

A pan-matrix meta-analysis of microRNAs signature in Alzheimer's disease and Mild Cognitive Impairment

Authors

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Supplementary informations

Supplementary Information 1
Total entries meta-analyzed

No.	Author	Year	miRNA	Matrix	Specific matrix	Comparison	#TOT	#AD	#HC	#MCI	AVG age AD	AVG age HC	AVG age MCI	Trend		P-value
1	Lin et al.	2023	hsa-let-7a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,0744
29a	Hébert et al.	2013	hsa-let-7a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,8111
1	Lin et al.	2023	hsa-let-7b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,9032
49a	Weinberg et al.	2015	hsa-let-7b	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1420
11c	Cogswell et al.	2008	hsa-let-7b	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0005
29a	Hébert et al.	2013	hsa-let-7b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,4922
1	Lin et al.	2023	hsa-let-7c	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,4857
29a	Hébert et al.	2013	hsa-let-7c	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,6426
49a	Weinberg et al.	2015	hsa-let-7c	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1090
1	Lin et al.	2023	hsa-let-7d	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,2589
29a	Hébert et al.	2013	hsa-let-7d	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,6286
49a	Weinberg et al.	2015	hsa-let-7d	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1430
49b	Weinberg et al.	2015	hsa-let-7d	Brain tissue	Frontal cortex	AD vs HC	22	10	12		88.6 ± 7.0	83.0 ± 5.9		Down in AD	-	0,0250
11c	Cogswell et al.	2008	hsa-let-7d	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0001
1	Lin et al.	2023	hsa-let-7e	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,0102
29a	Hébert et al.	2013	hsa-let-7e	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,5214
1	Lin et al.	2023	hsa-let-7f	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,0293
29a	Hébert et al.	2013	hsa-let-7f	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,8124
11d	Cogswell et al.	2008	hsa-let-7f	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0429
35	Lau et al.	2013	hsa-let-7f-5p	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Up in AD	+	0,0003
209a	Sabaie et al.	2022	hsa-let-7f-5p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Up in AD	+	0,0000
1	Lin et al.	2023	hsa-let-7g	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,2250
29a	Hébert et al.	2013	hsa-let-7g	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7509
49a	Weinberg et al.	2015	hsa-let-7g	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1280
11b	Cogswell et al.	2008	hsa-let-7g	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Up in AD	+	0,0225
11c	Cogswell et al.	2008	hsa-let-7g	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0012

186b	Li et al.	2021	hsa-let-7g-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,1970
186a	Li et al.	2021	hsa-let-7g-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0001
49a	Weinberg et al.	2015	hsa-let-7i	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1040
89a	Pichler et al.	2017	hsa-let-7i	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0158
29a	Hébert et al.	2013	hsa-miR-1	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,4313
1	Lin et al.	2023	hsa-miR-1	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,6676
1	Lin et al.	2023	hsa-miR-100	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,6563
29b	Hébert et al.	2013	hsa-miR-100	Brain tissue	Superior and middle temporal gyri	AD vs HC	16	8	8		78	71		Down in AD	-	0,0250
11b	Cogswell et al.	2008	hsa-miR-100	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Up in AD	+	0,0180
11d	Cogswell et al.	2008	hsa-miR-100	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0059
11g	Cogswell et al.	2008	hsa-miR-100	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0304
29a	Hébert et al.	2013	hsa-miR-100	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,0489
17	Nunez-Iglesias et al.	2010	hsa-miR-101	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Down in AD	-	0,0005
1	Lin et al.	2023	hsa-miR-101	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,5868
11c	Cogswell et al.	2008	hsa-miR-101	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0248
1	Lin et al.	2023	hsa-miR-103	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,0157
11e	Cogswell et al.	2008	hsa-miR-103	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0206
11f	Cogswell et al.	2008	hsa-miR-103	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0068
93a	Moncini et al.	2017	hsa-miR-103	Brain tissue	Temporal cortex	AD vs HC	24	12	12		83 ± 8	0		Down in AD	-	0,0250
93b	Moncini et al.	2017	hsa-miR-103	Brain tissue	Hippocampus	AD vs HC	24	12	12		83 ± 8	0		Down in AD	-	0,0050
186a	Li et al.	2021	hsa-miR-10395-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0003
186b	Li et al.	2021	hsa-miR-10395-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,8790
1	Lin et al.	2023	hsa-miR-106b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,4673
79	Liu et al.	2016	hsa-miR-106b	Brain tissue	Temporal cortex	AD vs HC	10	5	5		0	0		Down in AD	-	0,0050
49a	Weinberg et al.	2015	hsa-miR-106b	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1420
11c	Cogswell et al.	2008	hsa-miR-106b	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0134
29a	Hébert et al.	2013	hsa-miR-106b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,0529
1	Lin et al.	2023	hsa-miR-107	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,4339
16	Nelson et al.	2010	hsa-miR-107	Brain tissue	Superior and middle temporal gyri	AD vs HC	19	10	9		87	88		Down in AD	-	0,0250
29a	Hébert et al.	2013	hsa-miR-107	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,4065
39a	Müller et al.	2014	hsa-miR-107	Brain tissue	Hippocampus	AD vs HC	21	10	11		77.8 ± 10.6	82.5 ± 7.01		Down in AD	-	0,0250

93a	Moncini et al.	2017	hsa-miR-107	Brain tissue	Temporal cortex	AD vs HC	24	12	12		83 ± 8	0		Down in AD	-	0,0050
93b	Moncini et al.	2017	hsa-miR-107	Brain tissue	Hippocampus	AD vs HC	24	12	12		83 ± 8	0		Down in AD	-	0,0250
12	Wang et al.	2008	hsa-miR-107	Brain tissue	Superior and middle temporal cortex and separately motor cortex	AD vs HC	17	6	11		86	88		Down in AD	-	0,0140
1	Lin et al.	2023	hsa-miR-10a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,3370
29a	Hébert et al.	2013	hsa-miR-10a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7323
29a	Hébert et al.	2013	hsa-miR-10b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,6685
89a	Pichler et al.	2017	hsa-miR-10b	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0006
186a	Li et al.	2021	hsa-miR-1180-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0033
209a	Sabaie et al.	2022	hsa-miR-1180-3p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
186b	Li et al.	2021	hsa-miR-1180-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,5960
29a	Hébert et al.	2013	hsa-miR-1228	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,6763
89a	Pichler et al.	2017	hsa-miR-1228	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Up in AD	+	0,0314
111	Wang et al.	2018	hsa-miR-124	Brain tissue	Hippocampus	AD vs HC	16	8	8		0	0		Up in AD	+	0,0250
29a	Hébert et al.	2013	hsa-miR-124	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,5674
1	Lin et al.	2023	hsa-miR-125a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,0351
11d	Cogswell et al.	2008	hsa-miR-125a	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0196
209a	Sabaie et al.	2022	hsa-miR-125a-5p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
29a	Hébert et al.	2013	hsa-miR-125a-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,7267
1	Lin et al.	2023	hsa-miR-125b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,7951
31	Zhao et al.	2013	hsa-miR-125b	Brain tissue	Hippocampus	AD vs HC	6	3	3		72.1 ± 5.1	71.8 ± 4.4		Up in AD	+	0,0250
11b	Cogswell et al.	2008	hsa-miR-125b	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Up in AD	+	0,0390
11d	Cogswell et al.	2008	hsa-miR-125b	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0044
11e	Cogswell et al.	2008	hsa-miR-125b	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Up in AD	+	0,0337
11f	Cogswell et al.	2008	hsa-miR-125b	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0001
11g	Cogswell et al.	2008	hsa-miR-125b	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0095
29a	Hébert et al.	2013	hsa-miR-125b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,6953
1	Lin et al.	2023	hsa-miR-126	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,1268
29a	Hébert et al.	2013	hsa-miR-126	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,8273
49a	Weinberg et al.	2015	hsa-miR-126	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0881
89a	Pichler et al.	2017	hsa-miR-126	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0114

11e	Cogswell et al.	2008	hsa-miR-126	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0000
11g	Cogswell et al.	2008	hsa-miR-126	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0454
49a	Weinberg et al.	2015	hsa-miR-1264	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0834
29a	Hébert et al.	2013	hsa-miR-1264	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,5242
186b	Li et al.	2021	hsa-miR-126-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,4890
187a	Li et al.	2021	hsa-miR-126-5p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
186a	Li et al.	2021	hsa-miR-126-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0009
11c	Cogswell et al.	2008	hsa-miR-127	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0076
1	Lin et al.	2023	hsa-miR-127	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,4711
35	Lau et al.	2013	hsa-miR-127-3p	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Down in AD	-	0,0017
29a	Hébert et al.	2013	hsa-miR-127-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,4325
187a	Li et al.	2021	hsa-miR-127-3p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Up in AD	+	0,0250
49a	Weinberg et al.	2015	hsa-miR-1274b	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1220
89a	Pichler et al.	2017	hsa-miR-1274b	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Up in AD	+	0,0030
186a	Li et al.	2021	hsa-miR-1277-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0012
186b	Li et al.	2021	hsa-miR-1277-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,4480
35	Lau et al.	2013	hsa-miR-128	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Down in AD	-	0,0000
29a	Hébert et al.	2013	hsa-miR-128	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,5648
10	Lukiw	2007	hsa-miR-128	Brain tissue	Hippocampus	AD vs HC	10	5	5		70.3 ± 3.3	69.0 ± 1.8		Up in AD	+	0,0250
186b	Li et al.	2021	hsa-miR-128-1-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,3240
186a	Li et al.	2021	hsa-miR-128-1-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0013
187b	Li et al.	2021	hsa-miR-128-1-5p	Brain tissue	Frontal lobe	AD vs HC	13	6	7		0	0		Up in AD	+	0,0250
49a	Weinberg et al.	2015	hsa-miR-1285	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0006
29a	Hébert et al.	2013	hsa-miR-1285	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,5925
20b	Culpan et al.	2011	hsa-miR-128a	Brain tissue	Temporal neocortex	AD vs HC	18	12	6		81	87		Down in AD	-	0,0030
39a	Müller et al.	2014	hsa-miR-128a	Brain tissue	Hippocampus	AD vs HC	21	10	11		77.8 ± 10.6	82.5 ± 7.01		Down in AD	-	0,0250
1	Lin et al.	2023	hsa-miR-128b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,7577
20a	Culpan et al.	2011	hsa-miR-128b	Brain tissue	Frontal neocortex	AD vs HC	18	12	6		81	87		Down in AD	-	0,0060
20b	Culpan et al.	2011	hsa-miR-128b	Brain tissue	Temporal neocortex	AD vs HC	18	12	6		81	87		Down in AD	-	0,0250
11e	Cogswell et al.	2008	hsa-miR-128b	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Up in AD	+	0,0301
1	Lin et al.	2023	hsa-miR-129	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,4516
11e	Cogswell et al.	2008	hsa-miR-129	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0120
35	Lau et al.	2013	hsa-miR-129-2-3p	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Down in AD	-	0,0008
209a	Sabaie et al.	2022	hsa-miR-129-2-3p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000

29a	Hébert et al.	2013	hsa-miR-129-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,2230
49a	Weinberg et al.	2015	hsa-miR-129-3p	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0740
89a	Pichler et al.	2017	hsa-miR-129-3p	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0012
35	Lau et al.	2013	hsa-miR-129-5p	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Down in AD	-	0,0000
29a	Hébert et al.	2013	hsa-miR-129-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,1587
89a	Pichler et al.	2017	hsa-miR-129-5p	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0065
209a	Sabaie et al.	2022	hsa-miR-129-5p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Up in AD	+	0,0000
162	Gugliandolo et al.	2020	hsa-miR-1296	Brain tissue	Brain tissue	AD vs HC	20	11	9		0	0		Down in AD	-	0,0250
29a	Hébert et al.	2013	hsa-miR-1296	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7432
49a	Weinberg et al.	2015	hsa-miR-1296	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0020
1	Lin et al.	2023	hsa-miR-130a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,0889
17	Nunez-Iglesias et al.	2010	hsa-miR-130a	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Down in AD	-	0,0066
11b	Cogswell et al.	2008	hsa-miR-130a	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Down in AD	-	0,0409
29a	Hébert et al.	2013	hsa-miR-130a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,2684
49a	Weinberg et al.	2015	hsa-miR-130a	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1440
11c	Cogswell et al.	2008	hsa-miR-130a	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0002
187a	Li et al.	2021	hsa-miR-130a-3p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
209a	Sabaie et al.	2022	hsa-miR-130a-3p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Up in AD	+	0,0000
1	Lin et al.	2023	hsa-miR-130b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,0453
11b	Cogswell et al.	2008	hsa-miR-130b	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Down in AD	-	0,0160
11d	Cogswell et al.	2008	hsa-miR-130b	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0162
29a	Hébert et al.	2013	hsa-miR-130b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,9722
1	Lin et al.	2023	hsa-miR-132	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,2223
78	Sarkar et al.	2016	hsa-miR-132	Brain tissue	Temporal cortex, frontal cortex and cerebellum	AD vs HC	23	13	10		76	77		Down in AD	-	0,0050
107a	Hadar et al.	2018	hsa-miR-132	Brain tissue	Hippocampus	AD vs HC	34	14	20		88.2 ± 6.2	86.5 ± 10.5		Down in AD	-	0,0290
107b	Hadar et al.	2018	hsa-miR-132	Brain tissue	Olfactory bulb	AD vs HC	34	14	20		88.2 ± 6.2	86.5 ± 10.5		Down in AD	-	0,0370
11c	Cogswell et al.	2008	hsa-miR-132	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0489
11e	Cogswell et al.	2008	hsa-miR-132	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0206
11f	Cogswell et al.	2008	hsa-miR-132	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0063
11g	Cogswell et al.	2008	hsa-miR-132	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0032
29a	Hébert et al.	2013	hsa-miR-132	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,1760
49a	Weinberg et al.	2015	hsa-miR-132	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0091
49b	Weinberg et al.	2015	hsa-miR-132	Brain tissue	Frontal cortex	AD vs HC	22	10	12		88.6 ± 7.0	83.0 ± 5.9		Down in AD	-	0,0050

70a	Zhu et al.	2016	hsa-miR-132	Brain tissue	Hypothalamus and nucleus basalis of Meynert	AD vs HC	37	13	24		79.5 ± 8.7	77.5 ± 7.0		Down in AD	-	0,0250
120a	Liu et al.	2019	hsa-miR-132	Brain tissue	Temporal Lobe	AD vs HC	20	10	10		0	0		Up in AD	+	0,0250
35	Lau et al.	2013	hsa-miR-132-3p	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Down in AD	-	0,0000
135a	Cha et al.	2019	hsa-miR-132-3p	Brain tissue	Gray matter from cortex	AD vs HC	10	5	5		88	92		Down in AD	-	0,0050
186a	Li et al.	2021	hsa-miR-132-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,1210
186b	Li et al.	2021	hsa-miR-132-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,0000
29b	Hébert et al.	2013	hsa-miR-132-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	16	8	8		78	71		Down in AD	-	0,0050
89a	Pichler et al.	2017	hsa-miR-132-3p	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0000
89b	Pichler et al.	2017	hsa-miR-132-3p	Brain tissue	Temporal cortex and frontal cortex	AD vs HC	16	8	8		78.0 ± 8.3	78.4 ± 8.1		Down in AD	-	0,0029
89c	Pichler et al.	2017	hsa-miR-132-3p	Brain tissue	Prefrontal cortex	AD vs HC	16	8	8		78.0 ± 8.3	78.4 ± 8.1		Down in AD	-	0,0000
209a	Sabaie et al.	2022	hsa-miR-132-3p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Up in AD	+	0,0000
186a	Li et al.	2021	hsa-miR-132-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0000
186b	Li et al.	2021	hsa-miR-132-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,0000
29a	Hébert et al.	2013	hsa-miR-133a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,5714
1	Lin et al.	2023	hsa-miR-133a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,3725
11d	Cogswell et al.	2008	hsa-miR-133a	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0252
11d	Cogswell et al.	2008	hsa-miR-133b	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0340
1	Lin et al.	2023	hsa-miR-133b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,5869
186a	Li et al.	2021	hsa-miR-133b	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0033
186b	Li et al.	2021	hsa-miR-133b	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,2530
187a	Li et al.	2021	hsa-miR-133b	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Up in AD	+	0,0250
11d	Cogswell et al.	2008	hsa-miR-134	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0043
11e	Cogswell et al.	2008	hsa-miR-134	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0429
29a	Hébert et al.	2013	hsa-miR-134	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,5534
1	Lin et al.	2023	hsa-miR-134	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,1985
17	Nunez-Iglesias et al.	2010	hsa-miR-134	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Up in AD	+	0,0035
1	Lin et al.	2023	hsa-miR-135a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,0422
29a	Hébert et al.	2013	hsa-miR-135a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7837
49a	Weinberg et al.	2015	hsa-miR-135a	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1000
11c	Cogswell et al.	2008	hsa-miR-135a	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0000

1	Lin et al.	2023	hsa-miR-135b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,0184
11e	Cogswell et al.	2008	hsa-miR-135b	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0345
49a	Weinberg et al.	2015	hsa-miR-135b	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0140
11c	Cogswell et al.	2008	hsa-miR-135b	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0004
21	Geekiyana et al.	2011	hsa-miR-137	Brain tissue	Neocortex	AD vs HC	14	7	7		89	90		Down in AD	-	0,0060
1	Lin et al.	2023	hsa-miR-137	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,4136
29a	Hébert et al.	2013	hsa-miR-137	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,7723
29a	Hébert et al.	2013	hsa-miR-138	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,6386
89a	Pichler et al.	2017	hsa-miR-138	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0141
135a	Cha et al.	2019	hsa-miR-138-1-3p	Brain tissue	Gray matter from cortex	AD vs HC	10	5	5		88	92		Down in AD	-	0,0100
187b	Li et al.	2021	hsa-miR-138-1-3p	Brain tissue	Frontal lobe	AD vs HC	13	6	7		0	0		Up in AD	+	0,0250
35	Lau et al.	2013	hsa-miR-138-5p	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Down in AD	-	0,0005
187a	Li et al.	2021	hsa-miR-138-5p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
187b	Li et al.	2021	hsa-miR-138-5p	Brain tissue	Frontal lobe	AD vs HC	13	6	7		0	0		Up in AD	+	0,0250
209a	Sabaie et al.	2022	hsa-miR-139-5p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
29a	Hébert et al.	2013	hsa-miR-139-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,4635
186a	Li et al.	2021	hsa-miR-1-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0000
186b	Li et al.	2021	hsa-miR-1-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,4620
1	Lin et al.	2023	hsa-miR-140	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,6279
11b	Cogswell et al.	2008	hsa-miR-140	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Down in AD	-	0,0097
11e	Cogswell et al.	2008	hsa-miR-140	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0015
11c	Cogswell et al.	2008	hsa-miR-140	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0193
49a	Weinberg et al.	2015	hsa-miR-140-3p	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1210
49b	Weinberg et al.	2015	hsa-miR-140-3p	Brain tissue	Frontal cortex	AD vs HC	22	10	12		88.6 ± 7.0	83.0 ± 5.9		Down in AD	-	0,0250
29a	Hébert et al.	2013	hsa-miR-140-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,5328
49a	Weinberg et al.	2015	hsa-miR-140-5p	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0567
106	Akhter et al.	2018	hsa-miR-140-5p	Brain tissue	Cerebellum	AD vs HC	43	21	22		82	87		Up in AD	+	0,0049
29a	Hébert et al.	2013	hsa-miR-140-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,9526
29a	Hébert et al.	2013	hsa-miR-141	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,5458
11c	Cogswell et al.	2008	hsa-miR-141	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0212
49a	Weinberg et al.	2015	hsa-miR-142-3p	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1280
1	Lin et al.	2023	hsa-miR-142-3p	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,9350
35	Lau et al.	2013	hsa-miR-142-3p	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Up in AD	+	0,0006

29a	Hébert et al.	2013	hsa-miR-142-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,5796
1	Lin et al.	2023	hsa-miR-142-5p	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,3483
29a	Hébert et al.	2013	hsa-miR-142-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,7722
1	Lin et al.	2023	hsa-miR-143	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,2664
11d	Cogswell et al.	2008	hsa-miR-143	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0322
89a	Pichler et al.	2017	hsa-miR-143	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Up in AD	+	0,0039
29a	Hébert et al.	2013	hsa-miR-144	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,3128
89a	Pichler et al.	2017	hsa-miR-144	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0287
1	Lin et al.	2023	hsa-miR-145	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,4736
11d	Cogswell et al.	2008	hsa-miR-145	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0194
11f	Cogswell et al.	2008	hsa-miR-145	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0182
11g	Cogswell et al.	2008	hsa-miR-145	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0377
29a	Hébert et al.	2013	hsa-miR-145	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,7215
11g	Cogswell et al.	2008	hsa-miR-146a	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0223
29a	Hébert et al.	2013	hsa-miR-146a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,6781
39a	Müller et al.	2014	hsa-miR-146a	Brain tissue	Hippocampus	AD vs HC	21	10	11		77.8 ± 10.6	82.5 ± 7.01		Down in AD	-	0,0050
1	Lin et al.	2023	hsa-miR-146a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,3885
8	Cui et al.	2010	hsa-miR-146a	Brain tissue	Superior temporal lobe neocortex	AD vs HC	66	36	30		72.2 ± 7.6	71.5 ± 6.1		Up in AD	+	0,0050
14	Lukiw et al.	2008	hsa-miR-146a	Brain tissue	Neocortex and hippocampus	AD vs HC	46	23	23		72.2 ± 6.6	70.7 ± 8.1		Up in AD	+	0,0050
31	Zhao et al.	2013	hsa-miR-146a	Brain tissue	Hippocampus	AD vs HC	6	3	3		72.1 ± 5.1	71.8 ± 4.4		Up in AD	+	0,0050
78	Sarkar et al.	2016	hsa-miR-146a	Brain tissue	Temporal cortex, frontal cortex and cerebellum	AD vs HC	23	13	10		76	77		Up in AD	+	0,0250
110	Pogue et al.	2018	hsa-miR-146a	Brain tissue	Temporal Lobe Neocortex	AD vs HC	45	26	19		76.1 ± 9.3	75.4 ± 8.5		Up in AD	+	0,0050
217a	Kim et al.	2022	hsa-miR-146a	Brain tissue	Temporal cortex	AD vs HC	23	13	10		76	77		Up in AD	+	0,0250
217b	Kim et al.	2022	hsa-miR-146a	Brain tissue	Frontal cortex	AD vs HC	23	13	10		76	77		Up in AD	+	0,0250
186a	Li et al.	2021	hsa-miR-146a-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0001
186b	Li et al.	2021	hsa-miR-146a-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,6330
1	Lin et al.	2023	hsa-miR-146b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,4831
11b	Cogswell et al.	2008	hsa-miR-146b	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Down in AD	-	0,0087
11c	Cogswell et al.	2008	hsa-miR-146b	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0227

11d	Cogswell et al.	2008	hsa-miR-146b	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0024
11e	Cogswell et al.	2008	hsa-miR-146b	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0022
11f	Cogswell et al.	2008	hsa-miR-146b	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0401
11g	Cogswell et al.	2008	hsa-miR-146b	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0220
29a	Hébert et al.	2013	hsa-miR-146b-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,4316
49a	Weinberg et al.	2015	hsa-miR-146b-5p	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1280
1	Lin et al.	2023	hsa-miR-148a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,2454
11d	Cogswell et al.	2008	hsa-miR-148a	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0284
11g	Cogswell et al.	2008	hsa-miR-148a	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0264
29a	Hébert et al.	2013	hsa-miR-148a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,4935
1	Lin et al.	2023	hsa-miR-148b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,7385
17	Nunez-Iglesias et al.	2010	hsa-miR-148b	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Down in AD	-	0,0062
89a	Pichler et al.	2017	hsa-miR-148b	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0059
11d	Cogswell et al.	2008	hsa-miR-148b	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0037
29a	Hébert et al.	2013	hsa-miR-148b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,3488
186b	Li et al.	2021	hsa-miR-148b-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,3720
187a	Li et al.	2021	hsa-miR-148b-3p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
186a	Li et al.	2021	hsa-miR-148b-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0000
29a	Hébert et al.	2013	hsa-miR-149	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7499
49a	Weinberg et al.	2015	hsa-miR-149	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0743
1	Lin et al.	2023	hsa-miR-149	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,1168
89a	Pichler et al.	2017	hsa-miR-149	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Up in AD	+	0,0461
29a	Hébert et al.	2013	hsa-miR-150	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,4680
49a	Weinberg et al.	2015	hsa-miR-150	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Up in AD	+	0,1250
49b	Weinberg et al.	2015	hsa-miR-150	Brain tissue	Frontal cortex	AD vs HC	22	10	12		88.6 ± 7.0	83.0 ± 5.9		Up in AD	+	0,0050
209a	Sabaie et al.	2022	hsa-miR-150-5p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
35	Lau et al.	2013	hsa-miR-150-5p	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Up in AD	+	0,0008
206c	Chia et al.	2027	hsa-miR-150-5p	Brain tissue	Hippocampus	AD vs HC	11	5	6		0	0		Up in AD	+	0,0250
1	Lin et al.	2023	hsa-miR-152	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,9605
29a	Hébert et al.	2013	hsa-miR-152	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,0441
89a	Pichler et al.	2017	hsa-miR-152	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Up in AD	+	0,0161
1	Lin et al.	2023	hsa-miR-153	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,6427

29a	Hébert et al.	2013	hsa-miR-153	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,4402
11b	Cogswell et al.	2008	hsa-miR-153	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Up in AD	+	0,0140
11c	Cogswell et al.	2008	hsa-miR-153	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0118
1	Lin et al.	2023	hsa-miR-155	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,4366
11e	Cogswell et al.	2008	hsa-miR-155	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0133
29a	Hébert et al.	2013	hsa-miR-155	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,3918
31	Zhao et al.	2013	hsa-miR-155	Brain tissue	Hippocampus	AD vs HC	6	3	3		72.1 ± 5.1	71.8 ± 4.4		Up in AD	+	0,0250
110	Pogue et al.	2018	hsa-miR-155	Brain tissue	Temporal Lobe Neocortex	AD vs HC	45	26	19		76.1 ± 9.3	75.4 ± 8.5		Up in AD	+	0,0050
17	Nunez-Iglesias et al.	2010	hsa-miR-15a	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Down in AD	-	0,0040
1	Lin et al.	2023	hsa-miR-15a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,7100
11c	Cogswell et al.	2008	hsa-miR-15a	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0102
29a	Hébert et al.	2013	hsa-miR-15a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,5369
1	Lin et al.	2023	hsa-miR-15b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,3260
85	Gong et al.	2017	hsa-miR-15b	Brain tissue	Frontal cortex	AD vs HC	75	40	35		0	0		Down in AD	-	0,0050
93a	Moncini et al.	2017	hsa-miR-15b	Brain tissue	Temporal cortex	AD vs HC	24	12	12		83 ± 8	0		Down in AD	-	0,0050
93b	Moncini et al.	2017	hsa-miR-15b	Brain tissue	Hippocampus	AD vs HC	24	12	12		83 ± 8	0		Down in AD	-	0,0250
29a	Hébert et al.	2013	hsa-miR-15b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,5253
1	Lin et al.	2023	hsa-miR-16	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,3024
11e	Cogswell et al.	2008	hsa-miR-16	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0199
39a	Müller et al.	2014	hsa-miR-16	Brain tissue	Hippocampus	AD vs HC	21	10	11		77.8 ± 10.6	82.5 ± 7.01		Down in AD	-	0,0005
93a	Moncini et al.	2017	hsa-miR-16	Brain tissue	Temporal cortex	AD vs HC	24	12	12		83 ± 8	0		Down in AD	-	0,0050
93b	Moncini et al.	2017	hsa-miR-16	Brain tissue	Hippocampus	AD vs HC	24	12	12		83 ± 8	0		Down in AD	-	0,0050
29a	Hébert et al.	2013	hsa-miR-16	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,7591
193	Estfanous et al.	2021	hsa-miR-17	Brain tissue	Temporal lobe	AD vs HC	28	14	14		75	76		Up in AD	+	0,0250
29a	Hébert et al.	2013	hsa-miR-17	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,0890
11e	Cogswell et al.	2008	hsa-miR-181a	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0461
49a	Weinberg et al.	2015	hsa-miR-181a	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1430
49b	Weinberg et al.	2015	hsa-miR-181a	Brain tissue	Frontal cortex	AD vs HC	22	10	12		88.6 ± 7.0	83.0 ± 5.9		Down in AD	-	0,0250
29a	Hébert et al.	2013	hsa-miR-181a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,7321
1	Lin et al.	2023	hsa-miR-181b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,9961
11b	Cogswell et al.	2008	hsa-miR-181b	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Down in AD	-	0,0004
11c	Cogswell et al.	2008	hsa-miR-181b	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0017

