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## Genomic sequencing

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#	Paper	IF	Citations
2108	Latterday lessons of lambda and lac. <b>1984</b> , 308, 687-8		2
2107	RNA probes prepared in vitro. <b>1984</b> , 309, 191-191		1
2106	Use of light for footprinting DNA in vivo. <b>1984</b> , 309, 682-7		179
2105	A close look at the genome. <b>1984</b> , 310, 369		1
2104	The yeast ubiquitin gene: head-to-tail repeats encoding a polyubiquitin precursor protein. <b>1984</b> , 312, 663-6		291
2103	DNA-Methylierung: Geninaktivierung durch sequenzspezifische DNA-Methylierungen. <b>1984</b> , 96, 917-929		10
2102	Efficient in vitro synthesis of biologically active RNA and RNA hybridization probes from plasmids containing a bacteriophage SP6 promoter. <i>Nucleic Acids Research</i> , <b>1984</b> , 12, 7035-56	20.1	6525
2101	Loss of chloroplast DNA methylation during dedifferentiation of <i>Chlamydomonas reinhardtii</i> gametes. <b>1984</b> , 4, 2103-8		16
2100	Cloning of cDNAs specifying vitamin A-responsive human keratins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1984</b> , 81, 4321-5	11.5	122
2099	Antibodies of the secondary response can be expressed without switch recombination in normal mouse B cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1984</b> , 81, 7189-93	11.5	71
2098	Formaldehyde-mediated DNA-protein crosslinking: a probe for in vivo chromatin structures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1985</b> , 82, 6470-4	11.5	357
2097	Autoregulation plus upstream positive and negative control regions associated with transcriptional activation of the mouse P1(450) gene. <i>Nucleic Acids Research</i> , <b>1985</b> , 13, 7269-88	20.1	186
2096	Mutation in LDL receptor: Alu-Alu recombination deletes exons encoding transmembrane and cytoplasmic domains. <b>1985</b> , 227, 140-6		419
2095	Epidermal keratin gene expressed in embryos of <i>Xenopus laevis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1985</b> , 82, 5413-7	11.5	212
2094	Human genes involved in cholesterol metabolism: chromosomal mapping of the loci for the low density lipoprotein receptor and 3-hydroxy-3-methylglutaryl-coenzyme A reductase with cDNA probes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1985</b> , 82, 8567-71	11.5	121
2093	Specificity of gene expression in adipocytes. <b>1985</b> , 5, 419-21		32
2092	Chromosomal position and specific demethylation in enhancer sequences of germ line-transmitted retroviral genomes during mouse development. <b>1985</b> , 5, 2212-20		60

2091	Developmentally regulated cytokeratin gene in <i>Xenopus laevis</i> . <b>1985</b> , 5, 2575-81		47
2090	Polymorphism and evolution of Alu sequences in the human low density lipoprotein receptor gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1985</b> , 82, 7651-5	11.5	56
2089	A method for mapping intranuclear protein-DNA interactions and its application to a nuclease hypersensitive site. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1985</b> , 82, 2296-300	11.5	85
2088	Restriction fragment length polymorphism detected by human salivary amylase cDNA. <b>1985</b> , 71, 261-2		7
2087	Linkage of a 7S RNA sequence and kappa light chain genes in the mouse. <b>1985</b> , 22, 471-81		15
2086	Class I and class II restriction pattern polymorphisms associated with independently derived RT1 haplotypes in inbred rats. <b>1985</b> , 22, 9-22		9
2085	Detection in vivo of protein-DNA interactions within the lac operon of <i>Escherichia coli</i> . <b>1985</b> , 313, 795-8		73
2084	Cell-type-specific contacts to immunoglobulin enhancers in nuclei. <b>1985</b> , 313, 798-801		336
2083	Regulatory elements controlling chorion gene expression are conserved between flies and moths. <b>1985</b> , 317, 453-6		110
2082	Expression of N-myc in teratocarcinoma stem cells and mouse embryos. <b>1985</b> , 318, 188-91		158
2081	WhatMNew: More advances in DNA sequencing technology. <b>1985</b> , 2, 124-126		
2080	Methylation pattern of human T-cell leukemia virus in vivo and in vitro: pX and LTR regions are hypomethylated in vivo. <b>1985</b> , 35, 629-35		24
2079	Nonreciprocal exchanges of information between DNA duplexes coinjected into mammalian cell nuclei. <b>1985</b> , 5, 59-69		133
2078	The effect of capping and polyadenylation on the stability, movement and translation of synthetic messenger RNAs in <i>Xenopus</i> oocytes. <i>Nucleic Acids Research</i> , <b>1985</b> , 13, 7375-94	20.1	217
2077	Low ionic strength extraction of nuclease-treated nuclei destroys the attachment of transcriptionally active DNA to the nuclear skeleton. <i>Nucleic Acids Research</i> , <b>1985</b> , 13, 7427-44	20.1	41
2076	Tissue-specific expression of distinct spectrin and ankyrin transcripts in erythroid and nonerythroid cells. <b>1985</b> , 100, 152-60		56
2075	A transcription map of a yeast centromere plasmid: unexpected transcripts and altered gene expression. <i>Nucleic Acids Research</i> , <b>1985</b> , 13, 8487-506	20.1	58
2074	Induction of liver apolipoprotein A-IV mRNA in porphyric mice. <i>Nucleic Acids Research</i> , <b>1985</b> , 13, 1953-63	20.1	6

