

Supplementary table 3. List of the 252 miRNAs identified after full text review. Gene Target predicted by miRgator 3.0 and differentially expressed among the reviewed articles are shown. Upregulated genes are shown in bold. *Gene targets indicated by the authors.

miRNA	sense of expression	Gene target	Author	Configuration
MIR1	Downregulated	PNP,TIMP3,CTSC,PIM1,TRIM2	Coffey et al, 2016	TAV
MIR103a-3p	Downregulated	--	Coffey et al, 2016	TAV
MIR106a-5p	Downregulated	RUNX1	Coffey et al, 2016	TAV
	N.D.	RUNX1,CXCL8*	Qiao et al, 2022	TAV
MIR106b-3p	Downregulated	--	Coffey et al, 2016	TAV
MIR107	Downregulated	NFIA,HIF1A	Coffey et al, 2016	TAV
MIR1180-3p	Downregulated	--	Coffey et al, 2016	TAV
MIR1185-1-3p	N.D.	VCAM1*	Qiao et al, 2022	TAV
MIR1185-2-3p	N.D.	VCAM1*	Qiao et al, 2022	TAV
MIR1202	Downregulated	--	Coffey et al, 2016	TAV
MIR1205	N.D.	SYK*	Qiao et al, 2022	TAV
MIR1207-5p	Downregulated	--	Coffey et al, 2016	TAV
MIR1225-5p	Downregulated	--	Coffey et al, 2016	TAV
MIR122-5p	Downregulated	NCAM1, CCNG1	Coffey et al, 2016	TAV
MIR124-3p	Downregulated	CDK4,NEK6,CHODL,GSN,LDLR,MYO10,SURF4	Coffey et al, 2016	TAV
MIR1245	Downregulated	--	Jiao et al, 2019	TAV
MIR1246	Downregulated	--	Coffey et al, 2016	TAV
MIR125b-2-3p	Downregulated	--	Coffey et al, 2016	TAV
		--	Qiao et al, 2022	TAV
MIR1263	Upregulated	--	Coffey et al, 2016	TAV
MIR1271-5p	Downregulated	--	Coffey et al, 2016	TAV
MIR1275	Upregulated	--	Coffey et al, 2016	TAV
MIR1277-5p	N.D.	VCAM*,CXCL12*	Qiao et al, 2022	TAV
MIR128-3p	Downregulated	--	Coffey et al, 2016	TAV
MIR1284	N.D.	VCAM1*	Qiao et al, 2022	TAV
MIR1287-5p	Downregulated	--	Coffey et al, 2016	TAV
		--	Qiao et al, 2022	TAV
MIR1294	N.D.	CXCL8*	Qiao et al, 2022	TAV
MIR130a-5p	N.D.	VCAM*,CXCL12*	Qiao et al, 2022	TAV
MIR1323	N.D.	PLEK*	Qiao et al, 2022	TAV
MIR133a-3p	Downregulated	--	Coffey et al, 2016	TAV
MIR133b	Downregulated	KLF15	Coffey et al, 2016	TAV
		--	Qiao et al, 2022	TAV
MIR137	N.D.	--	Qiao et al, 2022	TAV
		KIT*	Qiao et al, 2022	TAV
MIR138	Downregulated	--	Lu et al, 2019	TAV
		--	Qiao et al, 2022	TAV
MIR139-5p	Downregulated	--	Coffey et al, 2016	TAV
MIR140-3p	Downregulated	--	Coffey et al, 2016	TAV
MIR141-3p	N.D.	TGFB2,CXCL12*,PLEK*	Qiao et al, 2022	TAV
MIR142	Upregulated	--	Schlotter et al, 2018	TAV
