

Table S6. V gene usage and deduced aminoacid sequences of CDR3 after three round of activation/selection on HeLa cells.

Clone No	VH Family	VH Gene	VH CDR3	VL Family	VL Gene	VL CDR3	N° repetitions
45	VH1	DP-10/hv1051...+, IGHV1-69*01	LYPPT	VL1	V1-16, IGLV1-44*01	AAWGDRL	3
96	VH7	VI-4.1b+, IGHV7-4-1*02	PDVDTGLGRE	VL1	V1-16, IGLV1-44*01	AAWDDSL	2
65	VH7	VI-4.1b+, IGHV7-4-1*02	PDVDTGLGRE	VL1	V1-17, IGLV1-47*02	AAWDDSLQTG	0
196	VH7	VI-4.1b+, IGHV7-4-1*02	TFSRTHQV	VL1	IGLV1-47*01	AVGPGIRR	0
88	VH7	VI-4.1b+, IGHV7-4-1*02	ALHRGEN	VL8	V3-4, IGLV8-61*01	VLYMGSS	5
3	VH1	DP-14/V1-18+, VH1-18, IGHV1-18*01	RVKHT	VL2	A17, IGKV2-30*01	MQGTHWRVF	2
170	VH1	DP-14/V1-18+, VH1-18, IGHV1-18*01	TDWSL	VL1	L15, IGKV1D-16*01	QQYNSYPT	4
26	VH1	DP-1/HC15-1	TSATR	VL2	A2, IGKV2D-29*01	MQSIQLP	5
47	VH1	DP-5/V1-24P+, VH1-24, IGHV1-24*01	SMSADGK	VL9	IGLV9-49*01	GADHGSGSNFC	0
5	VH1	DP-2/V71-5+, IGHV1-58*01	TGYKFAGKY	VL2	V1-4, IGLV2-14*01	SSYTSSS	26
219	VH1	DP-10/hv1051...+, IGHV1-69*01	FSTGTFFN	VL1	L24, IGKV1D-8*01	QQYYSFLSST	5
188	VH1	DP-10/hv1051...+, IGHV1-69*01	SRPPA	VL1	L8, IGKV1-9*01	QQLNSYHVAT	0
177	VH1	DP-10/hv1051...+, IGHV1-69*01	FSTGTFFN	VL2	V1-9, IGLV2-33*01	SLYSSSY	0
38	VH6	IGHV6	SRPPA	VL1	L8, IGKV1-9*01	QQLNSYHVA	0
163	VH1	DP-75/VI-2...+, VH1-2, IGHV1-2*02	VTGDASF	VL1	IGLV1-47*01	AAWDDSL	2
128	VH3	DP-58/hv3d1EG, IGHV3-48*03	DSNVTPA	VL1	IGKV1	LQHDSYLCT	0