49a	Weinberg et al.	2015	hsa-miR-181b	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1170
29a	Hébert et al.	2013	hsa-miR-181b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,0771
1	Lin et al.	2023	hsa-miR-181c	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,1110
17	Nunez-Iglesias et al.	2010	hsa-miR-181c	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Down in AD	-	0,0015
21	Geekiyana et al.	2011	hsa-miR-181c	Brain tissue	Neocortex	AD vs HC	14	7	7		89	90		Down in AD	-	0,0060
11b	Cogswell et al.	2008	hsa-miR-181c	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Down in AD	-	0,0278
29a	Hébert et al.	2013	hsa-miR-181c	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,5714
49a	Weinberg et al.	2015	hsa-miR-181c	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1120
11b	Cogswell et al.	2008	hsa-miR-181d	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Down in AD	-	0,0023
11c	Cogswell et al.	2008	hsa-miR-181d	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0056
29a	Hébert et al.	2013	hsa-miR-181d	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7003
1	Lin et al.	2023	hsa-miR-181d	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,8923
1	Lin et al.	2023	hsa-miR-182	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,4536
106	Akhter et al.	2018	hsa-miR-182	Brain tissue	Cerebellum	AD vs HC	43	21	22		82	87		Down in AD	-	0,3101
29a	Hébert et al.	2013	hsa-miR-182	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,4244
135a	Cha et al.	2019	hsa-miR-182-5p	Brain tissue	Gray matter from cortex	AD vs HC	10	5	5		88	92		Down in AD	-	0,0200
135b	Cha et al.	2019	hsa-miR-182-5p	Brain tissue	Gray matter from cortex	AD vs HC	20	11	9		0	0		Down in AD	-	0,0090
29a	Hébert et al.	2013	hsa-miR-183	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,8155
89a	Pichler et al.	2017	hsa-miR-183	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Up in AD	+	0,0253
1	Lin et al.	2023	hsa-miR-184	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,8623
29a	Hébert et al.	2013	hsa-miR-184	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,6810
187a	Li et al.	2021	hsa-miR-184	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Up in AD	+	0,0250
49a	Weinberg et al.	2015	hsa-miR-184	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Up in AD	+	0,1210
17	Nunez-Iglesias et al.	2010	hsa-miR-185	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Up in AD	+	0,0088
29a	Hébert et al.	2013	hsa-miR-185	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,5424
186b	Li et al.	2021	hsa-miR-185-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,3710
186a	Li et al.	2021	hsa-miR-185-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0022
187a	Li et al.	2021	hsa-miR-185-5p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Up in AD	+	0,0250
209a	Sabaie et al.	2022	hsa-miR-185-5p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Up in AD	+	0,0000
1	Lin et al.	2023	hsa-miR-186	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,6347

29a	Hébert et al.	2013	hsa-miR-186	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,9745
89a	Pichler et al.	2017	hsa-miR-186	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0137
29a	Hébert et al.	2013	hsa-miR-187	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,2742
1	Lin et al.	2023	hsa-miR-187	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,0266
11e	Cogswell et al.	2008	hsa-miR-187	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Up in AD	+	0,0058
11g	Cogswell et al.	2008	hsa-miR-187	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0101
1	Lin et al.	2023	hsa-miR-18a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,8665
193	Estfanous et al.	2021	hsa-miR-18a	Brain tissue	Temporal lobe	AD vs HC	28	14	14		75	76		Up in AD	+	0,0250
1	Lin et al.	2023	hsa-miR-190	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,1307
29a	Hébert et al.	2013	hsa-miR-190	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,6702
11b	Cogswell et al.	2008	hsa-miR-190	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Up in AD	+	0,0171
11c	Cogswell et al.	2008	hsa-miR-190	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0003
11b	Cogswell et al.	2008	hsa-miR-191	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Down in AD	-	0,0371
11d	Cogswell et al.	2008	hsa-miR-191	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0015
11e	Cogswell et al.	2008	hsa-miR-191	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0104
29a	Hébert et al.	2013	hsa-miR-191	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,8334
89a	Pichler et al.	2017	hsa-miR-191	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0393
1	Lin et al.	2023	hsa-miR-191	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,1306
186a	Li et al.	2021	hsa-miR-191-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0038
186b	Li et al.	2021	hsa-miR-191-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,1700
1	Lin et al.	2023	hsa-miR-192	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,8199
11e	Cogswell et al.	2008	hsa-miR-192	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0370
29a	Hébert et al.	2013	hsa-miR-192	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,9760
1	Lin et al.	2023	hsa-miR-193a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,4213
11b	Cogswell et al.	2008	hsa-miR-193a	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Up in AD	+	0,0136
11c	Cogswell et al.	2008	hsa-miR-193a	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0000
11e	Cogswell et al.	2008	hsa-miR-193a	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Up in AD	+	0,0198
1	Lin et al.	2023	hsa-miR-193b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,3349
29a	Hébert et al.	2013	hsa-miR-193b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,1691
11g	Cogswell et al.	2008	hsa-miR-194	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0483

1	Lin et al.	2023	hsa-miR-194	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,5172
106	Akhter et al.	2018	hsa-miR-194	Brain tissue	Cerebellum	AD vs HC	43	21	22		82	87		Up in AD	+	0,4320
29a	Hébert et al.	2013	hsa-miR-194	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,7783
1	Lin et al.	2023	hsa-miR-195	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,0363
195a	Cao et al.	2021	hsa-miR-195	Brain tissue	Parietal Cortex	AD vs HC	32	19	13		0	0		Down in AD	-	0,0001
93a	Moncini et al.	2017	hsa-miR-195	Brain tissue	Temporal cortex	AD vs HC	24	12	12		83 ± 8	0		Down in AD	-	0,0250
93b	Moncini et al.	2017	hsa-miR-195	Brain tissue	Hippocampus	AD vs HC	24	12	12		83 ± 8	0		Down in AD	-	0,0050
29a	Hébert et al.	2013	hsa-miR-195	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,9397
89a	Pichler et al.	2017	hsa-miR-195	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Up in AD	+	0,0044
1	Lin et al.	2023	hsa-miR-196b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,4540
89a	Pichler et al.	2017	hsa-miR-196b	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Up in AD	+	0,0272
1	Lin et al.	2023	hsa-miR-197	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,2121
11e	Cogswell et al.	2008	hsa-miR-197	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Up in AD	+	0,0379
29a	Hébert et al.	2013	hsa-miR-197	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,8934
1	Lin et al.	2023	hsa-miR-199a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,6392
11c	Cogswell et al.	2008	hsa-miR-199a	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0456
35	Lau et al.	2013	hsa-miR-199a-3p	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Up in AD	+	0,0049
186a	Li et al.	2021	hsa-miR-199a-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0000
186b	Li et al.	2021	hsa-miR-199a-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,4550
35	Lau et al.	2013	hsa-miR-199b-3p	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Up in AD	+	0,0049
186a	Li et al.	2021	hsa-miR-199b-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0000
186b	Li et al.	2021	hsa-miR-199b-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,4540
29a	Hébert et al.	2013	hsa-miR-199b-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,8636
1	Lin et al.	2023	hsa-miR-19a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,1211
193	Estfanous et al.	2021	hsa-miR-19a	Brain tissue	Temporal lobe	AD vs HC	28	14	14		75	76		Up in AD	+	0,0250
29a	Hébert et al.	2013	hsa-miR-19a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,1690
1	Lin et al.	2023	hsa-miR-19b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,4831
193	Estfanous et al.	2021	hsa-miR-19b	Brain tissue	Temporal lobe	AD vs HC	28	14	14		75	76		Up in AD	+	0,0250
29a	Hébert et al.	2013	hsa-miR-19b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,1318
89a	Pichler et al.	2017	hsa-miR-200a	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0161

1	Lin et al.	2023	hsa-miR-200a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,6398
29a	Hébert et al.	2013	hsa-miR-200a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,3171
1	Lin et al.	2023	hsa-miR-200b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,3507
89a	Pichler et al.	2017	hsa-miR-200b	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0334
29a	Hébert et al.	2013	hsa-miR-200b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,0932
1	Lin et al.	2023	hsa-miR-200c	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,8188
11d	Cogswell et al.	2008	hsa-miR-200c	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0365
11c	Cogswell et al.	2008	hsa-miR-200c	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0302
11d	Cogswell et al.	2008	hsa-miR-203	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0071
29a	Hébert et al.	2013	hsa-miR-203	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7002
1	Lin et al.	2023	hsa-miR-203	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,5307
1	Lin et al.	2023	hsa-miR-204	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,5249
29a	Hébert et al.	2013	hsa-miR-204	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,3919
49a	Weinberg et al.	2015	hsa-miR-204	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0397
1	Lin et al.	2023	hsa-miR-206	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,1040
11g	Cogswell et al.	2008	hsa-miR-206	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0007
24	Lee et al.	2012	hsa-miR-206	Brain tissue	Superior temporal cortex	AD vs HC	8	4	4		83	77		Up in AD	+	0,0250
72	Zhao et al.	2016	hsa-miR-206	Brain tissue	Parietal lobe	AD vs HC	8	4	4		85	92		Up in AD	+	0,0250
187a	Li et al.	2021	hsa-miR-206	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Up in AD	+	0,0250
49a	Weinberg et al.	2015	hsa-miR-206	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Up in AD	+	0,1120
1	Lin et al.	2023	hsa-miR-20a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,3978
193	Estfanous et al.	2021	hsa-miR-20a	Brain tissue	Temporal lobe	AD vs HC	28	14	14		75	76		Up in AD	+	0,0250
29a	Hébert et al.	2013	hsa-miR-20a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,5969
1	Lin et al.	2023	hsa-miR-20b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,3874
17	Nunez-Iglesias et al.	2010	hsa-miR-20b	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Down in AD	-	0,0085
29a	Hébert et al.	2013	hsa-miR-20b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,4005
1	Lin et al.	2023	hsa-miR-21	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,3708
49a	Weinberg et al.	2015	hsa-miR-21	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0877
49b	Weinberg et al.	2015	hsa-miR-21	Brain tissue	Frontal cortex	AD vs HC	22	10	12		88.6 ± 7.0	83.0 ± 5.9		Down in AD	-	0,0250

11c	Cogswell et al.	2008	hsa-miR-21	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0128
29a	Hébert et al.	2013	hsa-miR-21	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,0292
11c	Cogswell et al.	2008	hsa-miR-210	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0191
11f	Cogswell et al.	2008	hsa-miR-210	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0238
11g	Cogswell et al.	2008	hsa-miR-210	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0329
29a	Hébert et al.	2013	hsa-miR-210	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7820
1	Lin et al.	2023	hsa-miR-210	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,9206
1	Lin et al.	2023	hsa-miR-211	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,3782
29a	Hébert et al.	2013	hsa-miR-211	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,8065
209a	Sabaie et al.	2022	hsa-miR-2110	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
29a	Hébert et al.	2013	hsa-miR-2110	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,9775
107a	Hadar et al.	2018	hsa-miR-212	Brain tissue	Hippocampus	AD vs HC	34	14	20		88.2 ± 6.2	86.5 ± 10.5		Down in AD	-	0,0040
107b	Hadar et al.	2018	hsa-miR-212	Brain tissue	Olfactory bulb	AD vs HC	34	14	20		88.2 ± 6.2	86.5 ± 10.5		Down in AD	-	0,0250
11e	Cogswell et al.	2008	hsa-miR-212	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0025
11f	Cogswell et al.	2008	hsa-miR-212	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0005
11g	Cogswell et al.	2008	hsa-miR-212	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0066
29a	Hébert et al.	2013	hsa-miR-212	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,1688
49a	Weinberg et al.	2015	hsa-miR-212	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1290
49b	Weinberg et al.	2015	hsa-miR-212	Brain tissue	Frontal cortex	AD vs HC	22	10	12		88.6 ± 7.0	83.0 ± 5.9		Down in AD	-	0,0050
135a	Cha et al.	2019	hsa-miR-212-3p	Brain tissue	Gray matter from cortex	AD vs HC	10	5	5		88	92		Down in AD	-	0,0050
186a	Li et al.	2021	hsa-miR-212-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0449
186b	Li et al.	2021	hsa-miR-212-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,0001
89a	Pichler et al.	2017	hsa-miR-212-3p	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0000
89b	Pichler et al.	2017	hsa-miR-212-3p	Brain tissue	Temporal cortex and frontal cortex	AD vs HC	16	8	8		78.0 ± 8.3	78.4 ± 8.1		Down in AD	-	0,0181
89c	Pichler et al.	2017	hsa-miR-212-3p	Brain tissue	Temporal cortex and frontal cortex	AD vs HC	16	8	8		78.0 ± 8.3	78.4 ± 8.1		Down in AD	-	0,0172
89d	Pichler et al.	2017	hsa-miR-212-3p	Brain tissue	Prefrontal cortex	AD vs HC	312	225	87		79.4 ± 11.0	81.8 ± 9.2		Down in AD	-	0,0000
209a	Sabaie et al.	2022	hsa-miR-212-3p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Up in AD	+	0,0002
186a	Li et al.	2021	hsa-miR-212-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0001
186b	Li et al.	2021	hsa-miR-212-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,0000
1	Lin et al.	2023	hsa-miR-213	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,4622
11b	Cogswell et al.	2008	hsa-miR-213	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Up in AD	+	0,0312
11g	Cogswell et al.	2008	hsa-miR-213	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0087

1	Lin et al.	2023	hsa-miR-214	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,9557
11f	Cogswell et al.	2008	hsa-miR-214	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0101
29a	Hébert et al.	2013	hsa-miR-214	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,5202
29a	Hébert et al.	2013	hsa-miR-218	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,5042
1	Lin et al.	2023	hsa-miR-218	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,1431
11f	Cogswell et al.	2008	hsa-miR-219	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0120
1	Lin et al.	2023	hsa-miR-219	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,5439
35	Lau et al.	2013	hsa-miR-219-2-3p	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Down in AD	-	0,0060
29a	Hébert et al.	2013	hsa-miR-219-2-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,3226
187b	Li et al.	2021	hsa-miR-219a-2-3p	Brain tissue	Frontal lobe	AD vs HC	13	6	7		0	0		Down in AD	-	0,0250
209a	Sabaie et al.	2022	hsa-miR-219a-2-3p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Up in AD	+	0,0003
187a	Li et al.	2021	hsa-miR-219a-5p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
135a	Cha et al.	2019	hsa-miR-219a-5p	Brain tissue	Gray matter from cortex	AD vs HC	10	5	5		88	92		Up in AD	+	0,0050
29a	Hébert et al.	2013	hsa-miR-22	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,4616
89a	Pichler et al.	2017	hsa-miR-22	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0022
1	Lin et al.	2023	hsa-miR-22	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,6864
29a	Hébert et al.	2013	hsa-miR-222	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,4643
1	Lin et al.	2023	hsa-miR-222	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,7083
186a	Li et al.	2021	hsa-miR-222-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0011
186b	Li et al.	2021	hsa-miR-222-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,1940
1	Lin et al.	2023	hsa-miR-223	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,7113
29a	Hébert et al.	2013	hsa-miR-223	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,3513
1	Lin et al.	2023	hsa-miR-224	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,0605
11d	Cogswell et al.	2008	hsa-miR-224	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0239
11e	Cogswell et al.	2008	hsa-miR-224	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Up in AD	+	0,0217
29a	Hébert et al.	2013	hsa-miR-224	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,9506
186a	Li et al.	2021	hsa-miR-22-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0002
186b	Li et al.	2021	hsa-miR-22-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,6480

1	Lin et al.	2023	hsa-miR-23a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,2224
49a	Weinberg et al.	2015	hsa-miR-23a	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1120
49b	Weinberg et al.	2015	hsa-miR-23a	Brain tissue	Frontal cortex	AD vs HC	22	10	12		88.6 ± 7.0	83.0 ± 5.9		Down in AD	-	0,0050
11d	Cogswell et al.	2008	hsa-miR-23a	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0185
29a	Hébert et al.	2013	hsa-miR-23a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,1417
1	Lin et al.	2023	hsa-miR-23b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,5523
49a	Weinberg et al.	2015	hsa-miR-23b	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1410
49b	Weinberg et al.	2015	hsa-miR-23b	Brain tissue	Frontal cortex	AD vs HC	22	10	12		88.6 ± 7.0	83.0 ± 5.9		Down in AD	-	0,0050
11g	Cogswell et al.	2008	hsa-miR-23b	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0221
29a	Hébert et al.	2013	hsa-miR-23b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,5048
1	Lin et al.	2023	hsa-miR-24	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,3768
11b	Cogswell et al.	2008	hsa-miR-24	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Down in AD	-	0,0200
11c	Cogswell et al.	2008	hsa-miR-24	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0078
49a	Weinberg et al.	2015	hsa-miR-24	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1350
29a	Hébert et al.	2013	hsa-miR-24	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,8080
1	Lin et al.	2023	hsa-miR-25	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,4155
29a	Hébert et al.	2013	hsa-miR-25	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,4463
1	Lin et al.	2023	hsa-miR-26a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,8283
11g	Cogswell et al.	2008	hsa-miR-26a	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0019
11c	Cogswell et al.	2008	hsa-miR-26a	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0069
29a	Hébert et al.	2013	hsa-miR-26a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,8859
1	Lin et al.	2023	hsa-miR-26b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,3628
11c	Cogswell et al.	2008	hsa-miR-26b	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0196
34c	Absalon et al.	2013	hsa-miR-26b	Brain tissue	Temporal Cortex	AD vs HC	18	10	8		81.0 ± 6.2	76.5 ± 5.5		Up in AD	+	0,0003
1	Lin et al.	2023	hsa-miR-27a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,8609
11b	Cogswell et al.	2008	hsa-miR-27a	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Up in AD	+	0,0416
11c	Cogswell et al.	2008	hsa-miR-27a	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0030
11d	Cogswell et al.	2008	hsa-miR-27a	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0363
29a	Hébert et al.	2013	hsa-miR-27a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,4119
187a	Li et al.	2021	hsa-miR-27a-3p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
35	Lau et al.	2013	hsa-miR-27a-3p	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Up in AD	+	0,0002

1	Lin et al.	2023	hsa-miR-27b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,6856
11b	Cogswell et al.	2008	hsa-miR-27b	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Up in AD	+	0,0186
11c	Cogswell et al.	2008	hsa-miR-27b	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0150
11f	Cogswell et al.	2008	hsa-miR-27b	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0270
11g	Cogswell et al.	2008	hsa-miR-27b	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0062
29a	Hébert et al.	2013	hsa-miR-27b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,8932
1	Lin et al.	2023	hsa-miR-28	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,5356
11d	Cogswell et al.	2008	hsa-miR-28	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0032
186a	Li et al.	2021	hsa-miR-28-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0013
186b	Li et al.	2021	hsa-miR-28-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,8060
29a	Hébert et al.	2013	hsa-miR-28-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,6155
187a	Li et al.	2021	hsa-miR-28-5p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
29a	Hébert et al.	2013	hsa-miR-28-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,1766
1	Lin et al.	2023	hsa-miR-296	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,5842
11e	Cogswell et al.	2008	hsa-miR-296	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Up in AD	+	0,0075
11f	Cogswell et al.	2008	hsa-miR-296	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0383
29a	Hébert et al.	2013	hsa-miR-299-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,1469
1	Lin et al.	2023	hsa-miR-299-5p	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,7582
21	Geekiyana et al.	2011	hsa-miR-29a	Brain tissue	Neocortex	AD vs HC	14	7	7		89	90		Down in AD	-	0,0297
1	Lin et al.	2023	hsa-miR-29a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,5125
11g	Cogswell et al.	2008	hsa-miR-29a	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0141
29a	Hébert et al.	2013	hsa-miR-29a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,7680
13	Hébert et al.	2008	hsa-miR-29b	Brain tissue	Anterior temporal cortex	AD vs HC	10	5	5		75	69		Down in AD	-	0,0275
17	Nunez-Iglesias et al.	2010	hsa-miR-29b	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Down in AD	-	0,0014
21	Geekiyana et al.	2011	hsa-miR-29b	Brain tissue	Neocortex	AD vs HC	14	7	7		89	90		Down in AD	-	0,0296
29a	Hébert et al.	2013	hsa-miR-29b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7569
11g	Cogswell et al.	2008	hsa-miR-29b	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0002
1	Lin et al.	2023	hsa-miR-29c	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,5652
17	Nunez-Iglesias et al.	2010	hsa-miR-29c	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Down in AD	-	0,0070
48	Lei et al.	2015	hsa-miR-29c	Brain tissue	Frontal cortex	AD vs HC	60	31	29		78.2 ± 5.45	79.5 ± 6.07		Down in AD	-	0,0005

29a	Hébert et al.	2013	hsa-miR-29c	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,8018
187a	Li et al.	2021	hsa-miR-29c-3p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
187b	Li et al.	2021	hsa-miR-29c-3p	Brain tissue	Frontal lobe	AD vs HC	13	6	7		0	0		Up in AD	+	0,0250
1	Lin et al.	2023	hsa-miR-301	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,2744
11e	Cogswell et al.	2008	hsa-miR-301	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0004
11g	Cogswell et al.	2008	hsa-miR-301	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0193
49a	Weinberg et al.	2015	hsa-miR-301a	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1200
29a	Hébert et al.	2013	hsa-miR-301a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,2824
186a	Li et al.	2021	hsa-miR-301a-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0025
186b	Li et al.	2021	hsa-miR-301a-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,3270
29a	Hébert et al.	2013	hsa-miR-301b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,3473
89a	Pichler et al.	2017	hsa-miR-301b	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Up in AD	+	0,0364
186a	Li et al.	2021	hsa-miR-301b-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0034
186b	Li et al.	2021	hsa-miR-301b-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,6610
187b	Li et al.	2021	hsa-miR-3065-3p	Brain tissue	Frontal lobe	AD vs HC	13	6	7		0	0		Down in AD	-	0,0250
29a	Hébert et al.	2013	hsa-miR-3065-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7514
49a	Weinberg et al.	2015	hsa-miR-30a	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0958
29a	Hébert et al.	2013	hsa-miR-30a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,2680
1	Lin et al.	2023	hsa-miR-30a-3p	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,6571
11b	Cogswell et al.	2008	hsa-miR-30a-3p	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Up in AD	+	0,0409
186a	Li et al.	2021	hsa-miR-30a-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0019
186b	Li et al.	2021	hsa-miR-30a-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,3430
1	Lin et al.	2023	hsa-miR-30a-5p	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,4947
11c	Cogswell et al.	2008	hsa-miR-30a-5p	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0079
1	Lin et al.	2023	hsa-miR-30b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,1497
29a	Hébert et al.	2013	hsa-miR-30b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,4079
123	Song et al.	2019	hsa-miR-30b	Brain tissue	Hippocampus	AD vs HC	29	15	14		76.3 ± 3.1	80.1 ± 3.3		Up in AD	+	0,0005
1	Lin et al.	2023	hsa-miR-30c	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,6317
11c	Cogswell et al.	2008	hsa-miR-30c	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0194
29a	Hébert et al.	2013	hsa-miR-30c	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,6024

49a	Weinberg et al.	2015	hsa-miR-30c	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1400
11d	Cogswell et al.	2008	hsa-miR-30c	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0428
89a	Pichler et al.	2017	hsa-miR-30c	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Up in AD	+	0,0272
186a	Li et al.	2021	hsa-miR-30c-2-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0003
186b	Li et al.	2021	hsa-miR-30c-2-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,5990
1	Lin et al.	2023	hsa-miR-30d	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,0094
29a	Hébert et al.	2013	hsa-miR-30d	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,5338
49a	Weinberg et al.	2015	hsa-miR-30d	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1240
29a	Hébert et al.	2013	hsa-miR-30e	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,5012
49a	Weinberg et al.	2015	hsa-miR-30e	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0740
163	Henriques et al.	2020	hsa-miR-30e-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	34	16	18		80.9 ± 7.9	77.9 ± 9.9		Down in AD	-	0,0140
187a	Li et al.	2021	hsa-miR-30e-3p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
187b	Li et al.	2021	hsa-miR-30e-3p	Brain tissue	Frontal lobe	AD vs HC	13	6	7		0	0		Down in AD	-	0,0250
1	Lin et al.	2023	hsa-miR-30e-3p	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,4447
72	Zhao et al.	2016	hsa-miR-30e-3p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		85	92		Up in AD	+	0,0250
11b	Cogswell et al.	2008	hsa-miR-30e-3p	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Up in AD	+	0,0138
186a	Li et al.	2021	hsa-miR-30e-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0006
186b	Li et al.	2021	hsa-miR-30e-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,2970
1	Lin et al.	2023	hsa-miR-30e-5p	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,0464
17	Nunez-Iglesias et al.	2010	hsa-miR-30e-5p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Down in AD	-	0,0058
187a	Li et al.	2021	hsa-miR-30e-5p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
72	Zhao et al.	2016	hsa-miR-30e-5p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		85	92		Up in AD	+	0,0250
11c	Cogswell et al.	2008	hsa-miR-30e-5p	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0151
11g	Cogswell et al.	2008	hsa-miR-30e-5p	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0090
186a	Li et al.	2021	hsa-miR-30e-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0018
11c	Cogswell et al.	2008	hsa-miR-31	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0121
29a	Hébert et al.	2013	hsa-miR-31	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,4374
1	Lin et al.	2023	hsa-miR-31	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,1811
186a	Li et al.	2021	hsa-miR-3151-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0029
186b	Li et al.	2021	hsa-miR-3151-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,7620
1	Lin et al.	2023	hsa-miR-32	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,3060
11e	Cogswell et al.	2008	hsa-miR-32	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0204

89a	Pichler et al.	2017	hsa-miR-32	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0161
11b	Cogswell et al.	2008	hsa-miR-32	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Up in AD	+	0,0172
29a	Hébert et al.	2013	hsa-miR-32	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,3596
1	Lin et al.	2023	hsa-miR-320	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,2234
17	Nunez-Iglesias et al.	2010	hsa-miR-320	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Up in AD	+	0,0047
49a	Weinberg et al.	2015	hsa-miR-320a	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0703
29a	Hébert et al.	2013	hsa-miR-320a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,1323
186a	Li et al.	2021	hsa-miR-320a-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0000
186b	Li et al.	2021	hsa-miR-320a-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,1710
187a	Li et al.	2021	hsa-miR-320a-3p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Up in AD	+	0,0250
49a	Weinberg et al.	2015	hsa-miR-320b	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0707
186a	Li et al.	2021	hsa-miR-320b	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0000
186b	Li et al.	2021	hsa-miR-320b	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,2190
29a	Hébert et al.	2013	hsa-miR-320b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,2283
29a	Hébert et al.	2013	hsa-miR-323-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,6536
89a	Pichler et al.	2017	hsa-miR-323-3p	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0035
186a	Li et al.	2021	hsa-miR-323a-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0034
186b	Li et al.	2021	hsa-miR-323a-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,0159
11b	Cogswell et al.	2008	hsa-miR-324-3p	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Down in AD	-	0,0339
209a	Sabaie et al.	2022	hsa-miR-324-3p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
1	Lin et al.	2023	hsa-miR-324-3p	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,2831
29a	Hébert et al.	2013	hsa-miR-324-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,8568
29a	Hébert et al.	2013	hsa-miR-324-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,9803
89a	Pichler et al.	2017	hsa-miR-324-5p	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0208
1	Lin et al.	2023	hsa-miR-324-5p	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,1836
11c	Cogswell et al.	2008	hsa-miR-324-5p	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0382
186a	Li et al.	2021	hsa-miR-32-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0002
186b	Li et al.	2021	hsa-miR-32-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,7230
135a	Cha et al.	2019	hsa-miR-32-5p	Brain tissue	Gray matter from cortex	AD vs HC	10	5	5		88	92		Up in AD	+	0,0400
135b	Cha et al.	2019	hsa-miR-32-5p	Brain tissue	Gray matter from cortex	AD vs HC	20	11	9		0	0		Up in AD	+	0,0250