2073	Comparison of the mouse P(1)450 gene and flanking sequences from a MOPC 41 plasmacytoma and normal liver. <b>1985</b> , 4, 365-75	6
2072	Molecular cloning of mouse tumour necrosis factor cDNA and its eukaryotic expression. <i>Nucleic Acids Research</i> , <b>1985</b> , 13, 4417-29	20.1 248
2071	The LDL receptor gene: a mosaic of exons shared with different proteins. <b>1985</b> , 228, 815-22	774
2070	Expression of Campylobacter genes for proline biosynthesis in Escherichia coli. <b>1985</b> , 31, 1064-7	10
2069	The structure of the chicken alpha 2 collagen gene. <b>1985</b> , 460, 85-116	78
2068	The isolation and nucleotide sequence of a cDNA encoding the T cell surface protein T4: a new member of the immunoglobulin gene family. <b>1985</b> , 42, 93-104	662
2067	A novel method for the purification of DNA single strands suitable for DNA sequencing. <b>1985</b> , 2, 95-99	6
2066	Regulation of rat liver cell 3-hydroxy-3-methylglutaryl coenzyme A reductase by methoxypolyoxyethylated cholesterol. <b>1985</b> , 837, 163-72	4
2065	Mapping of HLA genes using pulsed-field gradient electrophoresis. <b>1986</b> , 204, 1-4	17
2064	Cell interactions and the control of gene activity during early development of <i>Xenopus laevis</i> . <b>1986</b> , 114, 238-46	188
2063	Detection of factors that interact with the human beta-interferon regulatory region in vivo by DNAase I footprinting. <b>1986</b> , 45, 611-8	197
2062	Direct identification of small sequence changes in chromosomal DNA. <b>1986</b> , 44, 151-8	43
2061	Optimized genomic sequencing as a tool for the study of cytosine methylation in the regulatory region of the chicken vitellogenin II gene. <b>1986</b> , 42, 151-7	46
2060	Developmental potential and dynamic behavior of hematopoietic stem cells. <b>1986</b> , 45, 917-27	738
2059	Nucleotide sequence and molecular evolution of two tomato genes encoding the small subunit of ribulose-1,5-bisphosphate carboxylase. <b>1986</b> , 48, 23-32	14
2058	The RNA transcripts of <i>Drosophila melanogaster</i> src gene are differentially regulated during development. <b>1986</b> , 867, 144-151	6
2057	Repair of heteroduplex plasmid DNA after transformation into <i>Saccharomyces cerevisiae</i> . <b>1986</b> , 6, 3401-9	65
2056	Detection of apolipoprotein E variants by an oligonucleotide "melting" procedure.. <b>1986</b> , 32, 1285-1289	36

2055	Glucose-6-phosphate dehydrogenase mRNA sequence abundance in primary cultures of rat hepatocytes. Effect of insulin and dexamethasone. <b>1986</b> , 237, 617-9		28
2054	Structure and developmentally regulated expression of a <i>Strongylocentrotus purpuratus</i> collagen gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1986</b> , 83, 3351-5	11.5	41
2053	Genetic uniformity in two populations of <i>Drosophila melanogaster</i> as revealed by filter hybridization of four-nucleotide-recognizing restriction enzyme digests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1986</b> , 83, 3562-6	11.5	96
2052	Genes encoding major light-harvesting polypeptides are clustered on the genome of the cyanobacterium <i>Fremyella diplosiphon</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1986</b> , 83, 3924-8	11.5	69
2051	Complete cDNA sequence of a cytochrome P-450 inducible by glucocorticoids in human liver. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1986</b> , 83, 5311-5	11.5	120
2050	Beta 2-microglobulin is not required for cell surface expression of the murine class I histocompatibility antigen H-2Db or of a truncated H-2Db. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1986</b> , 83, 7447-51	11.5	184
2049	Structural and functional analysis of chicken U4 small nuclear RNA genes. <b>1986</b> , 6, 3910-9		41
2048	Delimiting regulatory sequences of the <i>Drosophila melanogaster</i> Ddc gene. <b>1986</b> , 6, 4548-57		35
2047	Tissue-specific expression of the mouse dioxin-inducible P(1)450 and P(3)450 genes: differential transcriptional activation and mRNA stability in liver and extrahepatic tissues. <b>1986</b> , 6, 1471-7		178
2046	Negative regulatory gene for general control of amino acid biosynthesis in <i>Saccharomyces cerevisiae</i> . <b>1986</b> , 6, 3150-5		8
2045	Trans-acting amplification mutants and other eggshell mutants of the third chromosome in <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1986</b> , 83, 3341-5	11.5	27
2044	Mouse apolipoprotein A-IV gene: nucleotide sequence and induction by a high-lipid diet. <b>1986</b> , 6, 3807-14		47
2043	Partial purification of a nuclear protein that binds to the CCAAT box of the mouse alpha 1-globin gene. <b>1986</b> , 6, 821-32		99
2042	The gene encoding the T-cell surface protein T4 is located on human chromosome 12. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1986</b> , 83, 4399-402	11.5	46
2041	Modulation of tk expression in mouse pericentromeric heterochromatin. <b>1986</b> , 6, 4440-9		27
2040	Interaction between Kb and Q4 gene sequences generates the Kbm6 mutation. <b>1986</b> , 6, 645-52		56
2039	Exon-Alu recombination deletes 5 kilobases from the low density lipoprotein receptor gene, producing a null phenotype in familial hypercholesterolemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1986</b> , 83, 3679-83	11.5	140
2038	Specific protein binding to the simian virus 40 enhancer in vitro. <b>1986</b> , 6, 2098-105		156

