

(Blaha; Bokov; Bowler; Jones; Kolaczyk; Pang JF; Sakakibara; Schmidt; Stratton; Watts; Wilson; Dermitzakis 2009; Erez Lieberman-Aiden 2009; Hines 2009; Inomata 2009; Irish 2009; King 2009; Lake 2009; Palmenberg 2009; Peterson 2009; Reich 2009; Waltz 2009; Watts 2009; Zhang Y 2009)

Blaha, G., Stanley, Robin E., Steitz, Thomas A. "Formation of the First Peptide Bond: The Structure of EF-P Bound to the 70S Ribosome." Science **325** (5943): 966-970.

Bokov, K. a. S., Sergey V. "A hierarchical model for evolution of 23S ribosomal RNA." Nature **457**: 977- 980.

Bowler, C., Karl, David M. & Colwell, Rita "Microbial Oceanography in a Sea of Opportunity." Nature **459**: 180-184.

Dermitzakis, E. T., Clark, Andrew G. (2009). "Life After GWA Studies." Science **326**: 239-240

Erez Lieberman-Aiden, N. L. v. B., Louise Williams, Maxim Imakaev, Tobias Ragoczy, Agnes Telling, Ido Amit, Bryan R. Lajoie, Peter J. Sabo, Michael O. Dorschner, Richard Sandstrom, Bradley Bernstein, M. A. Bender, Mark Groudine, Andreas Gnirke, John Stamatoyannopoulos, Leonid A. Mirny, Eric S. Lander, Job Dekker (2009). "Comprehensive Mapping of Long-Range Interactions Reveals Folding Principles of the Human Genome." Science **326**: 289-293.

Hines, P. J. a. Z., Laura M. (2009). "What's Bugging Plants?" Science **324**: 741

Inomata, K., et al (2009). "High-resolution multi-dimensional NMR spectroscopy of proteins in human cells." Nature **458**: 106-109.

Irish, V. (2009). "Evolution of petal identity." Journal of Experimental Botany **60**(9): 2517-2527.

Jones, P.

King, R. D., Rowland, Jem, Oliver, Stephen G., Young, Michael, Aubrey, Wayne, Byrne, Emma, Liakata, Maria, Markaham, Magdalena, Pir, Pinar, Soldatova, Larisa N., Spares, Andrew, Whelan, Kenneth E., Clare, Amanda. (2009). "The Automation of Science." Science **324**: 85-89.

Kolaczyk, E. Statistical Analysis of Network Data: Methods and Models.

Lake, J. (2009). "Evidence for an early prokaryotic endosymbiosis." Nature **460**(7258): 967-71.

Palmenberg, A. C., Spiro, D., Kuzmickas, R., Wang, S., Djiking, A., Rathe, J.A., Fraser-Liggett, C.M., and Liggett, S.B. (2009). "Sequencing and Analyses of All Known Human Rhinovirus Genomes Reveal Structure and Evolution." Science **324**: 55-59.

Pang JF, K., C, Zou XJ, Zhang AB, Luo LY, Angleby H, Ardalán A, Ekström C, Sköllermo A, Lundeberg J, Matsumura S, Leitner T, Zhang YP, Savolainen P. "mtDNA Data Indicates a Single Origin for Dogs South of Yangtze River, less than 16,300 Years Ago, from Numerous Wolves." Mol Biol Evol. .

Peterson, E. E. H., V. N. Iyer, S., Storage, L., Conner, D.R. Papaj, Kurashima, R., Jang, E. and Eisen, M. B. (2009). "Big Genomes Facilitate the Comparative Identification of Regulatory Elements." B.K. PLoS ONE **4**(3).

Reich, D., Thangara, K, Patterson, N., Price, A.L. & Singh, L. (2009). "Reconstructing Indian Population History." Nature **461**: 487-488.

Sakakibara, D., et al. "Protein structure determination in living cells by in-cell NMR spectroscopy." Nature **458**: 102-105.

Schmidt, M., Lipson, Hod "Distilling Free-Form Natural Laws from Experimental Data." Science **324**: 81-85.

Stratton, M. R., Campbell, P.J., Futreal, P.A. "The Cancer Genome." Nature **458**: 719-724.

Waltz, D., Buchanan, Bruce G. (2009). "Automating Science." Science **324**: 43-44.

Watts, J. M., Dang, Kristen K, Gorelick, Robert J., Leonard, Christopher W., Bass Jr., Julian W., Swanstrom, Ronald, Burch, Christina L. and Weeks, Kevin M. (2009). "Architecture and secondary structure of an entire HIV-1 RNA Genome." Nature **460**: 711-716.

Watts, J. M., Dang, Kristen K., Gorelick, Robert J., Leonard, Christopher W., Bass Jr, Julian W., Swanstrom, Ronald, Burch, Christina L. and Weeks, Kevin M. "Architecture and secondary structure of an entire HIV-1 RNA Genome." Nature **460**: 711-716

Wilson, T. J., Lilley, David M.J. "The Evolution of Ribozyme Chemistry." Science **323**: 1436-1437.

Zhang Y, T. I., Weekes D, Li Z, Jaroszewski L, Ginalski K, Deacon AM, Wooley J, Lesley SA, Wilson IA, Palsson B, Osterman A, Godzik A. (2009). "Three-dimensional structural view of the central metabolic network of *Thermotoga maritima*." Science **325**(5947): 1544-9.