1	Lin et al.	2023	hsa-miR-326	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,2334
29a	Hébert et al.	2013	hsa-miR-326	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,3820
1	Lin et al.	2023	hsa-miR-328	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,4913
11c	Cogswell et al.	2008	hsa-miR-328	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0238
29a	Hébert et al.	2013	hsa-miR-328	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,8946
35	Lau et al.	2013	hsa-miR-329	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Down in AD	-	0,0020
29a	Hébert et al.	2013	hsa-miR-329	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,9806
1	Lin et al.	2023	hsa-miR-330	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,7857
11c	Cogswell et al.	2008	hsa-miR-330	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0065
49a	Weinberg et al.	2015	hsa-miR-330-5p	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0587
29a	Hébert et al.	2013	hsa-miR-330-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,7313
11c	Cogswell et al.	2008	hsa-miR-331	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0005
1	Lin et al.	2023	hsa-miR-331	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,3225
209a	Sabaie et al.	2022	hsa-miR-331-3p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
29a	Hébert et al.	2013	hsa-miR-331-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,1787
1	Lin et al.	2023	hsa-miR-335	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,4557
11c	Cogswell et al.	2008	hsa-miR-335	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0001
1	Lin et al.	2023	hsa-miR-338	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,7934
11c	Cogswell et al.	2008	hsa-miR-338	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0382
11e	Cogswell et al.	2008	hsa-miR-338	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Up in AD	+	0,0453
187a	Li et al.	2021	hsa-miR-338-3p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
29a	Hébert et al.	2013	hsa-miR-338-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,2842
124	Qian et al.	2019	hsa-miR-338-5p	Brain tissue	Hippocampus	AD vs HC	23	12	11		80.5 ± 2.7	82.0 ± 3.1		Down in AD	-	0,0050
29a	Hébert et al.	2013	hsa-miR-338-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,1802
1	Lin et al.	2023	hsa-miR-339	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,5873
11c	Cogswell et al.	2008	hsa-miR-339	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0131
186a	Li et al.	2021	hsa-miR-339-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0008
186b	Li et al.	2021	hsa-miR-339-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,0418
49a	Weinberg et al.	2015	hsa-miR-339-5p	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1270

29a	Hébert et al.	2013	hsa-miR-339-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,3608
29a	Hébert et al.	2013	hsa-miR-33a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,8526
49a	Weinberg et al.	2015	hsa-miR-33a	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1210
1	Lin et al.	2023	hsa-miR-340	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,5417
11e	Cogswell et al.	2008	hsa-miR-340	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0000
11d	Cogswell et al.	2008	hsa-miR-340	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0349
29a	Hébert et al.	2013	hsa-miR-340	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,7847
11g	Cogswell et al.	2008	hsa-miR-342	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0193
1	Lin et al.	2023	hsa-miR-342	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,1424
209a	Sabaie et al.	2022	hsa-miR-342-3p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
29a	Hébert et al.	2013	hsa-miR-342-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7307
131	Fu et al.	2019	hsa-miR-342-3p	Brain tissue	Hippocampus	AD vs HC	13	8	5		83	84		Up in AD	+	0,0250
1	Lin et al.	2023	hsa-miR-345	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,9227
29a	Hébert et al.	2013	hsa-miR-345	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,6277
209a	Sabaie et al.	2022	hsa-miR-346	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
11e	Cogswell et al.	2008	hsa-miR-346	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Up in AD	+	0,0038
11f	Cogswell et al.	2008	hsa-miR-346	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0095
29a	Hébert et al.	2013	hsa-miR-34a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,3262
1	Lin et al.	2023	hsa-miR-34a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,3937
31	Zhao et al.	2013	hsa-miR-34a	Brain tissue	Hippocampus	AD vs HC	6	3	3		72.1 ± 5.1	71.8 ± 4.4		Up in AD	+	0,0050
78	Sarkar et al.	2016	hsa-miR-34a	Brain tissue	Temporal cortex, frontal cortex and cerebellum	AD vs HC	23	13	10		76	77		Up in AD	+	0,0005
110	Pogue et al.	2018	hsa-miR-34a	Brain tissue	Temporal Lobe Neocortex	AD vs HC	45	26	19		76.1 ± 9.3	75.4 ± 8.5		Up in AD	+	0,0050
11b	Cogswell et al.	2008	hsa-miR-34a	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Up in AD	+	0,0405
11c	Cogswell et al.	2008	hsa-miR-34a	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0027
11d	Cogswell et al.	2008	hsa-miR-34a	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0158
186a	Li et al.	2021	hsa-miR-34a-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0005
186b	Li et al.	2021	hsa-miR-34a-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,5640
1	Lin et al.	2023	hsa-miR-34b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,5169
49a	Weinberg et al.	2015	hsa-miR-34b	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1090

29a	Hébert et al.	2013	hsa-miR-34b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,4955
187a	Li et al.	2021	hsa-miR-34c-5p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
29a	Hébert et al.	2013	hsa-miR-34c-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,3890
29a	Hébert et al.	2013	hsa-miR-3605-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,3324
89a	Pichler et al.	2017	hsa-miR-3605-5p	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Up in AD	+	0,0234
1	Lin et al.	2023	hsa-miR-361	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,3821
11c	Cogswell et al.	2008	hsa-miR-361	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0001
209a	Sabaie et al.	2022	hsa-miR-3613-3p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Up in AD	+	0,0000
95d	Kumar et al.	2017	hsa-miR-3613-3p	Brain tissue	Frontal cortex	AD vs HC	21	16	5		0	0		Up in AD	+	0,0030
89a	Pichler et al.	2017	hsa-miR-3622b-3p	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0222
29a	Hébert et al.	2013	hsa-miR-3622b-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,4889
186b	Li et al.	2021	hsa-miR-362-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,6020
29a	Hébert et al.	2013	hsa-miR-362-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,4865
35	Lau et al.	2013	hsa-miR-362-3p	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Up in AD	+	0,0014
186a	Li et al.	2021	hsa-miR-362-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0021
1	Lin et al.	2023	hsa-miR-365	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,0429
29a	Hébert et al.	2013	hsa-miR-365	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,9238
163	Henriques et al.	2020	hsa-miR-365b-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	34	16	18		80.9 ± 7.9	77.9 ± 9.9		Down in AD	-	0,0170
235	Wang et al.	2022	hsa-miR-365b-5p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0050
11b	Cogswell et al.	2008	hsa-miR-367	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Up in AD	+	0,0017
11d	Cogswell et al.	2008	hsa-miR-367	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0094
187a	Li et al.	2021	hsa-miR-369-3p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
29a	Hébert et al.	2013	hsa-miR-369-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,8568
72	Zhao et al.	2016	hsa-miR-369-3p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		85	92		Up in AD	+	0,0250
11c	Cogswell et al.	2008	hsa-miR-369-3p	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0040
29a	Hébert et al.	2013	hsa-miR-369-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,1597
89a	Pichler et al.	2017	hsa-miR-369-5p	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0047
1	Lin et al.	2023	hsa-miR-369-5p	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,3592
35	Lau et al.	2013	hsa-miR-370	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Down in AD	-	0,0002
29a	Hébert et al.	2013	hsa-miR-370	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,6517

1	Lin et al.	2023	hsa-miR-374	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,0977
17	Nunez-Iglesias et al.	2010	hsa-miR-374	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Down in AD	-	0,0045
11e	Cogswell et al.	2008	hsa-miR-374	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0412
11c	Cogswell et al.	2008	hsa-miR-374	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0133
1	Lin et al.	2023	hsa-miR-375	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,5201
162	Gugliandolo et al.	2020	hsa-miR-375	Brain tissue	Brain tissue	AD vs HC	20	11	9		0	0		Down in AD	-	0,0250
29a	Hébert et al.	2013	hsa-miR-375	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,0133
1	Lin et al.	2023	hsa-miR-376a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,0556
17	Nunez-Iglesias et al.	2010	hsa-miR-376a	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Down in AD	-	0,0068
11b	Cogswell et al.	2008	hsa-miR-376a	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Down in AD	-	0,0078
11e	Cogswell et al.	2008	hsa-miR-376a	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0056
29a	Hébert et al.	2013	hsa-miR-376a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,6233
29a	Hébert et al.	2013	hsa-miR-376c	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,6679
89a	Pichler et al.	2017	hsa-miR-376c	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0249
1	Lin et al.	2023	hsa-miR-378	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,2942
29a	Hébert et al.	2013	hsa-miR-378	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,5138
186a	Li et al.	2021	hsa-miR-378a-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0007
186b	Li et al.	2021	hsa-miR-378a-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,1660
187a	Li et al.	2021	hsa-miR-378a-3p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Up in AD	+	0,0250
29a	Hébert et al.	2013	hsa-miR-378d	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,3072
186a	Li et al.	2021	hsa-miR-378d	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0008
186b	Li et al.	2021	hsa-miR-378d	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,3190
29a	Hébert et al.	2013	hsa-miR-379	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,1459
1	Lin et al.	2023	hsa-miR-379	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,7865
187a	Li et al.	2021	hsa-miR-379-5p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
209a	Sabaie et al.	2022	hsa-miR-379-5p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Up in AD	+	0,0000
29a	Hébert et al.	2013	hsa-miR-381	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,4606
11c	Cogswell et al.	2008	hsa-miR-381	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0000
11e	Cogswell et al.	2008	hsa-miR-381	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Up in AD	+	0,0124
11g	Cogswell et al.	2008	hsa-miR-381	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0133

186a	Li et al.	2021	hsa-miR-381-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0029
186b	Li et al.	2021	hsa-miR-381-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,8560
11b	Cogswell et al.	2008	hsa-miR-382	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Down in AD	-	0,0396
11d	Cogswell et al.	2008	hsa-miR-382	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0415
11e	Cogswell et al.	2008	hsa-miR-382	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0110
11f	Cogswell et al.	2008	hsa-miR-382	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0239
29a	Hébert et al.	2013	hsa-miR-382	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,1581
49a	Weinberg et al.	2015	hsa-miR-382	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0408
1	Lin et al.	2023	hsa-miR-382	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,2404
17	Nunez-Iglesias et al.	2010	hsa-miR-382	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Up in AD	+	0,0083
29a	Hébert et al.	2013	hsa-miR-383	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,4481
1	Lin et al.	2023	hsa-miR-383	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,1684
29a	Hébert et al.	2013	hsa-miR-3909	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,3213
89a	Pichler et al.	2017	hsa-miR-3909	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Up in AD	+	0,0283
186a	Li et al.	2021	hsa-miR-3912-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0028
186b	Li et al.	2021	hsa-miR-3912-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,2230
186a	Li et al.	2021	hsa-miR-3912-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0017
186b	Li et al.	2021	hsa-miR-3912-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,2800
29a	Hébert et al.	2013	hsa-miR-3943	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,4147
89a	Pichler et al.	2017	hsa-miR-3943	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0122
29a	Hébert et al.	2013	hsa-miR-409-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,2012
187a	Li et al.	2021	hsa-miR-409-3p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Up in AD	+	0,0250
35	Lau et al.	2013	hsa-miR-409-5p	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Down in AD	-	0,0022
89a	Pichler et al.	2017	hsa-miR-409-5p	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0086
1	Lin et al.	2023	hsa-miR-409-5p	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,4181
35	Lau et al.	2013	hsa-miR-410	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Down in AD	-	0,0028
29a	Hébert et al.	2013	hsa-miR-410	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,3875
1	Lin et al.	2023	hsa-miR-410	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,9834
162	Gugliandolo et al.	2020	hsa-miR-411	Brain tissue	Brain tissue	AD vs HC	20	11	9		0	0		Down in AD	-	0,0250
29a	Hébert et al.	2013	hsa-miR-411	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,1130

1	Lin et al.	2023	hsa-miR-411	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,4150
187a	Li et al.	2021	hsa-miR-411-5p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
187b	Li et al.	2021	hsa-miR-411-5p	Brain tissue	Frontal lobe	AD vs HC	13	6	7		0	0		Down in AD	-	0,0250
186a	Li et al.	2021	hsa-miR-421	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0001
186b	Li et al.	2021	hsa-miR-421	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,0095
29a	Hébert et al.	2013	hsa-miR-421	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,8794
1	Lin et al.	2023	hsa-miR-422a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,7083
11e	Cogswell et al.	2008	hsa-miR-422a	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Up in AD	+	0,0278
11f	Cogswell et al.	2008	hsa-miR-422a	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0231
11g	Cogswell et al.	2008	hsa-miR-422a	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0218
1	Lin et al.	2023	hsa-miR-422b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,4728
11c	Cogswell et al.	2008	hsa-miR-422b	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0147
11e	Cogswell et al.	2008	hsa-miR-422b	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Up in AD	+	0,0023
1	Lin et al.	2023	hsa-miR-423	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,5642
11f	Cogswell et al.	2008	hsa-miR-423	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0032
11g	Cogswell et al.	2008	hsa-miR-423	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0324
209a	Sabaie et al.	2022	hsa-miR-423-3p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
49a	Weinberg et al.	2015	hsa-miR-423-3p	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0276
89a	Pichler et al.	2017	hsa-miR-423-3p	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0002
29a	Hébert et al.	2013	hsa-miR-423-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,4456
209a	Sabaie et al.	2022	hsa-miR-423-5p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
29a	Hébert et al.	2013	hsa-miR-423-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,6283
89a	Pichler et al.	2017	hsa-miR-423-5p	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Up in AD	+	0,0333
29a	Hébert et al.	2013	hsa-miR-424	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,6003
11c	Cogswell et al.	2008	hsa-miR-424	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0172
11b	Cogswell et al.	2008	hsa-miR-425	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Down in AD	-	0,0102
11c	Cogswell et al.	2008	hsa-miR-425	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0027
11d	Cogswell et al.	2008	hsa-miR-425	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0378
11f	Cogswell et al.	2008	hsa-miR-425	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0396
29a	Hébert et al.	2013	hsa-miR-425	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,0379
1	Lin et al.	2023	hsa-miR-425	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,6821
1	Lin et al.	2023	hsa-miR-425-5p	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,4748
35	Lau et al.	2013	hsa-miR-425-5p	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Down in AD	-	0,0061

147a	Yuan et al.	2020	hsa-miR-425-5p	Brain tissue		AD vs HC	20	10	10		76.54 ± 6.3	79.5 ± 7.0		Up in AD	+	0,0050
209a	Sabaie et al.	2022	hsa-miR-4270	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
89a	Pichler et al.	2017	hsa-miR-4270	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Up in AD	+	0,0072
29a	Hébert et al.	2013	hsa-miR-4284	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7327
209a	Sabaie et al.	2022	hsa-miR-4284	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Up in AD	+	0,0000
163	Henriques et al.	2020	hsa-miR-4286	Brain tissue	Superior and middle temporal gyri	AD vs HC	34	16	18		80.9 ± 7.9	77.9 ± 9.9		Down in AD	-	0,0360
207	Ceylan et al.	2022	hsa-miR-4286	Brain tissue	Temporal cortex	AD vs HC	11	6	5		0	0		Down in AD	-	0,0250
29a	Hébert et al.	2013	hsa-miR-4286	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,2581
162	Gugliandolo et al.	2020	hsa-miR-431	Brain tissue	Brain tissue	AD vs HC	20	11	9		0	0		Down in AD	-	0,0250
29a	Hébert et al.	2013	hsa-miR-431	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,3049
11e	Cogswell et al.	2008	hsa-miR-432	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0333
29a	Hébert et al.	2013	hsa-miR-432	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,5532
1	Lin et al.	2023	hsa-miR-432	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,2523
17	Nunez-Iglesias et al.	2010	hsa-miR-432	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Up in AD	+	0,0081
35	Lau et al.	2013	hsa-miR-433	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Down in AD	-	0,0003
11c	Cogswell et al.	2008	hsa-miR-433	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0420
29a	Hébert et al.	2013	hsa-miR-433	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,0566
49a	Weinberg et al.	2015	hsa-miR-433	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1320
1	Lin et al.	2023	hsa-miR-433	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,5544
186a	Li et al.	2021	hsa-miR-433-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0026
186b	Li et al.	2021	hsa-miR-433-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,0550
209a	Sabaie et al.	2022	hsa-miR-433-3p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
187a	Li et al.	2021	hsa-miR-433-3p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Up in AD	+	0,0250
186a	Li et al.	2021	hsa-miR-4446-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0001
186b	Li et al.	2021	hsa-miR-4446-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,0835
29a	Hébert et al.	2013	hsa-miR-4446-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,4066
207	Ceylan et al.	2022	hsa-miR-4449	Brain tissue	Temporal cortex	AD vs HC	11	6	5		0	0		Down in AD	-	0,0250
163	Henriques et al.	2020	hsa-miR-4449	Brain tissue	Superior and middle temporal gyri	AD vs HC	34	16	18		80.9 ± 7.9	77.9 ± 9.9		Down in AD	-	0,0110
29a	Hébert et al.	2013	hsa-miR-4449	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,5089
187a	Li et al.	2021	hsa-miR-448	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
29a	Hébert et al.	2013	hsa-miR-448	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,7333

11e	Cogswell et al.	2008	hsa-miR-449	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0173
1	Lin et al.	2023	hsa-miR-449	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,0709
11c	Cogswell et al.	2008	hsa-miR-449	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0062
29a	Hébert et al.	2013	hsa-miR-4492	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,3905
209a	Sabaie et al.	2022	hsa-miR-4492	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Up in AD	+	0,0000
1	Lin et al.	2023	hsa-miR-451	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,1807
11c	Cogswell et al.	2008	hsa-miR-451	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0357
11f	Cogswell et al.	2008	hsa-miR-451	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0207
29a	Hébert et al.	2013	hsa-miR-451	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,7605
186a	Li et al.	2021	hsa-miR-4510	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0000
186b	Li et al.	2021	hsa-miR-4510	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,5020
186b	Li et al.	2021	hsa-miR-454-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,2430
187a	Li et al.	2021	hsa-miR-454-3p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
186a	Li et al.	2021	hsa-miR-454-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0024
209a	Sabaie et al.	2022	hsa-miR-455-3p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
105	Kumar et al.	2018	hsa-miR-455-3p	Brain tissue	Broadmann's area 10	AD vs HC	42	27	15		80	79		Up in AD	+	0,0002
29a	Hébert et al.	2013	hsa-miR-455-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,3868
95d	Kumar et al.	2017	hsa-miR-455-3p	Brain tissue	Frontal cortex	AD vs HC	21	16	5		0	0		Up in AD	+	0,0160
187a	Li et al.	2021	hsa-miR-455-5p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
35	Lau et al.	2013	hsa-miR-455-5p	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Up in AD	+	0,0000
29a	Hébert et al.	2013	hsa-miR-455-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,5042
186a	Li et al.	2021	hsa-miR-4742-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0001
186b	Li et al.	2021	hsa-miR-4742-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,0121
89a	Pichler et al.	2017	hsa-miR-484	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0164
1	Lin et al.	2023	hsa-miR-484	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,7385
29a	Hébert et al.	2013	hsa-miR-484	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,7697
1	Lin et al.	2023	hsa-miR-485-3p	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,4491
209a	Sabaie et al.	2022	hsa-miR-485-3p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
29a	Hébert et al.	2013	hsa-miR-485-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7943
49a	Weinberg et al.	2015	hsa-miR-485-3p	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Up in AD	+	0,1220
18a	Faghihi et al.	2010	hsa-miR-485-5p	Brain tissue	Parietal lobe	AD vs HC	10	5	5		0	0		Down in AD	-	0,0250
18b	Faghihi et al.	2010	hsa-miR-485-5p	Brain tissue	Cerebellum	AD vs HC	10	5	5		0	0		Down in AD	-	0,0050

18d	Faghihi et al.	2010	hsa-miR-485-5p	Brain tissue	Entorhinal cortex	AD vs HC	19	11	8		0	0		Down in AD	-	0,0250
18e	Faghihi et al.	2010	hsa-miR-485-5p	Brain tissue	Hippocampus	AD vs HC	24	12	12		0	0		Down in AD	-	0,0050
11c	Cogswell et al.	2008	hsa-miR-485-5p	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0007
29a	Hébert et al.	2013	hsa-miR-485-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,1483
1	Lin et al.	2023	hsa-miR-485-5p	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,5256
1	Lin et al.	2023	hsa-miR-486	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,0035
17	Nunez-Iglesias et al.	2010	hsa-miR-486	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Up in AD	+	0,0092
29a	Hébert et al.	2013	hsa-miR-486-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7260
89a	Pichler et al.	2017	hsa-miR-486-5p	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0219
187a	Li et al.	2021	hsa-miR-486-5p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Up in AD	+	0,0250
35	Lau et al.	2013	hsa-miR-487a	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Down in AD	-	0,0027
29a	Hébert et al.	2013	hsa-miR-487a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7888
186a	Li et al.	2021	hsa-miR-487a-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0016
186b	Li et al.	2021	hsa-miR-487a-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,3610
1	Lin et al.	2023	hsa-miR-487b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,1386
35	Lau et al.	2013	hsa-miR-487b	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Down in AD	-	0,0002
29a	Hébert et al.	2013	hsa-miR-487b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,3687
1	Lin et al.	2023	hsa-miR-488	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,8754
29a	Hébert et al.	2013	hsa-miR-488	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,5862
1	Lin et al.	2023	hsa-miR-489	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,1468
11b	Cogswell et al.	2008	hsa-miR-489	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Up in AD	+	0,0406
89a	Pichler et al.	2017	hsa-miR-490-5p	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0114
29a	Hébert et al.	2013	hsa-miR-490-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,9368
11d	Cogswell et al.	2008	hsa-miR-491	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0337
1	Lin et al.	2023	hsa-miR-491	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,9487
29a	Hébert et al.	2013	hsa-miR-491-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,8265
49a	Weinberg et al.	2015	hsa-miR-491-3p	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0615
29a	Hébert et al.	2013	hsa-miR-491-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,5398
49a	Weinberg et al.	2015	hsa-miR-491-5p	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1340
17	Nunez-Iglesias et al.	2010	hsa-miR-494	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Down in AD	-	0,0080

29a	Hébert et al.	2013	hsa-miR-494	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7124
1	Lin et al.	2023	hsa-miR-497	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,1072
29a	Hébert et al.	2013	hsa-miR-497	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,6077
89a	Pichler et al.	2017	hsa-miR-497	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0293
11d	Cogswell et al.	2008	hsa-miR-497	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0109
11g	Cogswell et al.	2008	hsa-miR-497	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0034
49a	Weinberg et al.	2015	hsa-miR-498	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Up in AD	+	0,0268
49b	Weinberg et al.	2015	hsa-miR-498	Brain tissue	Frontal cortex	AD vs HC	22	10	12		88.6 ± 7.0	83.0 ± 5.9		Up in AD	+	0,0250
29a	Hébert et al.	2013	hsa-miR-500a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,3548
89a	Pichler et al.	2017	hsa-miR-500a	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Up in AD	+	0,0191
186a	Li et al.	2021	hsa-miR-500a-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0000
186b	Li et al.	2021	hsa-miR-500a-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,7920
186a	Li et al.	2021	hsa-miR-500a-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0002
186b	Li et al.	2021	hsa-miR-500a-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,7560
186a	Li et al.	2021	hsa-miR-500b-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0001
186b	Li et al.	2021	hsa-miR-500b-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,7770
1	Lin et al.	2023	hsa-miR-501	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,3748
11f	Cogswell et al.	2008	hsa-miR-501	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0000
186a	Li et al.	2021	hsa-miR-501-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0001
186b	Li et al.	2021	hsa-miR-501-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,8290
29a	Hébert et al.	2013	hsa-miR-501-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,4989
88b	Hara et al.	2017	hsa-miR-501-3p	Brain tissue	Temporal Cortex	AD vs HC	45	27	18		84.5 ± 8.0	76.3 ± 7.1		Up in AD	+	0,0000
11e	Cogswell et al.	2008	hsa-miR-502	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0344
1	Lin et al.	2023	hsa-miR-502	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,9933
186a	Li et al.	2021	hsa-miR-502-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0000
186b	Li et al.	2021	hsa-miR-502-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,8140
29a	Hébert et al.	2013	hsa-miR-502-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,2481
11f	Cogswell et al.	2008	hsa-miR-505	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0367
29a	Hébert et al.	2013	hsa-miR-505	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,3304
186a	Li et al.	2021	hsa-miR-514a-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0010

186b	Li et al.	2021	hsa-miR-514a-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,3250
29a	Hébert et al.	2013	hsa-miR-516a-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,5203
49a	Weinberg et al.	2015	hsa-miR-516a-5p	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Up in AD	+	0,1230
1	Lin et al.	2023	hsa-miR-517c	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,2987
11c	Cogswell et al.	2008	hsa-miR-517c	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0154
11g	Cogswell et al.	2008	hsa-miR-519d	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0384
89a	Pichler et al.	2017	hsa-miR-519d	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Up in AD	+	0,0216
11e	Cogswell et al.	2008	hsa-miR-520e	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Up in AD	+	0,0497
11g	Cogswell et al.	2008	hsa-miR-520e	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0005
187a	Li et al.	2021	hsa-miR-542-5p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
29a	Hébert et al.	2013	hsa-miR-542-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,2522
35	Lau et al.	2013	hsa-miR-543	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Down in AD	-	0,0041
186a	Li et al.	2021	hsa-miR-543	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0031
29a	Hébert et al.	2013	hsa-miR-543	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7117
89a	Pichler et al.	2017	hsa-miR-543	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0035
186b	Li et al.	2021	hsa-miR-543	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,8510
1	Lin et al.	2023	hsa-miR-545	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,5284
29a	Hébert et al.	2013	hsa-miR-545	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,9976
186a	Li et al.	2021	hsa-miR-548e-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0008
186b	Li et al.	2021	hsa-miR-548e-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,4720
1	Lin et al.	2023	hsa-miR-572	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,8466
17	Nunez-Iglesias et al.	2010	hsa-miR-572	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Up in AD	+	0,0061
187a	Li et al.	2021	hsa-miR-572	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Up in AD	+	0,0250
209a	Sabaie et al.	2022	hsa-miR-574-3p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
29a	Hébert et al.	2013	hsa-miR-574-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,5213
17	Nunez-Iglesias et al.	2010	hsa-miR-575	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Up in AD	+	0,0056
187a	Li et al.	2021	hsa-miR-575	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Up in AD	+	0,0250
186a	Li et al.	2021	hsa-miR-582-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0033
186b	Li et al.	2021	hsa-miR-582-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,4050
29a	Hébert et al.	2013	hsa-miR-582-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,2030
187a	Li et al.	2021	hsa-miR-582-5p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
29a	Hébert et al.	2013	hsa-miR-582-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,6853

89a	Pichler et al.	2017	hsa-miR-584	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0088
29a	Hébert et al.	2013	hsa-miR-584	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,4535
187b	Li et al.	2021	hsa-miR-584-5p	Brain tissue	Frontal lobe	AD vs HC	13	6	7		0	0		Down in AD	-	0,0250
187a	Li et al.	2021	hsa-miR-584-5p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Up in AD	+	0,0250
29a	Hébert et al.	2013	hsa-miR-589	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,6673
49a	Weinberg et al.	2015	hsa-miR-589	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1040
89a	Pichler et al.	2017	hsa-miR-590-5p	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0016
29a	Hébert et al.	2013	hsa-miR-590-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,9001
29a	Hébert et al.	2013	hsa-miR-592	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,3445
89a	Pichler et al.	2017	hsa-miR-592	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0007
17	Nunez-Iglesias et al.	2010	hsa-miR-598	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Down in AD	-	0,0067
29a	Hébert et al.	2013	hsa-miR-598	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7316
17	Nunez-Iglesias et al.	2010	hsa-miR-601	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Up in AD	+	0,0014
187a	Li et al.	2021	hsa-miR-601	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Up in AD	+	0,0250
89a	Pichler et al.	2017	hsa-miR-603	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0426
69	Zhang et al.	2016	hsa-miR-603	Brain tissue	Hippocampus	AD vs HC	14	7	7		0	0		Up in AD	+	0,0250
17	Nunez-Iglesias et al.	2010	hsa-miR-617	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Up in AD	+	0,0003
187a	Li et al.	2021	hsa-miR-617	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Up in AD	+	0,0250
29a	Hébert et al.	2013	hsa-miR-625	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,6513
49a	Weinberg et al.	2015	hsa-miR-625	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Up in AD	+	0,0922
186a	Li et al.	2021	hsa-miR-628-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0001
186b	Li et al.	2021	hsa-miR-628-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,7610
29a	Hébert et al.	2013	hsa-miR-628-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,2362
89a	Pichler et al.	2017	hsa-miR-628-3p	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0247
187a	Li et al.	2021	hsa-miR-628-3p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Up in AD	+	0,0250
186a	Li et al.	2021	hsa-miR-629-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0002
186b	Li et al.	2021	hsa-miR-629-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,1690
186a	Li et al.	2021	hsa-miR-6505-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0000
186b	Li et al.	2021	hsa-miR-6505-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,5950
186a	Li et al.	2021	hsa-miR-6505-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Down in AD	-	0,0035
186b	Li et al.	2021	hsa-miR-6505-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,0886
29a	Hébert et al.	2013	hsa-miR-655	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,5830
72	Zhao et al.	2016	hsa-miR-655	Brain tissue	Parietal lobe	AD vs HC	8	4	4		85	92		Up in AD	+	0,0250

