Sequence information

1. Antibody sequence information

Abbreviation	Specific protein name	Structure	SEQ ID NO	Chain	Mutation information	Variable region sequence
B3 (24)	hz5E12_sp34.24_497_triFab	FIG. 1A	1	sp34_K_CL(lambda)	Q38K	SEQ ID NO:74
			2	497_DCS_CL	Q38D Q124C C214S	SEQ ID NO:75
			3	497(SGL)_ KCS_sp34.24_D_hole_AA	Q39K F126C C220S (first Fab), Q39D (second Fab), L234A L235A, T366S L368A Y407V	SEQ ID NO: 76 (first variable region) SEQ ID NO: 77 (second variable region)
			4	hz5E12.1-L	N/A	SEQ ID NO:52
			5	hz5E12.1-H	L234A L235A, T366W	SEQ ID NO:48
B3 (87)	hz5E12_sp34.87_497_triFab	FIG. 1A	1	sp34_K_CL(lambda)	Q38K	SEQ ID NO:74
			2	497_DCS_CL	Q38D Q124C C214S	SEQ ID NO:75
			6	497(SGL)_ KCS_sp34.87_D_hole_AA	Q39K F126C C220S (first Fab), Q39D (second Fab), L234A L235A, T366S L368A Y407V	SEQ ID NO: 76 (first variable region) SEQ ID NO: 78 (second variable region)
			4	hz5E12.1-L	N/A	SEQ ID NO:52
			5	hz5E12.1-H	L234A L235A, T366W	SEQ ID NO:48
B5 (87)	hz5E12_sp34.87_497_triFab	FIG. 1B	1	sp34_K_CL(lambda)	Q38K	SEQ ID NO:74
			2	497_DCS_CL	Q38D Q124C C214S	SEQ ID NO:75
			7	KCS_sp34.87_D_hole_AA_497(SGL)	Q39D (first Fab), L234A L235A, T366S L368A Y407V, Q39K F126C C220S (second Fab)	SEQ ID NO: 78 (first variable region) SEQ ID NO: 76 (second variable region)
			4	hz5E12.1-L	N/A	SEQ ID NO:52
			5	hz5E12.1-H	L234A L235A, T366W	SEQ ID NO:48
B3b (87)	497(GLS)_sp34.87_5E12_triFab	FIG. 1A	1	sp34_K_CL(lambda)	Q38K	SEQ ID NO:74
			8	GPRC5D_LC_ Q38D_Q124C_C214S	Q38D Q124C C214S	SEQ ID NO:79
			9	GPRC5D_ KCS_sp34.87_D_hole_AA	Q39K F126C C220S (first Fab), Q39D (second Fab), L234A L235A, T366S L368A Y407V	SEQ ID NO: 80 (first variable region) SEQ ID NO: 78 (second variable region)
			10	497_L	NA	SEQ ID NO:60
			11	497(SGL)_H_knob_AA	L234A L235A, T366W	SEQ ID NO:56
B3-7F5.3 (87)	7F5.3_sp34.87_497_triFab	FIG. 1A	1	sp34_K_CL(lambda)	Q38K	SEQ ID NO:74
			2	497_DCS_CL	Q38D Q124C C214S	SEQ ID NO:75
			6	497(SGL)_ KCS_sp34.87_D_hole_AA	Q39K F126C C220S (first Fab), Q39D (second Fab), L234A L235A, T366S L368A Y407V	SEQ ID NO: 76 (first variable region) SEQ ID NO: 78 (second variable region)