2037	Genomic sequencing reveals a positive correlation between the kinetics of strand-specific DNA demethylation of the overlapping estradiol/glucocorticoid-receptor binding sites and the rate of avian vitellogenin mRNA synthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1986</b> , 83, 7167-71	11.5	211
2036	Two proto-oncogenes implicated in mammary carcinogenesis, int-1 and int-2, are independently regulated during mouse development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1986</b> , 83, 7806-10	11.5	190
2035	Mutational analysis of the immunoglobulin heavy chain promoter region. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1986</b> , 83, 9626-30	11.5	98
2034	Heat shock causes destabilization of specific mRNAs and destruction of endoplasmic reticulum in barley aleurone cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1986</b> , 83, 1354-8	11.5	107
2033	Active X chromosome DNA is unmethylated at eight CCGG sites clustered in a guanine-plus-cytosine-rich island at the 5' end of the gene for phosphoglycerate kinase. <b>1986</b> , 6, 4122-5		162
2032	The chicken ubiquitin gene contains a heat shock promoter and expresses an unstable mRNA in heat-shocked cells. <b>1986</b> , 6, 4602-10		140
2031	New positive and negative regulators for general control of amino acid biosynthesis in <i>Saccharomyces cerevisiae</i> . <b>1986</b> , 6, 1820-9		23
2030	Simultaneous solid-phase sequencing of short and long DNA fragments on CCS anion-exchange cellulose paper. <b>1986</b> , 6, 34-38		
2029	Sensitivity of preadipose 3T3 cells to growth hormone. <b>1986</b> , 128, 293-8		15
2028	Inability of autoimmune mice with the <i>lpr</i> gene to spontaneously produce interleukin 3. <b>1986</b> , 16, 464-7		8
2027	A new negative control gene for amino acid biosynthesis in <i>Saccharomyces cerevisiae</i> . <b>1986</b> , 10, 495-501		10
2026	Origin of new mutations in Duchenne muscular dystrophy. <b>1986</b> , 74, 456-60		9
2025	A 45,X male with a Yp/18 translocation. <b>1986</b> , 74, 126-32		37
2024	The actin loci in the genus <i>Drosophila</i> : establishment of chromosomal homologies among distantly related species by in situ hybridization. <b>1986</b> , 94, 297-308		37
2023	Detection of a 17 kb unique sequence (T-DNA) in plant chromosomes by in situ hybridization. <b>1986</b> , 94, 11-18		147
2022	Abscisic acid induction of cloned cotton late embryogenesis-abundant (Lea) mRNAs. <b>1986</b> , 7, 155-70		302
2021	Somatic hybridization in the gramineae: <i>Pennisetum americanum</i> (L.) K. Schum. (Pearl millet) + <i>Panicum maximum</i> Jacq. (Guinea grass). <i>Molecular Genetics and Genomics</i> , <b>1986</b> , 203, 365-370		43
2020	Deletion polymorphism in a <i>Drosophila melanogaster</i> heat shock gene. <i>Molecular Genetics and Genomics</i> , <b>1986</b> , 204, 266-72		3

2019	Rescue of a tk-plasmid from transgenic mice reveals its episomal transmission. <i>Molecular Genetics and Genomics</i> , <b>1986</b> , 204, 328-33		13
2018	Evidence in a nematode for regulation of transposon excision by tissue-specific factors. <i>Molecular Genetics and Genomics</i> , <b>1986</b> , 202, 410-5		18
2017	UV crosslinking of RNA to nylon membrane enhances hybridization signals. <b>1986</b> , 11, 107-15		193
2016	Characterization of human c-fes/fps reveals a new transcription unit (fur) in the immediately upstream region of the proto-oncogene. <b>1986</b> , 11, 117-25		85
2015	Detection of cytosine methylation in the maize alcohol dehydrogenase gene by genomic sequencing. <b>1986</b> , 319, 243-246		84
2014	Cloning and expression of human lipocortin, a phospholipase A2 inhibitor with potential anti-inflammatory activity. <b>1986</b> , 320, 77-81		630
2013	Tumour induction by the retinoblastoma mutation is independent of N-myc expression. <b>1986</b> , 322, 555-7		68
2012	Mapping of the class II region of the human major histocompatibility complex by pulsed-field gel electrophoresis. <b>1986</b> , 323, 453-5		179
2011	In vivo protein-DNA interactions in a glucocorticoid response element require the presence of the hormone. <b>1986</b> , 324, 686-8		317
2010	Control of laminin synthesis during differentiation of F9 embryonal carcinoma cells. A study using cDNA clones complementary to the mRNA species for the A, B1 and B2 subunits. <b>1986</b> , 32, 260-6		33
2009	Tissue-specific heterogeneity of the 3' untranslated region of L-type pyruvate kinase mRNAs. <b>1986</b> , 158, 33-41		21
2008	Cloning of rat liver arginase cDNA and elucidation of regulation of arginase gene expression in H4 rat hepatoma cells. <b>1986</b> , 12, 375-84		46
2007	Genomic blot hybridization as a tool of phylogenetic analysis: evolutionary divergence in the genus <i>Drosophila</i> . <b>1986</b> , 24, 174-88		13
2006	Deletion in cysteine-rich region of LDL receptor impedes transport to cell surface in WHHL rabbit. <b>1986</b> , 232, 1230-7		327
2005	Induction of B2 RNA polymerase III transcription by heat shock: enrichment for heat shock induced sequences in rodent cells by hybridization subtraction. <i>Nucleic Acids Research</i> , <b>1986</b> , 14, 5793-811	20.1	128
2004	Methylated DNA-binding protein from human placenta recognizes specific methylated sites on several prokaryotic DNAs. <i>Nucleic Acids Research</i> , <b>1986</b> , 14, 9843-60	20.1	47
2003	Analysis of the yeast SPT3 gene and identification of its product, a positive regulator of Ty transcription. <i>Nucleic Acids Research</i> , <b>1986</b> , 14, 6885-900	20.1	34
2002	Characterization of a supercoil-dependent S1 sensitive site 5' to the <i>Drosophila melanogaster</i> hsp 26 gene. <i>Nucleic Acids Research</i> , <b>1986</b> , 14, 9425-44	20.1	41

