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Nuclear microRNA processing

A selection of evaluations from Faculty of 1000 covering nuclear microRNA processing; transposon mutagenesis in *Helicobacter*; *Saccharomyces* gene expression regulation; molecular convergent evolution; linkage disequilibrium in dogs.

Recognition and cleavage of primary microRNA precursors by the nuclear processing enzyme Drosha. Zeng Y, Yi R, Cullen BR. *EMBO J* 2004, November 25.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-2-308.asp#Zeng>

Transposon mutagenesis in *Helicobacter*

Global transposon mutagenesis and essential gene analysis of *Helicobacter pylori*. Salama NR, Shepherd B, Falkow S. *J Bacteriol* 2004, **186**:7926-7935.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-2-308.asp#Salama>

Saccharomyces gene expression regulation

Post-transcriptional expression regulation in the yeast *Saccharomyces cerevisiae* on a genomic scale. Beyer A, Hollunder J, Nasheuer HP, Wilhelm T. *Mol Cell Proteomics* 2004, **3**:1083-1092.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-2-308.asp#Beyer>

Molecular convergent evolution

Convergent evolution of chromosomal sex-determining regions in the animal and fungal kingdoms. Fraser JA, Diezmann S, Subaran RL, Allen A, Lengeler KB, Dietrich FS, Heitman J. *PLoS Biol* 2004, **2**:e384.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-2-308.asp#Fraser>

Linkage disequilibrium in dogs

Extensive and breed-specific linkage disequilibrium in *Canis familiaris*. Sutter NB, Eberle MA, Parker HG, Pullar BJ, Kirkness EF, Kruglyak L, Ostrander EA. *Genome Res* 2004, **14**:2388-2396.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2005-6-2-308.asp#Sutter>