1	Lin et al.	2023	hsa-miR-656	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,0604
29a	Hébert et al.	2013	hsa-miR-656	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,5497
1	Lin et al.	2023	hsa-miR-660	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,4544
29a	Hébert et al.	2013	hsa-miR-660	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,1666
186a	Li et al.	2021	hsa-miR-664a-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0005
186b	Li et al.	2021	hsa-miR-664a-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,8220
29a	Hébert et al.	2013	hsa-miR-668	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,2059
49a	Weinberg et al.	2015	hsa-miR-668	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0055
29a	Hébert et al.	2013	hsa-miR-671-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,4492
49a	Weinberg et al.	2015	hsa-miR-671-5p	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Up in AD	+	0,0223
187a	Li et al.	2021	hsa-miR-671-5p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Up in AD	+	0,0250
186a	Li et al.	2021	hsa-miR-6882-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0006
186b	Li et al.	2021	hsa-miR-6882-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,5600
89a	Pichler et al.	2017	hsa-miR-7	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0153
1	Lin et al.	2023	hsa-miR-7	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,5237
110	Pogue et al.	2018	hsa-miR-7	Brain tissue	Temporal Lobe Neocortex	AD vs HC	45	26	19		76.1 ± 9.3	75.4 ± 8.5		Up in AD	+	0,0050
133	Fernández-De Frutos et al.	2019	hsa-miR-7	Brain tissue	Cortex	AD vs HC	13	7	6		82	84		Up in AD	+	0,0250
11c	Cogswell et al.	2008	hsa-miR-7	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0000
29a	Hébert et al.	2013	hsa-miR-7	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,6833
186a	Li et al.	2021	hsa-miR-708-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0033
186b	Li et al.	2021	hsa-miR-708-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Up in AD	+	0,1290
49a	Weinberg et al.	2015	hsa-miR-720	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1070
29a	Hébert et al.	2013	hsa-miR-720	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,5911
209a	Sabaie et al.	2022	hsa-miR-762	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Up in AD	+	0,0001
89a	Pichler et al.	2017	hsa-miR-762	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Up in AD	+	0,0202

					Hippocampus and entorhinal cortex, middle frontal gyrus, superior and middle temporal gyri, inferior parietal lobule, and occipital cortex											
51	Mezache et al.	2015	hsa-miR-765	Brain tissue		AD vs HC	20	10	10		84	85		Down in AD	-	0,0250
17	Nunez-Iglesias et al.	2010	hsa-miR-765	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Up in AD	+	0,0067
187a	Li et al.	2021	hsa-miR-765	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Up in AD	+	0,0250
29a	Hébert et al.	2013	hsa-miR-769-3p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,8170
209a	Sabaie et al.	2022	hsa-miR-769-3p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Up in AD	+	0,0000
35	Lau et al.	2013	hsa-miR-769-5p	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Down in AD	-	0,0053
29a	Hébert et al.	2013	hsa-miR-769-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,3075
49a	Weinberg et al.	2015	hsa-miR-769-5p	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1160
29a	Hébert et al.	2013	hsa-miR-874	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,9838
49a	Weinberg et al.	2015	hsa-miR-874	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,1250
29a	Hébert et al.	2013	hsa-miR-877	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,8274
49a	Weinberg et al.	2015	hsa-miR-877	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Up in AD	+	0,0705
209a	Sabaie et al.	2022	hsa-miR-885-5p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
29a	Hébert et al.	2013	hsa-miR-885-5p	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,2441
49a	Weinberg et al.	2015	hsa-miR-886-3p	Brain tissue	Frontal cortex	AD vs HC	6	3	3		0	0		Down in AD	-	0,0295
49b	Weinberg et al.	2015	hsa-miR-886-3p	Brain tissue	Frontal cortex	AD vs HC	22	10	12		88.6 ± 7.0	83.0 ± 5.9		Down in AD	-	0,0050
1	Lin et al.	2023	hsa-miR-9	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,1873
13	Hébert et al.	2008	hsa-miR-9	Brain tissue	Anterior temporal cortex	AD vs HC	10	5	5		75	69		Down in AD	-	0,0053
21	Geekiyana et al.	2011	hsa-miR-9	Brain tissue	Neocortex	AD vs HC	14	7	7		89	90		Down in AD	-	0,0450
11e	Cogswell et al.	2008	hsa-miR-9	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0301
11f	Cogswell et al.	2008	hsa-miR-9	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0231
11g	Cogswell et al.	2008	hsa-miR-9	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Down in AD	-	0,0132
29a	Hébert et al.	2013	hsa-miR-9	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7868
89a	Pichler et al.	2017	hsa-miR-9	Brain tissue	Temporal cortex	AD vs HC	64	39	25		80.4 ± 8.2	65.3 ± 16.9		Down in AD	-	0,0336
10	Lukiw	2007	hsa-miR-9	Brain tissue	Hippocampus	AD vs HC	10	5	5		70.3 ± 3.3	69.0 ± 1.8		Up in AD	+	0,0250
1	Lin et al.	2023	hsa-miR-92	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,9179
193	Estfanous et al.	2021	hsa-miR-92	Brain tissue	Temporal lobe	AD vs HC	28	14	14		75	76		Up in AD	+	0,0250
11f	Cogswell et al.	2008	hsa-miR-92	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0052
11g	Cogswell et al.	2008	hsa-miR-92	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0045

209a	Sabaie et al.	2022	hsa-miR-92b-3p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
35	Lau et al.	2013	hsa-miR-92b-3p	Brain tissue	Hippocampus	AD vs HC	64	41	23		79	70		Up in AD	+	0,0016
11b	Cogswell et al.	2008	hsa-miR-93	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Down in AD	-	0,0247
1	Lin et al.	2023	hsa-miR-93	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,6950
29a	Hébert et al.	2013	hsa-miR-93	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,4728
209a	Sabaie et al.	2022	hsa-miR-935	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
29a	Hébert et al.	2013	hsa-miR-935	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7084
1	Lin et al.	2023	hsa-miR-95	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,4456
17	Nunez-Iglesias et al.	2010	hsa-miR-95	Brain tissue	Parietal lobe	AD vs HC	8	4	4		88	92		Down in AD	-	0,0052
186b	Li et al.	2021	hsa-miR-95-3p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,2570
187a	Li et al.	2021	hsa-miR-95-3p	Brain tissue	Parietal lobe	AD vs HC	8	4	4		0	0		Down in AD	-	0,0250
186a	Li et al.	2021	hsa-miR-95-3p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0000
11e	Cogswell et al.	2008	hsa-miR-96	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0366
29a	Hébert et al.	2013	hsa-miR-96	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,6430
1	Lin et al.	2023	hsa-miR-98	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,0373
11e	Cogswell et al.	2008	hsa-miR-98	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Down in AD	-	0,0201
29a	Hébert et al.	2013	hsa-miR-98	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Down in AD	-	0,7336
1	Lin et al.	2023	hsa-miR-99a	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Down in AD	-	0,6841
162	Gugliandolo et al.	2020	hsa-miR-99a	Brain tissue	Brain tissue	AD vs HC	20	11	9		0	0		Up in AD	+	0,0250
11g	Cogswell et al.	2008	hsa-miR-99a	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0094
29a	Hébert et al.	2013	hsa-miR-99a	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,1190
11c	Cogswell et al.	2008	hsa-miR-99b	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0001
1	Lin et al.	2023	hsa-miR-99b	Brain tissue	Superior frontal and paracalcarine cortex	AD vs HC	34	18	16		86	84		Up in AD	+	0,4573
29a	Hébert et al.	2013	hsa-miR-99b	Brain tissue	Superior and middle temporal gyri	AD vs HC	7	5	2		79	80		Up in AD	+	0,3543
186b	Li et al.	2021	hsa-miR-99b-5p	Brain tissue	Inferior Frontal Gyrus	AD vs HC	60	36	24		86.19 ± 7.25	80.42 ± 7.32		Down in AD	-	0,8110
209a	Sabaie et al.	2022	hsa-miR-99b-5p	Brain tissue	Temporal cortex	AD vs HC	16	8	8		0	0		Down in AD	-	0,0000
186a	Li et al.	2021	hsa-miR-99b-5p	Brain tissue	Superior Temporal Gyrus	AD vs HC	66	27	39		86.37 ± 6.37	80.15 ± 7.25		Up in AD	+	0,0011
11b	Cogswell et al.	2008	RNU6B	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Up in AD	+	0,0009
11c	Cogswell et al.	2008	RNU6B	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0006
11e	Cogswell et al.	2008	RNU6B	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Up in AD	+	0,0005
11c	Cogswell et al.	2008	SNORD44	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0172
11d	Cogswell et al.	2008	SNORD44	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		85	78		Up in AD	+	0,0263

11e	Cogswell et al.	2008	SNORD44	Brain tissue	Cerebellum	AD vs HC	17	10	7		76	78		Up in AD	+	0,0376
11f	Cogswell et al.	2008	SNORD44	Brain tissue	Hippocampus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0018
11g	Cogswell et al.	2008	SNORD44	Brain tissue	Medial frontal gyrus	AD vs HC	17	10	7		76	78		Up in AD	+	0,0215
11b	Cogswell et al.	2008	SNORD48	Brain tissue	Cerebellum	AD vs HC	17	10	7		85	78		Down in AD	-	0,0006
11c	Cogswell et al.	2008	SNORD48	Brain tissue	Hippocampus	AD vs HC	17	10	7		85	78		Down in AD	-	0,0052
73	Keller et al.	2016	hsa-let-7d-5p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,0079
94	Cosín-Tomás et al.	2017	hsa-let-7d-5p	Plasma	Plasma	AD vs HC	42	21	21		71,83	69,55		Down in AD	-	0,0530
32a	Kumar et al.	2012	hsa-let-7d-5p	Plasma	Plasma	AD vs HC	31	11	20		79,64	66,61		Down in AD	-	0,0001
32b	Kumar et al.	2013	hsa-let-7d-5p	Plasma	Plasma	AD vs HC	37	20	17		69,3	65,58		Down in AD	-	0,0001
73	Keller et al.	2016	hsa-let-7g-5p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,0177
32a	Kumar et al.	2013	hsa-let-7g-5p	Plasma	Plasma	AD vs HC	31	11	20		79,64	66,61		Down in AD	-	0,0010
32b	Kumar et al.	2013	hsa-let-7g-5p	Plasma	Plasma	AD vs HC	37	20	17		69,3	65,58		Down in AD	-	0,0001
73	Keller et al.	2016	hsa-miR-101-3p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,0020
126	Zhou et al.	2019	hsa-miR-101-3p	Plasma	Plasma	AD vs HC	770	385	385		73.6 ± 8.1	72.9 ± 11.3		Down in AD	-	0,0005
73	Keller et al.	2016	hsa-miR-103a-3p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,0005
87a	Nagaraj et al.	2017	hsa-miR-103a-3p	Plasma	Plasma	AD vs HC	13	7	6		73.7 ± 5	66 ± 5		Down in AD	-	0,0250
87c	Nagaraj et al.	2017	hsa-miR-103a-3p	Plasma	Plasma	AD vs HC	22	13	9		67.5 ± 8	66 ± 3		Down in AD	-	0,0050
73	Keller et al.	2016	hsa-miR-106b-5p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,0020
196b	Kim et al.	2021	hsa-miR-106b-5p	Plasma	Plasma	AD vs HC	72	36	36		73.58 ± 5.72	72.86 ± 4.72		Down in AD	-	0,0233
73	Keller et al.	2016	hsa-miR-107	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,0003
144	Wang et al.	2020	hsa-miR-107	Plasma	Plasma	AD vs HC	240	120	120		72.5 ± 7.7	71.2 ± 10.8		Down in AD	-	0,0005
122	Prendecki et al.	2019	hsa-miR-107	Plasma	Plasma	AD vs HC	138	64	74		76	71,4		Down in AD	-	0,7786
73	Keller et al.	2016	hsa-miR-10a-5p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Up in AD	+	0,6936
202a	Jia et al.	2021	hsa-miR-10a-5p	Plasma	Plasma	AD vs HC	406	190	216		68.0 ± 3.5	67.0 ± 4.5		Up in AD	+	0,0005
202b	Jia et al.	2021	hsa-miR-10a-5p	Plasma	Plasma	AD vs HC	304	151	153		69.0 ± 4.0	68.0 ± 4.0		Up in AD	+	0,0005
73	Keller et al.	2016	hsa-miR-1260a	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,5253
87a	Nagaraj et al.	2017	hsa-miR-1260a	Plasma	Plasma	AD vs HC	13	7	6		73.7 ± 5	66 ± 5		Down in AD	-	0,0250
73	Keller et al.	2016	hsa-miR-126-3p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,0728
185	Giuliani et al.	2021	hsa-miR-126-3p	Plasma	Plasma	AD vs HC	157	116	41		77.2 ± 5.4	75.1 ± 7.5		Up in AD	+	0,0004
73	Keller et al.	2016	hsa-miR-1273g-3p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Up in AD	+	0,7564
196b	Kim et al.	2021	hsa-miR-1273g-3p	Plasma	Plasma	AD vs HC	72	36	36		73.58 ± 5.72	72.86 ± 4.72		Up in AD	+	0,0227
196c	Kim et al.	2021	hsa-miR-1273g-3p	Plasma	Plasma	AD vs HC	51	20	31		72.54 ± 3.61	72.85 ± 5.31		Up in AD	+	0,0250
73	Keller et al.	2016	hsa-miR-132-3p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,7720
205c	Guévremont et al.	2022	hsa-miR-132-3p	Plasma	Plasma	AD vs HC	41	21	20		75.9 ± 7.8	74.7 ± 6.4		Up in AD	+	0,0250
202a	Jia et al.	2021	hsa-miR-139-3p	Plasma	Plasma	AD vs HC	406	190	216		68.0 ± 3.5	67.0 ± 4.5		Down in AD	-	0,0005
202b	Jia et al.	2021	hsa-miR-139-3p	Plasma	Plasma	AD vs HC	304	151	153		69.0 ± 4.0	68.0 ± 4.0		Down in AD	-	0,0005
94	Cosín-Tomás et al.	2017	hsa-miR-142-3p	Plasma	Plasma	AD vs HC	42	21	21		71,83	69,55		Down in AD	-	0,0250
32a	Kumar et al.	2013	hsa-miR-142-3p	Plasma	Plasma	AD vs HC	31	11	20		79,64	66,61		Down in AD	-	0,0001
32b	Kumar et al.	2013	hsa-miR-142-3p	Plasma	Plasma	AD vs HC	37	20	17		69,3	65,58		Down in AD	-	0,0001
87a	Nagaraj et al.	2017	hsa-miR-142-3p	Plasma	Plasma	AD vs HC	13	7	6		73.7 ± 5	66 ± 5		Down in AD	-	0,0050
73	Keller et al.	2016	hsa-miR-142-3p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Up in AD	+	0,0577
73	Keller et al.	2016	hsa-miR-143-3p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,6840
202a	Jia et al.	2021	hsa-miR-143-3p	Plasma	Plasma	AD vs HC	406	190	216		68.0 ± 3.5	67.0 ± 4.5		Down in AD	-	0,0005
202b	Jia et al.	2021	hsa-miR-143-3p	Plasma	Plasma	AD vs HC	304	151	153		69.0 ± 4.0	68.0 ± 4.0		Down in AD	-	0,0005
73	Keller et al.	2016	hsa-miR-144-3p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,2439

126	Zhou et al.	2019	hsa-miR-144-3p	Plasma	Plasma	AD vs HC	770	385	385		73.6 ± 8.1	72.9 ± 11.3		Down in AD	-	0,0005
102a	Dias et al.	2018	hsa-miR-146a	Plasma	Plasma	AD vs HC	20	10	10		81.2±2.5	75±2.7		Up in AD	+	0,0250
102b	Dias et al.	2018	hsa-miR-146a	Plasma	Plasma	AD vs HC	20	10	10		79.3±1.5	75±2.7		Up in AD	+	0,0050
42a	Kiko et al.	2014	hsa-miR-146a	Plasma	Plasma	AD vs HC	20	10	10		80.7 ± 5.8	73.0 ± 5.2		Down in AD	-	0,0250
73	Keller et al.	2016	hsa-miR-146a-5p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,7945
94	Cosín-Tomás et al.	2017	hsa-miR-146a-5p	Plasma	Plasma	AD vs HC	42	21	21		71,83	69,55		Down in AD	-	0,0560
202a	Jia et al.	2021	hsa-miR-146a-5p	Plasma	Plasma	AD vs HC	406	190	216		68.0 ± 3.5	67.0 ± 4.5		Down in AD	-	0,0005
202b	Jia et al.	2021	hsa-miR-146a-5p	Plasma	Plasma	AD vs HC	304	151	153		69.0 ± 4.0	68.0 ± 4.0		Down in AD	-	0,0005
87c	Nagaraj et al.	2017	hsa-miR-151a-5p	Plasma	Plasma	AD vs HC	22	13	9		67.5 ± 8	66 ± 3		Down in AD	-	0,0005
73	Keller et al.	2016	hsa-miR-151a-5p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Up in AD	+	0,1111
94	Cosín-Tomás et al.	2017	hsa-miR-15b-5p	Plasma	Plasma	AD vs HC	42	21	21		71,83	69,55		Down in AD	-	0,0050
32a	Kumar et al.	2013	hsa-miR-15b-5p	Plasma	Plasma	AD vs HC	31	11	20		79,64	66,61		Down in AD	-	0,0010
32b	Kumar et al.	2013	hsa-miR-15b-5p	Plasma	Plasma	AD vs HC	37	20	17		69,3	65,58		Down in AD	-	0,0001
73	Keller et al.	2016	hsa-miR-15b-5p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Up in AD	+	0,3793
73	Keller et al.	2016	hsa-miR-17-5p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,0335
185	Giuliani et al.	2021	hsa-miR-17-5p	Plasma	Plasma	AD vs HC	157	116	41		77.2 ± 5.4	75.1 ± 7.5		Up in AD	+	0,0030
73	Keller et al.	2016	hsa-miR-181c-5p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,0033
127a	Siedlecki-Wullich et al.	2019	hsa-miR-181c-5p	Plasma	Plasma	AD vs HC	70	56	14		77.77 ± 6.69	68.29 ± 8.99		Up in AD	+	0,0024
73	Keller et al.	2016	hsa-miR-185-5p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,0168
126	Zhou et al.	2019	hsa-miR-185-5p	Plasma	Plasma	AD vs HC	770	385	385		73.6 ± 8.1	72.9 ± 11.3		Down in AD	-	0,0005
73	Keller et al.	2016	hsa-miR-18a-5p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,5144
87a	Nagaraj et al.	2017	hsa-miR-18a-5p	Plasma	Plasma	AD vs HC	13	7	6		73.7 ± 5	66 ± 5		Down in AD	-	0,0250
32a	Kumar et al.	2013	hsa-miR-191-5p	Plasma	Plasma	AD vs HC	31	11	20		79,64	66,61		Down in AD	-	0,0020
32b	Kumar et al.	2013	hsa-miR-191-5p	Plasma	Plasma	AD vs HC	37	20	17		69,3	65,58		Down in AD	-	0,0001
73	Keller et al.	2016	hsa-miR-193b-3p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Up in AD	+	0,2967
205a	Guévremont et al.	2022	hsa-miR-193b-3p	Plasma	Plasma	AD vs HC	93	44	49		75.5 ± 8.3	74.0 ± 5.9		Up in AD	+	0,0250
241	Biglari et al.	2022	hsa-miR-200a-3p	Plasma	Plasma	AD vs HC	100	50	50		76.65 ± 6.26	77.04 ± 6.03		Up in AD	+	0,0001
87a	Nagaraj et al.	2017	hsa-miR-200a-3p	Plasma	Plasma	AD vs HC	13	7	6		73.7 ± 5	66 ± 5		Up in AD	+	0,0050
87c	Nagaraj et al.	2017	hsa-miR-200a-3p	Plasma	Plasma	AD vs HC	22	13	9		67.5 ± 8	66 ± 3		Up in AD	+	0,0050
127a	Siedlecki-Wullich et al.	2019	hsa-miR-210-3p	Plasma	Plasma	AD vs HC	70	56	14		77.77 ± 6.69	68.29 ± 8.99		Up in AD	+	0,0006
2a	Mankhong et al.	2022	hsa-miR-210-3p	Plasma	Plasma	AD vs HC	35	13	22		0	0		Up in AD	+	0,0250
73	Keller et al.	2016	hsa-miR-210-3p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,0004
73	Keller et al.	2016	hsa-miR-21-5p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,7153
185	Giuliani et al.	2021	hsa-miR-21-5p	Plasma	Plasma	AD vs HC	157	116	41		77.2 ± 5.4	75.1 ± 7.5		Up in AD	+	0,0004
218	Jiang et al.	2022	hsa-miR-23b-3p	Plasma	Plasma	AD vs HC	36	22	14		77.32 ± 8.47	61.07 ± 9.24		Down in AD	-	0,0005
73	Keller et al.	2016	hsa-miR-23b-3p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Up in AD	+	0,2397
73	Keller et al.	2016	hsa-miR-26b-5p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,6485
202a	Jia et al.	2021	hsa-miR-26b-5p	Plasma	Plasma	AD vs HC	406	190	216		68.0 ± 3.5	67.0 ± 4.5		Up in AD	+	0,0005
202b	Jia et al.	2021	hsa-miR-26b-5p	Plasma	Plasma	AD vs HC	304	151	153		69.0 ± 4.0	68.0 ± 4.0		Up in AD	+	0,0005
205a	Guévremont et al.	2022	hsa-miR-27a-3p	Plasma	Plasma	AD vs HC	93	44	49		75.5 ± 8.3	74.0 ± 5.9		Down in AD	-	0,0250
205c	Guévremont et al.	2022	hsa-miR-27a-3p	Plasma	Plasma	AD vs HC	41	21	20		75.9 ± 7.8	74.7 ± 6.4		Down in AD	-	0,0250
73	Keller et al.	2016	hsa-miR-27a-3p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Up in AD	+	0,4250
205a	Guévremont et al.	2022	hsa-miR-27b-3p	Plasma	Plasma	AD vs HC	93	44	49		75.5 ± 8.3	74.0 ± 5.9		Down in AD	-	0,0250
73	Keller et al.	2016	hsa-miR-27b-3p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Up in AD	+	0,1984
32a	Kumar et al.	2013	hsa-miR-301a-3p	Plasma	Plasma	AD vs HC	31	11	20		79,64	66,61		Down in AD	-	0,0006

87a	Nagaraj et al.	2017	hsa-miR-301a-3p	Plasma	Plasma	AD vs HC	13	7	6		73.7 ± 5	66 ± 5		Down in AD	-	0,0250
87a	Nagaraj et al.	2017	hsa-miR-30b-5p	Plasma	Plasma	AD vs HC	13	7	6		73.7 ± 5	66 ± 5		Down in AD	-	0,0050
87c	Nagaraj et al.	2017	hsa-miR-30b-5p	Plasma	Plasma	AD vs HC	22	13	9		67.5 ± 8	66 ± 3		Down in AD	-	0,0050
73	Keller et al.	2016	hsa-miR-30b-5p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Up in AD	+	0,5663
73	Keller et al.	2016	hsa-miR-320a	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,9740
87a	Nagaraj et al.	2017	hsa-miR-320a	Plasma	Plasma	AD vs HC	13	7	6		73.7 ± 5	66 ± 5		Up in AD	+	0,0050
73	Keller et al.	2016	hsa-miR-320c	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,9974
87a	Nagaraj et al.	2017	hsa-miR-320c	Plasma	Plasma	AD vs HC	13	7	6		73.7 ± 5	66 ± 5		Up in AD	+	0,0050
205a	Guévremont et al.	2022	hsa-miR-324-5p	Plasma	Plasma	AD vs HC	93	44	49		75.5 ± 8.3	74.0 ± 5.9		Down in AD	-	0,0250
205c	Guévremont et al.	2022	hsa-miR-324-5p	Plasma	Plasma	AD vs HC	41	21	20		75.9 ± 7.8	74.7 ± 6.4		Down in AD	-	0,0250
73	Keller et al.	2016	hsa-miR-324-5p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Up in AD	+	0,4798
42a	Kiko et al.	2014	hsa-miR-34a	Plasma	Plasma	AD vs HC	20	10	10		80.7 ± 5.8	73.0 ± 5.2		Down in AD	-	0,0250
44a	Bhatnagar et al.	2014	hsa-miR-34a	Plasma	Plasma	AD vs HC	163	78	85		80 (6.17)	72 (1.31)		Up in AD	+	0,0050
44b	Bhatnagar et al.	2014	hsa-miR-34a	Plasma	Plasma	AD vs HC	52	25	27		82 (4.11)	80 (3.26)		Up in AD	+	0,0050
44a	Bhatnagar et al.	2014	hsa-miR-34c	Plasma	Plasma	AD vs HC	163	78	85		80 (6.17)	72 (1.31)		Up in AD	+	0,0050
44b	Bhatnagar et al.	2014	hsa-miR-34c	Plasma	Plasma	AD vs HC	52	25	27		82 (4.11)	80 (3.26)		Up in AD	+	0,0050
65a	Zirnheld et al.	2016	hsa-miR-34c	Plasma	Plasma	AD vs HC	42	14	28		77.7 ± 6.8	75.3 ± 5.4		Up in AD	+	0,0005
196b	Kim et al.	2021	hsa-miR-363-3p	Plasma	Plasma	AD vs HC	72	36	36		73.58 ± 5.72	72.86 ± 4.72		Down in AD	-	0,0320
73	Keller et al.	2016	hsa-miR-363-3p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Up in AD	+	0,0017
202a	Jia et al.	2021	hsa-miR-451a-5p	Plasma	Plasma	AD vs HC	406	190	216		68.0 ± 3.5	67.0 ± 4.5		Up in AD	+	0,0005
202b	Jia et al.	2021	hsa-miR-451a-5p	Plasma	Plasma	AD vs HC	304	151	153		69.0 ± 4.0	68.0 ± 4.0		Up in AD	+	0,0005
87a	Nagaraj et al.	2017	hsa-miR-483-5p	Plasma	Plasma	AD vs HC	13	7	6		73.7 ± 5	66 ± 5		Up in AD	+	0,0250
87c	Nagaraj et al.	2017	hsa-miR-483-5p	Plasma	Plasma	AD vs HC	22	13	9		67.5 ± 8	66 ± 3		Up in AD	+	0,0001
73	Keller et al.	2016	hsa-miR-485-5p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,2901
202a	Jia et al.	2021	hsa-miR-485-5p	Plasma	Plasma	AD vs HC	406	190	216		68.0 ± 3.5	67.0 ± 4.5		Down in AD	-	0,0005
202b	Jia et al.	2021	hsa-miR-485-5p	Plasma	Plasma	AD vs HC	304	151	153		69.0 ± 4.0	68.0 ± 4.0		Down in AD	-	0,0005
73	Keller et al.	2016	hsa-miR-502-3p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,0097
87c	Nagaraj et al.	2017	hsa-miR-502-3p	Plasma	Plasma	AD vs HC	22	13	9		67.5 ± 8	66 ± 3		Down in AD	-	0,0001
241	Biglari et al.	2022	hsa-miR-502-3p	Plasma	Plasma	AD vs HC	100	50	50		76.65 ± 6.26	77.04 ± 6.03		Up in AD	+	0,0106
87a	Nagaraj et al.	2017	hsa-miR-502-3p	Plasma	Plasma	AD vs HC	13	7	6		73.7 ± 5	66 ± 5		Up in AD	+	0,0250
94	Cosín-Tomás et al.	2017	hsa-miR-545-3p	Plasma	Plasma	AD vs HC	42	21	21		71,83	69,55		Down in AD	-	0,0050
32a	Kumar et al.	2013	hsa-miR-545-3p	Plasma	Plasma	AD vs HC	31	11	20		79,64	66,61		Down in AD	-	0,0300
32b	Kumar et al.	2013	hsa-miR-545-3p	Plasma	Plasma	AD vs HC	37	20	17		69,3	65,58		Down in AD	-	0,0100
73	Keller et al.	2016	hsa-miR-6798-3p	Plasma	Plasma	AD vs HC	104	49	55		70.7 ± 8.2	67.3 ± 7.8		Down in AD	-	0,0523
196b	Kim et al.	2021	hsa-miR-6798-3p	Plasma	Plasma	AD vs HC	72	36	36		73.58 ± 5.72	72.86 ± 4.72		Down in AD	-	0,0075
102a	Dias et al.	2018	hsa-miR-933	Plasma	Plasma	AD vs HC	20	10	10		81.2±2.5	75±2.7		Up in AD	+	0,0250
102b	Dias et al.	2018	hsa-miR-933	Plasma	Plasma	AD vs HC	20	10	10		79.3±1.5	75±2.7		Up in AD	+	0,0050
47	Denk et al.	2015	hsa-let-7e	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,9892
108	Derkow et al.	2018	hsa-let-7e	CSF	CSF	AD vs HC	22	12	10		71.5 ± 8.5	58.3 ± 11		Up in AD	+	0,0078
47	Denk et al.	2015	hsa-miR-10a	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,6054
11a	Cogswell et al.	2008	hsa-miR-10a	CSF	CSF	AD vs HC	20	10	10		71	78,7		Down in AD	-	0,0144
47	Denk et al.	2015	hsa-miR-125b	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,7891
42b	Kiko et al.	2014	hsa-miR-125b	CSF	CSF	AD vs HC	20	10	10		80.7 ± 5.8	73.0 ± 5.2		Down in AD	-	0,0250
26	Alexandrov et al.	2012	hsa-miR-125b	CSF	CSF	AD vs HC	12	6	6		72.5 ± 7.5	72.4 ± 6.5		Up in AD	+	0,0050
75	Müller et al.	2016	hsa-miR-125b	CSF	CSF	AD vs HC	38	18	20		70.4 ± 9.1	63.2 ± 12.3		Up in AD	+	0,0250

