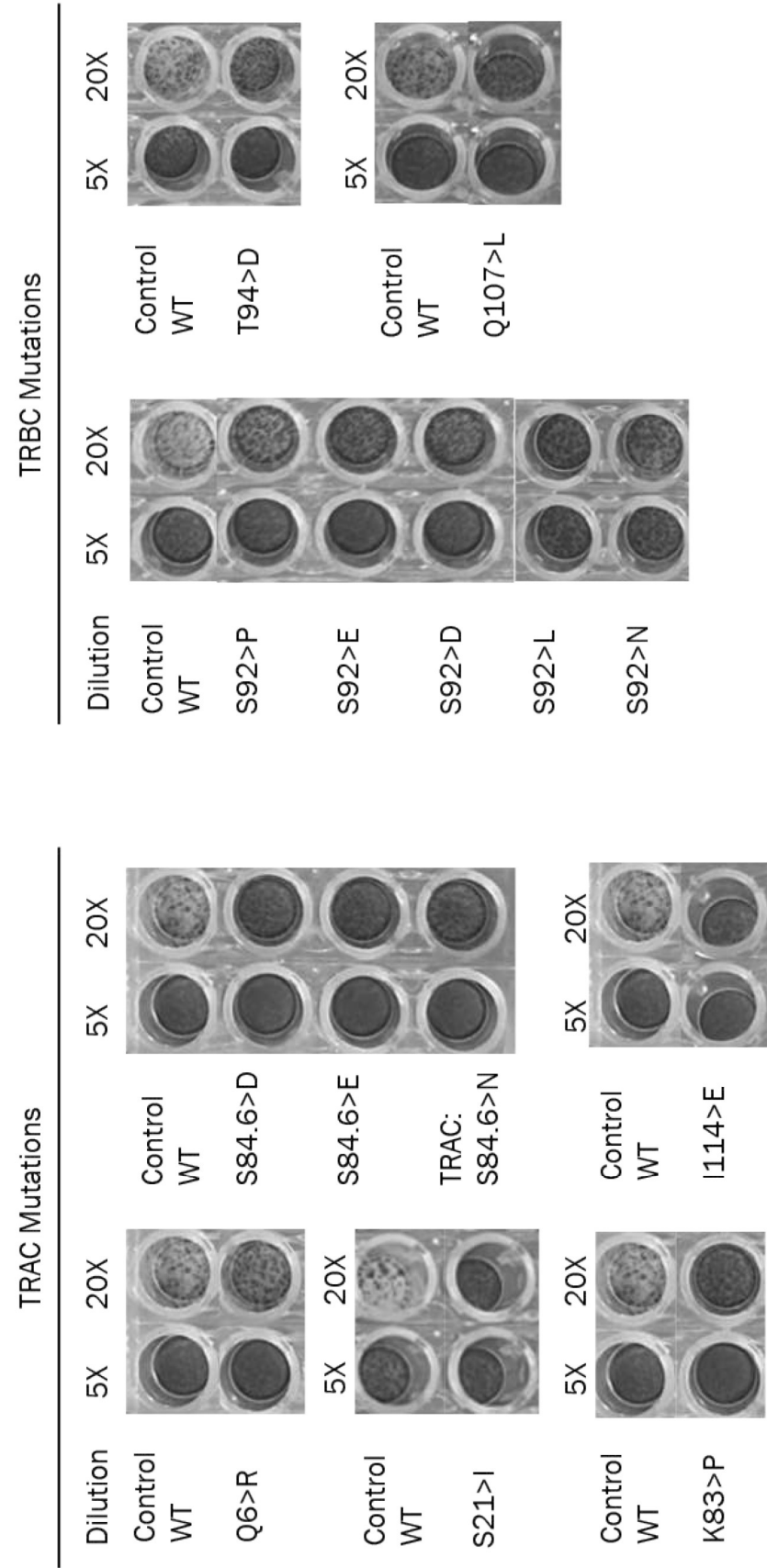


FIG. 7

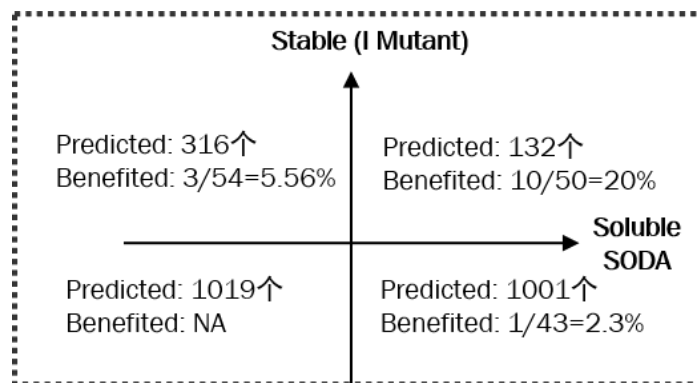


