

OncoMir Library	Cancer Type	Target Gene
hsa-let-7a-1	Breast Cancer , Lung Cancer	H-RAS, HMGA2, CDK6, NRAS
hsa-let-7a-2	Breast Cancer , Lung Cancer	H-RAS, HMGA2, CDK6, NRAS
hsa-let-7a-3	Breast Cancer , Lung Cancer	IGF-II, IGFBP-3
hsa-let-7b	Breast Cancer , Lung Cancer	TLX, CyclinD1
hsa-let-7c	Breast Cancer , Lung Cancer, prostate Cancer	BCI-XL
hsa-let-7d	Head and Neck Squamous Cell Carcinoma	D3R
hsa-let-7e	Breast Cancer , Lung Cancer	H-RAS, HMGA2, CDK6, NRAS
hsa-let-7f-1	Breast Cancer , Lung Cancer, renal cell carcinoma	H-RAS, HMGA2, CDK6, NRAS
hsa-let-7f-2	Breast Cancer , Lung Cancer	H-RAS, HMGA2, CDK6, NRAS
hsa-let-7g	Breast Cancer , Lung Cancer	BCI-XL
hsa-let-7i	Breast Cancer , Lung Cancer	TLRs
hsa-miR-1-1	Liver Cancer	HDAC4, FOXp1
hsa-miR-7-1	Lung, breast, and glioblastoma	p21-activated kinase 1, EGFR
hsa-miR-7-2	Lung, breast, and glioblastoma	p21-activated kinase 1, EGFR
hsa-miR-7-3	Lung, breast, and glioblastoma	p21-activated kinase 1, EGFR
hsa-miR-9-1	Breast Cancer , Lung Cancer	E cadherin
hsa-miR-10a	Breast Cancer	HOXD10
hsa-miR-10b	Breast Cancer	HOXD10
hsa-miR-15a	Prostrate Cancer	BCI2
hsa-miR-15b	Prostrate Cancer	BCI2
hsa-miR-16-1	Prostrate Cancer	BCI2
hsa-miR-16-2	Prostrate Cancer	BCI2
hsa-miR-17	Breast Cancer	Pten, AIB1
hsa-miR-18a	Breast Cancer	Pten
hsa-miR-18b	Breast Cancer	Pten
hsa-miR-19a	Breast Cancer	Pten
hsa-miR-19b-2	Breast Cancer	Pten
hsa-miR-20a	Prostrate Cancer ,Breast Cancer	E2F1-3
hsa-miR-20b	Breast Cancer	VEGF B
hsa-miR-21	Breast Cancer	PTEN, TPM1, PDCD4, Maspin
hsa-miR-22	Breast Cancer	estrogen receptor α

hsa-miR-23a	Prostrate Cancer and Lymphoma	E3 ubiquitin ligase MAFbx/atrogen-1
hsa-miR-23b	Prostrate Cancer	LaminB1
hsa-miR-24 -1	Prostrate Cancer	FAF1
hsa-miR-24 -2	Prostrate Cancer	FAF2
hsa-miR-25	Gastric, Prostrate, Pancreatic, Multiple Myeloma	Integrin α V
hsa-miR-26a-1	Leukemia, Pancreatic Cancer	CCL19
hsa-miR-26a-2	Leukemia, Pancreatic Cancer	CCL19
hsa-miR-26b	Bladder Cancer, Pancreatic Cancer	IL-6
hsa-miR-27a	Breast Cancer, Skin Cancer	ZBTB10, Myt-1, TSP1
hsa-miR-27b	Breast Cancer, Skin Cancer	ZBTB10, Myt-1, TSP2
hsa-miR-29a	Lung Cancer	TPP
hsa-miR-29b-1	B-Cell malignancy	MCL
hsa-miR-29b-2	B-Cell malignancy	MCL
hsa-miR-29c	Nasopharyngeal Carcinoma	Extracellular Matrix Proteins
hsa-miR-30a	Lung Cancer	TIMP2
hsa-miR-30b	Pancreatic Cancer	Prostein
hsa-miR-30c-1	Breast Cancer	Pten
hsa-miR-34a	Liver Cancer	c-Met
hsa-miR-92a-1	Breast Cancer	Integrin α V
hsa-miR-92a-2	Breast Cancer	Integrin α V
hsa-miR-95	Prostrate Cancer	Toll receptor6
hsa-miR-101	Prostrate Cancer	EZH2
hsa-miR-103-1	Bladder Cancer, Pancreatic Cancer	ARNT
hsa-miR-106a	Gastric Carcinoma	IL-10
hsa-miR-106b	Prostrate	E2F1-3
hsa-miR-107	Colon Cancer, Pancreatic Cancer	HIF-1
hsa-miR-122	Liver Cancer	BCl-w, Cyclin G1
hsa-miR-124-1	Lung Cancer	Integrin β V
hsa-miR-124-2	Lung Cancer	Integrin β V
hsa-miR-124-3	Lung Cancer	Integrin β V
hsa-miR-125a	Ovarian Cancer	EFGR
hsa-miR-125b-1	Prostrate, Leukemia	Bak1 / VEGF A
hsa-miR-125b-2	Prostrate, Leukemia	Bak1 / VEGF A