99	Dangla-Valls et al.	2017	hsa-miR-125b	CSF	CSF	AD vs HC	68	37	31		72.97 ± 4.87	70.28 ± 3.87		Up in AD	+	0,0400
140a	Zhuang et al.	2020	hsa-miR-125b	CSF	CSF	AD vs HC	100	50	50		70.1±7.1	69.0±7.2		Up in AD	+	0,0005
36c	Galimberti et al.	2014	hsa-miR-125b	CSF	CSF	AD vs HC	40	22	18		72.77 ± 0.65	68.82 ± 0.71		Down in AD	-	0,0005
47	Denk et al.	2015	hsa-miR-126	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,5547
11a	Cogswell et al.	2008	hsa-miR-126	CSF	CSF	AD vs HC	20	10	10		71	78,7		Down in AD	-	0,0240
47	Denk et al.	2015	hsa-miR-127	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,3843
11a	Cogswell et al.	2008	hsa-miR-127	CSF	CSF	AD vs HC	20	10	10		71	78,7		Down in AD	-	0,0474
47	Denk et al.	2015	hsa-miR-1291	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,2712
55	Lusardi et al.	2015	hsa-miR-1291	CSF	CSF	AD vs HC	99	50	49		69.52 ± 7.27	67.78 ± 9.43		Up in AD	+	0,0250
47	Denk et al.	2015	hsa-miR-135a	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,4885
11a	Cogswell et al.	2008	hsa-miR-135a	CSF	CSF	AD vs HC	20	10	10		71	78,7		Up in AD	+	0,0490
38d	Liu et al.	2014	hsa-miR-135a	CSF	CSF	AD vs HC	10	5	5		74.2±4.1	74.1±3.5		Down in AD	-	0,0150
47	Denk et al.	2015	hsa-miR-139-5p	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,2461
46a	Burgos et al.	2014	hsa-miR-139-5p	CSF	CSF	AD vs HC	127	62	65		81.3±7.7	82.1±10		Down in AD	-	0,0020
55	Lusardi et al.	2015	hsa-miR-142-3p	CSF	CSF	AD vs HC	99	50	49		69.52 ± 7.27	67.78 ± 9.43		Down in AD	-	0,0250
47	Denk et al.	2015	hsa-miR-142-3p	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,5859
11a	Cogswell et al.	2008	hsa-miR-142-5p	CSF	CSF	AD vs HC	20	10	10		71	78,7		Down in AD	-	0,0442
47	Denk et al.	2015	hsa-miR-142-5p	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,8260
47	Denk et al.	2015	hsa-miR-143	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,8475
11a	Cogswell et al.	2008	hsa-miR-143	CSF	CSF	AD vs HC	20	10	10		71	78,7		Down in AD	-	0,0039
39d	Müller et al.	2014	hsa-miR-146a	CSF	CSF	AD vs HC	40	20	20		69.7 ± 9.6	63.7 ± 9.8		Down in AD	-	0,0005
42b	Kiko et al.	2014	hsa-miR-146a	CSF	CSF	AD vs HC	20	10	10		80.7 ± 5.8	73.0 ± 5.2		Down in AD	-	0,0250
66a	Müller et al.	2016	hsa-miR-146a	CSF	CSF	AD vs HC	39	20	19		72.9 ± 7.6	61.4 ± 11.1		Down in AD	-	0,0200
26	Alexandrov et al.	2012	hsa-miR-146a	CSF	CSF	AD vs HC	12	6	6		72.5 ± 7.5	72.4± 6.5		Up in AD	+	0,0100
47	Denk et al.	2015	hsa-miR-146a	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,0899
11a	Cogswell et al.	2008	hsa-miR-146b	CSF	CSF	AD vs HC	20	10	10		71	78,7		Down in AD	-	0,0280
47	Denk et al.	2015	hsa-miR-146b	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,7223
26	Alexandrov et al.	2012	hsa-miR-155	CSF	CSF	AD vs HC	12	6	6		72.5 ± 7.5	72.4± 6.5		Up in AD	+	0,0050
47	Denk et al.	2015	hsa-miR-155	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,9837
11a	Cogswell et al.	2008	hsa-miR-15b	CSF	CSF	AD vs HC	20	10	10		71	78,7		Down in AD	-	0,0034
47	Denk et al.	2015	hsa-miR-15b	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,6367
47	Denk et al.	2015	hsa-miR-181a	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,6530
11a	Cogswell et al.	2008	hsa-miR-181a	CSF	CSF	AD vs HC	20	10	10		71	78,7		Down in AD	-	0,0422
11a	Cogswell et al.	2008	hsa-miR-181c	CSF	CSF	AD vs HC	20	10	10		71	78,7		Down in AD	-	0,0114
47	Denk et al.	2015	hsa-miR-181c	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	1,0000
46a	Burgos et al.	2014	hsa-miR-181d	CSF	CSF	AD vs HC	127	62	65		81.3±7.7	82.1±10		Down in AD	-	0,0019
47	Denk et al.	2015	hsa-miR-181d	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,9756
46a	Burgos et al.	2014	hsa-miR-184	CSF	CSF	AD vs HC	127	62	65		81.3±7.7	82.1±10		Down in AD	-	0,0003
47	Denk et al.	2015	hsa-miR-184	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,7082
47	Denk et al.	2015	hsa-miR-186	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,2071
11a	Cogswell et al.	2008	hsa-miR-186	CSF	CSF	AD vs HC	20	10	10		71	78,7		Up in AD	+	0,0222
47	Denk et al.	2015	hsa-miR-191	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,1084
11a	Cogswell et al.	2008	hsa-miR-191	CSF	CSF	AD vs HC	20	10	10		71	78,7		Up in AD	+	0,0047
47	Denk et al.	2015	hsa-miR-193a-5p	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,0952
55	Lusardi et al.	2015	hsa-miR-193a-5p	CSF	CSF	AD vs HC	99	50	49		69.52 ± 7.27	67.78 ± 9.43		Down in AD	-	0,0250

11a	Cogswell et al.	2008	hsa-miR-194	CSF	CSF	AD vs HC	20	10	10		71	78,7		Down in AD	-	0,0171
47	Denk et al.	2015	hsa-miR-194	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,9613
47	Denk et al.	2015	hsa-miR-195	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,7326
11a	Cogswell et al.	2008	hsa-miR-195	CSF	CSF	AD vs HC	20	10	10		71	78,7		Down in AD	-	0,0489
47	Denk et al.	2015	hsa-miR-197	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,8269
11a	Cogswell et al.	2008	hsa-miR-197	CSF	CSF	AD vs HC	20	10	10		71	78,7		Up in AD	+	0,0035
47	Denk et al.	2015	hsa-miR-204	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,8250
11a	Cogswell et al.	2008	hsa-miR-204	CSF	CSF	AD vs HC	20	10	10		71	78,7		Up in AD	+	0,0054
47	Denk et al.	2015	hsa-miR-205	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,8938
11a	Cogswell et al.	2008	hsa-miR-205	CSF	CSF	AD vs HC	20	10	10		71	78,7		Up in AD	+	0,0430
83	Riancho et al.	2017	hsa-miR-206	CSF	CSF	AD vs HC	36	18	18		68,9	71,64		Down in AD	-	0,0110
47	Denk et al.	2015	hsa-miR-206	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,8977
47	Denk et al.	2015	hsa-miR-214	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,5699
11a	Cogswell et al.	2008	hsa-miR-214	CSF	CSF	AD vs HC	20	10	10		71	78,7		Down in AD	-	0,0464
11a	Cogswell et al.	2008	hsa-miR-221	CSF	CSF	AD vs HC	20	10	10		71	78,7		Down in AD	-	0,0019
47	Denk et al.	2015	hsa-miR-221	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,4378
47	Denk et al.	2015	hsa-miR-222	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,2407
99	Dangla-Valls et al.	2017	hsa-miR-222	CSF	CSF	AD vs HC	68	37	31		72.97 ± 4.87	70.28 ± 3.87		Up in AD	+	0,0060
36c	Galimberti et al.	2014	hsa-miR-26b	CSF	CSF	AD vs HC	40	22	18		72.77 ± 0.65	68.82 ± 0.71		Down in AD	-	0,0005
47	Denk et al.	2015	hsa-miR-26b	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,0922
47	Denk et al.	2015	hsa-miR-29a	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,4470
75	Müller et al.	2016	hsa-miR-29a	CSF	CSF	AD vs HC	38	18	20		70.4 ± 9.1	63.2 ± 12.3		Up in AD	+	0,0005
42b	Kiko et al.	2014	hsa-miR-29a	CSF	CSF	AD vs HC	20	10	10		80.7 ± 5.8	73.0 ± 5.2		Up in AD	+	0,0250
47	Denk et al.	2015	hsa-miR-29c	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,5806
57	Yang et al.	2015	hsa-miR-29c	CSF	CSF	AD vs HC	60	30	30		0	0		Down in AD	-	0,0001
47	Denk et al.	2015	hsa-miR-30a-3p	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,6552
55	Lusardi et al.	2015	hsa-miR-30a-3p	CSF	CSF	AD vs HC	99	50	49		69.52 ± 7.27	67.78 ± 9.43		Down in AD	-	0,0250
11a	Cogswell et al.	2008	hsa-miR-30a-3p	CSF	CSF	AD vs HC	20	10	10		71	78,7		Up in AD	+	0,0361
47	Denk et al.	2015	hsa-miR-30d	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,1586
11a	Cogswell et al.	2008	hsa-miR-30d	CSF	CSF	AD vs HC	20	10	10		71	78,7		Up in AD	+	0,0133
47	Denk et al.	2015	hsa-miR-32	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,2584
11a	Cogswell et al.	2008	hsa-miR-32	CSF	CSF	AD vs HC	20	10	10		71	78,7		Up in AD	+	0,0299
47	Denk et al.	2015	hsa-miR-345	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,7789
11a	Cogswell et al.	2008	hsa-miR-345	CSF	CSF	AD vs HC	20	10	10		71	78,7		Up in AD	+	0,0080
42b	Kiko et al.	2014	hsa-miR-34a	CSF	CSF	AD vs HC	20	10	10		80.7 ± 5.8	73.0 ± 5.2		Down in AD	-	0,0250
47	Denk et al.	2015	hsa-miR-34a	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,7014
26	Alexandrov et al.	2012	hsa-miR-34a	CSF	CSF	AD vs HC	12	6	6		72.5 ± 7.5	72.4 ± 6.5		Up in AD	+	0,0250
47	Denk et al.	2015	hsa-miR-362	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,0439
11a	Cogswell et al.	2008	hsa-miR-362	CSF	CSF	AD vs HC	20	10	10		71	78,7		Up in AD	+	0,0323
47	Denk et al.	2015	hsa-miR-374	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,6605
11a	Cogswell et al.	2008	hsa-miR-374	CSF	CSF	AD vs HC	20	10	10		71	78,7		Up in AD	+	0,0272
47	Denk et al.	2015	hsa-miR-375	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,0193
11a	Cogswell et al.	2008	hsa-miR-375	CSF	CSF	AD vs HC	20	10	10		71	78,7		Up in AD	+	0,0008
46a	Burgos et al.	2014	hsa-miR-410	CSF	CSF	AD vs HC	127	62	65		81.3 ± 7.7	82.1 ± 10		Down in AD	-	0,0147
47	Denk et al.	2015	hsa-miR-410	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,0650

167b	Wang et al.	2020	hsa-miR-433	CSF	CSF	AD vs HC	44	32	12		0	0		Down in AD	-	0,0005
46a	Burgos et al.	2014	hsa-miR-433	CSF	CSF	AD vs HC	127	62	65		81.3±7.7	82.1±10		Down in AD	-	0,0078
47	Denk et al.	2015	hsa-miR-433	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,9162
47	Denk et al.	2015	hsa-miR-451	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,0339
11a	Cogswell et al.	2008	hsa-miR-451	CSF	CSF	AD vs HC	20	10	10		71	78,7		Down in AD	-	0,0109
47	Denk et al.	2015	hsa-miR-494	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,7571
11a	Cogswell et al.	2008	hsa-miR-494	CSF	CSF	AD vs HC	20	10	10		71	78,7		Up in AD	+	0,0391
47	Denk et al.	2015	hsa-miR-497	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,9263
11a	Cogswell et al.	2008	hsa-miR-497	CSF	CSF	AD vs HC	20	10	10		71	78,7		Down in AD	-	0,0155
47	Denk et al.	2015	hsa-miR-532-3p	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,6947
52	Van Harten et al.	2015	hsa-miR-532-3p	CSF	CSF	AD vs HC	38	19	19		66.5 ± 5.7	66.5 ± 5.8		Down in AD	-	0,0500
47	Denk et al.	2015	hsa-miR-598	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	1,0000
83	Riancho et al.	2017	hsa-miR-598	CSF	CSF	AD vs HC	36	18	18		68,9	71,64		Down in AD	-	0,0490
46a	Burgos et al.	2014	hsa-miR-598	CSF	CSF	AD vs HC	127	62	65		81.3±7.7	82.1±10		Down in AD	-	0,0004
47	Denk et al.	2015	hsa-miR-874	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Down in AD	-	0,4606
46a	Burgos et al.	2014	hsa-miR-874	CSF	CSF	AD vs HC	127	62	65		81.3±7.7	82.1±10		Down in AD	-	0,0010
83	Riancho et al.	2017	hsa-miR-9-5p	CSF	CSF	AD vs HC	36	18	18		68,9	71,64		Down in AD	-	0,0120
46a	Burgos et al.	2014	hsa-miR-9-5p	CSF	CSF	AD vs HC	127	62	65		81.3±7.7	82.1±10		Down in AD	-	0,0050
11a	Cogswell et al.	2008	hsa-miR-99a	CSF	CSF	AD vs HC	20	10	10		71	78,7		Down in AD	-	0,0337
47	Denk et al.	2015	hsa-miR-99a	CSF	CSF	AD vs HC	50	22	28		72.1 ± 8.5	61.0 ± 12.7		Up in AD	+	0,8165
27	Leidinger et al.	2013	hsa-let-7a-5p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0000
56	Satoh et al.	2015	hsa-let-7a-5p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Down in AD	-	0,0200
27	Leidinger et al.	2013	hsa-let-7e-5p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0000
56	Satoh et al.	2015	hsa-let-7e-5p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Down in AD	-	0,0070
27	Leidinger et al.	2013	hsa-let-7f-5p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0000
56	Satoh et al.	2015	hsa-let-7f-5p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Down in AD	-	0,0002
27	Leidinger et al.	2013	hsa-let-7g-5p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0001
56	Satoh et al.	2015	hsa-let-7g-5p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Down in AD	-	0,0100
139	Souza et al.	2020	hsa-miR-100-5p	Blood	Blood	AD vs HC	74	36	38		79.5 + 6.0	76.4 + 9.2		Down in AD	-	0,8300
225a	Song et al.	2022	hsa-miR-100-5p	Blood	Peripheral blood	AD vs HC	107	25	82		71.8 ± 8.6	64.37 ± 8		Up in AD	+	0,0470
27	Leidinger et al.	2013	hsa-miR-103a-3p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0000
91	Chang et al.	2017	hsa-miR-103a-3p	Blood	Blood	AD vs HC	6	3	3		0	0		Up in AD	+	0,0250
129a	Ludwig et al.	2019	hsa-miR-103a-3p	Blood	Blood	AD vs HC	359	145	214		72.85 ± 9.8	68.25 ± 7.3		Up in AD	+	0,0000
27	Leidinger et al.	2013	hsa-miR-107	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0000
91	Chang et al.	2017	hsa-miR-107	Blood	Blood	AD vs HC	6	3	3		0	0		Up in AD	+	0,0250
27	Leidinger et al.	2013	hsa-miR-126-3p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0032
139	Souza et al.	2020	hsa-miR-126-3p	Blood	Blood	AD vs HC	74	36	38		79.5 + 6.0	76.4 + 9.2		Down in AD	-	0,8730
27	Leidinger et al.	2013	hsa-miR-1294	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0009
56	Satoh et al.	2015	hsa-miR-1294	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Down in AD	-	0,0100
27	Leidinger et al.	2013	hsa-miR-144-5p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0000
56	Satoh et al.	2015	hsa-miR-144-5p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Down in AD	-	0,0010
103	Manzine et al.	2018	hsa-miR-144-5p	Blood	Blood	AD vs HC	38	21	17		77	73		Down in AD	-	0,0300
27	Leidinger et al.	2013	hsa-miR-1468	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Up in AD	+	0,0000
56	Satoh et al.	2015	hsa-miR-1468	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Up in AD	+	0,0060
152a	Wu et al.	2020	hsa-miR-146b-5p	Blood	Blood	AD vs HC	71	40	31		74.9 ± 6.0	71.0 ± 5.9		Down in AD	-	0,0363

152b	Wu et al.	2020	hsa-miR-146b-5p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Down in AD	-	0,0400
27	Leidinger et al.	2013	hsa-miR-148a-3p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0014
56	Satoh et al.	2015	hsa-miR-148a-3p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Down in AD	-	0,0070
27	Leidinger et al.	2013	hsa-miR-148b-5p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Up in AD	+	0,0000
56	Satoh et al.	2015	hsa-miR-148b-5p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Up in AD	+	0,0100
27	Leidinger et al.	2013	hsa-miR-151a-3p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Up in AD	+	0,0000
56	Satoh et al.	2015	hsa-miR-151a-3p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Up in AD	+	0,0020
27	Leidinger et al.	2013	hsa-miR-15a-5p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0001
56	Satoh et al.	2015	hsa-miR-15a-5p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Down in AD	-	0,0070
152a	Wu et al.	2020	hsa-miR-15b-5p	Blood	Blood	AD vs HC	71	40	31		74.9 ± 6.0	71.0 ± 5.9		Down in AD	-	0,0253
152b	Wu et al.	2020	hsa-miR-15b-5p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Down in AD	-	0,0320
27	Leidinger et al.	2013	hsa-miR-16-2-3p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0134
139	Souza et al.	2020	hsa-miR-16-2-3p	Blood	Blood	AD vs HC	74	36	38		79.5 ± 6.0	76.4 ± 9.2		Up in AD	+	0,9900
27	Leidinger et al.	2013	hsa-miR-17-3p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0015
56	Satoh et al.	2015	hsa-miR-17-3p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Down in AD	-	0,0100
129a	Ludwig et al.	2019	hsa-miR-17-3p	Blood	Blood	AD vs HC	359	145	214		72.85 ± 9.8	68.25 ± 7.3		Down in AD	-	0,0000
27	Leidinger et al.	2013	hsa-miR-186-5p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Up in AD	+	0,0000
56	Satoh et al.	2015	hsa-miR-186-5p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Up in AD	+	0,0070
27	Leidinger et al.	2013	hsa-miR-21-5p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0158
139	Souza et al.	2020	hsa-miR-21-5p	Blood	Blood	AD vs HC	74	36	38		79.5 ± 6.0	76.4 ± 9.2		Down in AD	-	0,0380
27	Leidinger et al.	2013	hsa-miR-221-3p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,1020
139	Souza et al.	2020	hsa-miR-221-3p	Blood	Blood	AD vs HC	74	36	38		79.5 ± 6.0	76.4 ± 9.2		Up in AD	+	0,6150
27	Leidinger et al.	2013	hsa-miR-26a-5p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Up in AD	+	0,0006
91	Chang et al.	2017	hsa-miR-26a-5p	Blood	Blood	AD vs HC	6	3	3		0	0		Up in AD	+	0,0250
219b	Xie et al.	2022	hsa-miR-26a-5p	Blood	Peripheral blood	AD vs HC	40	20	20		0	0		Up in AD	+	0,0005
27	Leidinger et al.	2013	hsa-miR-26b-3p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Up in AD	+	0,0000
56	Satoh et al.	2015	hsa-miR-26b-3p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Up in AD	+	0,0080
27	Leidinger et al.	2013	hsa-miR-26b-5p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0145
91	Chang et al.	2017	hsa-miR-26b-5p	Blood	Blood	AD vs HC	6	3	3		0	0		Up in AD	+	0,0250
27	Leidinger et al.	2013	hsa-miR-28-3p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Up in AD	+	0,0000
56	Satoh et al.	2015	hsa-miR-28-3p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Up in AD	+	0,0400
27	Leidinger et al.	2013	hsa-miR-29b-3p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0008
56	Satoh et al.	2015	hsa-miR-29b-3p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Down in AD	-	0,0200
139	Souza et al.	2020	hsa-miR-29b-3p	Blood	Blood	AD vs HC	74	36	38		79.5 ± 6.0	76.4 ± 9.2		Down in AD	-	0,0140
27	Leidinger et al.	2013	hsa-miR-30a-3p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Up in AD	+	0,0002
139	Souza et al.	2020	hsa-miR-30a-3p	Blood	Blood	AD vs HC	74	36	38		79.5 ± 6.0	76.4 ± 9.2		Down in AD	-	0,5250
27	Leidinger et al.	2013	hsa-miR-30c-5p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Up in AD	+	0,0000
56	Satoh et al.	2015	hsa-miR-30c-5p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Up in AD	+	0,0070
27	Leidinger et al.	2013	hsa-miR-30d-5p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Up in AD	+	0,0000
56	Satoh et al.	2015	hsa-miR-30d-5p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Up in AD	+	0,0090
27	Leidinger et al.	2013	hsa-miR-33b-5p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0142
225a	Song et al.	2022	hsa-miR-33b-5p	Blood	Peripheral blood	AD vs HC	107	25	82		71.8 ± 8.6	64.37 ± 8		Down in AD	-	0,0190
27	Leidinger et al.	2013	hsa-miR-378d	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0168
225a	Song et al.	2022	hsa-miR-378d	Blood	Peripheral blood	AD vs HC	107	25	82		71.8 ± 8.6	64.37 ± 8		Down in AD	-	0,0007
27	Leidinger et al.	2013	hsa-miR-425-5p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Up in AD	+	0,0000

56	Satoh et al.	2015	hsa-miR-425-5p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Up in AD	+	0,0100
27	Leidinger et al.	2013	hsa-miR-4781-3p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Up in AD	+	0,0000
56	Satoh et al.	2015	hsa-miR-4781-3p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Up in AD	+	0,0002
27	Leidinger et al.	2013	hsa-miR-5001-3p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Up in AD	+	0,0000
56	Satoh et al.	2015	hsa-miR-5001-3p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Up in AD	+	0,0060
27	Leidinger et al.	2013	hsa-miR-532-5p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0042
129a	Ludwig et al.	2019	hsa-miR-532-5p	Blood	Blood	AD vs HC	359	145	214		72.85 ± 9.8	68.25 ± 7.3		Down in AD	-	0,0000
27	Leidinger et al.	2013	hsa-miR-550a-5p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Up in AD	+	0,0000
56	Satoh et al.	2015	hsa-miR-550a-5p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Up in AD	+	0,0070
27	Leidinger et al.	2013	hsa-miR-660-5p	Blood	Blood	AD vs HC	70	48	22		70,3	67,09		Down in AD	-	0,0006
56	Satoh et al.	2015	hsa-miR-660-5p	Blood	Blood	AD vs HC	70	48	22		70.3 ± 7.9	67.1 ± 7.5		Down in AD	-	0,0090
41a	Tan et al.	2014	hsa-let-7d-5p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Down in AD	-	0,0000
41b	Tan et al.	2020	hsa-let-7d-5p	Serum	Serum	AD vs HC	313	158	155		77.43 ± 7.40	76.86 ± 7.00		Down in AD	-	0,0000
88a	Hara et al.	2017	hsa-let-7f-5p	Serum	Serum	AD vs HC	45	27	18		84.5 ± 8.0	76.3 ± 7.1		Up in AD	+	0,0260
88c	Hara et al.	2017	hsa-let-7f-5p	Serum	Serum	AD vs HC	58	36	22		74.7 ± 7.3	73.7 ± 8.4		Up in AD	+	0,4200
84a	Guo et al.	2017	hsa-miR-106b-3p	Serum	Serum	AD vs HC	28	19	9		71,67	70.81 ± 8.56		Up in AD	+	0,0005
84b	Guo et al.	2017	hsa-miR-106b-3p	Serum	Serum	AD vs HC	207	121	86		72,74	67.95 ± 5.76		Up in AD	+	0,0005
90a	Wu et al.	2017	hsa-miR-106b-3p	Serum	Serum	AD vs HC	40	20	20		72.1 ± 8.5	73.0 ± 12.7		Up in AD	+	0,0250
90b	Wu et al.	2017	hsa-miR-106b-3p	Serum	Serum	AD vs HC	85	45	40		72.1 ± 8.5	73.0 ± 12.7		Up in AD	+	0,0250
60	Cheng et al.	2015	hsa-miR-106b-5p	Serum	Serum	AD vs HC	46	23	23		78.89 ± 7.33	73.07 ± 7.57		Up in AD	+	0,0700
224	Madadi et al.	2022	hsa-miR-106b-5p	Serum	Serum	AD vs HC	106	56	50		73.90 ± 8.95	71.36 ± 7.4		Down in AD	-	0,0005
201	Abolghasemi et al.	2021	hsa-miR-107	Serum	Serum	AD vs HC	100	50	50		69.73 ± 2.18	71.11 ± 2.61		Down in AD	-	0,0040
41a	Tan et al.	2014	hsa-miR-107	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Up in AD	+	0,0000
41a	Tan et al.	2014	hsa-miR-122-5p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Down in AD	-	0,0000
95a	Kumar et al.	2017	hsa-miR-122-5p	Serum	Serum	AD vs HC	24	10	14		75,3	72,9		Down in AD	-	0,0048
84a	Guo et al.	2017	hsa-miR-1246	Serum	Serum	AD vs HC	28	19	9		71,67	70.81 ± 8.56		Up in AD	+	0,0180
84b	Guo et al.	2017	hsa-miR-1246	Serum	Serum	AD vs HC	207	121	86		72,74	67.95 ± 5.76		Up in AD	+	0,0005
173	Lu et al.	2021	hsa-miR-125a-3p	Serum	Serum	AD vs HC	1309	1021	288		0	0		Down in AD	-	0,0000
46b	Burgos et al.	2014	hsa-miR-125a-3p	Serum	Serum	AD vs HC	115	53	62		81.3±7.7	82.1±10		Up in AD	+	0,0097
43	Tan et al.	2018	hsa-miR-125b	Serum	Serum	AD vs HC	255	105	150		71.64 ± 5.28	72.65 ± 4.51		Down in AD	-	0,0000
68	Jia et al.	2016	hsa-miR-125b	Serum	Serum	AD vs HC	146	84	62		81.36 ± 13.25	76.23 ± 19.16		Down in AD	-	0,0005
36a	Galimberti et al.	2014	hsa-miR-125b	Serum	Serum	AD vs HC	13	7	6		0	0		Down in AD	-	0,0130
36b	Galimberti et al.	2014	hsa-miR-125b	Serum	Serum	AD vs HC	27	15	12		0	0		Down in AD	-	0,0090
173	Lu et al.	2021	hsa-miR-125b-1-3p	Serum	Serum	AD vs HC	1309	1021	288		0	0		Down in AD	-	0,0000
46b	Burgos et al.	2014	hsa-miR-125b-1-3p	Serum	Serum	AD vs HC	115	53	62		81.3±7.7	82.1±10		Up in AD	+	0,0080
90a	Wu et al.	2017	hsa-miR-125b-3p	Serum	Serum	AD vs HC	40	20	20		72.1 ± 8.5	73.0 ± 12.7		Down in AD	-	0,0250
90b	Wu et al.	2017	hsa-miR-125b-3p	Serum	Serum	AD vs HC	85	45	40		72.1 ± 8.5	73.0 ± 12.7		Down in AD	-	0,0250
158	Li et al.	2020	hsa-miR-125b-5p	Serum	Serum	AD vs HC	54	27	27		0	0		Down in AD	-	0,0250
239a	Yashooa et al.	2022	hsa-miR-125b-5p	Serum	Serum	AD vs HC	49	19	30		0	0		Down in AD	-	0,0002
41a	Tan et al.	2014	hsa-miR-125b-5p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Down in AD	-	0,0001
84a	Guo et al.	2017	hsa-miR-126-5p	Serum	Serum	AD vs HC	28	19	9		71,67	70.81 ± 8.56		Down in AD	-	0,0330
84b	Guo et al.	2017	hsa-miR-126-5p	Serum	Serum	AD vs HC	207	121	86		72,74	67.95 ± 5.76		Down in AD	-	0,0005
41a	Tan et al.	2014	hsa-miR-127-3p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Up in AD	+	0,0000
46b	Burgos et al.	2014	hsa-miR-127-3p	Serum	Serum	AD vs HC	115	53	62		81.3±7.7	82.1±10		Up in AD	+	0,0374
137	Zhao et al.	2020	hsa-miR-1285-3p	Serum	Serum	AD vs HC	58	22	36		73 ± 10	77 ± 10		Up in AD	+	0,0032

