			Long					Short		
	Spec	Sen	FPR	Q	MCC	Spec	Sen	FPR	Q	MCC
		AntiBP2								
Non-secreted control	64.1	91.8	0.51			66.0	88.6	0.47		
Bioactive	85.2	48.5	0.08			82.2	53.6	0.11		
All				70.0	0.44				71.1	0.45
	CAMP									
Non-secreted control	64.0	68.7	0.39			61.7	77.8	0.49		
Bioactive	65.7	60.8	0.31			69.4	51.2	0.22		
All				64.8	0.30				64.4	0.30
		PeptideRanker								
Non-secreted control	85.9	89.0	0.15			73.2	84.2	0.31		
Bioactive	88.6	85.4	0.11			81.4	69.2	0.16		
All				87.2	0.74				76.7	0.54

Table S1. Independent test set with control peptide set selected from non-secreted proteins

Comparison of PeptideRanker (measured at a threshold of 0.5), CAMP and AntiBP2 tested on the independent test set. AntiBP2 did not return predictions for 234 (out of a total of 946) of the long and 392 (out of a total of 532) of the short peptides. CAMP did not return predictions for 6 of the long and 5 of the short peptides.