

# Genome Technology Program Bibliography

## Publications and Patents

NHGRI launched an ambitious program in 2004 to reduce the cost of full genome sequencing initially by 100-fold and subsequently by an additional 100-fold. Below, listed by Principal Investigator, are citations and links to many of the articles and patents resulting from this and closely related programs.

### **Benner, Steven A.**

Yang Z, Sismour AM, Sheng P, Puskar NL, Benner SA. Enzymatic incorporation of a third nucleobase pair. *Nucleic Acids Res.* 2007;35(13):4238-49. Epub 2007 Jun 18.

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Yang Z, Sismour AM, Benner SA. Nucleoside alpha-thiotriphosphates, polymerases and the exonuclease III analysis of oligonucleotides containing phosphorothioate linkages. *Nucleic Acids Res.* 2007;35(9):3118-27. Epub 2007 Apr 22.

[http://www.ncbi.nlm.nih.gov/pubmed/17452363?ordinalpos=2&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed\\_ResultsPanel.Pubmed\\_RVDocSum](http://www.ncbi.nlm.nih.gov/pubmed/17452363?ordinalpos=2&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)

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### **Church, George** ([http://arep.med.harvard.edu/gmc\\_pub.html](http://arep.med.harvard.edu/gmc_pub.html))

Varley KE, Mitra RD. Nested Patch PCR Enables Highly Multiplex Mutation Discovery in Candidate Genes (submitted). *Genome Res* (2008).

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[http://www.ncbi.nlm.nih.gov/pubmed/18379574?ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed\\_ResultsPanel.Pubmed\\_RVDocSum](http://www.ncbi.nlm.nih.gov/pubmed/18379574?ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)

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Shendure JA, Porreca GJ, Church GM. Overview of DNA sequencing strategies. *Curr Protoc Mol Biol* **Chapter 7**, Unit 7 1 (2008).

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