

Table S2. Full list of hsa-miRNAs targeting *Beta-CoVs* highly supported by either computational or experimental studies.

Virus	hsa-miRNA	Detection method	Year	Reference
SARS-CoV	hsa-let-7i-5p	Computational	2020	[1]
	hsa-let-7b-5p	Computational	2020	[1]
	hsa-let-7c-5p	Computational	2020	[1]
	hsa-let-7e-5p	Computational	2020	[1]
	hsa-let-7g-5p	Computational	2020	[1]
	hsa-miR-1202	Computational	2020	[1]
	hsa-miR-105-3p	Computational	2020	[1]
	hsa-miR-1224-5p	Computational	2020	[1]
	hsa-miR-4458	Computational	2020	[1]
	hsa-let-7f-5p	Computational	2020	[1]
	hsa-miR-1205	Computational	2020	[1]
	hsa-miR-1184	Computational	2020	[1]
	hsa-miR-1183	Computational	2020	[1]
	hsa-miR-103a-2-5p	Computational	2020	[1]
	hsa-miR-1208	Computational	2020	[1]
	hsa-miR-4500	Computational	2020	[1]
	hsa-miR-101-3p.2	Computational	2020	[1]
	hsa-let-7a-2-3p	Computational	2020	[1]
	hsa-miR-98-5p	Computational	2020	[1]
	hsa-let-7i-3p	Computational	2020	[1]
	hsa-let-7g-3p	Computational	2020	[1]
	hsa-miR-1197	Computational	2020	[1]
	hsa-miR-101-3p.1	Computational	2020	[1]
	hsa-miR-1199-5p	Computational	2020	[1]
	hsa-miR-103b	Computational	2020	[1]
	hsa-miR-10b-5p	Computational	2020	[1]
	hsa-miR-1178-3p	Computational	2020	[1]
	hsa-let-7d-5p	Computational	2020	[1]
	hsa-miR-17	Computational/Experimental	2009	[2]
	hsa-miR-574-5p	Computational/Experimental	2009	[2]
	hsa-miR-214	Computational/Experimental	2009	[2]
	hsa-miR-223	Computational/Experimental	2009	[2]
	hsa-miR-98	Computational/Experimental	2009	[2]
	hsa-miR-200c-3p	Experimental	2017	[3]
	hsa-miR-155-3p	Experimental	2021	[4]
	hsa-let-7a-3p	Experimental	2021	[4]
MERS-CoV	hsa-miR-15a-5p	Experimental	2020	[5]
	hsa-miR-15b-5p	Experimental	2020	[5]
	hsa-miR-195-5p	Experimental	2020	[5]
	hsa-miR-16-5p	Experimental	2020	[5]
	hsa-miR-196a-1-3p	Experimental	2020	[5]
	hsa-miR-16-1-3p	Experimental	2020	[6]
	hsa-miR-26a-1-3p	Experimental	2020	[6]

hsa-miR-425-5p	Experimental	2020	[6]
hsa-miR-500b-5p	Experimental	2020	[6]
hsa-miR-627-5p	Experimental	2020	[6]
hsa-miR-1257	Experimental	2020	[6]
hsa-miR-1275	Experimental	2020	[6]
hsa-miR-2277-5p	Experimental	2020	[6]
hsa-miR-2392	Experimental	2020	[6]
hsa-miR-4448	Experimental	2020	[6]
hsa-miR-4455	Experimental	2020	[6]
hsa-miR-4521	Experimental	2020	[6]
hsa-miR-6807-5p	Experimental	2020	[6]
hsa-miR-6847-3p	Experimental	2020	[6]
hsa-miR-329-5p	Experimental	2020	[6]
hsa-miR-539-5p	Experimental	2020	[6]
hsa-miR-619-5p	Experimental	2020	[6]
hsa-miR-762	Experimental	2020	[6]
hsa-miR-6836-5p	Experimental	2020	[6]
hsa-miR-628-5p	Computational	2014	[7]
hsa-miR-332-3p	Computational	2014	[7]
hsa-miR-6804-3p	Computational	2014	[7]
hsa-miR-4289	Computational	2014	[7]
hsa-miR-208a-3p	Computational	2014	[7]
hsa-miR-510-3p	Computational	2014	[7]
hsa-miR-18a-3p	Computational	2014	[7]
hsa-miR-329-3p	Computational	2014	[7]
hsa-miR-548ax	Computational	2014	[7]
hsa-miR-3934-5p	Computational	2014	[7]
hsa-miR-4474-5p	Computational	2014	[7]
hsa-miR-7974	Computational	2014	[7]
hsa-miR-6865-5p	Computational	2014	[7]
hsa-miR-342-3p	Computational	2014	[7]
hsa-let-7i-5p	Computational	2020	[1]
hsa-let-7c-5p	Computational	2020	[1]
hsa-let-7e-5p	Computational	2020	[1]
hsa-let-7g-5p	Computational	2020	[1]
hsa-let-7b-5p	Computational	2020	[1]
hsa-miR-1202	Computational	2020	[1]
hsa-let-7d-5p	Computational	2020	[1]
hsa-let-7f-5p	Computational	2020	[1]
hsa-miR-98-5p	Computational	2020	[1]
hsa-miR-1224-5p	Computational	2020	[1]
hsa-miR-1184	Computational	2020	[1]
hsa-miR-105-3p	Computational	2020	[1]
hsa-miR-4458	Computational	2020	[1]
hsa-miR-1183	Computational	2020	[1]
hsa-let-7a-2-3p	Computational	2020	[1]

