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The *C. elegans* heterochronic gene *lin-4* encodes small RNAs with antisense complementarity to *lin-14*

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2208	Cardiac rehabilitation, adult fitness and exercise testing. <b>1988</b> , 22, 168-168		
2207	Posttranscriptional regulation of the heterochronic gene lin-14 by lin-4 mediates temporal pattern formation in <i>C. elegans</i> . <i>Cell</i> , <b>1993</b> , 75, 855-62	56.2	3116
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2009	Regulation of the NPT gene by a naturally occurring antisense transcript. <b>2002</b> , 36, 241-52	11
2008	A microRNA in a multiple-turnover RNAi enzyme complex. <b>2002</b> , 297, 2056-60	1640
2007	The Drosophila melanogaster genome. <b>2003</b> , 4, 89-117	91
2006	Nobel lecture. Worms, life and death. <b>2003</b> , 23, 239-303	58
2005	New microRNAs from mouse and human. <b>2003</b> , 9, 175-9	659
2004	Gene silencing through RNA interference: Potential for therapeutics and functional genomics. <b>2003</b> , 10, 361-372	
2003	RNA interference: from an ancient mechanism to a state of the art therapeutic application?. <b>2003</b> , 90, 345-59	41
2002	Post-transcriptional gene silencing in plants by RNA. <b>2003</b> , 22, 167-74	31
2001	Fxyd3 and Lgi4 expression in the adult mouse: a case of endogenous antisense expression. <b>2003</b> , 14, 665-72	9
2000	The Drosophila microRNA Mir-14 suppresses cell death and is required for normal fat metabolism. <b>2003</b> , 13, 790-5	800
1999	MicroRNAs and other tiny endogenous RNAs in C. elegans. <b>2003</b> , 13, 807-18	596
1998	miRNAs: micro managers of programmed cell death. <b>2003</b> , 13, R473-5	65
1997	HIDden targets of microRNAs for growth control. <b>2003</b> , 28, 461-3	42
1996	MicroRNAs and cancer. <b>2003</b> , 13, 253-8	329
1995	The microRNA world: small is mighty. <b>2003</b> , 28, 534-40	261
1994	The Arabidopsis heterochronic gene ZIPPY is an ARGONAUTE family member. <b>2003</b> , 13, 1734-9	190

1993	microRNAs: runts of the genome assert themselves. <b>2003</b> , 13, R925-36	217
1992	Mammalian RNAi for the masses. <b>2003</b> , 19, 9-12	259
1991	Macro effects of microRNAs in plants. <b>2003</b> , 19, 13-6	50
1990	Worms, life, and death (Nobel lecture). <b>2003</b> , 4, 697-711	133
1989	RNA-interference-based silencing of mammalian gene expression. <b>2003</b> , 4, 1033-9	4
1988	MicroRNAs: key participants in gene regulatory networks. <b>2003</b> , 7, 516-23	104
1987	Hes1 is a target of microRNA-23 during retinoic-acid-induced neuronal differentiation of NT2 cells. <b>2003</b> , 423, 838-42	78
1986	The nuclear RNase III Drosha initiates microRNA processing. <b>2003</b> , 425, 415-9	3928
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1984	Structure and conserved RNA binding of the PAZ domain. <b>2003</b> , 426, 468-74	337
1983	A microRNA controlling left/right neuronal asymmetry in <i>Caenorhabditis elegans</i> . <b>2003</b> , 426, 845-9	634
1982	Molecular biology: microRNA is here to stay. <b>2003</b> , 425, 244-5	38
1981	Electronics: nanotechnology goes large. <b>2003</b> , 425, 244	26
1980	The power of the 3' UTR: translational control and development. <b>2003</b> , 4, 626-37	427
1979	A biochemical framework for RNA silencing in plants. <b>2003</b> , 17, 49-63	738
1978	Translation repression by antisense sequences. <b>2003</b> , 60, 854-61	44
1977	MicroRNA targets in <i>Drosophila</i> . <b>2003</b> , 5, R1	2206
1976	Exportin-5 mediates the nuclear export of pre-microRNAs and short hairpin RNAs. <b>2003</b> , 17, 3011-6	2037

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1974	A microRNA array reveals extensive regulation of microRNAs during brain development. <b>2003</b> , 9, 1274-81		834
1973	Association of an aminoacyl-tRNA synthetase with a putative metabolic protein in archaea. <b>2003</b> , 42, 7487-96		23
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1971	siRNAs can function as miRNAs. <b>2003</b> , 17, 438-42		935
1970	A uniform system for microRNA annotation. <b>2003</b> , 9, 277-9		1332
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1966	Asymmetry in the assembly of the RNAi enzyme complex. <i>Cell</i> , <b>2003</b> , 115, 199-208	56.2	2208
1965	Prediction of mammalian microRNA targets. <i>Cell</i> , <b>2003</b> , 115, 787-98	56.2	4144
1964	Coordinate regulation of small temporal RNAs at the onset of <i>Drosophila</i> metamorphosis. <b>2003</b> , 259, 1-8		102
1963	Conservation of the heterochronic regulator Lin-28, its developmental expression and microRNA complementary sites. <b>2003</b> , 258, 432-42		247
1962	The time of appearance of the <i>C. elegans</i> let-7 microRNA is transcriptionally controlled utilizing a temporal regulatory element in its promoter. <b>2003</b> , 259, 364-79		159
1961	Temporal regulation of microRNA expression in <i>Drosophila melanogaster</i> mediated by hormonal signals and broad-Complex gene activity. <b>2003</b> , 259, 9-18		255
1960	miSSING LINKS: miRNAs and plant development. <b>2003</b> , 13, 372-8		56
1959	Computational and experimental identification of <i>C. elegans</i> microRNAs. <b>2003</b> , 11, 1253-63		265
1958	The <i>C. elegans</i> hunchback homolog, hbl-1, controls temporal patterning and is a probable microRNA target. <b>2003</b> , 4, 639-50		283

