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Summary

Ectopic gene conversions; heterozygous insertions in *C. elegans*; plant RNA silencing suppression; phage insertion into the host genome; screening viral protein variants

Ectopic gene conversions

Ectopic gene conversions increase the G + C content of duplicated yeast and *Arabidopsis* genes. Benovoy D, Morris RT, Morin A, Drouin G. *Mol Biol Evol* 2005, **22:**1865-1868.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2005-6-10-352.asp#Benovoy

Heterozygous insertions in *C. elegans*

Heterozygous insertions alter crossover distribution but allow crossover interference in *C. elegans* . Hammarlund M, Davis MW, Nguyen H, Dayton D, Jorgensen EM. *Genetics* 2005, August 22.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2005-6-10-352.asp#Hammarlund

Plant RNA silencing suppression

A plant RNA virus suppresses RNA silencing through viral RNA replication. Takeda A, Tsukuda M, Mizumoto H, Okamoto K, Kaido M, Mise K, Okuno T. *EMBO J* 2005, **24:**3147-3157.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2005-6-10-352.asp#Takeda

Phage insertion into the host genome

The single-stranded genome of phage CTX is the form used for integration into the genome of *Vibrio cholerae* . Val ME, Bouvier M, Campos J, Sherratt D, Cornet F, Mazel D, Barre FX. *Mol Cell* 2005, **19:**559-566.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2005-6-10-352.asp#Val

Screening viral protein variants

Library versus library recognition and inhibition of the HIV-1 Nef allelome. Olszewski A, Weiss GA. *J Am Chem Soc* 2005, **127:**12178-12179.

For the Faculty of 1000 evaluation of this article please see: http://genomebiology.com/reports/F1000/gb-2005-6-10-352.asp#Olszewski