2001	Identification of a nonhistone chromosomal protein associated with heterochromatin in <i>Drosophila melanogaster</i> and its gene. <b>1986</b> , 6, 3862-72		537
2000	Direct cloning and sequence analysis of enzymatically amplified genomic sequences. <b>1986</b> , 233, 1076-8		702
1999	Fine structure of the human hypoxanthine phosphoribosyltransferase gene. <b>1986</b> , 6, 393-403		200
1998	Structure and nucleotide sequence of the 5'Megion of the human and feline c-sis proto-oncogenes. <i>Nucleic Acids Research</i> , <b>1986</b> , 14, 765-78	20.1	26
1997	Yeast Promoters. <b>1986</b> , 35-78		13
1996	Expression of ribosomal insertion in <i>Drosophila</i> : sensitivity to intercalating drugs. <i>Nucleic Acids Research</i> , <b>1986</b> , 14, 1267-77	20.1	8
1995	Expression of T cell receptor genes in human B cells. <b>1986</b> , 164, 1940-57		36
1994	Conservation in the 5'Megion of the long interspersed mouse L1 repeat: implications of comparative sequence analysis. <i>Nucleic Acids Research</i> , <b>1986</b> , 14, 3119-36	20.1	14
1993	Localization of preangiotensinogen messenger RNA sequences in the rat brain. <b>1986</b> , 8, 540-3		156
1992	The genes for tumor necrosis factor (TNF-alpha) and lymphotoxin (TNF-beta) are tandemly arranged on chromosome 17 of the mouse. <i>Nucleic Acids Research</i> , <b>1986</b> , 14, 7713-25	20.1	100
1991	Function and misfunction of the two promoters of the <i>Drosophila</i> Antennapedia gene. <b>1987</b> , 1, 544-55		59
1990	An anonymous single copy clone (p1,2-2) from a flow sorted human chromosomes 1 and 2 library (D1S33). <i>Nucleic Acids Research</i> , <b>1987</b> , 15, 5904	20.1	
1989	Androgen regulation of c-myc messenger ribonucleic acid levels in rat ventral prostate. <b>1987</b> , 1, 865-74		68
1988	Yeast nucleosomes allow thermal untwisting of DNA. <i>Nucleic Acids Research</i> , <b>1987</b> , 15, 10311-30	20.1	66
1987	Isolation of renin-rich rat kidney cells. <b>1987</b> , 10, 488-96		24
1986	Measuring the human T cell receptor gamma-chain locus. <b>1987</b> , 237, 1217-9		47
1985	Complementary deoxyribonucleic acid cloning of bovine transforming growth factor-beta 1. <b>1987</b> , 1, 693-8		66
1984	Comparison of human mouse P1450 upstream regulatory sequences in liver- and nonliver-derived cell lines. <b>1987</b> , 1, 312-20		14



1983	Protein-DNA interactions in vivo upstream of a cell cycle-regulated human H4 histone gene. <b>1987</b> , 236, 1308-11		136
1982	Hybrid dysgenesis in <i>Drosophila melanogaster</i> : the elimination of P elements through repeated backcrossing to an M-type strain. <b>1987</b> , 29, 195-200		2
1981	T cell antigen receptor expression in athymic (nu/nu) mice. Evidence for an oligoclonal beta chain repertoire. <b>1987</b> , 166, 195-209		76
1980	Tissue-specific expression of cell-surface Qa-2 antigen from a transfected Q7b gene of C57BL/10 mice. <b>1987</b> , 165, 1358-70		62
1979	Primary structure of lymphocyte function-associated antigen 3 (LFA-3). The ligand of the T lymphocyte CD2 glycoprotein. <b>1987</b> , 166, 923-32		116
1978	A novel GC-rich dispersed repeat sequence in <i>Drosophila melanogaster</i> . <i>Nucleic Acids Research</i> , <b>1987</b> , 15, 4035-48	20.1	9
1977	En-1 and En-2, two mouse genes with sequence homology to the <i>Drosophila engrailed</i> gene: expression during embryogenesis. <b>1987</b> , 1, 29-38		279
1976	Identification and localization of mutations at the Lesch-Nyhan locus by ribonuclease A cleavage. <b>1987</b> , 236, 303-5		145
1975	Alternative processing during development of a macronuclear chromosome family in <i>Oxytricha fallax</i> . <b>1987</b> , 1, 1047-58		75
1974	The use of permanganate as a sequencing reagent for identification of 5-methylcytosine residues in DNA. <i>Nucleic Acids Research</i> , <b>1987</b> , 15, 5517-28	20.1	35
1973	Cell cycle regulated synthesis of an abundant transcript for human chromosomal protein HMG-17. <i>Nucleic Acids Research</i> , <b>1987</b> , 15, 3549-61	20.1	23
1972	Cloning and sequence analysis of cDNA encoding p38, a major synaptic vesicle protein. <b>1987</b> , 105, 2447-56		124
1971	Deletion and duplication of DNA sequences is associated with the embryonic lethal phenotype of the t9 complementation group of the mouse t complex. <b>1987</b> , 1, 376-85		50
1970	Presence of angiotensinogen messenger RNA in various cultured cell lines. <b>1987</b> , 9, III25-30		4
1969	Post-transcriptional restriction of gene expression in sea urchin interspecies hybrid embryos. <b>1987</b> , 1, 337-46		20
1968	The SPT6 gene is essential for growth and is required for delta-mediated transcription in <i>Saccharomyces cerevisiae</i> . <b>1987</b> , 7, 679-86		130
1967	Levels of messenger ribonucleic acid encoding cholesterol side-chain cleavage cytochrome P-450, 17 alpha-hydroxylase cytochrome P-450, adrenodoxin, and low density lipoprotein receptor in bovine follicles and corpora lutea throughout the ovarian cycle. <b>1987</b> , 1, 274-9		66
1966	New murine homeoboxes: structure, chromosomal assignment, and differential expression in adult erythropoiesis. <b>1987</b> , 6, 409-18		64