hsa-miR-126	Prostrate	prostein
hsa-miR-127	Leukemia	CXCR5
hsa-miR-128-1	Leukemia	VEGF B
hsa-miR-128-2	Leukemia	VEGF B
hsa-miR-133a-1	Prostrate Cancer	Rho
hsa-miR-133a-2	Prostrate Cancer	Rho
hsa-miR-133b	esophageal squamous cell carcinoma	FSCN1
hsa-miR-134	Lung Cancer	LIMK1
hsa-miR-135b	Co-rectal Cancer	HIF-1
hsa-miR-136	Lung Cancer	thrombospin-2
hsa-miR-137	Liver Cancer	MITF
hsa-miR-138-1	anaplastic thyroid carcinoma	hTERT
hsa-miR-138-2	anaplastic thyroid carcinoma	hTERT
hsa-miR-139	Colorectal cancer	β - Catenin
hsa-miR-140	Colon Cancer	HDAC4
hsa-miR-141	Human Ovarian cancer, gastic cancer	TGF β 2
hsa-miR-142	Lung Cancer	adenylyl cyclase (AC) 9
hsa-miR-143	B-Cell melignancy	ERK-5
hsa-miR-144	Skin Cancer	unknown
hsa-miR-145	Breast Cancer	C-myc,
hsa-miR-146a	Prostrate Cancer	ROCK1
hsa-miR-150	Gastric Cancer	P2X ₇
hsa-miR-151	Colon Cancer	<i>RhoGDI</i> ,
hsa-miR-153-1	Lung Cancer	Bcl-2, Mcl-1
hsa-miR-153-2	Lung Cancer	Bcl-2, Mcl-1
hsa-miR-154	Lung Cancer	myc, sp1 , sp3
hsa-miR-155	Breast Cancer	TP53-INP1
hsa-miR-181a-1	Breast Cancer, Pancreatic Cancer, Leukemia	Hox A11
hsa-miR-181a-2	Breast Cancer, Pancreatic Cancer, Leukemia	unknown
hsa-miR-181b-1	Acute Lymphoblastic Leukemia, Breast Cancer	BCL2
hsa-miR-181b-2	Acute Lymphoblastic Leukemia, Breast Cancer	BCL2
hsa-miR-181c	Pancreatic Cancer	Notch4, KRAS

hsa-miR-181d	Leukemia	unknown
hsa-miR-183	Skin Cancer	FOXO3
hsa-miR-185	Lung Cancer	unknown
hsa-miR-188	Ovarian Tumor	unknown
hsa-miR-190	Pancreatic Cancer	myc
hsa-miR-191	Prostrate Cancer	unknown
hsa-miR-192	Stomach Cancer, Pancreatic Cancer	SIP1
hsa-miR-194 -1	Liver Cancer	unknown
hsa-miR-194 -2	Liver Cancer	unknown
hsa-miR-195	Lymphoma	Rb-E2F signaling Pathway
hsa-miR-196a-1	B-Cell malignancy	AnnexinA-1
hsa-miR-196a-2	B-Cell malignancy	AnnexinA-1
hsa-miR-198	Lung Cancer	Cyclin T1
hsa-miR-199a-2	Lung Cancer, Pancreatic Cancer	TIMP3
hsa-miR-200a	Colorectal cancer	β - Catenin
hsa-miR-200b	Liver Cancer	ZFHX1B
hsa-miR-200c	Lung Cancer, Breast Cancer	E cadherin
hsa-miR-202	Gastric Carcinoma	Unknown
hsa-miR-203	Pancreatic Cancer, Gastric Carcinoma	p63 family
hsa-miR-204	Pancreatic Cancer	PDEF
hsa-miR-205	Breast Cancer	MED1
hsa-miR-206	Breast Cancer	ER- α
hsa-miR-210	Breast Cancer and Melanoma tumors	MNT
hsa-miR-214	Ovarian Cancer	PTEN
hsa-miR-215	Colon Cancer	Thymidine synthase
hsa-miR-218-1	Gastric Carcinoma	Robo1 receptor
hsa-miR-218-2	Gastric Carcinoma	Robo1 receptor
hsa-miR-219-1	Myeloma	NMDA receptor
hsa-miR-219-2	Myeloma	NMDA receptor
hsa-miR-221	Prostrate Cancer , Liver Cancer	p27/kip1, P57
hsa-miR-222	Prostrate Cancer	p27/kip1
hsa-miR-223	Liver Cancer	stathmin
hsa-miR-224	Pancreatic Cancer, Liver Cancer	apoptosis inhibitor-5

hsa-miR-296	Lung Cancer	Human Growth Factor
hsa-miR-326	Breast Cancer	MDR
hsa-miR-331	Prostrate Cancer	ERBB-2
hsa-miR-335	Breast Cancer	SOX4, PTPRN2, MERTK, TNC, ER- α
hsa-miR-372	Gastric Carcinoma	LATS2
hsa-miR-373	esophageal cancer	LATS2
hsa-miR-375	Pancreatic Cancer	PI 3-kinase
hsa-miR-424	Leukemia	transcription factor PU.1
hsa-miR-425	Ovarian	unknown
hsa-miR-486	Pancreatic Cancer	MRTF-A
hsa-miR-488	Lung Cancer	unknown