			14	hz7F5K.g0	N/A	SEQ ID NO:44
			15	hz7F5H.g3-knob	L234A L235A, T366W	SEQ ID NO:40
Inno-G	hz5E12_sp34.24_ Hel_triFab	FIG. 1A	1	sp34_K_CL(lambda)	Q38K	SEQ ID NO:74
			18	Hel_DCS_CL	Q38D Q124C C214S	\
			20	Hel_KCS_sp34.24_D_hole_AA	Q39K F126C C220S (first Fab), Q39D (second Fab), L234A L235A, T366S L368A Y407V	\
			4	hz5E12.1-L	N/A	SEQ ID NO:52
			5	hz5E12.1-H	L234A L235A, T366W	SEQ ID NO:48
Inno-B	Hel_sp34.24_497_ triFab	FIG. 1A	1	sp34_K_CL(lambda)	Q38K	SEQ ID NO:74
			2	497_DCS_CL	Q38D Q124C C214S	SEQ ID NO:75
			3	497(SGL)_ KCS_sp34.24_D_hole_AA	Q39K F126C C220S (first Fab), Q39D (second Fab), L234A L235A, T366S L368A Y407V	SEQ ID NO: 76 (first variable region) SEQ ID NO: 77 (second variable region)
			16	Hel_CL	N/A	\
			17	Hel_LALA_knob	L234A L235A, T366W	\
B3-7F5.3 (24)	7F5.3_sp34.24_497_triFab	FIG. 1A	1	sp34_K_CL(lambda)	Q38K	SEQ ID NO:74
			2	497_DCS_CL	Q38D Q124C C214S	SEQ ID NO:75
			3	497(SGL)_ KCS_sp34.24_D_hole_AA	Q39K F126C C220S (first Fab), Q39D (second Fab), L234A L235A, T366S L368A Y407V	SEQ ID NO: 76 (first variable region) SEQ ID NO: 77 (second variable region)
			14	hz7F5K.g0	N/A	SEQ ID NO:44
			15	hz7F5H.g3-knob	L234A L235A, T366W	SEQ ID NO:40
Inno-G-7F5.3		FIG. 1A	1	sp34_K_CL(lambda)	Q38K	SEQ ID NO:74
			18	Hel_DCS_CL	Q38D Q124C C214S	\
			20	Hel_KCS_sp34.24_D_hole_AA	Q39K F126C C220S (first Fab), Q39D (second Fab), L234A L235A, T366S L368A Y407V	\
			14	hz7F5K.g0	N/A	SEQ ID NO:44
			15	hz7F5H.g3-knob	L234A L235A, T366W	SEQ ID NO:40
F2 (24)	F2-SP34.24-SC38497	FIG. 1C	4	hz5E12.1-H	L234A L235A, T366W	\
			5	hz5E12.1-L	N/A	\
			21	SP34.24-HC (hole) -sc38497	L234A L235A, T366S L368A Y407V, 100C 44C(scFv)	\
			22	SP34-CL	N/A	\

F2 (87)	F2-SP34.87-SC38497	FIG. 1C	4	hz5E12.1-H	L234A L235A, T366W	\
			5	hz5E12.1-L	N/A	\
			23	SP34.87-HC (hole) -sc38497	L234A L235A, T366S L368A Y407V, 100C 44C(scFv)	\
			22	SP34-CL	N/A	\
REGN-BCMA/CD3	REGN5458		24	bcma-VH	\	\
			25	Common L chain-VL	\	\
			26	CD3-1	\	\
	JNJ-GPRC5D/CD3		27	JJ-GPRC5D-HC	\	\
			28	JJ-GPRC5D-LC	\	\
			29	JJ-CD3e-HC	\	\
			30	JJ-CD3e-LC	\	\
	Roche-GPRC5D/CD3		31	5E11-GPRC5D-LC	\	\
			32	CD3-LC	\	\
			33	5E11-TCB-HC-hole	\	\
			34	5E11-TCB-HC-knob	\	\
	JNJ-BCMA/CD3		35	BCMA69-CH1-Fc(hIgG4_LALAF405L)	\	\
			36	BCMA69-CL(hLambda)	\	\
			29	CD3B219-CH1-Fc(hIgG4_LALAF405L)	\	\
			30	CD3B219(Teclistamab)-CL(hLambda)	\	\
	Roche-BCMA/CD3		32	CD3 VH-CL	\	\
			37	BCMA VH_CH1xCD3 VL_CH1 Fc knob LALA PG	\	\
			38	BCMA huIgG1 LC (BCMA LC)	\	\
			39	BCMA HC hole LALA PG (hole BCMA HC)	\	\

"\" represents that no relevant information is shown

"N/A" represents no mutation