FIG. 8

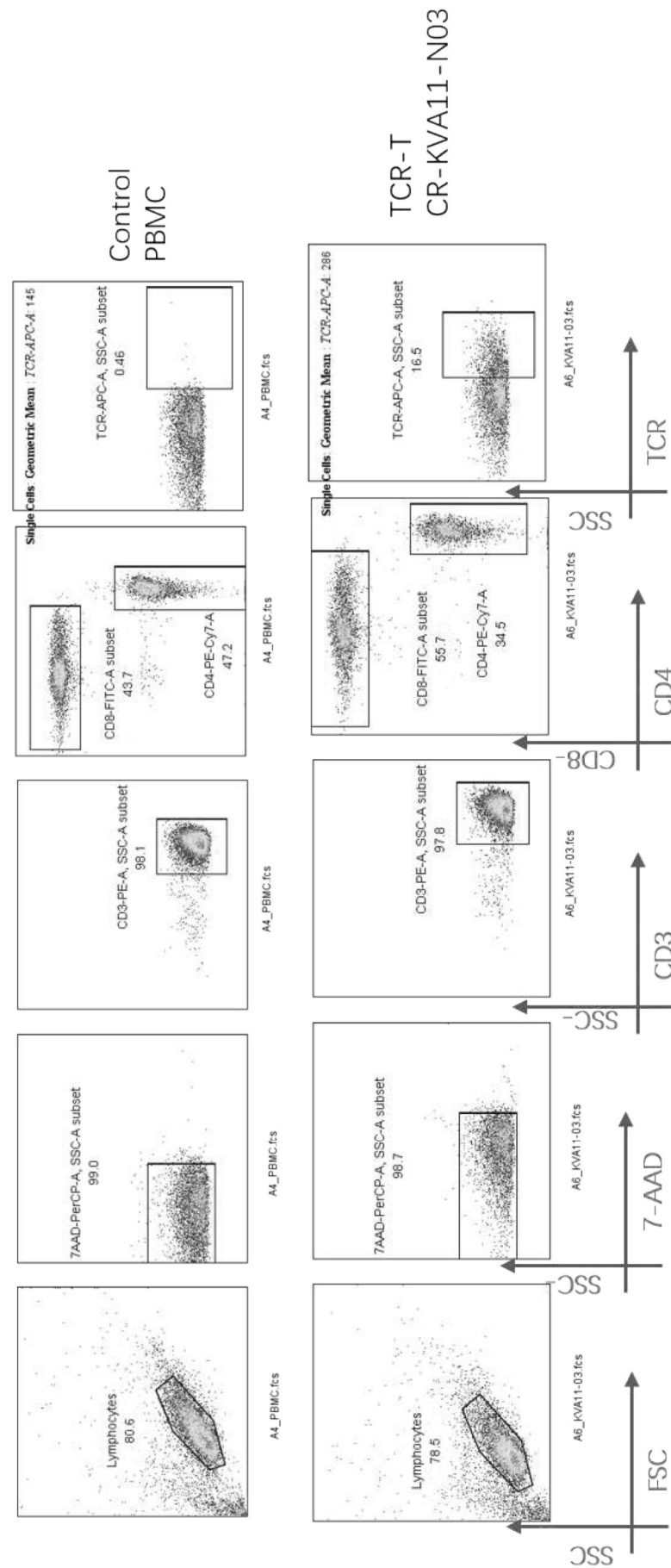
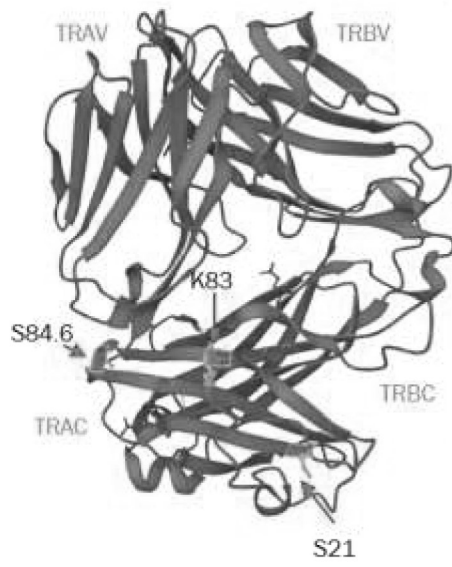