46b	Burgos et al.	2014	hsa-miR-1285-3p	Serum	Serum	AD vs HC	115	53	62		81.3±7.7	82.1±10		Up in AD	+	0,0245
60	Cheng et al.	2015	hsa-miR-1306-5p	Serum	Serum	AD vs HC	46	23	23		78.89 ± 7.33	73.07 ± 7.57		Up in AD	+	0,0100
41a	Tan et al.	2014	hsa-miR-1306-5p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Down in AD	-	0,0003
84a	Guo et al.	2017	hsa-miR-144-5p	Serum	Serum	AD vs HC	28	19	9		71,67	70.81 ± 8.56		Up in AD	+	0,0040
84b	Guo et al.	2017	hsa-miR-144-5p	Serum	Serum	AD vs HC	207	121	86		72,74	67.95 ± 5.76		Down in AD	-	0,0005
143	Ling et al.	2020	hsa-miR-146a	Serum	Serum	AD vs HC	148	98	50		67.18 ± 6.53	68.74 ± 6.62		Up in AD	+	0,0250
53a	Dong et al.	2015	hsa-miR-146a	Serum	Serum	AD vs HC	250	127	123		79.3 ± 8.9	79.5 ± 6.8		Down in AD	-	0,0005
188	Lei et al.	2021	hsa-miR-146a-5p	Serum	Serum	AD vs HC	213	112	101		65.13 ± 6.05	63.57 ± 5.89		Up in AD	+	0,0050
239a	Yashooa et al.	2022	hsa-miR-146a-5p	Serum	Serum	AD vs HC	49	19	30		0	0		Down in AD	-	0,0080
41a	Tan et al.	2014	hsa-miR-146a-5p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Down in AD	-	0,0000
90a	Wu et al.	2017	hsa-miR-146a-5p	Serum	Serum	AD vs HC	40	20	20		72.1 ± 8.5	73.0 ± 12.7		Up in AD	+	0,0250
90b	Wu et al.	2017	hsa-miR-146a-5p	Serum	Serum	AD vs HC	85	45	40		72.1 ± 8.5	73.0 ± 12.7		Up in AD	+	0,0250
190	Zhang et al.	2021	hsa-miR-148a-3p	Serum	Serum	AD vs HC	210	110	100		70.89 ± 4.09	71.64 ± 4.00		Down in AD	-	0,0005
212	Zeng et al.	2022	hsa-miR-148a-3p	Serum	Serum	AD vs HC	36	21	15		0	0		Down in AD	-	0,0250
84a	Guo et al.	2017	hsa-miR-148b-5p	Serum	Serum	AD vs HC	28	19	9		71,67	70.81 ± 8.56		Down in AD	-	0,0400
84b	Guo et al.	2017	hsa-miR-148b-5p	Serum	Serum	AD vs HC	207	121	86		72,74	67.95 ± 5.76		Up in AD	+	0,0005
43	Tan et al.	2019	hsa-miR-181c	Serum	Serum	AD vs HC	255	105	150		71.64 ± 5.28	72.65 ± 4.51		Down in AD	-	0,0000
234	Abuelezz et al.	2022	hsa-miR-181c	Serum	Serum	AD vs HC	46	23	23		73.87 ± 5.7	71.26 ± 3.4		Down in AD	-	0,0420
23a	Geekiyanae et al.	2012	hsa-miR-181c	Serum	Serum	AD vs HC	14	7	7		88,14	86,85		Down in AD	-	0,0250
41a	Tan et al.	2014	hsa-miR-181c-3p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Up in AD	+	0,0000
84a	Guo et al.	2017	hsa-miR-181c-3p	Serum	Serum	AD vs HC	28	19	9		71,67	70.81 ± 8.56		Down in AD	-	0,0490
84b	Guo et al.	2017	hsa-miR-181c-3p	Serum	Serum	AD vs HC	207	121	86		72,74	67.95 ± 5.76		Down in AD	-	0,0005
41a	Tan et al.	2014	hsa-miR-191-5p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Down in AD	-	41E-316
41b	Tan et al.	2019	hsa-miR-191-5p	Serum	Serum	AD vs HC	313	158	155		77.43 ± 7.40	76.86 ± 7.00		Down in AD	-	0,0000
90a	Wu et al.	2017	hsa-miR-195-5p	Serum	Serum	AD vs HC	40	20	20		72.1 ± 8.5	73.0 ± 12.7		Up in AD	+	0,0250
90b	Wu et al.	2017	hsa-miR-195-5p	Serum	Serum	AD vs HC	85	45	40		72.1 ± 8.5	73.0 ± 12.7		Up in AD	+	0,0250
90a	Wu et al.	2017	hsa-miR-19b-3p	Serum	Serum	AD vs HC	40	20	20		72.1 ± 8.5	73.0 ± 12.7		Down in AD	-	0,0250
90b	Wu et al.	2017	hsa-miR-19b-3p	Serum	Serum	AD vs HC	85	45	40		72.1 ± 8.5	73.0 ± 12.7		Down in AD	-	0,0250
6	Wang et al.	2019	hsa-miR-200a-3p	Serum	Serum	AD vs HC	12	7	5		77.14 ± 8.33	67.60 ± 2.65		Down in AD	-	0,0250
148	Liu et al.	2020	hsa-miR-200a-3p	Serum	Serum	AD vs HC	12	7	5		77.14 ± 8.33	67.60 ± 2.65		Down in AD	-	0,0250
90a	Wu et al.	2017	hsa-miR-20b-5p	Serum	Serum	AD vs HC	40	20	20		72.1 ± 8.5	73.0 ± 12.7		Up in AD	+	0,0250
90b	Wu et al.	2017	hsa-miR-20b-5p	Serum	Serum	AD vs HC	85	45	40		72.1 ± 8.5	73.0 ± 12.7		Up in AD	+	0,0250
41a	Tan et al.	2014	hsa-miR-21-5p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Down in AD	-	0,0000
46b	Burgos et al.	2014	hsa-miR-21-5p	Serum	Serum	AD vs HC	115	53	62		81.3±7.7	82.1±10		Down in AD	-	0,0235
68	Jia et al.	2016	hsa-miR-223	Serum	Serum	AD vs HC	146	84	62		81.36 ± 13.25	76.23 ± 19.16		Down in AD	-	0,0005
36a	Galimberti et al.	2014	hsa-miR-223	Serum	Serum	AD vs HC	13	7	6		0	0		Down in AD	-	0,0040
128a	Mancuso et al.	2019	hsa-miR-223-3p	Serum	Serum	AD vs HC	80	40	40		79	75		Down in AD	-	0,0005
41a	Tan et al.	2014	hsa-miR-223-3p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Down in AD	-	0,0000
173	Lu et al.	2021	hsa-miR-22-3p	Serum	Serum	AD vs HC	1309	1021	288		0	0		Down in AD	-	0,0000
84a	Guo et al.	2017	hsa-miR-22-3p	Serum	Serum	AD vs HC	28	19	9		71,67	70.81 ± 8.56		Down in AD	-	0,0005
84b	Guo et al.	2017	hsa-miR-22-3p	Serum	Serum	AD vs HC	207	121	86		72,74	67.95 ± 5.76		Down in AD	-	0,0005
36a	Galimberti et al.	2014	hsa-miR-23a	Serum	Serum	AD vs HC	13	7	6		0	0		Down in AD	-	0,0120
36b	Galimberti et al.	2014	hsa-miR-23a	Serum	Serum	AD vs HC	27	15	12		0	0		Down in AD	-	0,0005
173	Lu et al.	2021	hsa-miR-24-3p	Serum	Serum	AD vs HC	1309	1021	288		0	0		Down in AD	-	0,0000
41a	Tan et al.	2014	hsa-miR-24-3p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Down in AD	-	0,0000

41a	Tan et al.	2014	hsa-miR-26a-5p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Down in AD	-	0,0000
84a	Guo et al.	2017	hsa-miR-26a-5p	Serum	Serum	AD vs HC	28	19	9		71,67	70.81 ± 8.56		Down in AD	-	0,0350
84b	Guo et al.	2017	hsa-miR-26a-5p	Serum	Serum	AD vs HC	207	121	86		72,74	67.95 ± 5.76		Down in AD	-	0,0005
36a	Galimberti et al.	2014	hsa-miR-26b	Serum	Serum	AD vs HC	13	7	6		0	0		Down in AD	-	0,0380
36b	Galimberti et al.	2014	hsa-miR-26b	Serum	Serum	AD vs HC	27	15	12		0	0		Down in AD	-	0,0050
41a	Tan et al.	2014	hsa-miR-26b-5p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Down in AD	-	0,0000
88a	Hara et al.	2017	hsa-miR-26b-5p	Serum	Serum	AD vs HC	45	27	18		84.5 ± 8.0	76.3 ± 7.1		Up in AD	+	0,0260
88c	Hara et al.	2017	hsa-miR-26b-5p	Serum	Serum	AD vs HC	58	36	22		74.7 ± 7.3	73.7 ± 8.4		Up in AD	+	0,0660
243a	He et al.	2022	hsa-miR-27a-3p	Serum	Serum	AD vs HC	57	25	32		72.57 ± 6.83	69.45 ± 7.36		Down in AD	-	0,0250
41a	Tan et al.	2014	hsa-miR-27a-3p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Up in AD	+	0,0000
43	Tan et al.	2015	hsa-miR-29a	Serum	Serum	AD vs HC	255	105	150		71.64 ± 5.28	72.65 ± 4.51		Up in AD	+	0,7260
23a	Geekiyanae et al.	2012	hsa-miR-29a	Serum	Serum	AD vs HC	14	7	7		88,14	86,85		Down in AD	-	0,0250
43	Tan et al.	2016	hsa-miR-29b	Serum	Serum	AD vs HC	255	105	150		71.64 ± 5.28	72.65 ± 4.51		Up in AD	+	0,4450
234	Abuelezz et al.	2022	hsa-miR-29b	Serum	Serum	AD vs HC	46	23	23		73.87 ± 5.7	71.26 ± 3.4		Down in AD	-	0,0330
23a	Geekiyanae et al.	2012	hsa-miR-29b	Serum	Serum	AD vs HC	14	7	7		88,14	86,85		Down in AD	-	0,0250
90a	Wu et al.	2017	hsa-miR-29c-3p	Serum	Serum	AD vs HC	40	20	20		72.1 ± 8.5	73.0 ± 12.7		Down in AD	-	0,0250
90b	Wu et al.	2017	hsa-miR-29c-3p	Serum	Serum	AD vs HC	85	45	40		72.1 ± 8.5	73.0 ± 12.7		Down in AD	-	0,0250
41a	Tan et al.	2014	hsa-miR-30c-2-3p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Down in AD	-	0,0000
46b	Burgos et al.	2014	hsa-miR-30c-2-3p	Serum	Serum	AD vs HC	115	53	62		81.3±7.7	82.1±10		Up in AD	+	0,0048
60	Cheng et al.	2015	hsa-miR-30e-5p	Serum	Serum	AD vs HC	46	23	23		78.89 ± 7.33	73.07 ± 7.57		Up in AD	+	0,0100
41a	Tan et al.	2014	hsa-miR-30e-5p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Down in AD	-	0,0000
181	Liu et al.	2021	hsa-miR-331-3p	Serum	Serum	AD vs HC	170	110	60		72.69 ± 6.64	72.52 ± 7.57		Down in AD	-	0,0005
191	Heydari et al.	2021	hsa-miR-331-3p	Serum	Serum	AD vs HC	44	21	23		0	0		Up in AD	+	0,7800
60	Cheng et al.	2015	hsa-miR-342-3p	Serum	Serum	AD vs HC	46	23	23		78.89 ± 7.33	73.07 ± 7.57		Down in AD	-	0,0100
191	Heydari et al.	2021	hsa-miR-342-3p	Serum	Serum	AD vs HC	44	21	23		0	0		Up in AD	+	0,6100
41a	Tan et al.	2014	hsa-miR-342-3p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Down in AD	-	0,0000
41b	Tan et al.	2018	hsa-miR-342-3p	Serum	Serum	AD vs HC	313	158	155		77.43 ± 7.40	76.86 ± 7.00		Down in AD	-	0,0000
60	Cheng et al.	2015	hsa-miR-361-5p	Serum	Serum	AD vs HC	46	23	23		78.89 ± 7.33	73.07 ± 7.57		Up in AD	+	0,0300
41a	Tan et al.	2014	hsa-miR-361-5p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Down in AD	-	0,0000
41a	Tan et al.	2014	hsa-miR-483-3p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Down in AD	-	0,0000
41b	Tan et al.	2017	hsa-miR-483-3p	Serum	Serum	AD vs HC	313	158	155		77.43 ± 7.40	76.86 ± 7.00		Down in AD	-	0,0001
90a	Wu et al.	2017	hsa-miR-497-5p	Serum	Serum	AD vs HC	40	20	20		72.1 ± 8.5	73.0 ± 12.7		Up in AD	+	0,0250
90b	Wu et al.	2017	hsa-miR-497-5p	Serum	Serum	AD vs HC	85	45	40		72.1 ± 8.5	73.0 ± 12.7		Up in AD	+	0,0250
88a	Hara et al.	2017	hsa-miR-501-3p	Serum	Serum	AD vs HC	45	27	18		84.5 ± 8.0	76.3 ± 7.1		Down in AD	-	0,0020
88c	Hara et al.	2017	hsa-miR-501-3p	Serum	Serum	AD vs HC	58	36	22		74.7 ± 7.3	73.7 ± 8.4		Down in AD	-	0,0000
84a	Guo et al.	2017	hsa-miR-6119-5p	Serum	Serum	AD vs HC	28	19	9		71,67	70.81 ± 8.56		Up in AD	+	0,0010
84b	Guo et al.	2017	hsa-miR-6119-5p	Serum	Serum	AD vs HC	207	121	86		72,74	67.95 ± 5.76		Up in AD	+	0,0005
84a	Guo et al.	2017	hsa-miR-660-5p	Serum	Serum	AD vs HC	28	19	9		71,67	70.81 ± 8.56		Up in AD	+	0,0130
84b	Guo et al.	2017	hsa-miR-660-5p	Serum	Serum	AD vs HC	207	121	86		72,74	67.95 ± 5.76		Up in AD	+	0,0005
41a	Tan et al.	2014	hsa-miR-885-5p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Down in AD	-	0,0000
41b	Tan et al.	2016	hsa-miR-885-5p	Serum	Serum	AD vs HC	313	158	155		77.43 ± 7.40	76.86 ± 7.00		Down in AD	-	0,0003
43	Tan et al.	2014	hsa-miR-9	Serum	Serum	AD vs HC	255	105	150		71.64 ± 5.28	72.65 ± 4.51		Up in AD	+	0,0020
23a	Geekiyanae et al.	2012	hsa-miR-9	Serum	Serum	AD vs HC	14	7	7		88,14	86,85		Down in AD	-	0,0250
60	Cheng et al.	2015	hsa-miR-93-5p	Serum	Serum	AD vs HC	46	23	23		78.89 ± 7.33	73.07 ± 7.57		Up in AD	+	0,0300
41a	Tan et al.	2014	hsa-miR-93-5p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Down in AD	-	0,0000

90a	Wu et al.	2017	hsa-miR-93-5p	Serum	Serum	AD vs HC	40	20	20		72.1 ± 8.5	73.0 ± 12.7		Down in AD	-	0,0250
90b	Wu et al.	2017	hsa-miR-93-5p	Serum	Serum	AD vs HC	85	45	40		72.1 ± 8.5	73.0 ± 12.7		Down in AD	-	0,0250
41a	Tan et al.	2014	hsa-miR-98-5p	Serum	Serum	AD vs HC	100	50	50		72.65 ± 4.51	71.64 ± 5.28		Down in AD	-	0,0000
41b	Tan et al.	2015	hsa-miR-98-5p	Serum	Serum	AD vs HC	313	158	155		77.43 ± 7.40	76.86 ± 7.00		Down in AD	-	0,0003
151	Nie et al.	2020	hsa-let-7b-5p	Ev SERUM	Exosome	AD vs HC	25	5	20		67,8	34		Down in AD	-	0,0180
215	Sandau et al.	2022	hsa-let-7b-5p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Down in AD	-	0,9760
151	Nie et al.	2020	hsa-let-7e-5p	Ev SERUM	Exosome	AD vs HC	25	5	20		67,8	34		Down in AD	-	0,0030
215	Sandau et al.	2022	hsa-let-7e-5p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,8544
216a	Durur et al.	2022	hsa-let-7e-5p	Ev PLASMA	Small neuron-derived EV	AD vs HC	16	8	8		61.4 ± 6.5	71.4 ± 9.4		Up in AD	+	0,0158
216b	Durur et al.	2022	hsa-let-7e-5p	Ev PLASMA	Small neuron-derived EV	AD vs HC	35	20	15		59.3 ± 7.8	70.3 ± 7.4		Up in AD	+	0,0001
216a	Durur et al.	2022	hsa-miR-100-5p	Ev PLASMA	Small neuron-derived EV	AD vs HC	16	8	8		61.4 ± 6.5	71.4 ± 9.4		Down in AD	-	0,0118
215	Sandau et al.	2022	hsa-miR-100-5p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,0351
215	Sandau et al.	2022	hsa-miR-106a-5p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Down in AD	-	0,6024
222a	Jia et al.	2022	hsa-miR-106a-5p	Ev Blood	Exosome	AD vs HC	40	20	20		65.1 ± 6.6	67.8 ± 5.1		Up in AD	+	0,0250
222b	Jia et al.	2022	hsa-miR-106a-5p	Ev Blood	Exosome	AD vs HC	188	95	93		67.8 ± 6.4	68.7 ± 6.9		Up in AD	+	0,0250
142	Cheng et al.	2020	hsa-miR-106a-5p	Ev SERUM	Ev Serum	AD vs HC	43	23	20		0	0		Up in AD	+	0,0069
222a	Jia et al.	2022	hsa-miR-106b-5p	Ev Blood	Exosome	AD vs HC	40	20	20		65.1 ± 6.6	67.8 ± 5.1		Up in AD	+	0,0250
222b	Jia et al.	2022	hsa-miR-106b-5p	Ev Blood	Exosome	AD vs HC	188	95	93		67.8 ± 6.4	68.7 ± 6.9		Up in AD	+	0,0250
142	Cheng et al.	2020	hsa-miR-106b-5p	Ev SERUM	Ev Serum	AD vs HC	43	23	20		0	0		Up in AD	+	0,0290
142	Cheng et al.	2020	hsa-miR-1180-3p	Ev SERUM	Ev Serum	AD vs HC	43	23	20		0	0		Up in AD	+	0,0178
192a	Dong et al.	2021	hsa-miR-1180-3p	Ev Serum	Ev Serum	AD vs HC	16	8	8		80.5 ± 2.9	72.5 ± 3.0		Up in AD	+	0,0005
222a	Jia et al.	2022	hsa-miR-125b-5p	Ev Blood	Exosome	AD vs HC	40	20	20		65.1 ± 6.6	67.8 ± 5.1		Down in AD	-	0,0250
222b	Jia et al.	2022	hsa-miR-125b-5p	Ev Blood	Exosome	AD vs HC	188	95	93		67.8 ± 6.4	68.7 ± 6.9		Down in AD	-	0,0250
215	Sandau et al.	2022	hsa-miR-125b-5p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Down in AD	-	0,5928
59	Lugli et al.	2015	hsa-miR-125b-5p	Ev Plasma	Exosome	AD vs HC	70	35	35		64,94	64,77		Down in AD	-	0,0370
114	McKeever et al.	2018	hsa-miR-125b-5p	Ev CSF	Exosome	AD vs HC	25	13	12		75.5 ± 4.6	66.5 ± 7.7		Up in AD	+	0,0250
192a	Dong et al.	2021	hsa-miR-125b-5p	Ev Serum	Ev Serum	AD vs HC	16	8	8		80.5 ± 2.9	72.5 ± 3.0		Up in AD	+	0,0050
165a	Aharon et al.	2020	hsa-miR-126-3p	Ev Blood	Exosome	AD vs HC	28	9	19		62.3 ± 9.87	65.84 ± 6.53		Down in AD	-	0,0573
132	Gámez-Valero et al.	2019	hsa-miR-126-3p	Ev Plasma	Ev Plasma	AD vs HC	25	10	15		71	70,5		Down in AD	-	0,0040
50	Gui et al.	2015	hsa-miR-127-3p	Ev CSF	Exosome	AD vs HC	55	28	27		65±12	60±13		Down in AD	-	0,6164
222a	Jia et al.	2022	hsa-miR-127-3p	Ev Blood	Exosome	AD vs HC	40	20	20		65.1 ± 6.6	67.8 ± 5.1		Up in AD	+	0,0250
222b	Jia et al.	2022	hsa-miR-127-3p	Ev Blood	Exosome	AD vs HC	188	95	93		67.8 ± 6.4	68.7 ± 6.9		Up in AD	+	0,0250
142	Cheng et al.	2020	hsa-miR-1306-5p	Ev SERUM	Ev Serum	AD vs HC	43	23	20		0	0		Down in AD	-	0,0039
149a	Li et al.	2020	hsa-miR-1306-5p	Ev SERUM	Exosome	AD vs HC	36	18	18		68.2 ± 8.7	69.1 ± 10.6		Down in AD	-	0,0010
135c	Cha et al.	2019	hsa-miR-132-3p	Ev Serum	Exosome	AD vs HC	47	16	31		71,87	73		Down in AD	-	0,0333
215	Sandau et al.	2022	hsa-miR-132-3p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,1512
215	Sandau et al.	2022	hsa-miR-133a-3p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,9469
184a	Sproviero et al.	2021	hsa-miR-133a-3p	Ev Plasma	Small Extracellular Vesicles	AD vs HC	12	6	6		77 ± 3.7	55 ± 5.2		Up in AD	+	0,0000
222a	Jia et al.	2022	hsa-miR-138-5p	Ev Blood	Exosome	AD vs HC	40	20	20		65.1 ± 6.6	67.8 ± 5.1		Down in AD	-	0,0250
222b	Jia et al.	2022	hsa-miR-138-5p	Ev Blood	Exosome	AD vs HC	188	95	93		67.8 ± 6.4	68.7 ± 6.9		Down in AD	-	0,0000
59	Lugli et al.	2015	hsa-miR-138-5p	Ev Plasma	Exosome	AD vs HC	70	35	35		64,94	64,77		Up in AD	+	0,0304

