

Cross-link no.	Peptide1	Peptide2	Protein1	Protein2	Cross-link distance (Å)	Spectrum no. in Fig. S4
1	<b>K</b> ALELAIDQASQDYNR	DNSKNTLYLQMNSLR	M1-B2 repeat	AB25-heavy	21.7	A
2	<b>K</b> ALELAIDQASQDYNR	SYPHKR	M1-B2 repeat	AB25-heavy	35.4	B
3	ANVLEKELETITR	DNSKNTLYLQMNSLR	M1-B3-S domain	AB25-heavy	12.7	C
4	QVEKDLANLTAELDK	EAKVQWK	M1-C1-C2 repeats	AB25-light	22.5	D
5	NKYYADSVK	DNSKNTLYLQMNSLR	AB25-heavy	AB25-heavy	39.3	E
6	GPSVFPLAPSSKSTSGGTAALGCLVK	VEPKSCDK	AB25-heavy	AB25-heavy	11.3	F
7	GPSVFPLAPSSKSTSGGTAALGCLVK	<b>H</b> KVYACEVTHQGLSSPVTK	AB25-heavy	AB25-light	24.9	G
8	GPSVFPLAPSSKSTSGGTAALGCLVK	VYACEVTHQGLSSPVTKSFNR	AB25-heavy	AB25-light	11.1	H
9	GPSVFPLAPSSKSTSGGTAALGCLVK	VDNALQSGNSQESVTEQDSKSTYLSSTLTLSK	AB25-heavy	AB25-light	18.0	I
10	DNSKNTLYLQMNSLR	EAKVQWK	AB25-heavy	AB25-light	54.6	J
11	ANVLEKELETITR	DNSKNTLYLQMNSLR	M1-B3-S domain	AB49-heavy	30.5	K

**Table EV 1. Identified cross-linked peptides between M1, Ab25 and Ab49.** The cross-link number is indicated. For peptides 1 and 2, the cross-linked lysine residues are indicated in bold. Protein 1 and 2 indicate the parent proteins of the respective peptides. The cross-linked lysine residue distance is for each cross-link is given, and a reference to a corresponding spectrum in Figure EV 7.