FIG. 9

TRAC multisite mutations



TRBC multisite mutations

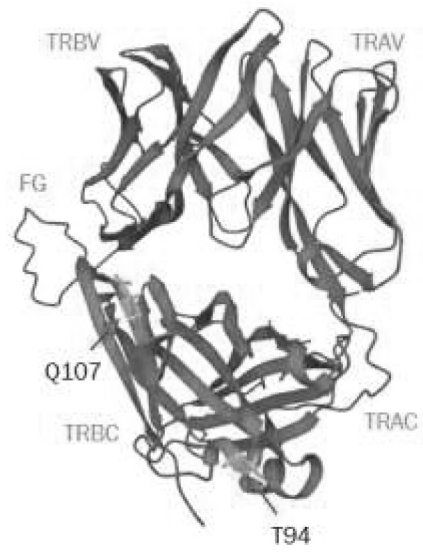


FIG. 10

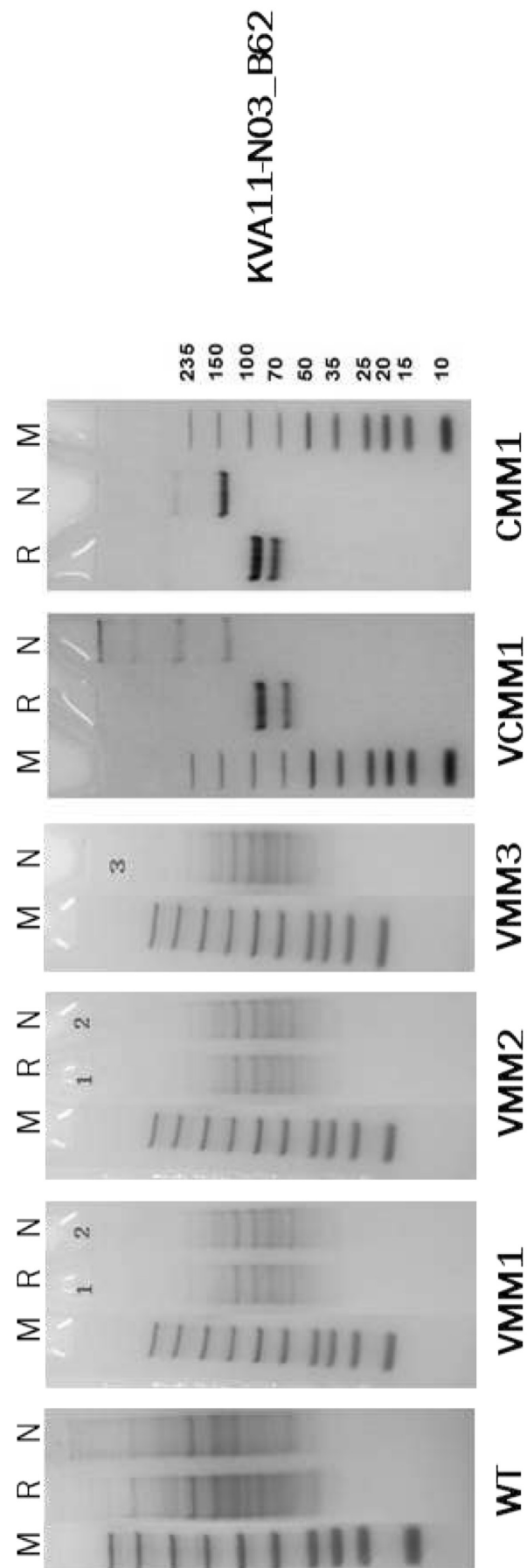


FIG. 11