59	Lugli et al.	2015	hsa-miR-139-5p	Ev Plasma	Exosome	AD vs HC	70	35	35		64,94	64,77		Down in AD	-	0,0415
222a	Jia et al.	2022	hsa-miR-139-5p	Ev Blood	Exosome	AD vs HC	40	20	20		65.1 ± 6.6	67.8 ± 5.1		Up in AD	+	0,0250
222b	Jia et al.	2022	hsa-miR-139-5p	Ev Blood	Exosome	AD vs HC	188	95	93		67.8 ± 6.4	68.7 ± 6.9		Up in AD	+	0,0250
165a	Aharon et al.	2020	hsa-miR-142-3p	Ev Blood	Exosome	AD vs HC	28	9	19		62.3 ± 9.87	65.84 ± 6.53		Down in AD	-	0,0278
215	Sandau et al.	2022	hsa-miR-142-3p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,5819
222a	Jia et al.	2022	hsa-miR-143-3p	Ev Blood	Exosome	AD vs HC	40	20	20		65.1 ± 6.6	67.8 ± 5.1		Up in AD	+	0,0250
222b	Jia et al.	2022	hsa-miR-143-3p	Ev Blood	Exosome	AD vs HC	188	95	93		67.8 ± 6.4	68.7 ± 6.9		Up in AD	+	0,0001
215	Sandau et al.	2022	hsa-miR-145-5p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Down in AD	-	0,3149
216a	Durur et al.	2022	hsa-miR-145-5p	Ev PLASMA	Small neuron-derived EV	AD vs HC	16	8	8		61.4 ± 6.5	71.4 ± 9.4		Down in AD	-	0,0197
165a	Aharon et al.	2020	hsa-miR-146a-5p	Ev Blood	Exosome	AD vs HC	28	9	19		62.3 ± 9.87	65.84 ± 6.53		Down in AD	-	0,0062
215	Sandau et al.	2022	hsa-miR-146a-5p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,6577
151	Nie et al.	2020	hsa-miR-146a-5p	Ev SERUM	Exosome	AD vs HC	25	5	20		67,8	34		Up in AD	+	0,0170
222a	Jia et al.	2022	hsa-miR-150-5p	Ev Blood	Exosome	AD vs HC	40	20	20		65.1 ± 6.6	67.8 ± 5.1		Down in AD	-	0,0250
222b	Jia et al.	2022	hsa-miR-150-5p	Ev Blood	Exosome	AD vs HC	188	95	93		67.8 ± 6.4	68.7 ± 6.9		Down in AD	-	0,0250
59	Lugli et al.	2015	hsa-miR-150-5p	Ev Plasma	Exosome	AD vs HC	70	35	35		64,94	64,77		Down in AD	-	0,0439
215	Sandau et al.	2022	hsa-miR-150-5p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Down in AD	-	0,8810
200	Fitz et al.	2021	hsa-miR-151a-5p	Ev Plasma	Ev Plasma	AD vs HC	39	23	16		76.0 ± 6.0	73.0 ± 6.0		Down in AD	-	0,0490
151	Nie et al.	2020	hsa-miR-151a-5p	Ev SERUM	Exosome	AD vs HC	25	5	20		67,8	34		Up in AD	+	0,0450
222a	Jia et al.	2022	hsa-miR-15a-5p	Ev Blood	Exosome	AD vs HC	40	20	20		65.1 ± 6.6	67.8 ± 5.1		Up in AD	+	0,0250
222b	Jia et al.	2022	hsa-miR-15a-5p	Ev Blood	Exosome	AD vs HC	188	95	93		67.8 ± 6.4	68.7 ± 6.9		Up in AD	+	0,0250
142	Cheng et al.	2020	hsa-miR-15a-5p	Ev SERUM	Ev Serum	AD vs HC	43	23	20		0	0		Up in AD	+	0,0295
215	Sandau et al.	2022	hsa-miR-17-5p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Down in AD	-	0,3072
151	Nie et al.	2020	hsa-miR-17-5p	Ev SERUM	Exosome	AD vs HC	25	5	20		67,8	34		Down in AD	-	0,0420
59	Lugli et al.	2015	hsa-miR-185-5p	Ev Plasma	Exosome	AD vs HC	70	35	35		64,94	64,77		Down in AD	-	0,0012
208	Ding et al.	2022	hsa-miR-185-5p	Ev SERUM	Exosome	AD vs HC	6	3	3		67.3 ± 4.7	70.0 ± 7.1		Down in AD	-	0,0250
200	Fitz et al.	2021	hsa-miR-185-5p	Ev Plasma	Ev Plasma	AD vs HC	39	23	16		76.0 ± 6.0	73.0 ± 6.0		Up in AD	+	0,0458
151	Nie et al.	2020	hsa-miR-191-3p	Ev SERUM	Exosome	AD vs HC	25	5	20		67,8	34		Down in AD	-	0,0130
200	Fitz et al.	2021	hsa-miR-191-3p	Ev Plasma	Ev Plasma	AD vs HC	39	23	16		76.0 ± 6.0	73.0 ± 6.0		Up in AD	+	0,0368
142	Cheng et al.	2020	hsa-miR-191-5p	Ev SERUM	Ev Serum	AD vs HC	43	23	20		0	0		Down in AD	-	0,0130
215	Sandau et al.	2022	hsa-miR-191-5p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,2569
104a	Yang et al.	2018	hsa-miR-193b	Ev Serum	Exosome	AD vs HC	335	107	228		74.15 ± 7.93	0		Down in AD	-	0,0050
175d	Liu et al.	2021	hsa-miR-193b	Ev CSF	Exosome	AD vs HC	17	11	6		69.4 ± 3.3	69.4 ± 3.3		Up in AD	+	0,0060
175a	Liu et al.	2021	hsa-miR-193b	Ev SERUM	Exosome	AD vs HC	152	92	60		78.1 ± 7.2	76.5 ± 6.1		Up in AD	+	0,0001
215	Sandau et al.	2022	hsa-miR-197-3p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Down in AD	-	0,9260
151	Nie et al.	2020	hsa-miR-197-3p	Ev SERUM	Exosome	AD vs HC	25	5	20		67,8	34		Down in AD	-	0,0001
151	Nie et al.	2020	hsa-miR-197-5p	Ev SERUM	Exosome	AD vs HC	25	5	20		67,8	34		Down in AD	-	0,0040
174	Su et al.	2021	hsa-miR-197-5p	Ev Serum	Exosome	AD vs HC	240	120	120		69.22±5.76	68.53±6.59		Up in AD	+	0,0250
215	Sandau et al.	2022	hsa-miR-19b-3p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Down in AD	-	0,1900
151	Nie et al.	2020	hsa-miR-19b-3p	Ev SERUM	Exosome	AD vs HC	25	5	20		67,8	34		Down in AD	-	0,0400
50	Gui et al.	2015	hsa-miR-19b-3p	Ev CSF	Exosome	AD vs HC	55	28	27		65±12	60±13		Up in AD	+	0,9713
171	Tan et al.	2021	hsa-miR-204-5p	Ev CSF	Exosome	AD vs HC	36	28	8		58.2 ± 4.8	54.6 ± 7.6		Down in AD	-	0,0250
215	Sandau et al.	2022	hsa-miR-204-5p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Down in AD	-	0,4355
151	Nie et al.	2020	hsa-miR-204-5p	Ev SERUM	Exosome	AD vs HC	25	5	20		67,8	34		Down in AD	-	0,0001
151	Nie et al.	2020	hsa-miR-20a-5p	Ev SERUM	Exosome	AD vs HC	25	5	20		67,8	34		Down in AD	-	0,0090

222a	Jia et al.	2022	hsa-miR-20a-5p	Ev Blood	Exosome	AD vs HC	40	20	20		65.1 ± 6.6	67.8 ± 5.1		Up in AD	+	0,0250
222b	Jia et al.	2022	hsa-miR-20a-5p	Ev Blood	Exosome	AD vs HC	188	95	93		67.8 ± 6.4	68.7 ± 6.9		Up in AD	+	0,0250
142	Cheng et al.	2020	hsa-miR-20a-5p	Ev SERUM	Ev Serum	AD vs HC	43	23	20		0	0		Up in AD	+	0,0043
215	Sandau et al.	2022	hsa-miR-20a-5p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Down in AD	-	0,9018
132	Gámez-Valero et al.	2019	hsa-miR-21-5p	Ev Plasma	Ev Plasma	AD vs HC	25	10	15		71	70,5		Down in AD	-	0,0075
200	Fitz et al.	2021	hsa-miR-21-5p	Ev Plasma	Ev Plasma	AD vs HC	39	23	16		76.0 ± 6.0	73.0 ± 6.0		Down in AD	-	0,0056
151	Nie et al.	2020	hsa-miR-21-5p	Ev SERUM	Exosome	AD vs HC	25	5	20		67,8	34		Up in AD	+	0,0320
165a	Aharon et al.	2020	hsa-miR-223-3p	Ev Blood	Exosome	AD vs HC	28	9	19		62.3 ± 9.87	65.84 ± 6.53		Down in AD	-	0,0476
192a	Dong et al.	2021	hsa-miR-223-3p	Ev Serum	Ev Serum	AD vs HC	16	8	8		80.5 ± 2.9	72.5 ± 3.0		Down in AD	-	0,0005
215	Sandau et al.	2022	hsa-miR-223-3p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,2417
156	Serpente et al.	2020	hsa-miR-223-3p	Ev Plasma	Ev Plasma	AD vs HC	80	40	40		72,8	66,6		Up in AD	+	0,0001
151	Nie et al.	2020	hsa-miR-22-3p	Ev SERUM	Exosome	AD vs HC	25	5	20		67,8	34		Up in AD	+	0,0150
192a	Dong et al.	2021	hsa-miR-22-3p	Ev Serum	Ev Serum	AD vs HC	16	8	8		80.5 ± 2.9	72.5 ± 3.0		Up in AD	+	0,0005
192b	Dong et al.	2021	hsa-miR-22-3p	Ev Serum	Ev Serum	AD vs HC	80	40	40		75.1 ± 7.5	77.1 ± 6.2		Up in AD	+	0,0351
192a	Dong et al.	2021	hsa-miR-22-5p	Ev Serum	Ev Serum	AD vs HC	16	8	8		80.5 ± 2.9	72.5 ± 3.0		Up in AD	+	0,0005
192b	Dong et al.	2021	hsa-miR-22-5p	Ev Serum	Ev Serum	AD vs HC	80	40	40		75.1 ± 7.5	77.1 ± 6.2		Up in AD	+	0,5700
132	Gámez-Valero et al.	2019	hsa-miR-23a-3p	Ev Plasma	Ev Plasma	AD vs HC	25	10	15		71	70,5		Down in AD	-	0,0016
156	Serpente et al.	2020	hsa-miR-23a-3p	Ev Plasma	Ev Plasma	AD vs HC	80	40	40		72,8	66,6		Up in AD	+	0,0260
151	Nie et al.	2020	hsa-miR-23a-3p	Ev SERUM	Exosome	AD vs HC	25	5	20		67,8	34		Up in AD	+	0,0001
174	Su et al.	2021	hsa-miR-23a-3p	Ev Serum	Exosome	AD vs HC	240	120	120		69.22±5.76	68.53±6.59		Up in AD	+	0,0250
222a	Jia et al.	2022	hsa-miR-23b-3p	Ev Blood	Exosome	AD vs HC	40	20	20		65.1 ± 6.6	67.8 ± 5.1		Down in AD	-	0,0250
222b	Jia et al.	2022	hsa-miR-23b-3p	Ev Blood	Exosome	AD vs HC	188	95	93		67.8 ± 6.4	68.7 ± 6.9		Down in AD	-	0,0250
59	Lugli et al.	2015	hsa-miR-23b-3p	Ev Plasma	Exosome	AD vs HC	70	35	35		64,94	64,77		Down in AD	-	0,0252
215	Sandau et al.	2022	hsa-miR-24-3p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Down in AD	-	0,9930
59	Lugli et al.	2015	hsa-miR-24-3p	Ev Plasma	Exosome	AD vs HC	70	35	35		64,94	64,77		Down in AD	-	0,0311
136	Jain et al.	2019	hsa-miR-27a-3p	Ev CSF	Exosome	AD vs HC	61	23	38		0	0		Up in AD	+	0,0100
151	Nie et al.	2020	hsa-miR-27a-3p	Ev SERUM	Exosome	AD vs HC	25	5	20		67,8	34		Up in AD	+	0,0310
228a	Li et al.	2022	hsa-miR-29c-3p	Ev PLASMA	Exosomes	AD vs HC	120	80	40		66.5 ± 6.4	65.3 ± 6.4		Up in AD	+	0,0005
228c	Li et al.	2022	hsa-miR-29c-3p	Ev PLASMA	Exosomes	AD vs HC	116	76	40		65.8 ± 6.5	65.4 ± 6.2		Up in AD	+	0,0005
222a	Jia et al.	2022	hsa-miR-29c-5p	Ev Blood	Exosome	AD vs HC	40	20	20		65.1 ± 6.6	67.8 ± 5.1		Up in AD	+	0,0250
222b	Jia et al.	2022	hsa-miR-29c-5p	Ev Blood	Exosome	AD vs HC	188	95	93		67.8 ± 6.4	68.7 ± 6.9		Up in AD	+	0,0000
59	Lugli et al.	2015	hsa-miR-3065-5p	Ev Plasma	Exosome	AD vs HC	70	35	35		64,94	64,77		Down in AD	-	0,0403
142	Cheng et al.	2020	hsa-miR-3065-5p	Ev SERUM	Ev Serum	AD vs HC	43	23	20		0	0		Up in AD	+	0,0449
149a	Li et al.	2020	hsa-miR-3065-5p	Ev SERUM	Exosome	AD vs HC	36	18	18		68.2 ± 8.7	69.1 ± 10.6		Up in AD	+	0,0012
215	Sandau et al.	2022	hsa-miR-30a-5p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Down in AD	-	0,3567
136	Jain et al.	2019	hsa-miR-30a-5p	Ev CSF	Exosome	AD vs HC	61	23	38		0	0		Up in AD	+	0,0100
215	Sandau et al.	2022	hsa-miR-30b-5p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Down in AD	-	0,3922
192a	Dong et al.	2021	hsa-miR-30b-5p	Ev Serum	Ev Serum	AD vs HC	16	8	8		80.5 ± 2.9	72.5 ± 3.0		Down in AD	-	0,0005
192b	Dong et al.	2021	hsa-miR-30b-5p	Ev Serum	Ev Serum	AD vs HC	80	40	40		75.1 ± 7.5	77.1 ± 6.2		Down in AD	-	0,0096
215	Sandau et al.	2022	hsa-miR-30e-3p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,3313
233a	Wang et al.	2022	hsa-miR-30e-3p	Ev Serum	Ev Serum	AD vs HC	6	3	3		69.2 ± 5.9	70.0 ± 7.1		Up in AD	+	0,0250
216a	Durur et al.	2022	hsa-miR-30e-5p	Ev PLASMA	Small neuron-derived EV	AD vs HC	16	8	8		61.4 ± 6.5	71.4 ± 9.4		Down in AD	-	0,0101
215	Sandau et al.	2022	hsa-miR-30e-5p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,4592
142	Cheng et al.	2020	hsa-miR-30e-5p	Ev SERUM	Ev Serum	AD vs HC	43	23	20		0	0		Up in AD	+	0,0059

184a	Sproviero et al.	2021	hsa-miR-3152-3p	Ev Plasma	Small Extracellular Vesicles	AD vs HC	12	6	6		77 ± 3.7	55 ± 5.2		Up in AD	+	0,0005
184b	Sproviero et al.	2021	hsa-miR-3152-3p	Ev Plasma	Large Extracellular Vesicles	AD vs HC	12	6	6		77 ± 3.7	55 ± 5.2		Up in AD	+	0,0011
171	Tan et al.	2021	hsa-miR-320a	Ev CSF	Exosome	AD vs HC	36	28	8		58.2 ± 4.8	54.6 ± 7.6		Down in AD	-	0,0050
215	Sandau et al.	2022	hsa-miR-320a	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Down in AD	-	0,2055
215	Sandau et al.	2022	hsa-miR-320c	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,8804
192a	Dong et al.	2021	hsa-miR-320c	Ev Serum	Ev Serum	AD vs HC	16	8	8		80.5 ± 2.9	72.5 ± 3.0		Up in AD	+	0,0005
215	Sandau et al.	2022	hsa-miR-320d	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,3550
192a	Dong et al.	2021	hsa-miR-320d	Ev Serum	Ev Serum	AD vs HC	16	8	8		80.5 ± 2.9	72.5 ± 3.0		Up in AD	+	0,0010
151	Nie et al.	2020	hsa-miR-320e	Ev SERUM	Exosome	AD vs HC	25	5	20		67,8	34		Down in AD	-	0,0001
192a	Dong et al.	2021	hsa-miR-320e	Ev Serum	Ev Serum	AD vs HC	16	8	8		80.5 ± 2.9	72.5 ± 3.0		Up in AD	+	0,0010
200	Fitz et al.	2021	hsa-miR-323b-3p	Ev Plasma	Ev Plasma	AD vs HC	39	23	16		76.0 ± 6.0	73.0 ± 6.0		Down in AD	-	0,0261
184a	Sproviero et al.	2021	hsa-miR-323b-3p	Ev Plasma	Small Extracellular Vesicles	AD vs HC	12	6	6		77 ± 3.7	55 ± 5.2		Down in AD	-	0,0014
171	Tan et al.	2021	hsa-miR-328-3p	Ev CSF	Exosome	AD vs HC	36	28	8		58.2 ± 4.8	54.6 ± 7.6		Down in AD	-	0,0250
215	Sandau et al.	2022	hsa-miR-328-3p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Down in AD	-	0,7587
142	Cheng et al.	2020	hsa-miR-331-3p	Ev SERUM	Ev Serum	AD vs HC	43	23	20		0	0		Down in AD	-	0,0084
215	Sandau et al.	2022	hsa-miR-331-3p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,0036
222a	Jia et al.	2022	hsa-miR-335-5p	Ev Blood	Exosome	AD vs HC	40	20	20		65.1 ± 6.6	67.8 ± 5.1		Up in AD	+	0,0250
222b	Jia et al.	2022	hsa-miR-335-5p	Ev Blood	Exosome	AD vs HC	188	95	93		67.8 ± 6.4	68.7 ± 6.9		Up in AD	+	0,0000
59	Lugli et al.	2015	hsa-miR-338-3p	Ev Plasma	Exosome	AD vs HC	70	35	35		64,94	64,77		Down in AD	-	0,0398
200	Fitz et al.	2021	hsa-miR-338-3p	Ev Plasma	Ev Plasma	AD vs HC	39	23	16		76.0 ± 6.0	73.0 ± 6.0		Up in AD	+	0,0374
222a	Jia et al.	2022	hsa-miR-342-3p	Ev Blood	Exosome	AD vs HC	40	20	20		65.1 ± 6.6	67.8 ± 5.1		Down in AD	-	0,0250
222b	Jia et al.	2022	hsa-miR-342-3p	Ev Blood	Exosome	AD vs HC	188	95	93		67.8 ± 6.4	68.7 ± 6.9		Down in AD	-	0,0001
59	Lugli et al.	2015	hsa-miR-342-3p	Ev Plasma	Exosome	AD vs HC	70	35	35		64,94	64,77		Down in AD	-	0,0039
200	Fitz et al.	2021	hsa-miR-342-3p	Ev Plasma	Ev Plasma	AD vs HC	39	23	16		76.0 ± 6.0	73.0 ± 6.0		Down in AD	-	0,0091
142	Cheng et al.	2020	hsa-miR-342-3p	Ev SERUM	Ev Serum	AD vs HC	43	23	20		0	0		Down in AD	-	0,0094
149a	Li et al.	2020	hsa-miR-342-3p	Ev SERUM	Exosome	AD vs HC	36	18	18		68.2 ± 8.7	69.1 ± 10.6		Down in AD	-	0,0180
215	Sandau et al.	2022	hsa-miR-342-3p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,2445
59	Lugli et al.	2015	hsa-miR-342-5p	Ev Plasma	Exosome	AD vs HC	70	35	35		64,94	64,77		Down in AD	-	0,0197
240	Dong et al.	2022	hsa-miR-342-5p	Ev SERUM	Exosome	AD vs HC	80	40	40		75.1 ± 7.5	77.1 ± 6.2		Down in AD	-	0,0291
192b	Dong et al.	2021	hsa-miR-375-3p	Ev Serum	Ev Serum	AD vs HC	80	40	40		75.1 ± 7.5	77.1 ± 6.2		Down in AD	-	0,1544
192a	Dong et al.	2021	hsa-miR-375-3p	Ev Serum	Ev Serum	AD vs HC	16	8	8		80.5 ± 2.9	72.5 ± 3.0		Up in AD	+	0,0005
215	Sandau et al.	2022	hsa-miR-378a-3p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,3584
192a	Dong et al.	2021	hsa-miR-378a-3p	Ev Serum	Ev Serum	AD vs HC	16	8	8		80.5 ± 2.9	72.5 ± 3.0		Up in AD	+	0,0005
192b	Dong et al.	2021	hsa-miR-378a-3p	Ev Serum	Ev Serum	AD vs HC	80	40	40		75.1 ± 7.5	77.1 ± 6.2		Up in AD	+	0,0008
216a	Durur et al.	2022	hsa-miR-378c	Ev PLASMA	Small neuron-derived EV	AD vs HC	16	8	8		61.4 ± 6.5	71.4 ± 9.4		Down in AD	-	0,0371
142	Cheng et al.	2020	hsa-miR-378c	Ev SERUM	Ev Serum	AD vs HC	43	23	20		0	0		Up in AD	+	0,0363
192a	Dong et al.	2021	hsa-miR-378c	Ev Serum	Ev Serum	AD vs HC	16	8	8		80.5 ± 2.9	72.5 ± 3.0		Up in AD	+	0,0005
142	Cheng et al.	2020	hsa-miR-378e	Ev SERUM	Ev Serum	AD vs HC	43	23	20		0	0		Down in AD	-	0,0424
215	Sandau et al.	2022	hsa-miR-378e	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,0394
216a	Durur et al.	2022	hsa-miR-378i	Ev PLASMA	Small neuron-derived EV	AD vs HC	16	8	8		61.4 ± 6.5	71.4 ± 9.4		Down in AD	-	0,0046

151	Nie et al.	2020	hsa-miR-378i	Ev SERUM	Exosome	AD vs HC	25	5	20		67,8	34		Up in AD	+	0,0080
223a	Li et al.	2022	hsa-miR-384	Ev PLASMA	Exosome	AD vs HC	70	40	30		66.3 ± 6.5	65.2 ± 6.5		Up in AD	+	0,0005
223c	Li et al.	2022	hsa-miR-384	Ev PLASMA	Exosome	AD vs HC	75	45	30		65.7 ± 6.6	65.3 ± 6.1		Up in AD	+	0,0005
104a	Yang et al.	2018	hsa-miR-384	Ev Serum	Exosome	AD vs HC	335	107	228		74.15 ± 7.93	0		Up in AD	+	0,0250
184a	Sproviero et al.	2021	hsa-miR-409-3p	Ev Plasma	Small Extracellular Vesicles	AD vs HC	12	6	6		77 ± 3.7	55 ± 5.2		Down in AD	-	0,0001
50	Gui et al.	2015	hsa-miR-409-3p	Ev CSF	Exosome	AD vs HC	55	28	27		65±12	60±13		Up in AD	+	0,0558
233a	Wang et al.	2022	hsa-miR-409-3p	Ev Serum	Ev Serum	AD vs HC	6	3	3		69.2 ± 5.9	70.0 ± 7.1		Up in AD	+	0,0250
215	Sandau et al.	2022	hsa-miR-409-3p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,0026
222a	Jia et al.	2022	hsa-miR-424-5p	Ev Blood	Exosome	AD vs HC	40	20	20		65.1 ± 6.6	67.8 ± 5.1		Up in AD	+	0,0250
222b	Jia et al.	2022	hsa-miR-424-5p	Ev Blood	Exosome	AD vs HC	188	95	93		67.8 ± 6.4	68.7 ± 6.9		Up in AD	+	0,0250
142	Cheng et al.	2020	hsa-miR-424-5p	Ev SERUM	Ev Serum	AD vs HC	43	23	20		0	0		Up in AD	+	0,0127
149a	Li et al.	2020	hsa-miR-424-5p	Ev SERUM	Exosome	AD vs HC	36	18	18		68.2 ± 8.7	69.1 ± 10.6		Up in AD	+	0,0030
184a	Sproviero et al.	2021	hsa-miR-432-5p	Ev Plasma	Small Extracellular Vesicles	AD vs HC	12	6	6		77 ± 3.7	55 ± 5.2		Down in AD	-	0,0001
233a	Wang et al.	2022	hsa-miR-432-5p	Ev Serum	Ev Serum	AD vs HC	6	3	3		69.2 ± 5.9	70.0 ± 7.1		Up in AD	+	0,0250
184a	Sproviero et al.	2021	hsa-miR-4433b-5p	Ev Plasma	Small Extracellular Vesicles	AD vs HC	12	6	6		77 ± 3.7	55 ± 5.2		Down in AD	-	0,0030
184b	Sproviero et al.	2021	hsa-miR-4433b-5p	Ev Plasma	Large Extracellular Vesicles	AD vs HC	12	6	6		77 ± 3.7	55 ± 5.2		Down in AD	-	0,0000
233a	Wang et al.	2022	hsa-miR-4433b-5p	Ev Serum	Ev Serum	AD vs HC	6	3	3		69.2 ± 5.9	70.0 ± 7.1		Up in AD	+	0,0250
215	Sandau et al.	2022	hsa-miR-4454	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,5702
142	Cheng et al.	2020	hsa-miR-4454	Ev SERUM	Ev Serum	AD vs HC	43	23	20		0	0		Up in AD	+	0,0461
132	Gámez-Valero et al.	2019	hsa-miR-451a	Ev Plasma	Ev Plasma	AD vs HC	25	10	15		71	70,5		Down in AD	-	0,0003
216a	Durur et al.	2022	hsa-miR-451a	Ev PLASMA	Small neuron-derived EV	AD vs HC	16	8	8		61.4 ± 6.5	71.4 ± 9.4		Down in AD	-	0,0119
233a	Wang et al.	2022	hsa-miR-451a	Ev Serum	Ev Serum	AD vs HC	6	3	3		69.2 ± 5.9	70.0 ± 7.1		Down in AD	-	0,0250
192a	Dong et al.	2021	hsa-miR-451a	Ev Serum	Ev Serum	AD vs HC	16	8	8		80.5 ± 2.9	72.5 ± 3.0		Up in AD	+	0,0020
114	McKeever et al.	2018	hsa-miR-451a	Ev CSF	Exosome	AD vs HC	25	13	12		75.5 ± 4.6	66.5 ± 7.7		Down in AD	-	0,0001
200	Fitz et al.	2021	hsa-miR-483-3p	Ev Plasma	Ev Plasma	AD vs HC	39	23	16		76.0 ± 6.0	73.0 ± 6.0		Down in AD	-	0,0388
151	Nie et al.	2020	hsa-miR-483-3p	Ev SERUM	Exosome	AD vs HC	25	5	20		67,8	34		Down in AD	-	0,0001
215	Sandau et al.	2022	hsa-miR-483-5p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Down in AD	-	0,5108
233a	Wang et al.	2022	hsa-miR-483-5p	Ev Serum	Ev Serum	AD vs HC	6	3	3		69.2 ± 5.9	70.0 ± 7.1		Down in AD	-	0,0250
142	Cheng et al.	2020	hsa-miR-484	Ev SERUM	Ev Serum	AD vs HC	43	23	20		0	0		Down in AD	-	0,0332
216a	Durur et al.	2022	hsa-miR-484	Ev PLASMA	Small neuron-derived EV	AD vs HC	16	8	8		61.4 ± 6.5	71.4 ± 9.4		Up in AD	+	0,0166
184a	Sproviero et al.	2021	hsa-miR-485-3p	Ev Plasma	Small Extracellular Vesicles	AD vs HC	12	6	6		77 ± 3.7	55 ± 5.2		Down in AD	-	0,0000
184b	Sproviero et al.	2021	hsa-miR-485-3p	Ev Plasma	Large Extracellular Vesicles	AD vs HC	12	6	6		77 ± 3.7	55 ± 5.2		Down in AD	-	0,0002
233a	Wang et al.	2022	hsa-miR-485-3p	Ev Serum	Ev Serum	AD vs HC	6	3	3		69.2 ± 5.9	70.0 ± 7.1		Up in AD	+	0,0250
184a	Sproviero et al.	2021	hsa-miR-485-5p	Ev Plasma	Small Extracellular Vesicles	AD vs HC	12	6	6		77 ± 3.7	55 ± 5.2		Down in AD	-	0,0001
222a	Jia et al.	2022	hsa-miR-485-5p	Ev Blood	Exosome	AD vs HC	40	20	20		65.1 ± 6.6	67.8 ± 5.1		Up in AD	+	0,0250
222b	Jia et al.	2022	hsa-miR-485-5p	Ev Blood	Exosome	AD vs HC	188	95	93		67.8 ± 6.4	68.7 ± 6.9		Up in AD	+	0,0000

