

Movie S1. CD6 and CD3 co-localization at the immunological synapse.

A-C Representative 3D projection of confocal microscopy z-stacks upon conjugate formation between sAg-loaded Raji without (A) or with CD166 (B and C) and E6.1 Jurkat cells expressing CD6WT (A and B) and CD6 Δ d3 (C). CD3 is shown in green and CD6 is displayed in red. Merge images allow to visualize CD3 and CD6 co-localization. 3D projection were done using ImageJ software and 3D Viewer plugin. Magnification: 63 x.

Table S1. Primers for CD6 constructs. Underlined sequences correspond to restriction sites used for cloning.

Construct	Primers (5'-3')	
	Forward	Reverse
WT	ATAGGATCCATGTGGCTCTTCTTCGGGATC	ATAGCGGCCCGCCTAGGCTGCGCTGATGTC
Δcyt	ATAGGATCCATGTGGCTCTTCTTCGGGATC	ATAGCGGCCCGCCTATCCTTTAATTCTCAAGAG
Δd3	ATAGGATCCATGTGGCTCTTCTTCGGGATC	CTGAGCACACCGCGCCCG
	ACGCGGGCGCGGTGTGCTCAGCTTCCCGAGTTTGACA	ATAGCGGCCCGCCTAGGCTGCGCTGATGTC
Δd3Δcyt	ATAGGATCCATGTGGCTCTTCTTCGGGATC	CTGAGCACACCGCGCCCG
	ACGCGGGCGCGGTGTGCTCAGCTTCCCGAGTTTGACA	ATAGCGGCCCGCCTATCCTTTAATTCTCAAGAG
Y430F	ATAGGATCCATGTGGCTCTTCTTCGGGATC	TACGGGGAGGGCAAATTTTCCTTTAAT
	ATTAAAGGAAAATTTGCCCTCCCCGTA	ATAGCGGCCCGCCTAGGCTGCGCTGATGTC
Y452F	ATAGGATCCATGTGGCTCTTCTTCGGGATC	GGGGACCGGTTGAAAGCTATTGCTCCC
	GGGAGCAATAGCTTTCAACCGGTCCCC	ATAGCGGCCCGCCTAGGCTGCGCTGATGTC
Y486F	ATAGGATCCATGTGGCTCTTCTTCGGGATC	GTCATAGTGCTCAAAGTCTGAGTCCGA
	TCGGA CT CAGACTTTGAGCACTATGAC	ATAGCGGCCCGCCTAGGCTGCGCTGATGTC
Y489F	ATAGGATCCATGTGGCTCTTCTTCGGGATC	GGCGCTGAAGTCAAAGTGCTCATAGT
	ACTATGAGCACTTTGACTTCAGCGCC	ATAGCGGCCCGCCTAGGCTGCGCTGATGTC
Y503F	ATAGGATCCATGTGGCTCTTCTTCGGGATC	CCGCTGGGAATTGAAGAAGTGGTACG
	CTGACCACCTTCTTCAATCCCAGCGG	ATAGCGGCCCGCCTAGGCTGCGCTGATGTC
Y556F	ATAGGATCCATGTGGCTCTTCTTCGGGATC	GTCCTCGGGTGAAACTGAGGGCCCAAG
	CTGGGCCCTCAGTTTCAACCGAGGAGC	ATAGCGGCCCGCCTAGGCTGCGCTGATGTC
Y572F	ATAGGATCCATGTGGCTCTTCTTCGGGATC	GGGACTATTGAGAAATCCTCCCCTGA
	TCAGGGGAGGATTTCTGCAATAGTCCC	ATAGCGGCCCGCCTAGGCTGCGCTGATGTC
Y629F	ATAGGATCCATGTGGCTCTTCTTCGGGATC	CTGGAAGTTCTGGAACCACTCCCCGGA
	CTGGAAGTTCTGGAACCACTCCCCGGA	ATAGCGGCCCGCCTAGGCTGCGCTGATGTC
Y662F	ATAGGATCCATGTGGCTCTTCTTCGGGATC	ATAGCGGCCCGCCTAGGCTGCGCTGATGTCATCGAAGTCATCGTTGTC
ADADY486	ATAGGATCCATGTGGCTCTTCTTCGGGATC	GTC TGCGTCCGCGCCAGAGTCTGAGTCCTCAGG
	CCTGAGGACTCAGACTCTGGCGCGGACGCAGAC	ATAGCGGCCCGCCTAGGCTGCGCTGATGTC
ADADF486	ATAGGATCCATGTGGCTCTTCTTCGGGATC	GGCGCTGAAGTCATAGTGCTCAAAGTCTGCGTCCGCGCCAGAGTCTGAGTCCTCAGG
	CCTGAGGACTCAGACTCTGGCGCGGACGCAGACTTTGAGCACTATGACTTCAGCGCC	ATAGCGGCCCGCCTAGGCTGCGCTGATGTC