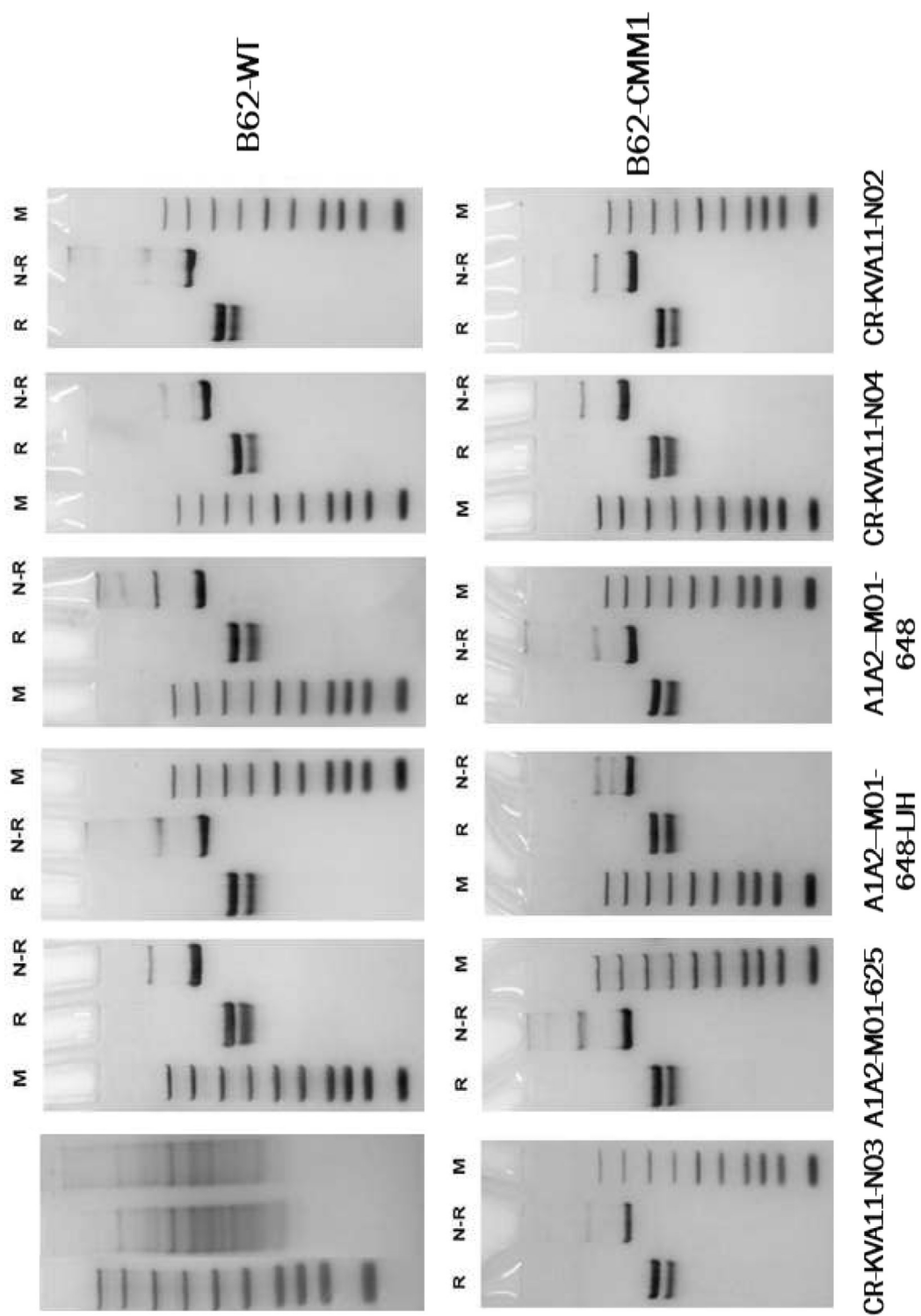


FIG. 12

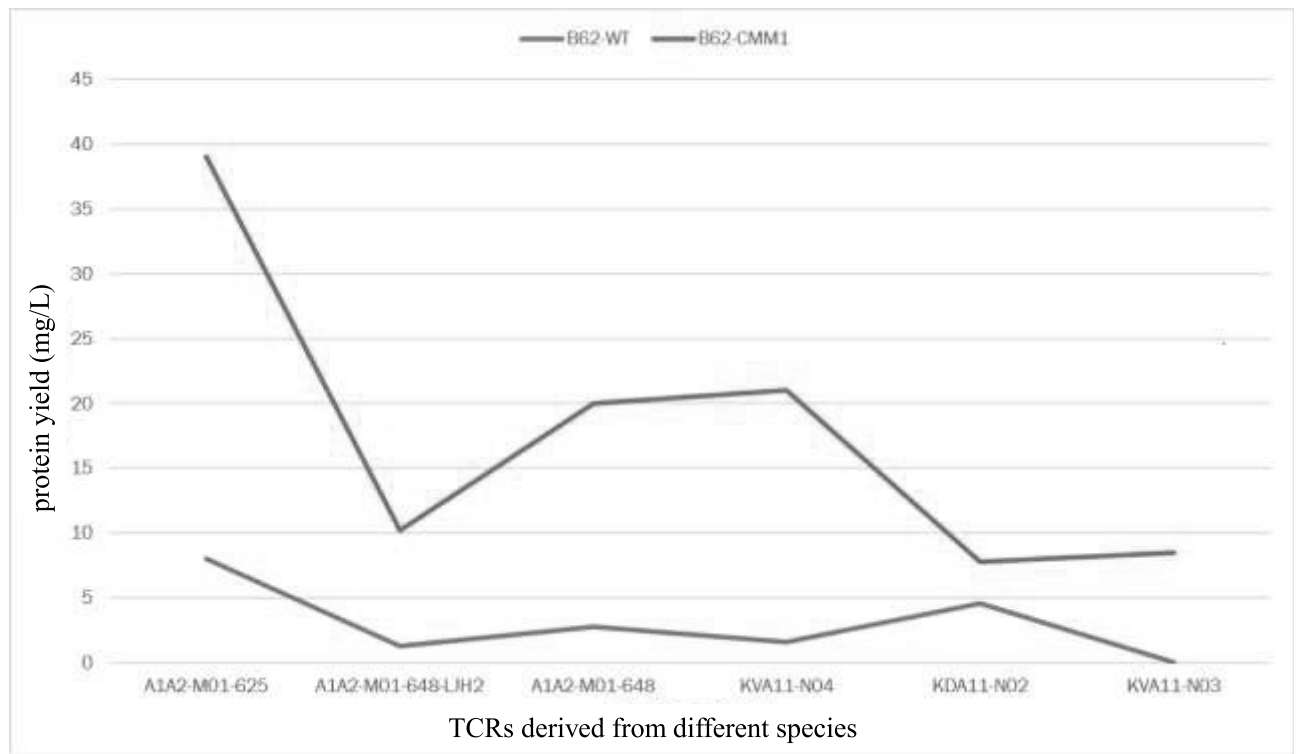


FIG. 12 (con.)

