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### The myotubularin family of lipid phosphatases in disease and in spermatogenesis

Published on the Internet 22 December 2010,  
doi:10.1042/BJ20101267

### TB domain proteins: evolutionary insights into the multifaceted roles of fibrillins and LTBP

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doi:10.1042/BJ20101320

## Online Commentary

### For a PDK1 inhibitor, the substrate matters

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### Molecular mechanisms of substrate recognition and specificity of botulinum neurotoxin serotype F

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doi:10.1042/BJ20101310

The human polycystin-2 protein represents an integral membrane protein with six membrane-spanning domains and intracellular N- and C-termini

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Crystal structure of the catalytic core of *Saccharomyces cerevisiae* histone demethylase Rph1: insights into the substrate specificity and catalytic mechanism

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The crystal structure of human GLRX5: iron–sulfur cluster co-ordination, tetrameric assembly and monomer activity

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Protein 4.2 interaction with hereditary spherocytosis mutants of the cytoplasmic domain of human anion exchanger 1

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Surprising toxicity and assembly behaviour of amyloid  $\beta$ -protein oxidized to sulfone

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