1965	Applications of recombinant DNA technology to studies of metabolic regulation. <b>1987</b> , 247, 1-13		27
1964	Proto-oncogene expression in proliferating and differentiating cardiac and skeletal muscle. <b>1987</b> , 247, 701-6		58
1963	Definition of regions in human c-myc that are involved in transformation and nuclear localization. <b>1987</b> , 7, 1697-709		481
1962	Chlamydial rRNA operons: gene organization and identification of putative tandem promoters. <b>1987</b> , 169, 5678-85		70
1961	Interferon messenger RNA is produced constitutively in the organs of normal individuals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1987</b> , 84, 5038-42	11.5	108
1960	Molecular cloning and analysis of functional cDNA and genomic clones encoding bovine cellular retinoic acid-binding protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1987</b> , 84, 5645-9	11.5	105
1959	Poly-L-ornithine-mediated transformation of mammalian cells. <b>1987</b> , 7, 2286-93		63
1958	Molecular cloning and sequence of a cholesterol-repressible enzyme related to prenyltransferase in the isoprene biosynthetic pathway. <b>1987</b> , 7, 3138-46		118
1957	Human thyroid peroxidase: complete cDNA and protein sequence, chromosome mapping, and identification of two alternately spliced mRNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1987</b> , 84, 5555-9	11.5	235
1956	T-cell gamma gene is allelically but not isotypically excluded and is not required in known functional T-cell subsets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1987</b> , 84, 8070-4	11.5	66
1955	Plasminogen activator inhibitor type 1 gene is located at region q21.3-q22 of chromosome 7 and genetically linked with cystic fibrosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1987</b> , 84, 8548-52	11.5	105
1954	Human immunoglobulin kappa gene enhancer: chromatin structure analysis at high resolution. <b>1987</b> , 7, 15-25		34
1953	Transcription of novel genes, including a gene linked to the mating-type locus, induced by <i>Chlamydomonas</i> fertilization. <b>1987</b> , 7, 2360-6		55
1952	In vivo DNA-binding properties of a yeast transcription activator protein. <b>1987</b> , 7, 3260-7		119
1951	Stable transformation of soybean by electroporation and root formation from transformed callus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1987</b> , 84, 3962-6	11.5	64
1950	Molecular cloning and sequence analysis of the catalytic subunit of bovine type 2A protein phosphatase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1987</b> , 84, 4880-4	11.5	98
1949	mRNA for low density lipoprotein receptor in brain and spinal cord of immature and mature rabbits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1987</b> , 84, 6312-6	11.5	56
1948	Human vascular smooth muscle cells both express and respond to heparin-binding growth factor I (endothelial cell growth factor). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1987</b> , 84, 7124-8	11.5	169

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1256	Chromatin differences between active and inactive X chromosomes revealed by genomic footprinting of permeabilized cells using DNase I and ligation-mediated PCR. <b>1991</b> , 5, 1102-13	170
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587	In vivo regulation of glycolytic and gluconeogenic enzyme gene expression in newborn rat liver. <b>1988</b> , 81, 1682-9	31
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585	Growth factor expression in aorta of normotensive and hypertensive rats. <b>1989</b> , 83, 1404-8	164
584	Human decidua is a major source of renin. <b>1989</b> , 83, 2085-92	84
583	Evidence for a dominant gene that suppresses hypercholesterolemia in a family with defective low density lipoprotein receptors. <b>1989</b> , 84, 656-64	116
582	Atherogenic diet increases cholesteryl ester transfer protein messenger RNA levels in rabbit liver. <b>1990</b> , 85, 357-63	122
581	The cardiac beta-myosin heavy chain isogene is induced selectively in alpha 1-adrenergic receptor-stimulated hypertrophy of cultured rat heart myocytes. <b>1990</b> , 85, 1206-14	162
580	A single nucleotide substitution introduces a premature termination codon into the androgen receptor gene of a patient with receptor-negative androgen resistance. <b>1990</b> , 85, 1522-8	53

579	Renin release and gene expression in intact rat kidney microvessels and single cells. <b>1990</b> , 86, 169-75	54
578	Structure and distribution of an Alu-type deletion mutation in Sandhoff disease. <b>1990</b> , 86, 1524-31	64
577	Stimulation of rat endothelial cell transforming growth factor-beta production by bleomycin. <b>1991</b> , 87, 148-54	81
576	Susceptibility to multiple sclerosis is associated with the proximal immunoglobulin heavy chain variable region. <b>1991</b> , 87, 1266-73	57
575	Molecular basis of apolipoprotein (a) isoform size heterogeneity as revealed by pulsed-field gel electrophoresis. <b>1991</b> , 87, 2153-61	321
574	Differential regulation of Na/H antiporter by acid in renal epithelial cells and fibroblasts. <b>1991</b> , 88, 1703-8	106
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572	Interferon-alpha restores the deficient expression of the cytoadhesion molecule lymphocyte function antigen-3 by chronic myelogenous leukemia progenitor cells. <b>1991</b> , 88, 2131-6	63
571	Neutrophil elastase in respiratory epithelial lining fluid of individuals with cystic fibrosis induces interleukin-8 gene expression in a human bronchial epithelial cell line. <b>1992</b> , 89, 1478-84	361
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569	Molecular genetics of steroid 5 alpha-reductase 2 deficiency. <b>1992</b> , 90, 799-809	284
568	Thrombin stimulates proliferation of cultured rat aortic smooth muscle cells by a proteolytically activated receptor. <b>1993</b> , 91, 94-8	424
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566	Ontogeny of type 1 angiotensin II receptor gene expression in the rat. <b>1993</b> , 91, 530-7	110
565	Cloning of a virulence factor of Entamoeba histolytica. Pathogenic strains possess a unique cysteine proteinase gene. <b>1993</b> , 91, 1532-40	69
564	Frameshift and splice-junction mutations in the sterol 27-hydroxylase gene cause cerebrotendinous xanthomatosis in Jews or Moroccan origin. <b>1993</b> , 91, 2488-96	139
563	Hyperthermia induces expression of transforming growth factor-beta s in rat cardiac cells in vitro and in vivo. <b>1993</b> , 92, 404-10	27
562	Altered aldose reductase gene regulation in cultured human retinal pigment epithelial cells. <b>1993</b> , 92, 617-23	47