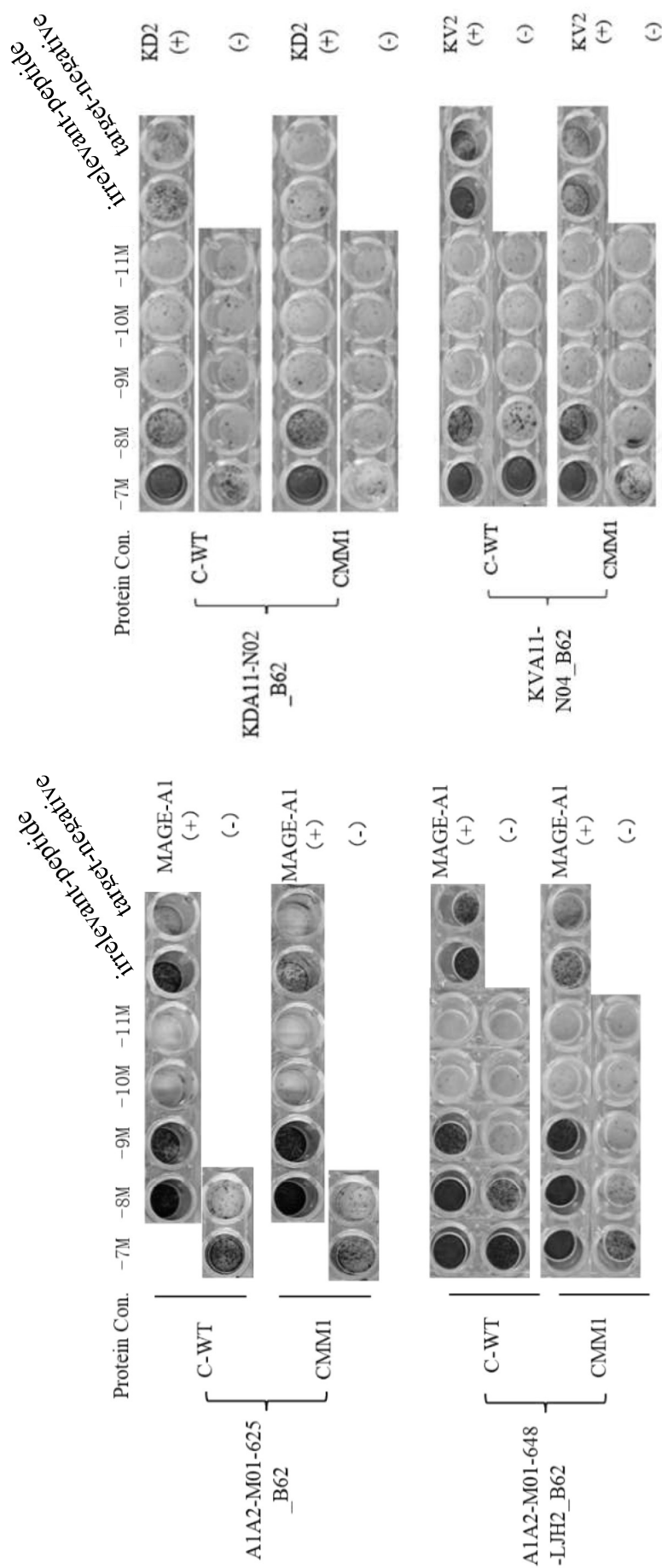


FIG. 13

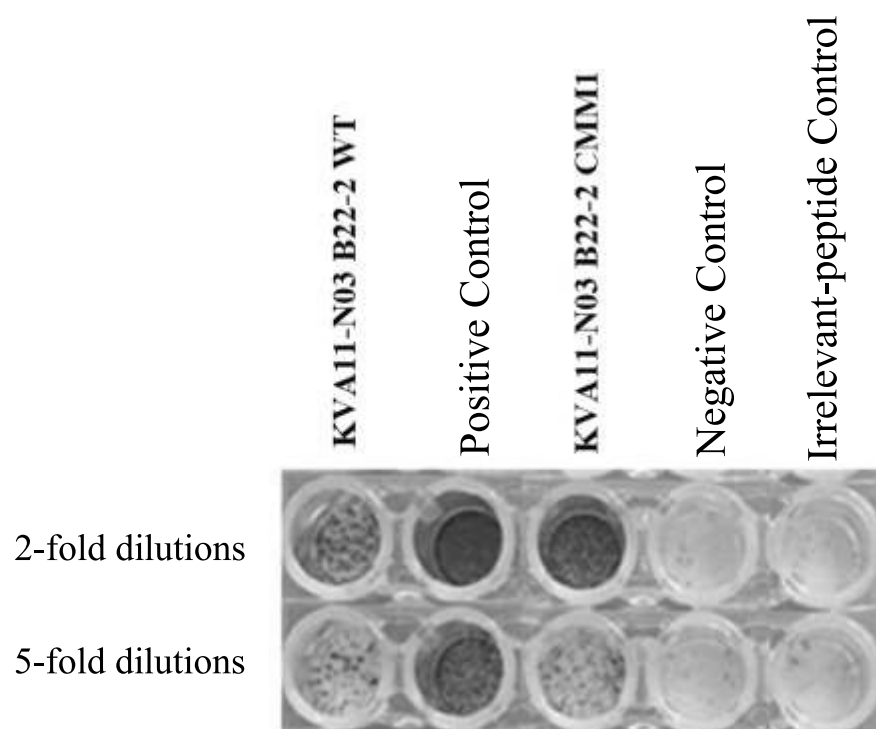


