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Articles selected by Faculty of 1000: CNS gene-expression atlas; finding Cdk1 targets; metabolic labeling *C. elegans* and *Drosophila*; allele-specific silencing by RNAi; identifying long-range enhancers

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Summary

A selection of evaluations from Faculty of 1000 covering a gene expression atlas of the central nervous system, the identification of Cdk1 targets, metabolic labeling *C. elegans* and *Drosophila*, allele-specific silencing by RNAi and identifying human long-range enhancers.

CNS gene-expression atlas

A gene expression atlas of the central nervous system based on bacterial artificial chromosomes. Gong S, Zheng C, Doughty ML, Losos K, Didkovsky N, Schambra UB, Nowak NJ, Joyner A, Leblanc G, Hatten ME, Heintz N. *Nature* 2003, **425**:917-925.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-12-354.asp#Gong>

Finding Cdk1 targets

Targets of the cyclin-dependent kinase Cdk1. Ubersax JA, Woodbury EL, Quang PN, Paraz M, Blethrow JD, Shah K, Shokat KM, Morgan DO. *Nature* 2003, **425**:859-864.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-12-354.asp#Ubersax>

Metabolic labeling *C. elegans* and *Drosophila*

Metabolic labeling of *C. elegans* and *D. melanogaster* for quantitative proteomics. Krijgsveld J, Ketting RF, Mahmoudi T, Johansen J, Artal-Sanz M, Verrijzer CP, Plasterk RH, Heck AJ. *Nat Biotechnol* 2003, **21**:927-931.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-12-354.asp#Krijgsveld>

Allele-specific silencing by RNAi

Allele-specific silencing of a pathogenic mutant acetylcholine receptor subunit by RNA interference. Abdelgany A, Wood M, Beeson D. *Hum Mol Genet* 2003, **12**:2637-2644.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-12-354.asp#Abdelgany>

Identifying long-range enhancers

Scanning human gene deserts for long-range enhancers. Nobrega MA, Ovcharenko I, Afzal V, Rubin EM. *Science* 2003, **302**:413.

For the Faculty of 1000 evaluation of this article please see: <http://genomebiology.com/reports/F1000/gb-2003-4-12-354.asp#Nobrega>