1957	The <i>Caenorhabditis elegans</i> hunchback-like gene <i>lin-57/hbl-1</i> controls developmental time and is regulated by microRNAs. <b>2003</b> , 4, 625-37	296
1956	Embryonic stem cell-specific MicroRNAs. <b>2003</b> , 5, 351-8	938
1955	The small RNA profile during <i>Drosophila melanogaster</i> development. <b>2003</b> , 5, 337-50	770
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1950	Regulation of flowering time and floral organ identity by a MicroRNA and its APETALA2-like target genes. <b>2003</b> , 15, 2730-41	1469
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1944	Deletion derivatives of the MuDR regulatory transposon of maize encode antisense transcripts but are not dominant-negative regulators of mutator activities. <b>2003</b> , 15, 2430-47	10
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1940	RNA binding and intramolecular interactions modulate the regulation of gene expression by nuclear factor 110. <b>2003</b> , 9, 543-54	39



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1936	Tolerance for mutations and chemical modifications in a siRNA. <b>2003</b> , 31, 589-95	413
1935	Identification of <i>Drosophila</i> MicroRNA targets. <b>2003</b> , 1, E60	591
1934	RNA editing and regulation of <i>Drosophila</i> 4f-rnp expression by sas-10 antisense readthrough mRNA transcripts. <b>2003</b> , 9, 698-710	63
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1931	RNA interference in functional genomics and medicine. <b>2003</b> , 18, 309-18	40
1930	Profiling microRNA expression using sensitive cDNA probes and filter arrays. <b>2004</b> , 37, 574-6, 578-80	21
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1927	Sequence-specific inhibition of small RNA function. <b>2004</b> , 2, E98	530
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1925	The <i>C. elegans</i> heterochronic gene <i>lin-46</i> affects developmental timing at two larval stages and encodes a relative of the scaffolding protein gephyrin. <b>2004</b> , 131, 2049-59	35
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1923	Regeneration and the need for simpler model organisms. <b>2004</b> , 359, 759-63	44
1922	Expression of PACT and EIF2C2, Implicated in RNAi and MicroRNA pathways, in various human cell lines. <b>2004</b> , 8, 213-220	

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1919	Patterns of flanking sequence conservation and a characteristic upstream motif for microRNA gene identification. <b>2004</b> , 10, 1309-22	138
1918	Tethering of human Ago proteins to mRNA mimics the miRNA-mediated repression of protein synthesis. <b>2004</b> , 10, 1518-25	289
1917	Identification of 20 microRNAs from <i>Oryza sativa</i> . <b>2004</b> , 32, 1688-95	121
1916	"siRNAs and miRNAs": a meeting report on RNA silencing. <b>2004</b> , 10, 1165-73	10
1915	Distinct roles for Argonaute proteins in small RNA-directed RNA cleavage pathways. <b>2004</b> , 18, 1655-66	619
1914	Trans-splicing and polyadenylation of let-7 microRNA primary transcripts. <b>2004</b> , 10, 1586-94	129
1913	Exportin 5 is a RanGTP-dependent dsRNA-binding protein that mediates nuclear export of pre-miRNAs. <b>2004</b> , 10, 185-91	965
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1908	Substrate requirements for let-7 function in the developing zebrafish embryo. <b>2004</b> , 32, 6284-91	184
1907	Enhancement of hypoxia-induced tumor cell death in vitro and radiation therapy in vivo by use of small interfering RNA targeted to hypoxia-inducible factor-1alpha. <b>2004</b> , 64, 8139-42	107
1906	<i>Caenorhabditis elegans</i> functional genomics: omic resonance. <b>2004</b> , 3, 26-34	
1905	Enhanced gene silencing of HIV-1 specific siRNA using microRNA designed hairpins. <b>2004</b> , 32, 1154-8	189
1904	Sensitive and specific detection of microRNAs by northern blot analysis using LNA-modified oligonucleotide probes. <b>2004</b> , 32, e175	665

1903	Development of a micro-array to detect human and mouse microRNAs and characterization of expression in human organs. <b>2004</b> , 32, e188	268
1902	MicroRNA-143 regulates adipocyte differentiation. <b>2004</b> , 279, 52361-5	771
1901	Structural features of microRNA (miRNA) precursors and their relevance to miRNA biogenesis and small interfering RNA/short hairpin RNA design. <b>2004</b> , 279, 42230-9	137
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1890	Engineered riboregulators enable post-transcriptional control of gene expression. <b>2004</b> , 22, 841-7	443
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1888	Cancer drug discovery: the wisdom of imprecision. <b>2004</b> , 10, 1298-9	8
1887	Taking sides in the nervous system with miRNA. <b>2004</b> , 7, 100-2	1
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1883	Molecular mechanisms of translational control. <b>2004</b> , 5, 827-35	687
1882	The revolution of the biology of the genome. <b>2004</b> , 14, 1-7	8
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1876	Revealing the world of RNA interference. <b>2004</b> , 431, 338-42	744
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