561	Coincidence of genetic loci for plasma cholesterol levels and obesity in a multifactorial mouse model. <b>1993</b> , 92, 773-9	63
560	Targeted expression of transforming growth factor-beta 1 in intracardiac grafts promotes vascular endothelial cell DNA synthesis. <b>1995</b> , 95, 114-21	73
559	Interleukin-1 beta induces cardiac myocyte growth but inhibits cardiac fibroblast proliferation in culture. <b>1995</b> , 95, 2555-64	156
558	Intracellular signaling pathways required for rat vascular smooth muscle cell migration. Interactions between basic fibroblast growth factor and platelet-derived growth factor. <b>1995</b> , 96, 1905-15	70
557	rENaC is the predominant Na <sup>+</sup> channel in the apical membrane of the rat renal inner medullary collecting duct. <b>1995</b> , 96, 2748-57	64
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555	Biomechanical coupling in renin-releasing cells. <b>1997</b> , 100, 1566-74	42
554	Glucose-specific regulation of aldose reductase in capan-1 human pancreatic duct cells In vitro. <b>1997</b> , 100, 1685-92	21
553	Tumor necrosis factor-alpha contributes to obesity-related hyperleptinemia by regulating leptin release from adipocytes. <b>1997</b> , 100, 2777-82	284
552	Targeted disruption of the murine Na <sup>+</sup> /H <sup>+</sup> exchanger isoform 2 gene causes reduced viability of gastric parietal cells and loss of net acid secretion. <b>1998</b> , 101, 1243-53	208
551	Increased sensitivity to K <sup>+</sup> deprivation in colonic H,K-ATPase-deficient mice. <b>1998</b> , 101, 536-42	127
550	Enhanced expression of p53 and apoptosis induced by blockade of the vacuolar proton ATPase in cardiomyocytes. <b>1998</b> , 101, 1453-61	58
549	Potassium depletion downregulates chloride-absorbing transporters in rat kidney. <b>1998</b> , 101, 1045-54	48
548	Ubiquitin conjugation by the N-end rule pathway and mRNAs for its components increase in muscles of diabetic rats. <b>1999</b> , 104, 1411-20	140
547	Hyperlipidemia and cutaneous abnormalities in transgenic mice overexpressing human apolipoprotein C1. <b>1998</b> , 101, 145-52	123
546	Overexpression of HOX11 Leads to the Immortalization of Embryonic Precursors With Both Primitive and Definitive Hematopoietic Potential. <b>1998</b> , 92, 877-887	6
545	DNA Methylation. <b>1999</b> , 93, 4059-4070	14
544	D3: A Gene Induced During Myeloid Cell Differentiation of Linlo c-Kit <sup>+</sup> Sca-1 <sup>+</sup> Progenitor Cells. <b>1999</b> , 93, 527-536	12

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541	Molecular cloning and characterization of a human metalloprotease disintegrin $\alpha$ novel marker for dendritic cell differentiation. <b>2000</b> , 96, 732-739	12
540	Screening of the arrestin gene in dogs afflicted with generalized progressive retinal atrophy. <b>2002</b> , 3, 12	3
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538	TSG-14 transgenic mice have improved survival to endotoxemia and to CLP-induced sepsis. <b>2001</b> , 69, 928-936	23
537	Interleukin-12 induces interferon-gamma expression and natural killer cytotoxicity in cord blood mononuclear cells. <b>1996</b> , 39, 150-5	41
536	The alpha subunit of the epithelial sodium channel in the mouse: developmental regulation of its expression. <b>1997</b> , 42, 327-34	44
535	Angiotensin-converting enzyme inhibition decreases growth factor expression in the neonatal rat kidney. <b>1997</b> , 42, 588-92	31
534	Expression and mapping of protein phosphatase 2A alpha in the developing rat heart. <b>1998</b> , 43, 68-76	5
533	Replication, integration and stable germ-line transmission of foreign sequences injected into early zebrafish embryos. <b>1988</b> , 103, 403-412	275
532	Differential gene expression in the anterior neural plate during gastrulation of <i>Xenopus laevis</i> . <b>1989</b> , 105, 779-786	33
531	Altered expression of spatially regulated embryonic genes in the progeny of separated sea urchin blastomeres. <b>1989</b> , 106, 567-579	31
530	Nucleotide sequence, chromosomal localization and developmental expression of the mouse int-1-related gene. <b>1989</b> , 107, 643-650	51
529	Region-specific expression in early chick and mouse embryos of <i>Ghox-lab</i> and <i>Hox 1.6</i> , vertebrate homeobox-containing genes related to <i>Drosophila labial</i> . <b>1990</b> , 108, 47-58	75
528	Developmental expression of the putative transcription factor <i>Egr-1</i> suggests that <i>Egr-1</i> and <i>c-fos</i> are coregulated in some tissues. <b>1990</b> , 108, 281-287	105
527	Expression of the tyrosine kinase receptor gene <i>trkB</i> is confined to the murine embryonic and adult nervous system. <b>1990</b> , 109, 845-850	285
526	FGFR-4, a new member of the fibroblast growth factor receptor family, expressed in the definitive endoderm and skeletal muscle lineages of the mouse. <b>1991</b> , 113, 641-651	172