MIR143-3p	Upregulated	--	Coffey et al, 2016	TAV
MIR144-3p	N.D.	CXCL12*	Qiao et al, 2022	TAV
MIR146a-5p	N.D.	CDKN3,EGFR,NFKB1,CXCR4,ATOH8,CCL5*	Qiao et al, 2022	TAV
MIR146b-5p	N.D.	NFKB1,CCL5*	Qiao et al, 2022	TAV
MIR149-3p	N.D.	CSF1R*	Qiao et al, 2022	TAV
MIR149-5p	Downregulated	--	Coffey et al, 2016	TAV
		--	Qiao et al, 2022	TAV

miRNA	sense of expression	Gene target	Author	Configuration
MIR155	Upregulated	--	Bossé et al, 2009	TAV
MIR155-5p	N.D.	PAPOLA,AGTR1, FGF7 ,LPL, MYO10 , BCAT1 ,PHF17, RUNX2 , CSF1R *	Qiao et al, 2022	TAV
MIR16-5p	Downregulated	KCNN4 ,PTGS2, CA12 , IFRD1 ,EGFR, ARHGDIA , SLC16A3	Coffey et al, 2016	TAV
MIR17-5p	Downregulated	RBL2,CCND2, THBS1 , RUNX1	Coffey et al, 2016 Qiao et al, 2022	TAV TAV
MIR181a-2-3p	Downregulated	--	Coffey et al, 2016	TAV
MIR181a-5p	N.D.	ESR1,SPP1*	Qiao et al, 2022	TAV
MIR181b-5p	N.D.	ESR1,TIMP3,SPP1*	Qiao et al, 2022	TAV
MIR181c-5p	N.D.	SPP1*	Qiao et al, 2022	TAV
MIR181d-5p	N.D.	SPP1*	Qiao et al, 2022	TAV
MIR1825	N.D.	KIT*	Qiao et al, 2022	TAV
MIR182-5p	Downregulated	TSC22D3,FOXO1	Coffey et al, 2016	TAV
MIR185-5p	Downregulated	--	Coffey et al, 2016	TAV
MIR18a-5p	Downregulated	ESR1, THBS1	Coffey et al, 2016	TAV
MIR18b-5p	Downregulated	ESR1	Coffey et al, 2016	TAV
MIR190a-3p	N.D.	VCAM1*	Qiao et al, 2022	TAV
MIR191-5p	Downregulated	--	Coffey et al, 2016	TAV
MIR192-5p	Downregulated	--	Coffey et al, 2016	TAV
MIR193b-3p	N.D.	ESR1,KIT*	Qiao et al, 2022	TAV
MIR194-5p	Downregulated	--	Coffey et al, 2016	TAV
MIR195	Downregulated	VWF	Yang et al	BAV - TAV
MIR1973	Downregulated	--	Coffey et al, 2016	TAV
MIR197-3p	Downregulated	-- SYK *	Coffey et al, 2016 Qiao et al, 2022	TAV TAV
MIR199a-3p	Upregulated	CD44	Coffey et al, 2016	TAV
MIR199a-5p	Upregulated	--	Coffey et al, 2016	TAV
MIR199b-3p	Upregulated	--	Coffey et al, 2016	TAV
MIR19b-3p	Downregulated	ESR1	Coffey et al, 2016	TAV
MIR200a-3p	N.D.	CXCL12 *, PLEK *	Qiao et al, 2022	TAV
MIR200c-3p	Downregulated	FN1	Coffey et al, 2016	TAV
MIR204	Downregulated	IL11 ,SERPINE1,MEIS2, IL1B ,CTSC	Song et al	TAV
MIR206	Downregulated	ESR1, NOTCH3 ,TAC1	Coffey et al, 2016	TAV
MIR20a-5p	Downregulated	HIF1A ,RBL2, THBS1 , RUNX1 ,CCND2	Coffey et al, 2016	TAV
MIR20b-5p	Downregulated	ESR1,BAMBI, HIF1A	Coffey et al, 2016	TAV
MIR21-5p	Upregulated	TIMP3, TGFB1 , SLC16A10	Coffey et al, 2016	TAV