SARS-CoV-2	hsa-miR-103a-2-5p	Computational	2020	[1]
	hsa-miR-4500	Computational	2020	[1]
	hsa-miR-10a-5p	Computational	2020	[1]
	hsa-miR-101-5p	Computational	2020	[1]
	hsa-miR-10b-5p	Computational	2020	[1]
	hsa-miR-1185-2-3p	Computational	2020	[1]
	hsa-miR-103b	Computational	2020	[1]
	hsa-miR-1185-1-3p	Computational	2020	[1]
	hsa-miR-3180-3p	Computational	2021	[8]
	hsa-miR-3173-3p	Computational	2021	[8]
	hsa-miR-1247-3p	Computational	2021	[8]
	hsa-miR-127-5p	Computational	2021	[8]
	hsa-miR-376a-3p	Computational	2021	[8]
	hsa-miR-3663-3p	Computational	2021	[8]
	hsa-miR-622	Computational	2021	[8]
	hsa-miR-3180	Computational	2021	[8]
	hsa-miR-4660	Computational	2021	[8]
	hsa-miR-155-3p	Computational	2020	[1]
	hsa-miR-139-5p	Computational	2020	[1]
	hsa-let-7a-3p	Computational	2020	[1]
	hsa-miR-135b-5p	Computational	2020	[1]
	hsa-miR-16-2-3p	Computational, Experimental	2020, 2022	[1], [9]
	hsa-miR-1275	Computational	2020	[1]
	hsa-miR-5047	Computational, Computational, Computational	2020, 2020, 2020	[1], [10], [11]
	hsa-miR-1301-3p	Computational, Computational, Computational	2020, 2020, 2020	[1], [10], [11]
	hsa-miR-125a-3p	Computational, Computational, Computational	2020, 2020, 2020	[1], [10], [11]
	hsa-miR-196a-5p	Computational, Computational, Computational	2020, 2020, 2020	[1], [10], [11]
	hsa-miR-19b-2-5p	Computational, Computational, Computational	2020, 2020, 2020	[1], [10], [11]
	hsa-miR-4758-5p	Computational, Computational, Computational	2020, 2020, 2020	[1], [10], [11]
	hsa-miR-141-3p	Computational, Computational, Computational	2020, 2020, 2020	[1], [10], [11]
	hsa-miR-1202	Computational, Computational, Computational	2020, 2020, 2020	[1], [10], [11]
	hsa-miR-19b-1-5p	Computational, Computational, Computational	2020, 2020, 2020	[1], [10], [11]
	hsa-miR-15b-3p	Computational, Computational, Computational	2020, 2020, 2020	[1], [10], [11]
	hsa-miR-153-5p	Computational, Computational, Computational	2020, 2020, 2020	[1], [10], [11]
	hsa-miR-219a	Computational/Experimental	2021	[12]
	hsa-miR-29a	Computational/Experimental	2021	[12]
	hsa-miR-15b	Computational/Experimental	2021	[12]
	hsa-miR-30c	Computational/Experimental	2021	[12]
	hsa-miR-378d	Computational/Experimental	2021	[12]

