

Supplementary Table 1: Tandem mass spectrometry output showing equine erythrocyte proteins that interact with *T. equi* CLAMP.

Crosslinker	Uniprot Accession Number	Protein ID	Number of Unique Peptides	Molecular Weight [kDa]	Score Sequest HT: Sequest HT	Sum PEP score
DTSSP	F6ZK25	Spectrin alpha, erythrocytic 1	65	280.9	360.07	140.158
	F6SIV4	Spectrin beta chain	60	268.2	339.65	135.193
DSP	F6ZK25	Spectrin alpha, erythrocytic 1	92	280.9	607.87	265.365
	F6SIV4	Spectrin beta chain	78	268.2	633.25	210.043
	Q2Z1P9	Anion exchange protein	17	104.2	177.92	41.91
	A0A3Q2H952	Band 4.1	15	110.4	142.76	43.26
	F6T3Y8	Actin, cytoplasmic 1	12	41.9	45.78	21.363
	A0A5F5PGV6	Tropomyosin 3	10	28.9	54.08	23.648