

- Andrade, M.A., Perez-Iratxeta, C. and Ponting, C.P. 2001. Protein repeats: Structures, functions, and evolution. *J Struct Biol* 134: 117-131.
- Bjorklund, A.K., Ekman, D. and Elofsson, A. 2006. Expansion of protein domain repeats. *PLoS Comput Biol* 2: e114.
- Cruz, F., Roux, J. and Robinson-Rechavi, M. 2009. The expansion of amino-acid repeats is not associated to adaptive evolution in mammalian genes. *BMC Genomics* 10: 619.
- Faux, N.G., Bottomley, S.P., Lesk, A.M., Irving, J.A., Morrison, J.R. *et al.* 2005. Functional insights from the distribution and role of homopeptide repeat-containing proteins. *Genome Res* 15: 537-551.
- Faux, N.G., Huttley, G.A., Mahmood, K., Webb, G.I., De La Banda, M.G. *et al.* 2007. Rcpdb: An evolutionary classification and codon usage database for repeat-containing proteins. *Genome Res* 17: 1118-1127.
- Haerty, W., and Golding, G.B. 2010a. Genome-wide evidence for selection acting on single amino acid repeats. *Genome Res* 20: 755-760.
- Haerty, W., and Golding, G.B. 2010b. Low-complexity sequences and single amino acid repeats: Not just "Junk" Peptide sequences. *Genome* 53: 753-762.
- Huntley, M.A., and Clark, A.G. 2007. Evolutionary analysis of amino acid repeats across the genomes of 12 drosophila species. *Mol Biol Evol* 24: 2598-2609.
- Huntley, M.A., and Golding, G.B. 2006. Selection and slippage creating serine homopolymers. *Mol Biol Evol* 23: 2017-2025.
- Jorda, J., and Kajava, A.V. 2010. Protein homorepeats sequences, structures, evolution, and functions. *Adv Protein Chem Struct Biol* 79: 59-88.
- Jorda, J., Xue, B., Uversky, V.N. and Kajava, A.V. 2010. Protein tandem repeats - the more perfect, the less structured. *FEBS J* 277: 2673-2682.
- Kajava, A.V. 2001. Review: Proteins with repeated sequence-structural prediction and modeling. *J Struct Biol* 134: 132-144.
- Kajava, A.V., Anisimova, M. and Peeters, N. 2008. Origin and evolution of GALA-LRR, a new member of the CC-LRR subfamily: From plants to bacteria? *PLoS ONE* 3: e1694.
- Kajava, A.V., Squire, J.M. and Parry, D.A. 2006. Beta-structures in fibrous proteins. *Adv Protein Chem* 73: 1-15.
- Kajava, A.V., and Steven, A.C. 2006. Beta-rolls, beta-helices, and other beta-solenoid proteins. *Adv Protein Chem* 73: 55-96.
- Marcotte, E.M., Pellegrini, M., Yeates, T.O. and Eisenberg, D. 1999. A census of protein repeats. *J Mol Biol* 293: 151-160.
- Mularoni, L., Ledda, A., Toll-Riera, M. and Alba, M.M. 2010. Natural selection drives the accumulation of amino acid tandem repeats in human proteins. *Genome Res* 20: 745-754.
- Pellegrini, M., Marcotte, E.M. and Yeates, T.O. 1999. A fast algorithm for genome-wide analysis of proteins with repeated sequences. *Proteins* 35: 440-446.
- Simon, M., and Hancock, J.M. 2009. Tandem and cryptic amino acid repeats accumulate in disordered regions of proteins. *Genome Biol* 10: R59.
- Street, T.O., Rose, G.D. and Barrick, D. 2006. The role of introns in repeat protein gene formation. *J Mol Biol* 360: 258-266.