hsa-miR-146a-5p	Computational, Experimental, Experimental, Experimental, Experimental	2020, 2020, 2022, 2022, 2022	[13], [14], [9], [15], [16]
hsa-miR-21-5p	Computational, Experimental	2020, 2020	[13], [14]
hsa-miR-142-3p	Experimental, Computational/Experimental, Experimental	2020, 2022, 2022	[14], [17], [18]
hsa-miR-486-5p	Experimental, Computational/Experimental, Experimental	2020, 2022, 2022	[14], [17], [18]
hsa-miR-181a-2-3p	Experimental	2020	[14]
hsa-miR-6869-5p	Computational	2020	[19]
hsa-miR-16-5p	Computational, Experimental, Experimental, Computational	2020, 2022, 2022, 2022	[19], [9], [18], [20]
hsa-miR-15a-5p	Computational	2020	[19]
hsa-miR-15b-5p	Computational	2020	[19]
hsa-miR-195-5p	Computational	2020	[19]
hsa-miR-497-5p	Computational	2020	[19]
hsa-miR-21-3p	Computational	2020	[19]
hsa-miR-424-5p	Computational, Experimental	2020, 2022	[19], [9]
hsa-miR-29a-3p	Computational	2020	[19]
hsa-miR-342-5p	Computational	2021	[21]
hsa-miR-432-5p	Computational	2021	[21]
hsa-miR-98-5p	Computational/Experimental, Computational	2020, 2021	[22], [21]
hsa-miR-17-5p	Computational, Experimental	2021, 2022	[21], [15]
hsa-miR-3941	Computational/Experimental	2021	[23]
hsa-miR-128-1-5p	Computational/Experimental	2021	[23]
hsa-miR-365b-5p	Computational/Experimental	2021	[23]
hsa-miR-138-5p	Computational/Experimental	2021	[23]
hsa-miR-34a-5p	Experimental, Computational/Experimental	2020, 2021	[24], [25]
hsa-miR-429	Computational/Experimental	2021	[25]
hsa-miR-7-5p	Computational/Experimental	2021	[25]
hsa-miR-155-5p	Computational/Experimental, Experimental	2021	[25], [16]
hsa-miR-203a-3p	Computational/Experimental	2021	[25]
hsa-miR-1307-3p	Computational	2020	[26]
hsa-miR-449c-5p	Computational	2020	[26]
hsa-miR-221-3p	Experimental, Experimental	2020, 2022	[5], [9]
hsa-miR-140-3p	Experimental, Experimental	2020, 2022	[5], [9]
hsa-miR-422a	Experimental	2020	[5]
hsa-miR-200c	Experimental	2020	[27]
hsa-miR-146b-5p	Experimental	2022	[16]
hsa-miR-499	Experimental	2022	[16]
hsa-miR-335-5p	Experimental	2022	[9]
hsa-miR-27b-3p	Experimental	2022	[9]
hsa-miR-660-5p	Experimental	2022	[9]
hsa-miR-130a-3p	Experimental	2022	[9]
hsa-miR-362-3p	Experimental	2022	[9]