FIG. 14

CR-KVA11-N03_B62

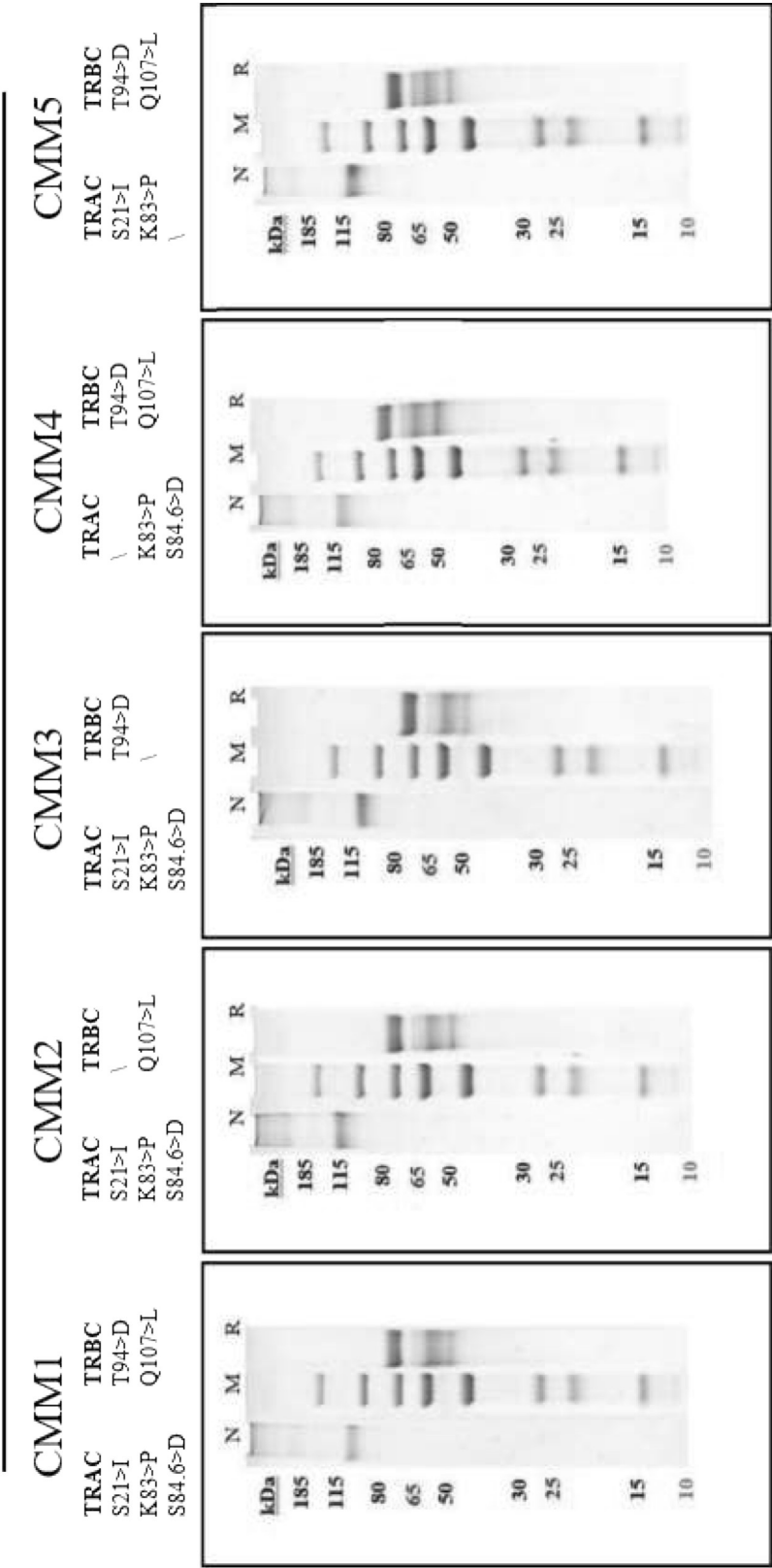


