

**Online Commentaries**

LKB1: cancer, polarity, metabolism, and now fertility  
*Published on the Internet 28 October 2008, doi:10.1042/BJ20082023*  
*(see accompanying paper, pp. 1–14)*

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PPR (pentatricopeptide repeat) proteins in mammals: important aids to mitochondrial gene expression

*Published on the Internet 28 October 2008, doi:10.1042/BJ20081942*  
*(see accompanying paper, pp. 15–26)*

R.N. Lightowlers and Z.M.A. Chrzanowska-Lightowlers

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**Research Papers**

A novel short splice variant of the tumour suppressor LKB1 is required for spermiogenesis  
*Published as BJ Immediate Publication 5 September 2008, doi:10.1042/BJ20081447*

M.C. Towler, S. Fogarty, S.A. Hawley, D.A. Pan, D.M.A. Martin, N.A. Morrice, A. McCarthy, M.N. Galardo, S.B. Meroni, S.B. Cigorraga, A. Ashworth, K. Sakamoto and D.G. Hardie



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Disruption of a mitochondrial RNA-binding protein gene results in decreased cytochrome *b* expression and a marked reduction in ubiquinol–cytochrome *c* reductase activity in mouse heart mitochondria  
*Published as BJ Immediate Publication 27 August 2008, doi:10.1042/BJ20080847*

F. Xu, C. Ackerley, M.C. Maj, J.B.L. Addis, V. Levandovskiy, J. Lee, N. MacKay, J.M. Cameron and B.H. Robinson



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Crystal structures of the starch-binding domain from *Rhizopus oryzae* glucoamylase reveal a polysaccharide-binding path  
*Published as BJ Immediate Publication 26 June 2008, doi:10.1042/BJ20080580*

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*Published as BJ Immediate Publication 4 July 2008, doi:10.1042/BJ20080471*

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*Published as BJ Immediate Publication 8 July 2008, doi:10.1042/BJ20080724*

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*Published as BJ Immediate Publication 14 July 2008, doi:10.1042/BJ20071259*

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An exceptional salt-tolerant antimicrobial peptide derived from a novel gene family of haemocytes of the marine invertebrate *Ciona intestinalis*  
*Published as BJ Immediate Publication 4 July 2008, doi:10.1042/BJ20080398*

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*Published as BJ Immediate Publication 17 July 2008, doi:10.1042/BJ20081059*

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