

# Available microRNA Microarray Arrays

Content - Sanger miRBase Version 17.0 April 26th, 2011



Species (miRNA precursor count)	Symbol	Common Name	Database Entries	LC Sciences V17 Arrays Sequence Coverage
+- Chromalveolata				
+- Heterokontophyta				
+- Ectocarpus siliculosus (26)	esi	Brown algae	26	100%
+- Metazoa				
+- Bilateria				
+- Deuterostoma				
+- Chordata				
+- Cephalochordata				
+- Branchiostoma floridae (155)	bfl	Florida lancet	155	100%
+- Urochordata				
+- Ciona intestinalis (331)	cin	Vase tunicate	331	100%
+- Ciona savignyi (27)	csa	Pacific transparent sea squirt	27	100%
+- Oikopleura dioica (66)	odi	Tunicate	66	100%
+- Vertebrata				
+- Agnathostomata				
+- Petromyzon marinus (244)	pma	Sea Lamprey	244	100%
+- Amphibia				
+- Xenopus laevis (22)	xla	Frog	22	100%
+- Xenopus tropicalis (186)	xtr	Pipid frog	186	100%
+- Aves				
+- Gallus gallus (499)	gga	Chicken	499	100%
+- Taeniopygia guttata (220)	tgu	Zebra Finch	220	100%
+- Mammalia				
+- Carnivora				
+- Canis familiaris (323)	cfa	Dog	323	100%
+- Laurasiatheria				
+- Equus caballus (341)	eca	Horse	341	100%
+- Metatheria				
+- Monodelphis domestica (157)	mdo	Gray Short-tailed opossum	157	100%
+- Primates				
+- Atelidae				
+- Ateles geoffroyi (60)	age	Spider monkey	60	100%
+- Lagothrix lagotricha (48)	lla	Woolly monkey	48	100%
+- Cebidae				
+- Saguinus labiatus (42)	sla	White-lipped tamarin	42	100%
+- Cercopitheciidae				
+- Macaca mulatta (479)	mml	Rhesus monkey	479	100%
+- Macaca nemestrina (74)	mne	Pig-tailed macaque	74	100%
+- Pygathrix bieti (11)	pbi	Black snub-nosed monkey	11	100%
+- Hominidae				
+- Gorilla gorilla (85)	ggo	Gorilla	85	100%
+- Homo sapiens (1424)	hsa	Human	1424	100%
+- Pan paniscus (88)	ppa	Pygmy chimpanzee	88	100%
+- Pan troglodytes (600)	ptr	Common chimpanzee	600	100%
+- Pongo pygmaeus (581)	ppy	Orangutan	581	100%

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+ Symphalangus syndactylus (11)	ssy	Siamang	11	100%
+- Lemuridae				
+ Lemur catta (16)	lca	Ring-tailed lemur	16	100%
+- Prototheria				
+ Ornithorhynchus anatinus (337)	oan	Platypus	337	100%
+- Rodentia				
+ Cricetulus griseus (2)	cgr	Chinese hamster	2	100%
+ Mus musculus (720)	mmu	Mouse	720	100%
+ Rattus norvegicus (408)	rno	Rat	408	100%
+- Ruminantia				
+ Bos taurus (662)	bta	Cow	662	100%
+ Ovis aries (55)	oar	Sheep	55	100%
+- Suina				
+ Sus scrofa (228)	ssc	Pig	228	100%
+- Pisces				
+ Danio rerio (358)	dre	Zebrafish	358	100%
+ Fugu rubripes (131)	fru	Fugu pufferfish	131	100%
+ Oryzias latipes (16)	ola	Japanese killifish	16	100%
+ Tetraodon nigroviridis (132)	tni	Tetraodon pufferfish	132	100%
+ Echinodermata				
+ Strongylocentrotus purpuratus (57)	spu	Purple sea urchin	57	100%
+ Hemichordata				
+ Saccoglossus kowalevskii (90)	sko	Acorn worm	90	100%
+ Xenoturbella bocki (8)	xbo	Bilaterian worm	8	100%
+- Ecdysozoa				
+- Arthropoda				
+- Chelicerata				
+ Ixodes scapularis (37)	isc	Deer tick	37	100%
+- Crustacea				
+ Daphnia pulex (45)	dpu	Water flea	45	100%
+- Hexapoda				
+ Acyrthosiphon pisum (123)	api	Pea aphid	123	100%
+ Aedes aegypti (101)	aae	Yellow fever mosquito	101	100%
+ Anopheles gambiae (67)	aga	Mosquito	67	100%
+ Apis mellifera (174)	ame	Honeybee	174	100%
+ Bombyx mori (487)	bmo	Silk worm	487	100%
+ Culex quinquefasciatus (72)	dan	Culex mosquito	72	100%
+ Drosophila ananassae (76)	der	Drosophila ananassae	76	100%
+ Drosophila erecta (81)	dgr	Drosophila erecta	81	100%
+ Drosophila grimshawi (82)	dme	Drosophila grimshawi	82	100%
+ Drosophila melanogaster (238)	dmo	Fruit fly	238	100%
+ Drosophila mojavensis (71)	dpe	Drosophila mojavensis	71	100%
+ Drosophila persimilis (75)	dps	Drosophila persimilis	75	100%
+ Drosophila pseudoobscura (211)	dse	Drosophila pseudoobscura	211	100%
+ Drosophila sechellia (78)	dsi	Drosophila sechellia	78	100%
+ Drosophila simulans (136)	dvi	Drosophila simulans	136	100%
+ Drosophila virilis (74)	dwi	Drosophila virilis	74	100%
+ Drosophila willistoni (77)	dya	Drosophila willistoni	77	100%
+ Drosophila yakuba (80)	lmi	Drosophila yakuba	80	100%