525	Early mRNAs, spatially restricted along the animal-vegetal axis of sea urchin embryos, include one encoding a protein related to tolloid and BMP-1. <b>1992</b> , 114, 769-786	100
524	The mouse has a Polycomb-like chromobox gene. <b>1992</b> , 114, 921-929	96
523	Spatially restricted expression of fibroblast growth factor receptor-2 during <i>Xenopus</i> development. <b>1992</b> , 116, 1051-1058	44
522	Mice homozygous for a targeted disruption of the proto-oncogene <i>int-2</i> have developmental defects in the tail and inner ear. <b>1993</b> , 117, 13-28	325
521	Inactivation of an X-linked transgene in murine extraembryonic and adult tissues. <b>1993</b> , 118, 641-649	12
520	GATA-4 is a novel transcription factor expressed in endocardium of the developing heart. <b>1993</b> , 118, 817-827	186
519	Defects in mesoderm, neural tube and vascular development in mouse embryos lacking fibronectin. <b>1993</b> , 119, 1079-1091	874
518	Embryonic mesodermal defects in alpha 5 integrin-deficient mice. <b>1993</b> , 119, 1093-1105	506
517	Primitive streak mesoderm-like cell lines expressing Pax-3 and Hox gene autoinducing activities. <b>1994</b> , 120, 37-47	15
516	Developmental control of allelic methylation in the imprinted mouse <i>Igf2</i> and <i>H19</i> genes. <b>1994</b> , 120, 2933-2943	214
515	Profilin mutations disrupt multiple actin-dependent processes during <i>Drosophila</i> development. <b>1994</b> , 120, 717-728	207
514	<i>msd</i> is required for mesoderm induction in mice. <b>1994</b> , 120, 1335-1346	34
513	Nodal induces ectopic goosecoid and <i>lim1</i> expression and axis duplication in zebrafish. <b>1995</b> , 121, 383-391	134
512	The mouse <i>Fgf8</i> gene encodes a family of polypeptides and is expressed in regions that direct outgrowth and patterning in the developing embryo. <b>1995</b> , 121, 439-451	878
511	Defective development of the embryonic and extraembryonic circulatory systems in vascular cell adhesion molecule (VCAM-1) deficient mice. <b>1995</b> , 121, 489-503	424
510	Cell adhesion events mediated by alpha 4 integrins are essential in placental and cardiac development. <b>1995</b> , 121, 549-560	589
509	Embryonic activation of the <i>myoD</i> gene is regulated by a highly conserved distal control element. <b>1995</b> , 121, 637-649	139
508	The mouse homolog of the orphan nuclear receptor <i>tailless</i> is expressed in the developing forebrain. <b>1995</b> , 121, 839-853	120

507	Isolation of novel tissue-specific genes from cDNA libraries representing the individual tissue constituents of the gastrulating mouse embryo. <b>1995</b> , 121, 2479-2489	49
506	Proteoglycans are required for maintenance of Wnt-11 expression in the ureter tips. <b>1996</b> , 122, 3627-3637	223
505	The <i>Drosophila</i> stonewall gene encodes a putative transcription factor essential for germ cell development. <b>1996</b> , 122, 937-950	46
504	Analysis of Hox gene expression in the chick limb bud. <b>1996</b> , 122, 1449-1466	365
503	Clustered arrangement of winged helix genes fkh-6 and MFH-1: possible implications for mesoderm development. <b>1996</b> , 122, 1751-1758	79
502	NF-kappaB activity in transgenic mice: developmental regulation and tissue specificity. <b>1996</b> , 122, 2117-2128	178
501	Insulin-like growth factor-I stimulates neurogenesis in chick retina by regulating expression of the alpha 6 integrin subunit. <b>1996</b> , 122, 2497-2506	57
500	Differential expression of mammalian Numb, Numlike and Notch1 suggests distinct roles during mouse cortical neurogenesis. <b>1997</b> , 124, 1887-1897	198
499	The <i>C. elegans</i> gene pag-3 is homologous to the zinc finger proto-oncogene gfi-1. <b>1997</b> , 124, 2063-2073	23
498	The <i>Drosophila</i> G-protein-coupled receptor kinase homologue Gprk2 is required for egg morphogenesis. <b>1997</b> , 124, 2591-2602	30
497	The role of lin-22, a hairy/enhancer of split homolog, in patterning the peripheral nervous system of <i>C. elegans</i> . <b>1997</b> , 124, 2875-2888	52
496	Imprinting of Igf2 and H19 from a 130 kb YAC transgene. <b>1997</b> , 124, 3621-3632	80
495	The <i>Xenopus</i> homeobox gene twin mediates Wnt induction of goosecoid in establishment of Spemann organizer. <b>1997</b> , 124, 4905-4916	166
494	The winged helix gene, Mf3, is required for normal development of the diencephalon and midbrain, postnatal growth and the milk-ejection reflex. <b>1997</b> , 124, 1263-1274	79
493	Involvement of T-box genes Tbx2-Tbx5 in vertebrate limb specification and development. <b>1998</b> , 125, 2499-2509	120
492	Determination of the zebrafish forebrain: induction and patterning. <b>1998</b> , 125, 4403-4416	99
491	Sex-specific exons control DNA methyltransferase in mammalian germ cells. <b>1998</b> , 125, 889-897	247
490	Follistatin regulates the relative proportions of endocrine versus exocrine tissue during pancreatic development. <b>1998</b> , 125, 1017-1024	207