hsa-miR-425-5p	Experimental	2022	[9]
hsa-miR-101-3p	Experimental	2022	[9]
hsa-miR-376a-3p	Experimental	2022	[9]
hsa-miR-126-5p	Experimental	2022	[9]
hsa-miR-382-5p	Experimental	2022	[9]
hsa-miR-451a	Experimental, Computational/Experimental	2022, 2022	[9], [17]
hsa-miR-19a-3p	Experimental	2022	[9]
hsa-miR-19b-3p	Experimental	2022	[9]
hsa-miR-24-3p	Experimental	2022	[9]
hsa-miR-199a-3p	Experimental	2022	[9]
hsa-miR-584-5p	Experimental	2022	[9]
hsa-miR-532-3p	Experimental	2022	[9]
hsa-miR-25-3p	Experimental	2022	[9]
hsa-miR-99b-5p	Experimental	2022	[9]
hsa-miR-361-5p	Experimental	2022	[9]
hsa-miR-194-5p	Experimental	2022	[9]
hsa-miR-29c-3p	Experimental	2022	[9]
hsa-miR-33a-5p	Experimental	2022	[9]
hsa-miR-106b-5p	Experimental	2022	[9]
hsa-miR-126-3p	Experimental, Experimental	2022, 2022	[9], [15]
hsa-miR-502-3p	Experimental	2022	[9]
hsa-miR-186-5p	Experimental	2022	[9]
hsa-miR-130b-3p	Experimental	2022	[9]
hsa-miR-30a-5p	Experimental	2022	[9]
hsa-miR-27a-3p	Experimental	2022	[15]
hsa-miR-495-3p	Experimental	2022	[15]
hsa-miR-4665-5p	Experimental	2022	[28]
hsa-miR-3190-3p	Experimental	2022	[28]
hsa-miR-331-3p	Experimental	2022	[28]
hsa-miR-4525	Experimental	2022	[28]
hsa-miR-431-5p	Experimental	2022	[28]
hsa-miR-6721-5p	Experimental	2022	[28]
hsa-miR-4661-5p	Experimental	2022	[28]
hsa-miR-548a-3p	Experimental	2022	[28]
hsa-miR-4745-5p	Experimental	2022	[28]
hsa-miR-3976	Experimental	2022	[28]
hsa-miR-4488	Experimental	2022	[28]
hsa-miR-3150b-3p	Experimental	2022	[28]
hsa-miR-7704	Experimental	2022	[28]
hsa-miR-3168	Experimental	2022	[28]
hsa-miR-3065-3p	Computational/Experimental	2022	[17]
hsa-miR-93-5p	Computational/Experimental	2022	[17]
hsa-miR-3065-5p	Computational/Experimental	2022	[17]
hsa-miR-628-3p	Computational/Experimental	2022	[17]
hsa-let-7b-5p	Computational, Experimental	2020, 2022	[13], [18]

hsa-miR-486-3p	Experimental	2022	[18]
hsa-let-7a-5p	Experimental	2022	[18]
hsa-let-7i-5p	Experimental	2022	[18]
hsa-let-7f-5p	Experimental	2022	[18]
hsa-miR-223-3p	Experimental	2022	[18]
hsa-miR-144-3p	Experimental	2022	[18]
hsa-miR-15a-3p	Experimental	2022	[18]
hsa-miR-374a-3p	Experimental, Computational	2022, 2022	[18], [20]
hsa-miR-181c-5p	Experimental	2022	[18]
hsa-miR-374a-5p	Experimental, Computational	2022, 2022	[18], [20]
hsa-miR-1277-5p	Experimental	2022	[18]
hsa-miR-369-3p	Experimental	2022	[18]
hsa-miR-146a-3p	Experimental	2022	[18]
hsa-miR-556-3p	Experimental	2022	[18]
hsa-miR-16-1-3p	Experimental	2022	[18]
hsa-miR-193b-5p	Experimental	2022	[18]
hsa-miR-4669	Experimental	2022	[18]
hsa-miR-193a-5p	Experimental	2022	[18]
hsa-miR-4697-3p	Experimental	2022	[18]
hsa-miR-4516	Experimental	2022	[18]
hsa-miR-1228-3p	Experimental	2022	[18]
hsa-miR-3182	Experimental	2022	[18]
hsa-miR-150-3p	Experimental	2022	[18]
hsa-miR-885-3p	Experimental	2022	[18]
hsa-miR-34c-3p	Experimental	2022	[18]
hsa-miR-148a	Experimental	2022	[29]
hsa-miR-34c	Experimental	2022	[29]
hsa-miR-34b	Experimental	2022	[29]
hsa-miR-342	Experimental	2022	[29]
hsa-miR-16	Computational	2020	[13]
hsa-miR-26a-5p	Experimental	2022	[30]
hsa-miR-29b-3p	Experimental	2022	[30]
hsa-miR-421	Experimental	2022	[30]
hsa-miR-3909	Experimental	2022	[30]
hsa-miR-212-5p	Experimental	2022	[30]
hsa-miR-4677-3p	Experimental	2022	[30]
hsa-let-7f-1-3p	Computational	2022	[20]
hsa-miR-548d-3p	Computational	2022	[20]
hsa-miR-23b-3p	Computational	2022	[20]
hsa-miR-302c-5p	Computational	2022	[20]
hsa-miR-143-5p	Computational	2022	[31]
hsa-miR-570-5p	Computational	2022	[31]
hsa-miR-34c-5p	Computational	2020	[32]

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