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Title (English) Functional studies of VCP		
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Abstract <p>A kinetic assay was developed and used to characterize the ATPase activity of VCP and to find and measure the effect of interacting biological components. One such component, p47, was analyzed with circular dichroism in order to retrieve structural information. Together with kinetic results, measurements with isothermal titration calorimetry and light scattering gave interesting information of the role of different domains of VCP. The structure of AAA ATPases in general and of VCP is reviewed, and an interesting structural motif was submitted to a database in search for structural homologs.</p>		
Keywords <p>VCP, AAA ATPase, p47, kinetics, mutants</p>		
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