489	A comparative molecular approach to mesodermal patterning in basal deuterostomes: the expression pattern of Brachyury in the enteropneust hemichordate <i>Ptychodera flava</i> . <b>1999</b> , 126, 85-95	100
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487	A molecular analysis of mouse development from 8 to 10 days post coitum detects changes only in embryonic globin expression. <b>1987</b> , 99, 493-500	211
486	A human nuclear protein with sequence homology to a family of early S phase proteins is required for entry into S phase and for cell division. <b>1994</b> , 107, 253-265	80
485	Branching morphogenesis of human mammary epithelial cells in collagen gels. <b>1994</b> , 107, 3557-3568	126
484	Neither ERK nor JNK/SAPK MAP kinase subtypes are essential for histone H3/HMG-14 phosphorylation or c-fos and c-jun induction. <b>1995</b> , 108, 3599-3609	58
483	Evidence that tenascin and thrombospondin-1 modulate sprouting of endothelial cells. <b>1995</b> , 108, 797-809	95
482	CD44 is the major peanut lectin-binding glycoprotein of human epidermal keratinocytes and plays a role in intercellular adhesion. <b>1995</b> , 108, 1959-1970	54
481	Mammary epithelial cell differentiation in vitro is regulated by an interplay of EGF action and tenascin-C downregulation. <b>1995</b> , 108, 2445-2456	25
480	Metastasis-associated 5T4 oncofoetal antigen is concentrated at microvillus projections of the plasma membrane. <b>1995</b> , 108, 2905-2916	36
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478	Association of thrombospondin-1 with osteogenic differentiation of retinal pericytes in vitro. <b>1996</b> , 109, 343-353	61
477	Glycosaminoglycans modulate cell-matrix interactions of human fibroblasts and endothelial cells in vitro. <b>1996</b> , 109, 479-488	27
476	A novel cytoplasmic dynein heavy chain: expression of DHC1b in mammalian ciliated epithelial cells. <b>1996</b> , 109, 1891-1898	51
475	Molecular cloning, over-expression, developmental regulation and immunolocalization of fragminP, a gelsolin-related actin-binding protein from <i>Physarum polycephalum</i> plasmodia. <b>1997</b> , 110, 1215-1226	23
474	Mutation of a gene for a <i>Drosophila</i> kinesin-like protein, <i>Klp38B</i> , leads to failure of cytokinesis. <b>1997</b> , 110, 945-954	40
473	Identification of IHABP, a 95 kDa intracellular hyaluronate binding protein. <b>1998</b> , 111, 1673-1684	67
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471	L-CAM expression induces fibroblast-epidermoid transition in squamous carcinoma cells and down-regulates the endogenous N-cadherin. <b>1998</b> , 111, 1005-1019	23
470	Induction of apoptosis by overexpression of the DNA-binding and DNA-PK-activating protein C1D. <b>1999</b> , 112, 2223-2232	20
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468	Partial rescue of epithelial phenotype in integrin beta4 null mice by a keratin-5 promoter driven human integrin beta4 transgene. <b>1999</b> , 112, 3911-3922	11
467	Is arcA3 a possible mediator in the signal transduction pathway during agonist cell cycle arrest by salicylic acid and UV irradiation?. <b>1999</b> , 112, 1181-1190	22
466	An upstream element of the TamS1 gene is a site of DNA-protein interactions during differentiation to the merozoite in <i>Theileria annulata</i> . <b>2000</b> , 113, 2243-2252	10
465	The apoptosis mediator mDAP-3 is a novel member of a conserved family of mitochondrial proteins. <b>2000</b> , 113, 3603-3612	46
464	Characterisation of a cluster of genes encoding <i>Theileria annulata</i> AT hook DNA-binding proteins and evidence for localisation to the host cell nucleus. <b>2001</b> , 114, 2747-2754	34
463	Resistance of keratinocytes to TGF $\beta$ mediated growth restriction and apoptosis induction accelerates re-epithelialization in skin wounds. <b>2002</b> , 115, 2189-2198	97
462	The CDK inhibitor NtKIS1a is involved in plant development, endoreduplication and restores normal development of cyclin D3;1-overexpressing plants. <b>2002</b> , 115, 973-982	85
461	A small RNA in testis and brain: implications for male germ cell development. <b>2002</b> , 115, 1243-1250	19
460	Analysis of <i>Chlamydomonas</i> SF-assemblin by GFP tagging and expression of antisense constructs. <b>2002</b> , 115, 1511-1522	37
459	AKH BIOSYNTHESIS: TRANSCRIPTIONAL AND TRANSLATIONAL CONTROL OF TWO CO-LOCALISED PROHORMONES. <b>1993</b> , 177, 223-241	16
458	Molecular cloning and developmental expression patterns of the MyoD and MEF2 families of muscle transcription factors in the carp.. <b>1998</b> , 201, 2801-2813	47
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456	Identification and expression analysis of two developmentally regulated myosin heavy chain gene transcripts in carp ( <i>Cyprinus carpio</i> ). <b>1999</b> , 202, 1081-1090	30
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450	Expanding the repertoire of Modified Vaccinia Ankara-based vaccine vectors via genetic complementation strategies. <b>2009</b> , 4, e5445	29
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446	Twinfilin-2a is dispensable for mouse development. <b>2011</b> , 6, e22894	6
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