MIR2110	Downregulated	--	Coffey et al, 2016	TAV
MIR2117	N.D.	SPP1*	Qiao et al, 2022	TAV
MIR214-3p	Downregulated	--	Coffey et al, 2016	TAV
MIR216a-5p	Upregulated	--	Coffey et al, 2016	TAV
MIR221-3p	N.D. Upregulated	NAIP ,ESR1, CORO1A , CXCL12 *,KIT* NAIP ,ESR1, CORO1A	Qiao et al, 2022 Coffey et al, 2016	TAV TAV
MIR222-3p	N.D. Upregulated	ESR1, SOD2 , CORO1A ,KIT* ESR1, SOD2 , CORO1A	Qiao et al, 2022 Coffey et al, 2016	TAV TAV
MIR22-3p	N.D.	ESR1, CSF1R *	Qiao et al, 2022	TAV
MIR224-3p	N.D.	TLR8 *	Qiao et al, 2022	TAV
MIR23a-3p	N.D.	VCAM*, CXCL12 *	Qiao et al, 2022	TAV
MIR23b-3p	N.D.	VCAM*, CXCL12 *	Qiao et al, 2022	TAV
MIR23c	N.D.	VCAM*, CXCL12 *	Qiao et al, 2022	TAV
MIR24-2	N.D.	FURIN, TGFB1 ,CDK4	Kossar et al, 2020	TAV
MIR27a-3p	N.D.	SPRY2,FOXO1, RUNX1 ,SYK*	Qiao et al, 2022	TAV
MIR27a-5p	Upregulated	--	Coffey et al, 2016	TAV
MIR27b-3p	N.D.	EDNRA ,SYK*	Qiao et al, 2022	TAV

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	Upregulated	EDNRA	Coffey et al, 2016	TAV
MIR296-3p	N.D.	CX3CR1*	Qiao et al, 2022	TAV
MIR302a-3p	N.D.	CDK4,TAC1,CXCL8*	Qiao et al, 2022	TAV
MIR302c-3p	N.D.	ESR1,CXCL8*	Qiao et al, 2022	TAV
MIR302d-3p	N.D.	CCND2,NR4A2,CXCL8*	Qiao et al, 2022	TAV
MIR30d-5p	Downregulated	--	Coffey et al, 2016	TAV
MIR30e-5p	Downregulated	--	Coffey et al, 2016	TAV
MIR3120-3p	N.D.	TLR8*	Qiao et al, 2022	TAV
MIR3124-5p	Upregulated	--	Coffey et al, 2016	TAV
MIR3128	Upregulated	--	Coffey et al, 2016	TAV
MIR3129-5p	N.D.	CXCL12*	Qiao et al, 2022	TAV
MIR31-5p	N.D.	CXCL12*,PPBP*	Qiao et al, 2022	TAV
	Upregulated	CXCL12	Coffey et al, 2016	TAV
MIR3162-5p	Downregulated	--	Coffey et al, 2016	TAV
MIR3178	Upregulated	--	Coffey et al, 2016	TAV
MIR3197	Upregulated	--	Coffey et al, 2016	TAV
MIR320a	Downregulated	TAC1	Coffey et al, 2016	TAV
	N.D.	TAC1, CXCL12*,CCR7*	Qiao et al, 2022	TAV
MIR320b	Downregulated	--	Coffey et al, 2016	TAV
	N.D.	CXCL12*,CCR7*	Qiao et al, 2022	TAV
MIR320c	Downregulated	--	Coffey et al, 2016	TAV
	N.D.	CCR7*	Qiao et al, 2022	TAV
MIR320d	N.D.	CCR7*	Qiao et al, 2022	TAV
MIR324-3p	Downregulated	--	Coffey et al, 2016	TAV
MIR328-3p	Downregulated	--	Coffey et al, 2016	TAV
MIR335-5p	Upregulated	RUNX2	Coffey et al, 2016	TAV
MIR339-3p	Downregulated	--	Coffey et al, 2016	TAV
MIR339-5p	Downregulated	BCL6	Coffey et al, 2016	TAV