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+ Heliconius melpomene (2)	tca	Postman butterfly	2	100%
+ Locusta migratoria (7)	lmi	Migratory locust	7	100%
+ Nasonia giraulti (32)	ngi	Jewel wasps	32	100%
+ Nasonia longicornis (28)	nlo	Jewel wasps	28	100%
+ Nasonia vitripennis (53)	nvi	Jewel wasps	53	100%
+ Tribolium castaneum (206)	tca	Red flour beetle	206	100%
<b>+ Mandibulata</b>				
+ Strigamia maritima (4)	smr	Marine centipede	4	100%
<b>+ Nematoda</b>				
+ Brugia malayi (32)	bma	B. malayi	32	100%
+ Caenorhabditis briggsae (140)	cbr	C. briggsae	140	100%
+ Caenorhabditis elegans (207)	cel	C. elegans	207	100%
+ Caenorhabditis remanei (109)	crm	C. remanei	109	100%
+ Pristionchus pacificus (124)	ppc	P. pacificus	124	100%
<b>+ Lophotrochozoa</b>				
<b>+ Annelida</b>				
+ Capitella teleta (125)	cap	Capitella sp. I	125	100%
<b>+ Brachiopoda</b>				
+ Glottidia pyramidata (0)		Lamp shell	0	
+ Terebratulina retusa (0)		Lamp shell	0	
<b>+ Mollusca</b>				
+ Haliotis rufescens (5)	hru	Red abalone	5	100%
+ Lottia gigantea (60)	lgi	Owl limpet	60	100%
<b>+ Nemertea</b>				
+ Cerebratulus lacteus (2)	cla	Milky ribbon worms	2	100%
<b>+ Platyhelminthes</b>				
+ Echinococcus granulosus (23)	egr	Hyper tapeworm	23	100%
+ Echinococcus multilocularis (22)	emu	Cyclophyllid tapeworm	22	100%
+ Schistosoma japonicum (55)	sja	Blood fluke	55	100%
+ Schistosoma mansoni (5)	sma	Blood fluke	5	100%
+ Schmidtea mediterranea (148)	sme	Planarian	148	100%
<b>+ Cnidaria</b>				
+ Hydra magnipapillata (17)	hma	Fresh water polyp	17	100%
+ Nematostella vectensis (49)	nve	Starlet sea anemone	49	100%
<b>+ Porifera</b>				
+ Amphimedon queenslandica (8)	aqu	Sea sponge	8	100%
<b>+ Mycetozoa</b>				
+ Dictyostelium discoideum (2)	ddi	Soil-living ameoba	2	100%
<b>+ Viridiplantae</b>				
<b>+ Chlorophyta</b>				
+ Chlamydomonas reinhardtii (50)	cre	Algae	50	100%
<b>+ Coniferophyta</b>				
+ Picea abies (40)	pab	Norway spruce	40	100%
+ Pinus taeda (37)	pta	Loblolly pine	37	100%
<b>+ Embryophyta</b>				
+ Physcomitrella patens (229)	ppt	Moss	229	100%
+ Selaginella moellendorffii (58)	smo	Spikemoss	58	100%
<b>+ Magnoliophyta</b>				
<b>+ eudicotyledons</b>				

