## CaMPDB: a resource for calpain and modulatory proteolysis

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While the importance of modulatory proteolysis has been pronounced more, knowledge on this process are not necessarily well-organized, which makes molecular entities composing modulatory proteolysis still uncertain. We build CaMPDB, a resource on modulatory proteolysis, focusing on calpain, a well-studied intracellular protease, which regulates substrate functions by proteolytic processing. CaMPDB contains sequences of calpains, substrates and inhibitors as well as substrate cleavage sites, collected from the literature. Some cleavage efficiencies were evaluated by biochemical experiments, and a cleavage site prediction tool is provided to assist biologists in understanding calpain-mediated cellular processes. CaMPDB is freely accessible at http://calpain.org