MIR340-5p	N.D.	KIT*	Qiao et al, 2022	TAV
MIR34a-5p	N.D.	CD44,CDK4,KIT*,CSF1R*	Qiao et al, 2022	TAV
	Upregulated	CD44,CDK4	Coffey et al, 2016	TAV
MIR3606-3p	N.D.	CXCL8*	Qiao et al, 2022	TAV
MIR3617-5p	N.D.	KIT*	Qiao et al, 2022	TAV
MIR3681-5p	N.D.	CCR1*	Qiao et al, 2022	TAV
MIR369-3p	N.D.	CXCL8*	Qiao et al, 2022	TAV
MIR376a-2-5p	N.D.	CXCL8*	Qiao et al, 2022	TAV
MIR378a-3p	Downregulated	--	Coffey et al, 2016	TAV
MIR378a-5p	Downregulated	--	Coffey et al, 2016	TAV
MIR378c	Downregulated	--	Coffey et al, 2016	TAV
MIR381-3p	Upregulated	--	Coffey et al, 2016	TAV
			Qiao et al, 2022	TAV
MIR3915	N.D.	PLEK*	Qiao et al, 2022	TAV
MIR3941	N.D.	KIT*	Qiao et al, 2022	TAV
MIR3978	N.D.	SYK*	Qiao et al, 2022	TAV
MIR422a	Downregulated	--	Coffey et al, 2016	TAV
	N.D.	CCR7*	Qiao et al, 2022	TAV
MIR4251	N.D.	SPP1*	Qiao et al, 2022	TAV
MIR4253	Downregulated	--	Coffey et al, 2016	TAV
MIR425-5p	Downregulated	--	Coffey et al, 2016	TAV
MIR4262	N.D.	SPP1*	Qiao et al, 2022	TAV
MIR4282	N.D.	CXCL8*	Qiao et al, 2022	TAV
MIR4284	Downregulated	--	Coffey et al, 2016	TAV
MIR4290	N.D.	SYK*	Qiao et al, 2022	TAV

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MIR432-5p	N.D.	CCR7*	Qiao et al, 2022	TAV
MIR4429	N.D.	CCR7*	Qiao et al, 2022	TAV
MIR4458	N.D.	CCR7*	Qiao et al, 2022	TAV
MIR4474-3p	N.D.	HCK*	Qiao et al, 2022	TAV
MIR448	N.D.	CXCL12*	Qiao et al, 2022	TAV
MIR4481	N.D.	FPR1*	Qiao et al, 2022	TAV
MIR4492	Downregulated	--	Jiao et al, 2019	TAV
MIR449C	Downregulated	--	Jiao et al, 2019	TAV
MIR4500	N.D.	CCR7*	Qiao et al, 2022	TAV
MIR4516	N.D.	PLEK*	Qiao et al, 2022	TAV
MIR451a	Downregulated	--	Coffey et al, 2016	TAV
MIR4524a-3p	N.D.	PPBP*	Qiao et al, 2022	TAV
MIR455-3p	Upregulated	--	Coffey et al, 2016	TAV
MIR4686	N.D.	PLEK*	Qiao et al, 2022	TAV
MIR4687-3p	N.D.	CXCL8*	Qiao et al, 2022	TAV
MIR4692	N.D.	VCAM1*	Qiao et al, 2022	TAV
MIR4699-3p	N.D.	CXCL8*	Qiao et al, 2022	TAV
MIR4701-3p	N.D.	SYK*	Qiao et al, 2022	TAV
MIR4715-5p	N.D.	TLR7*	Qiao et al, 2022	TAV
MIR4717 5p	N.D.	VCAM1*	Qiao et al, 2022	TAV
MIR4722-3p	N.D.	SYK*	Qiao et al, 2022	TAV
MIR4725-3p	N.D.	CCL5*	Qiao et al, 2022	TAV
MIR4739	Upregulated	--	Jiao et al, 2019	TAV
MIR4745-5p	N.D.	FPR1*	Qiao et al, 2022	TAV
MIR4753-3p	N.D.	SPP1*	Qiao et al, 2022	TAV
MIR4769-3p	N.D.	PPBP*	Qiao et al, 2022	TAV