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+- Brassicaceae				
+ Arabidopsis lyrata (201)	aly	Lyre-leaved rock-cress	201	100%
+ Arabidopsis thaliana (232)	ath	Mouseear cress	232	100%
+ Brassica napus (46)	bna	Mustard	46	100%
+ Brassica oleracea (6)	bol	Wild mustard	6	100%
+ Brassica rapa (19)	bra	Field mustard	19	100%
+- Caricaceae				
+ Carica papaya (1)	cpa	Papaya	1	100%
+- Cucurbitaceae				
+ Cucumis melo (0)		Cantaloupe	0	
+- Cupressaceae				
+ Cunninghamia lanceolata (0)		Chinafir	0	
+- Euphorbiaceae				
+ Ricinus communis (63)	rco	Castor oil	63	100%
+- Fabaceae				
+ Arachis hypogaea (23)	ahy	Peanut	23	100%
+ Glycine max (203)	gma	Soybean	203	100%
+ Glycine soja (13)	gso	Wild soybean	13	100%
+ Lotus japonicus (3)	lja	Miyakogusa legume	3	100%
+ Medicago truncatula (375)	mtr	M. truncatula	375	100%
+ Phaseolus vulgaris (8)	pvu	Green bean	8	100%
+ Vigna unguiculata (2)	vun	Yardlong bean	2	100%
+- Lamiales				
+ Rehmannia glutinosa (6)	rgl	Sheng di huang	6	100%
+- Malvaceae				
+ Gossypium arboretum (1)	gar	Tree cotton	1	100%
+ Gossypium herbacium (1)	ghb	Levant cotton	1	100%
+ Gossypium hirsutum (34)	ghr	Mexican cotton	34	100%
+ Gossypium raimondii (4)	gra	G. raimondii	4	100%
+ Theobroma cacao (82)	tcc	Cacao tree	82	100%
+- Papaveraceae				
+ Papaver somniferum (0)		Opium poppy	0	
+- Ranunculaceae				
+ Aquilegia caerulea (45)	aqc	Columbine	45	100%
+- Rhizophoraceae				
+ Bruguiera cylindrica (0)		White burma mangrove	0	
+ Bruguiera gymnorrhiza (0)		Black mangrove	0	
+- Rosaceae				
+ Malus domestica (1)	mdm	Apple	1	100%
+- Rutaceae				
+ Citrus clementine (5)	ccl	Clementine	5	100%
+ Citrus reticulata (4)	crt	Mandarin orange	4	100%
+ Citrus sinensis (60)	csi	Sweet orange	60	100%
+ Citrus trifoliata (6)	ctr	Trifoliata orange	6	100%
+- Salicaceae				
+ Populus euphratica (5)	peu	Asian poplar	5	100%
+ Populus trichocarpa (234)	ptc	Balsam poplar	234	100%
+- Solanaceae				
+ Solanum lycopersicum (36)	sly	Tomato	36	100%

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+- Vitaceae				
+- Vitis vinifera (163)	vvi	Grape	163	100%
+- monocotyledons				
+- Aegilops tauschii (2)	ata	Tausch's goatgrass	2	100%
+- Brachypodium distachyon (139)	bdi	Purple false brome	139	100%
+- Festuca arundinacea (15)	far	Tall fescue	15	100%
+- Hordeum vulgare (22)	hvu	Barley	22	100%
+- Oryza sativa (491)	osa	Rice	491	100%
+- Saccharum officinarum (16)	sof	Sugarcane	16	100%
+- Saccharum spp. (18)	ssp	Sugarcane	18	100%
+- Sorghum bicolor (148)	sbi	Sorghum	148	100%
+- Triticum aestivum (44)	tae	Wheat	44	100%
+- Triticum turgidum (1)	ttu	Rivet wheat	1	100%
+- Zea mays (170)	zma	Corn	170	100%
+- Viruses				
+- BK polyomavirus (1)	bkv	BK polyomavirus	1	100%
+- Bandicoot papillomatosis carcinomatosis virus type 1 (1)	bpcv1	BPCV1	1	100%
+- Bandicoot papillomatosis carcinomatosis virus type 2 (1)	bpcv2	BPCV2	1	100%
+- Bovine herpesvirus 1 (10)	bhv1	Bovine herpesvirus 1	10	100%
+- Epstein Barr virus (25)	ebv	Epstein barr virus	25	100%
+- Herpes B virus (3)	hbv	Herpes B virus	3	100%
+- Herpes Simplex Virus 1 (16)	hsv1	Herpes simplex virus 1	16	100%
+- Herpes Simplex Virus 2 (18)	hsv2	Herpes Simplex Virus 2	18	100%
+- Herpesvirus of turkeys (17)	hvt	Herpesvirus of turkeys	17	100%
+- Human cytomegalovirus (11)	hcmv	Human cytomegalovirus	11	100%
+- Human immunodeficiency virus 1 (3)	hiv1	Human immunodeficiency virus 1	3	100%
+- Infectious laryngotracheitis virus (7)	iltv	Infectious laryngotracheitis virus	7	100%
+- JC polyomavirus (1)	jcv	JC polyomavirus	1	100%
+- Kaposi sarcoma-associated herpesvirus (13)	kshv	Kaposi sarcoma-associated herpesvirus	13	100%
+- Mareks disease virus (14)	mdv1	Mareks disease virus	14	100%
+- Mareks disease virus type 2 (18)	mdv2	Mareks disease virus type 2	18	100%
+- Merkel cell polyomavirus (1)	mcv	Merkel cell polyomavirus	1	100%
+- Mouse cytomegalovirus (18)	mcmv	Mouse cytomegalovirus	18	100%
+- Mouse gammaherpesvirus 68 (15)	mghv	Mouse gammaherpesvirus 68	15	100%
+- Rhesus lymphocryptovirus (36)	rlcv	Rhesus lymphocryptovirus	36	100%
+- Rhesus monkey rhadinovirus (7)	rrv	Rhesus monkey rhadinovirus	7	100%
+- Simian virus 40 (1)	sv40	Simian virus 40	1	100%