FIG. 15

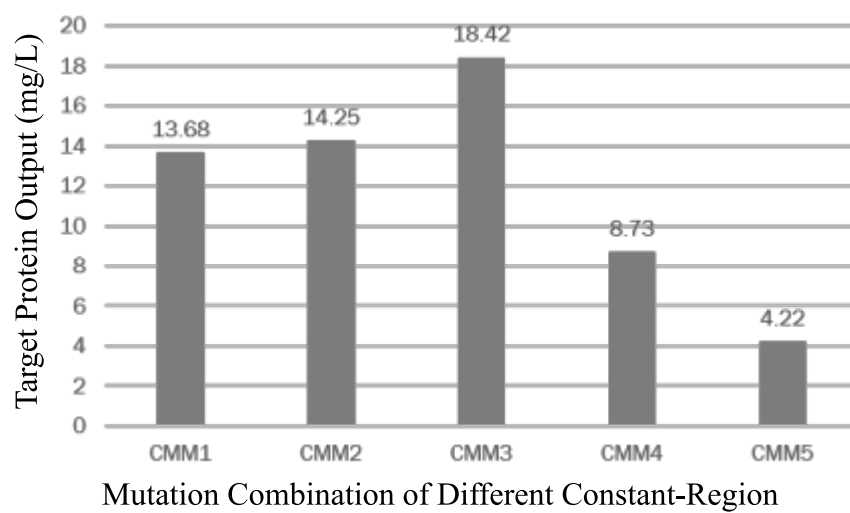


FIG. 15 (con.)