MIR4773	N.D.	CCR1*	Qiao et al, 2022	TAV
MIR4774-3p	Upregulated	--	Jiao et al, 2019	TAV
MIR4789-3p	N.D.	KIT*	Qiao et al, 2022	TAV
MIR4795-3p	N.D.	CCR1*	Qiao et al, 2022	TAV
MIR486-3p	Downregulated	--	Coffey et al, 2016	TAV
	N.D.	PLEK*	Qiao et al, 2022	TAV
MIR486-5p	Downregulated	--	Coffey et al, 2016	TAV
MIR491-5p	Downregulated	--	Coffey et al, 2016	TAV
MIR493-5p	N.D.	CXCL8*	Qiao et al, 2022	TAV
MIR495-5p	N.D.	VCAM1*	Qiao et al, 2022	TAV
MIR5003-5p	N.D.	SPP1*	Qiao et al, 2022	TAV
MIR500a-3p	Downregulated	--	Coffey et al, 2016	TAV
MIR500a-5p	Downregulated	--	Coffey et al, 2016	TAV
		Qiao et al, 2022	TAV	
MIR5010-3p	N.D.	CX3CR1*	Qiao et al, 2022	TAV
MIR5011	Upregulated	--	Hadji et al, 2016	TAV
MIR5011-5p	N.D.	VCAM1*	Qiao et al, 2022	TAV
MIR501-3p	Downregulated	--	Coffey et al, 2016	TAV
	N.D.	CCR1*	Qiao et al, 2022	TAV
MIR502-3p	Downregulated	--	Coffey et al, 2016	TAV
		Qiao et al, 2022	TAV	
MIR5095	N.D.	CCL5*	Qiao et al, 2022	TAV
MIR513a-3p	N.D.	CXCL8*	Qiao et al, 2022	TAV
MIR513b-3p	N.D.	CXCL12*	Qiao et al, 2022	TAV
MIR513c-3p	N.D.	CXCL8*	Qiao et al, 2022	TAV
MIR513c-5p	N.D.	VCAM1*	Qiao et al, 2022	TAV
MIR518c-5p	N.D.	CCR1*	Qiao et al, 2022	TAV

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MIR5192	N.D.	TYROBP*	Qiao et al, 2022	TAV
MIR5194	N.D.	CCR7*, CCL5*	Qiao et al, 2022	TAV
MIR520a-5p	N.D.	TLR7*	Qiao et al, 2022	TAV
MIR520b	N.D.	CXCL8*	Qiao et al, 2022	TAV
MIR520d-5p	N.D.	VCAM1*	Qiao et al, 2022	TAV
MIR522-3p	N.D.	TLR8*	Qiao et al, 2022	TAV
MIR525-5p	N.D.	TLR7*	Qiao et al, 2022	TAV
MIR532-3p	Downregulated	--	Coffey et al, 2016	TAV
MIR532-5p	Downregulated	RUNX3	Coffey et al, 2016	TAV
MIR541-3p	N.D.	TYROBP*	Qiao et al, 2022	TAV
MIR545-3p	N.D.	LRP1, VCAM1*	Qiao et al, 2022	TAV
MIR548a-3p	Upregulated	--	Coffey et al, 2016	TAV
MIR548au-3p	N.D.	VCAM1*	Qiao et al, 2022	TAV
MIR548v	N.D.	KIT*	Qiao et al, 2022	TAV
MIR550a-3-5p	N.D.	CX3CR1*	Qiao et al, 2022	TAV
MIR550a-3p	Upregulated	--	Coffey et al, 2016	TAV
MIR550a-5p	N.D.	CX3CR1*	Qiao et al, 2022	TAV
MIR550b-2-5p	N.D.	CX3CR1*	Qiao et al, 2022	TAV
MIR5572	N.D.	CX3CR1*	Qiao et al, 2022	TAV
MIR561-5p	N.D.	VCAM1*	Qiao et al, 2022	TAV
MIR5692a	N.D.	CXCL8*	Qiao et al, 2022	TAV
MIR5706	N.D.	CXCL8*	Qiao et al, 2022	TAV
MIR574-3p	Downregulated	--	Coffey et al, 2016	TAV
MIR583	N.D.	KIT*	Qiao et al, 2022	TAV
