

V Beta

	CDR 1																								CDR 2																																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56		
3.1.2	E	A	A	V	T	Q	S	P	R	N	K	V	T	V	T	G	N	V	T	L	S	C	R	Q	T	N	S	H	N	Y	M	Y	W	Y	R	Q	D	T	G	H	G	L	R	L	R	L	I	Y	Y	S	Y	G	A	G	N	L	Q

Clone 1
Clone 5

3.2
3.3
3.4
3.8
3.9
4.2
4.6 (M2)
4.8
4.9

E
E
S
G

V Beta Continued

	HV4																								CDR 3																																				
57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	316	
3.1.2	I	G	D	V	P	D	G	_	Y	K	A	T	R	T	T	Q	E	D	F	F	L	L	L	E	S	A	S	P	S	Q	T	S	L	Y	F	C	A	S	S	G	A	G	_	G	A	G	T	G	Q	L	Y	F	G	E	G	S	K	L	T	V	L

Clone 1
Clone 5

3.2
3.3
3.4
3.8
3.9
4.2
4.6 (M2)
4.8
4.9

A
A
N
A
V
A
A
A

V
V
V
V
V

S
S
S
S
S
S
S

M
H
D
H

V Alpha

	CDR 1																								CDR 2																														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	
3.1.2	Q	W	G	E	E	N	L	Q	A	L	S	I	Q	E	G	E	D	V	T	M	N	C	S	Y	K	T	Y	T	T	_	V	V	Q	W	Y	R	Q	K	S	G	K	G	P	A	Q	L	I	L	I	R	S	N	E	R	E

Clone 1
Clone 5

3.2
3.3
3.4
3.8
3.9
4.2
4.6 (M2)
4.8
4.9

A

E
E
E
E
E
E
E
E

S
S
S
S
S
S
S
S

E
E
E
E
E
E
E

H
H
P
E

V Alpha Continued

	HV4																								CDR 3												118																									
56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118
3.1.2	K	R	S	G	R	L	R	A	T	L	D	T	S	_	Q	T	S	S	L	S	I	T	G	T	L	A	T	D	T	A	V	Y	F	C	A	I	T	_	_	_	_	S	G	G	N	Y	K	P	T	F	G	K	G	T	S	L	V	V	H	P	Y	118

Clone 1
Clone 5

3.2
3.3
3.4
3.8
3.9
4.2
4.6 (M2)
4.8
4.9

T

I
V

H
H
H

R

R