MIR586	N.D.	TLR7*	Qiao et al, 2022	TAV
MIR607	N.D.	CXCL8*	Qiao et al, 2022	TAV
MIR6074	N.D.	VCAM1*	Qiao et al, 2022	TAV
MIR6124	N.D.	CCR1*	Qiao et al, 2022	TAV
MIR6132	N.D.	SYK*	Qiao et al, 2022	TAV
MIR625-5p	Downregulated	--	Coffey et al, 2016	TAV
MIR629-5p	Downregulated	--	Coffey et al, 2016	TAV
	N.D.	CCR1*	Qiao et al, 2022	TAV
MIR638	Upregulated	--	Jiao et al, 2019	TAV
MIR641	N.D.	KIT*	Qiao et al, 2022	TAV
MIR6513-5p	N.D.	TLR8*	Qiao et al, 2022	TAV
MIR652-3p	Downregulated	--	Coffey et al, 2016	TAV
MIR654-5p	N.D.	TYROBP*	Qiao et al, 2022	TAV
MIR664-5p	Downregulated	--	Coffey et al, 2016	TAV
MIR665	Downregulated	--	Coffey et al, 2016	TAV
MIR671-5p	N.D.	KIT*	Qiao et al, 2022	TAV
MIR6718-5p	N.D.	PLEK*	Qiao et al, 2022	TAV
MIR6722-3p	N.D.	PLEK*	Qiao et al, 2022	TAV
MIR675	Upregulated	--	Schlotter et al, 2018	TAV
MIR6764-3p	N.D.	CCR7*	Qiao et al, 2022	TAV
MIR6806	Downregulated	--	Jiao et al, 2019	TAV
MIR6849-5p	N.D.	CCR1*	Qiao et al, 2022	TAV
MIR6870-5p	N.D.	CSF1R*	Qiao et al, 2022	TAV
MIR7110	Downregulated	--	Sun et al, 2021	BAV - TAV
MIR7-5p	N.D.	EGFR, CXCL12*	Qiao et al, 2022	TAV
MIR765	N.D.	CXCL12*	Qiao et al, 2022	TAV

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MIR766-3p	Downregulated	--	Coffey et al, 2016	TAV
MIR8087	Downregulated	--	Jiao et al, 2019 Qiao et al, 2022	TAV TAV
MIR885-5p	Downregulated	--	Coffey et al, 2016	TAV
MIR889-3p	N.D.	CXCL8*	Qiao et al, 2022	TAV
MIR92a-3p	Downregulated	THBS1	Coffey et al, 2016	TAV
MIR933	Downregulated	--	Coffey et al, 2016	TAV
MIR93-5p	Downregulated	--	Coffey et al, 2016	TAV
MIR939-5p	Downregulated	--	Coffey et al, 2016 Qiao et al, 2022	TAV TAV
MIR98-5p	N.D.	CCR7*	Qiao et al, 2022	TAV
MIR99a-5p	Downregulated	FGFR3, SERPINE1	Coffey et al, 2016	TAV
MIRLET7A1 5p	N.D.	CCND2, PRDM1 ,NFKB1, SLC20A1 ,CASP8, IL6 , CCR7*	Qiao et al, 2022	TAV
MIRLET7B	N.D.	BIRC6 ,PGRMC1, PRDM1 , PXDN , THBS1 , CCR7*	Qiao et al, 2022	TAV
MIRLET7C 5p	N.D.	CCR7*	Qiao et al, 2022	TAV
MIRLET7E 5p	N.D.	CCR7*	Qiao et al, 2022	TAV
MIRLET7F1	Upregulated	PRDM1	Coffey et al, 2016	TAV
MIRLET7F2 3p	N.D.	VCAM1*	Qiao et al, 2022	TAV
MIRLET7F2 5p	N.D.	CCR7*	Qiao et al, 2022	TAV
MIRLET7G 5p	N.D.	COL1A2 , CCR7*	Qiao et al, 2022	TAV
MIRLET7I	Upregulated	--	Coffey et al, 2016	TAV
MIRLET7I 5p	N.D.	CCR7*	Qiao et al, 2022	TAV