50	Gui et al.	2015	hsa-miR-485-5p	Ev CSF	Exosome	AD vs HC	55	28	27		65±12	60±13		Up in AD	+	0,0269
184a	Sproviero et al.	2021	hsa-miR-543	Ev Plasma	Small Extracellular Vesicles	AD vs HC	12	6	6		77 ± 3.7	55 ± 5.2		Down in AD	-	0,0022
233a	Wang et al.	2022	hsa-miR-543	Ev Serum	Ev Serum	AD vs HC	6	3	3		69.2 ± 5.9	70.0 ± 7.1		Up in AD	+	0,0250
184a	Sproviero et al.	2021	hsa-miR-579-5p	Ev Plasma	Small Extracellular Vesicles	AD vs HC	12	6	6		77 ± 3.7	55 ± 5.2		Up in AD	+	0,0002
184b	Sproviero et al.	2021	hsa-miR-579-5p	Ev Plasma	Large Extracellular Vesicles	AD vs HC	12	6	6		77 ± 3.7	55 ± 5.2		Up in AD	+	0,0004
215	Sandau et al.	2022	hsa-miR-584-5p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,8414
142	Cheng et al.	2020	hsa-miR-584-5p	Ev SERUM	Ev Serum	AD vs HC	43	23	20		0	0		Up in AD	+	0,0347
215	Sandau et al.	2022	hsa-miR-625-3p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Down in AD	-	0,8051
184a	Sproviero et al.	2021	hsa-miR-625-3p	Ev Plasma	Small Extracellular Vesicles	AD vs HC	12	6	6		77 ± 3.7	55 ± 5.2		Down in AD	-	0,0002
184a	Sproviero et al.	2021	hsa-miR-767-3p	Ev Plasma	Small Extracellular Vesicles	AD vs HC	12	6	6		77 ± 3.7	55 ± 5.2		Up in AD	+	0,0000
184b	Sproviero et al.	2021	hsa-miR-767-3p	Ev Plasma	Large Extracellular Vesicles	AD vs HC	12	6	6		77 ± 3.7	55 ± 5.2		Up in AD	+	0,0000
184a	Sproviero et al.	2021	hsa-miR-7856-5p	Ev Plasma	Small Extracellular Vesicles	AD vs HC	12	6	6		77 ± 3.7	55 ± 5.2		Up in AD	+	0,0007
184b	Sproviero et al.	2021	hsa-miR-7856-5p	Ev Plasma	Large Extracellular Vesicles	AD vs HC	12	6	6		77 ± 3.7	55 ± 5.2		Up in AD	+	0,0000
222a	Jia et al.	2022	hsa-miR-93-5p	Ev Blood	Exosome	AD vs HC	40	20	20		65.1 ± 6.6	67.8 ± 5.1		Up in AD	+	0,0250
222b	Jia et al.	2022	hsa-miR-93-5p	Ev Blood	Exosome	AD vs HC	188	95	93		67.8 ± 6.4	68.7 ± 6.9		Up in AD	+	0,0250
142	Cheng et al.	2020	hsa-miR-93-5p	Ev SERUM	Ev Serum	AD vs HC	43	23	20		0	0		Up in AD	+	0,0094
149a	Li et al.	2020	hsa-miR-93-5p	Ev SERUM	Exosome	AD vs HC	36	18	18		68.2 ± 8.7	69.1 ± 10.6		Up in AD	+	0,0016
222a	Jia et al.	2022	hsa-miR-9-5p	Ev Blood	Exosome	AD vs HC	40	20	20		65.1 ± 6.6	67.8 ± 5.1		Up in AD	+	0,0250
222b	Jia et al.	2022	hsa-miR-9-5p	Ev Blood	Exosome	AD vs HC	188	95	93		67.8 ± 6.4	68.7 ± 6.9		Up in AD	+	0,0250
216a	Durur et al.	2022	hsa-miR-99b-5p	Ev PLASMA	Small neuron-derived EV	AD vs HC	16	8	8		61.4 ± 6.5	71.4 ± 9.4		Down in AD	-	0,0256
215	Sandau et al.	2022	hsa-miR-99b-5p	Ev CSF	Ev CSF	AD vs HC	56	28	28		73.05 ± 7.3	71.95 ± 7.0		Up in AD	+	0,2661
96d	Llorens et al.	2017	hsa-miR-124-3p	Brain Tissue	Dentate Gyrus	MCI vs HC	15		8	7		50,63	81,71	Down in MCI	-	0,0900
96a	Llorens et al.	2017	hsa-miR-124-3p	Brain Tissue	Locus Coeruleus	MCI vs HC	14		6	8		50,67	79	Up in MCI	+	0,0300
34a	Absalon et al.	2013	hsa-miR-132	Brain Tissue	Temporal Cortex	MCI vs HC	12		6	6		76.5 ± 5.5	79.5 ± 6.7	Down in MCI	-	0,0040
49c	Weinberg et al.	2015	hsa-miR-132	Brain Tissue	Frontal cortex	MCI vs HC	22		12	10		83.0 ± 5.9	82.9 ± 4.9	Down in MCI	-	0,0050
120b	Liu et al.	2019	hsa-miR-132	Brain Tissue	Temporal Lobe	MCI vs HC	20		10	10		0	0	Up in MCI	+	0,0250
96a	Llorens et al.	2017	hsa-miR-143-3p	Brain Tissue	Locus Coeruleus	MCI vs HC	14		6	8		50,67	79	Up in MCI	+	0,0010
96b	Llorens et al.	2017	hsa-miR-143-3p	Brain Tissue	Entorhinal Cortex	MCI vs HC	24		10	14		52,1	78,78	Up in MCI	+	0,0010
34a	Absalon et al.	2013	hsa-miR-26b	Brain Tissue	Temporal Cortex	MCI vs HC	12		6	6		76.5 ± 5.5	79.5 ± 6.7	Up in MCI	+	0,0060
34b	Absalon et al.	2013	hsa-miR-26b	Brain Tissue	Temporal Cortex	MCI vs HC	18		8	10		76.5 ± 5.5	79.5 ± 6.7	Up in MCI	+	0,0001
172a	He et al.	2021	hsa-miR-1185-2-3p	Plasma	Plasma	MCI vs HC	10		5	5		70 ± 2.12	68.00 ± 2.83	Down in MCI	-	0,0480
172b	He et al.	2021	hsa-miR-1185-2-3p	Plasma	Plasma	MCI vs HC	30		10	20		70 ± 6.65	71.8 ± 7.38	Down in MCI	-	0,0005
172a	He et al.	2021	hsa-miR-134-3p	Plasma	Plasma	MCI vs HC	10		5	5		70 ± 2.12	68.00 ± 2.83	Down in MCI	-	0,3620
172b	He et al.	2021	hsa-miR-134-3p	Plasma	Plasma	MCI vs HC	30		10	20		70 ± 6.65	71.8 ± 7.38	Down in MCI	-	0,0005
205b	Guévremont et al.	2022	hsa-miR-142-3p	Plasma	Plasma	MCI vs HC	76		40	36		71.5 ± 3.9	73.2 ± 5.0	Down in MCI	-	0,0250
205d	Guévremont et al.	2022	hsa-miR-142-3p	Plasma	Plasma	MCI vs HC	58		20	38		74.7 ± 6.4	75.8 ± 6.2	Down in MCI	-	0,0250

87b	Nagaraj et al.	2017	hsa-miR-142-3p	Plasma	Plasma	MCI vs HC	13		6	7		66 ± 5	64.3 ± 6	Down in MCI	-	0,0050
205d	Guévremont et al.	2022	hsa-miR-186-5p	Plasma	Plasma	MCI vs HC	58		20	38		74.7 ± 6.4	75.8 ± 6.2	Down in MCI	-	0,0250
172a	He et al.	2021	hsa-miR-1909-3p	Plasma	Plasma	MCI vs HC	10		5	5		70 ± 2.12	68.00 ± 2.83	Down in MCI	-	0,0060
172b	He et al.	2021	hsa-miR-1909-3p	Plasma	Plasma	MCI vs HC	30		10	20		70 ± 6.65	71.8 ± 7.38	Down in MCI	-	0,0005
172a	He et al.	2021	hsa-miR-22-5p	Plasma	Plasma	MCI vs HC	10		5	5		70 ± 2.12	68.00 ± 2.83	Down in MCI	-	0,0390
172b	He et al.	2021	hsa-miR-22-5p	Plasma	Plasma	MCI vs HC	30		10	20		70 ± 6.65	71.8 ± 7.38	Down in MCI	-	0,0005
205b	Guévremont et al.	2022	hsa-miR-324-5p	Plasma	Plasma	MCI vs HC	76		40	36		71.5 ± 3.9	73.2 ± 5.0	Down in MCI	-	0,0250
205d	Guévremont et al.	2022	hsa-miR-324-5p	Plasma	Plasma	MCI vs HC	58		20	38		74.7 ± 6.4	75.8 ± 6.2	Down in MCI	-	0,0250
245	Tatara et al.	2022	hsa-miR-885-5p	Plasma	Plasma	MCI vs HC	50		25	25		76.0 ± 5.4	76.4 ± 6.6	Down in MCI	-	0,0250
205b	Guévremont et al.	2022	hsa-miR-148a-3p	Plasma	Plasma	MCI vs HC	76		40	36		71.5 ± 3.9	73.2 ± 5.0	Up in MCI	+	0,0250
205d	Guévremont et al.	2022	hsa-miR-148a-3p	Plasma	Plasma	MCI vs HC	58		20	38		74.7 ± 6.4	75.8 ± 6.2	Up in MCI	+	0,0250
205b	Guévremont et al.	2022	hsa-miR-186-5p	Plasma	Plasma	MCI vs HC	76		40	36		71.5 ± 3.9	73.2 ± 5.0	Up in MCI	+	0,0250
87b	Nagaraj et al.	2017	hsa-miR-200a-3p	Plasma	Plasma	MCI vs HC	13		6	7		66 ± 5	64.3 ± 6	Up in MCI	+	0,0250
87d	Nagaraj et al.	2017	hsa-miR-200a-3p	Plasma	Plasma	MCI vs HC	17		9	8		66 ± 3	65.8 ± 7	Up in MCI	+	0,0250
127b	Siedlecki-Wullich et al.	2019	hsa-miR-210-3p	Plasma	Plasma	MCI vs HC	40		14	26		68.29 ± 8.99	72.0 ± 8.49	Up in MCI	+	0,0276
2b	Mankhong et al.	2022	hsa-miR-210-3p	Plasma	Plasma	MCI vs HC	73		22	51		0	0	Up in MCI	+	0,0250
205b	Guévremont et al.	2022	hsa-miR-483-5p	Plasma	Plasma	MCI vs HC	76		40	36		71.5 ± 3.9	73.2 ± 5.0	Up in MCI	+	0,0250
205d	Guévremont et al.	2022	hsa-miR-483-5p	Plasma	Plasma	MCI vs HC	58		20	38		74.7 ± 6.4	75.8 ± 6.2	Up in MCI	+	0,0250
87b	Nagaraj et al.	2017	hsa-miR-483-5p	Plasma	Plasma	MCI vs HC	13		6	7		66 ± 5	64.3 ± 6	Up in MCI	+	0,0050
87d	Nagaraj et al.	2017	hsa-miR-483-5p	Plasma	Plasma	MCI vs HC	17		9	8		66 ± 3	65.8 ± 7	Up in MCI	+	0,0005
205b	Guévremont et al.	2022	hsa-miR-486-5p	Plasma	Plasma	MCI vs HC	76		40	36		71.5 ± 3.9	73.2 ± 5.0	Up in MCI	+	0,0250
87d	Nagaraj et al.	2017	hsa-miR-486-5p	Plasma	Plasma	MCI vs HC	17		9	8		66 ± 3	65.8 ± 7	Up in MCI	+	0,0005
205b	Guévremont et al.	2022	hsa-miR-885-5p	Plasma	Plasma	MCI vs HC	76		40	36		71.5 ± 3.9	73.2 ± 5.0	Up in MCI	+	0,0250
205d	Guévremont et al.	2022	hsa-miR-885-5p	Plasma	Plasma	MCI vs HC	58		20	38		74.7 ± 6.4	75.8 ± 6.2	Up in MCI	+	0,0250
104b	Yang et al.	2018	hsa-miR-193b	Ev Serum	Exosome	MCI vs HC	329		228	101		0	61.63 ± 7.32	Down in MCI	-	0,0500
175e	Liu et al.	2021	hsa-miR-193b	Ev CSF	Exosome	MCI vs HC	22		6	16		69.4 ± 3.3	68.2 ± 5.1	Up in MCI	+	0,0370
175b	Liu et al.	2021	hsa-miR-193b	Ev SERUM	Exosome	MCI vs HC	152		60	92		76.5 ± 6.1	75.2 ± 8.0	Up in MCI	+	0,0070
228b	Li et al.	2022	hsa-miR-29c-3p	Ev PLASMA	Exosomes	MCI vs HC	120		40	80		65.3 ± 6.4	65.6 ± 7.2	Up in MCI	+	0,0005
228d	Li et al.	2022	hsa-miR-29c-3p	Ev PLASMA	Exosomes	MCI vs HC	116		40	76		65.4 ± 6.2	66.2 ± 7.0	Up in MCI	+	0,0005
223b	Li et al.	2022	hsa-miR-384	Ev PLASMA	Exosome	MCI vs HC	80		30	50		65.2 ± 6.5	65.5 ± 7.1	Up in MCI	+	0,0005
223d	Li et al.	2022	hsa-miR-384	Ev PLASMA	Exosome	MCI vs HC	75		30	45		65.3 ± 6.1	66.1 ± 7.1	Up in MCI	+	0,0005
104b	Yang et al.	2018	hsa-miR-384	Ev Serum	Exosome	MCI vs HC	329		228	101		0	61.63 ± 7.32	Up in MCI	+	0,0250
120c	Liu et al.	2019	hsa-miR-132	Brain tissue	Temporal Lobe	AD vs MCI	20	10		10	0		0	Up in AD	+	0,0005
70b	Zhu et al.	2016	hsa-miR-132	Brain tissue	Hypothalamus and nucleus basalis of Meynert	AD vs MCI	23	13		10	79.5 ± 8.7		78.5 ± 7.2	Down in AD	-	0,0250
104c	Yang et al.	2018	hsa-miR-193b	Ev Serum	Exosome	AD vs MCI	208	107		101	74.15 ± 7.93		61.63 ± 7.32	Down in AD	-	0,0050
37b	Liu et al.	2014	hsa-miR-193b	Ev Serum	Exosome	AD vs MCI	94	51		43	64.2 ± 6.7		63.8 ± 6.3	Up in AD	+	0,0250
175f	Liu et al.	2021	hsa-miR-193b	Ev CSF	Exosome	AD vs MCI	27	11		16	69.4 ± 3.3		68.2 ± 5.1	Up in AD	+	0,0210
175c	Liu et al.	2021	hsa-miR-193b	Ev SERUM	Exosome	AD vs MCI	184	92		92	78.1 ± 7.2		75.2 ± 8.0	Up in AD	+	0,0410

Supplementary Information 2

List of articles included in the meta-analysis

Missing numbers (first column) refer to articles that were excluded

If the doi is not present, either the **PMID** or the **ISSN** has been reported

No.	Author	Year	doi	No. miRNA	Matrix	Specific matrix	Comparison	#TOT	#HC	#AD	#MCI	Experimental methods
1	Lin et al.	2023	10.1007/s12035-023-03224-y	202	BRAIN TISSUE	Superior frontal and paracalcarine cortex	AD vs HC	34	16	18		qRT-PCR
2	Mankhong et al.	2022	10.1093/gerona/glac106	3	PLASMA	Plasma	AD vs HC	35	22	13		qRT-PCR
				3	PLASMA	Plasma	MCI vs HC	73	22		51	qRT-PCR
				3	Ev PLASMA	Ev Plasma	AD vs HC	124	53	71		qRT-PCR
				3	Ev PLASMA	Ev Plasma	MCI vs HC	158	53		105	qRT-PCR
6	Wang et al.	2019	10.3389/fphar.2019.00806	1	SERUM	Serum	AD vs HC	12	5	7		qRT-PCR
8	Cui et al.	2010	10.1074/jbc.M110.178848	1	BRAIN TISSUE	Superior temporal lobe neocortex	AD vs HC	66	30	36		qRT-PCR
10	Lukiw	2007	10.1097/WNR.0b013e3280148e8b	13	BRAIN TISSUE	Hippocampus	AD vs HC	10	5	5		Northern gel analysis
11	Cogswell et al.	2008	10.3233/JAD-2008-14103	57	CSF	CSF	AD vs HC	20	10	10		Microarray
				32	BRAIN TISSUE	Cerebellum	AD vs HC	17	7	10		Microarray
				58	BRAIN TISSUE	Hippocampus	AD vs HC	17	7	10		Microarray
				29	BRAIN TISSUE	Medil frontal gyrus	AD vs HC	17	7	10		Microarray
				41	BRAIN TISSUE	Cerebellum	AD vs HC	17	7	10		Microarray
				23	BRAIN TISSUE	Hippocampus	AD vs HC	17	7	10		Microarray
				33	BRAIN TISSUE	Medil frontal gyrus	AD vs HC	17	7	10		Microarray
12	Wang et al.	2008	10.1523/JNEUROSCI.5065-07.2008	1	BRAIN TISSUE	Superior and middle temporal cortex and separately motor cortex	AD vs HC	17	11	6		Microarray
13	Hébert et al.	2008	10.1073/pnas.0710263105	2	BRAIN TISSUE	Anterior temporal cortex	AD vs HC	10	5	5		qRT-PCR
14	Lukiw et al.	2008	10.1074/jbc.M805371200	3	BRAIN TISSUE	Neocortex and hippocampus	AD vs HC	46	23	23		miRNA array
16	Nelson et al.	2010	10.3233/JAD-2010-091603	1	BRAIN TISSUE	Superior and middle temporal gyri	AD vs HC	19	9	10		qRT-PCR
17	Nunez-Iglesias et al.	2010	10.1371/journal.pone.0008898	48	BRAIN TISSUE	Parietal lobe	AD vs HC	8	4	4		Microarray
18	Faghihi et al.	2010	10.1186/gb-2010-11-5-r56	1	BRAIN TISSUE	Parietal lobe	AD vs HC	10	5	5		qRT-PCR
				1	BRAIN TISSUE	Cerebellum	AD vs HC	10	5	5		qRT-PCR
				1	BRAIN TISSUE	Cerebellum	AD vs HC	41	18	23		qRT-PCR
				1	BRAIN TISSUE	Entorhinal cortex	AD vs HC	19	8	11		qRT-PCR
				1	BRAIN TISSUE	Hippocampus	AD vs HC	24	12	12		qRT-PCR
				1	BRAIN TISSUE	Superior frontal gyrus	AD vs HC	36	18	18		qRT-PCR
20	Culpan et al.	2011	21686130	7	BRAIN TISSUE	Frontal neocortex	AD vs HC	18	6	12		qRT-PCR
				7	BRAIN TISSUE	Temporal neocortex	AD vs HC	18	6	12		qRT-PCR
21	Geekiyanaage et al.	2011	10.1523/JNEUROSCI.3883-11.2011	5	BRAIN TISSUE	Neocortex	AD vs HC	14	7	7		qRT-PCR

23	Geekiyana et al.	2012	10.1016/j.expneurol.2011.11.026	5	SERUM	Serum	AD vs HC	14	7	7		qRT-PCR
				5	SERUM	Serum	MCI vs HC	14	7		7	qRT-PCR
24	Lee et al.	2012	10.1002/ana.23588	1	BRAIN TISSUE	Superior temporal cortex	AD vs HC	8	4	4		qRT-PCR
26	Alexandrov et al.	2012	23301201	6	CSF	CSF	AD vs HC	12	6	6		miRNA array. LED-Northern dot blot analysis.
27	Leidinger et al.	2013	10.1186/gb-2013-14-7-r78	140	BLOOD	Blood	AD vs HC	70	22	48		NGS
29	Hébert et al.	2013	10.3233/JAD-122350	412	BRAIN TISSUE	Superior and middle temporal gyri	AD vs HC	7	2	5		NGS
				2	BRAIN TISSUE	Superior and middle temporal gyri	AD vs HC	16	8	8		qRT-PCR
31	Zhao et al.	2013	10.1097/WNR.0b013e32835fb6b0	4	BRAIN TISSUE	Hippocampus	AD vs HC	6	3	3		Microarrays
32	Kumar et al.	2013	10.1371/journal.pone.0069807	7	PLASMA	Plasma	AD vs HC	31	20	11		qRT-PCR
				7	PLASMA	Plasma	AD vs HC	37	17	20		qRT-PCR
34	Absalon et al.	2013	10.1523/JNEUROSCI.1327-13.2013	21	BRAIN TISSUE	Temporal Cortex	MCI vs HC	12	6		6	qRT-PCR
				1	BRAIN TISSUE	Temporal Cortex	MCI vs HC	18	8		10	qRT-PCR
				1	BRAIN TISSUE	Temporal Cortex	AD vs HC	18	8	10		qRT-PCR
35	Lau et al.	2013	10.1002/emmm.201201974	35	BRAIN TISSUE	Hippocampus	AD vs HC	64	23	41		NGS
36	Galimberti et al.	2014	10.3233/JAD-140756	4	SERUM	Serum	AD vs HC	13	6	7		qRT-PCR
				4	SERUM	Serum	AD vs HC	27	12	15		qRT-PCR
				3	CSF	CSF	AD vs HC	40	18	22		qRT-PCR
37	Liu et al.	2014	10.3892/mmr.2014.2484	1	Ev SERUM	Exosome	AD vs MCI	94		51	43	qRT-PCR
38	Liu et al.	2014	10.1016/j.brainres.2014.04.026	3	SERUM	Serum	AD vs HC	68	30	38		qRT-PCR
				3	SERUM	Serum	MCI vs HC	61	30		31	qRT-PCR
				3	SERUM	Serum	AD vs MCI	69		38	31	qRT-PCR
				2	CSF	CSF	AD vs HC	10	5	5		qRT-PCR
39	Müller et al.	2014	10.1016/j.neurobiolaging.2013.07.00	4	BRAIN TISSUE	Hippocampus	AD vs HC	21	11	10		qRT-PCR
				3	BRAIN TISSUE	Hippocampus	MCI vs HC	21	11		10	qRT-PCR
				5	BRAIN TISSUE	Hippocampus	AD vs MCI	20		10	10	qRT-PCR
				1	CSF	CSF	AD vs HC	40	20	20		qRT-PCR
41	Tan et al.	2014	10.3233/JAD-132144	89	SERUM	Serum	AD vs HC	100	50	50		NGS
				6	SERUM	Serum	AD vs HC	313	155	158		qRT-PCR
42	Kiko et al.	2014	10.3233/JAD-130932	6	PLASMA	Plasma	AD vs HC	20	10	10		qRT-PCR
				5	CSF	CSF	AD vs HC	20	10	10		qRT-PCR
43	Tan et al.	2014	10.1016/j.jns.2013.10.002	6	SERUM	Serum	AD vs HC	255	150	105		qRT-PCR
44	Bhatnagar et al.	2014	10.3389/fnmol.2014.00002	2	PLASMA	Plasma	AD vs HC	163	85	78		qRT-PCR
				2	PLASMA	Plasma	AD vs HC	52	27	25		qRT-PCR
46	Burgos et al.	2014	10.1371/journal.pone.0094839	41	CSF	CSF	AD vs HC	127	65	62		RNA sequencing
				20	SERUM	Serum	AD vs HC	115	62	53		RNA sequencing

47	Denk et al.	2015	10.1371/journal.pone.0126423	251	CSF	CSF	AD vs HC	50	28	22		Real-Time PCR Using OpenArray Technology
48	Lei et al.	2015	25973041	1	BRAIN TISSUE	Frontal Cortex	AD vs HC	60	29	31		qRT-PCR
49	Weinberg et al.	2015	10.3389/fnins.2015.00430	81	BRAIN TISSUE	Frontal Cortex	AD vs HC	6	3	3		Microarrays
				20	BRAIN TISSUE	Frontal Cortex	AD vs HC	22	12	10		qRT-PCR
				20	BRAIN TISSUE	Frontal Cortex	MCI vs HC	22	12		10	qRT-PCR
50	Gui et al.	2015	10.18632/oncotarget.6158	27	Ev CSF	Exosome	AD vs HC	55	27	28		miRNA array
51	Mezache et al.	2015	10.1097/PAI.0000000000000147	4	BRAIN TISSUE	Hippocampus and entorhinal cortex, middle frontal gyrus, superior and middle temporal gyri, inferior parietal lobule, and occipital cortex	AD vs HC	20	10	10		Microarrays
52	Van Harten et al.	2015	10.3233/JAD-140075	2	CSF	CSF	AD vs HC	38	19	19		qRT-PCR
53	Dong et al.	2015	10.1155/2015/625659	4	SERUM	Serum	AD vs HC	250	123	127		qRT-PCR
				3	SERUM	Serum	MCI vs HC	153	123		30	qRT-PCR
55	Lusardi et al.	2015	10.3233/JAD-160835	20	CSF	CSF	AD vs HC	99	49	50		Microarrays
56	Satoh et al.	2015	10.4137/BMIMI.S25132	27	BLOOD	Blood	AD vs HC	70	22	48		RNA sequencing
57	Yang et al.	2015	10.3892/mmr.2015.3531	1	CSF	CSF	AD vs HC	60	30	30		qRT-PCR
59	Lugli et al.	2015	10.1371/journal.pone.0139233	20	Ev PLASMA	Exosome	AD vs HC	70	35	35		miRNA sequencing
60	Cheng et al.	2015	10.1038/mp.2014.127	17	SERUM	Serum	AD vs HC	46	23	23		RNA Sequencing
65	Zirnheld et al.	2016	0975-9042	3	PLASMA	Plasma	AD vs HC	42	28	14		qRT-PCR
				3	PLASMA	Plasma	MCI vs HC	54	28		26	qRT-PCR
				3	PLASMA	Plasma	AD vs MCI	40		14	26	qRT-PCR
66	Müller et al.	2016	10.3233/JAD-160038	1	CSF	CSF	AD vs HC	39	19	20		qRT-PCR
				4	CSF	CSF	AD vs HC	97	40	57		qRT-PCR
				4	CSF	CSF	MCI vs HC	77	40		37	qRT-PCR
				4	CSF	CSF	AD vs MCI	94		57	37	qRT-PCR
68	Jia et al.	2016	10.1002/cbf.3184	4	SERUM	Serum	AD vs HC	146	62	84		qRT-PCR
69	Zhang et al.	2016	10.18632/aging.100887	1	BRAIN TISSUE	Hippocampus	AD vs HC	14	7	7		qRT-PCR
70	Zhu et al.	2016	10.1093/brain/awv383	1	BRAIN TISSUE	Hypothalamus and nucleus basalis of Meynert	AD vs HC	37	24	13		In situ hybridization
				1	BRAIN TISSUE	Hypothalamus and nucleus basalis of Meynert	AD vs MCI	23		13	10	In situ hybridization

72	Zhao et al.	2016	10.1177/1533317515588181	5	BRAIN TISSUE	Parietal lobe	AD vs HC	8	4	4		Bioinformatic analysis
73	Keller et al.	2016	10.1016/j.jalz.2015.12.012	580	PLASMA	Plasma	AD vs HC	104	55	49		NGS
75	Müller et al.	2016	10.1007/s12035-015-9156-8	2	CSF	CSF	AD vs HC	38	20	18		qRT-PCR
78	Sarkar et al.	2016	10.1016/j.brainres.2016.05.026	5	BRAIN TISSUE	Temporal cortex, frontal cortex and cerebellum	AD vs HC	23	10	13		qRT-PCR
79	Liu et al.	2016	10.1016/j.bbrc.2016.08.037	1	BRAIN TISSUE	Temporal Cortex	AD vs HC	10	5	5		qRT-PCR
83	Riancho et al.	2017	10.3233/JAD-161179	13	CSF	CSF	AD vs HC	36	18	18		qRT-PCR
84	Guo et al.	2017	10.3233/JAD-170343	13	SERUM	Serum	AD vs HC	28	9	19		NGS
				10	SERUM	Serum	AD vs HC	207	86	121		qRT-PCR
85	Gong et al.	2017	10.18632/oncotarget.21177	1	BRAIN TISSUE	Frontal Cortex	AD vs HC	75	35	40		qRT-PCR
87	Nagaraj et al.	2017	10.18632/oncotarget.15109	15	PLASMA	Plasma	AD vs HC	13	6	7		qRT-PCR
				15	PLASMA	Plasma	MCI vs HC	13	6		7	qRT-PCR
				15	PLASMA	Plasma	AD vs HC	22	9	13		qRT-PCR
				15	PLASMA	Plasma	MCI vs HC	17	9		8	qRT-PCR
88	Hara et al.	2017	10.1186/s40478-017-0414-z	3	SERUM	Serum	AD vs HC	45	18	27		NGS
				1	BRAIN TISSUE	Temporal Cortex	AD vs HC	45	18	27		NGS
				3	SERUM	Serum	AD vs HC	58	22	36		qRT-PCR
89	Pichler et al.	2017	10.1016/j.neurobiolaging.2016.09.01	100	BRAIN TISSUE	Temporal cortex	AD vs HC	64	25	39		Microarrays
				2	BRAIN TISSUE	Temporal cortex	AD vs HC	16	8	8		qRT-PCR
				2	BRAIN TISSUE	Frontal cortex	AD vs HC	16	8	8		qRT-PCR
				2	BRAIN TISSUE	Prefrontal cortex	AD vs HC	312	87	225		qRT-PCR
90	Wu et al.	2017	10.1620/tjem.242.129	9	SERUM	Serum	AD vs HC	40	20	20		NGS
				9	SERUM	Serum	AD vs HC	85	40	45		qRT-PCR
91	Chang et al.	2017	10.12659/MSM.905064	4	BLOOD	Blood	AD vs HC	6	3	3		qRT-PCR
93	Moncini et al.	2017	10.1007/s12035-016-0002-4	5	BRAIN TISSUE	Temporal cortex	AD vs HC	24	12	12		qRT-PCR
				5	BRAIN TISSUE	Hippocampus	AD vs HC	24	12	12		qRT-PCR
94	Cosín-Tomás et al.	2017	10.1007/s12035-016-0088-8	10	PLASMA	Plasma	AD vs HC	42	21	21		qRT-PCR
95	Kumar et al.	2017	10.1093/hmg/ddx267	7	SERUM	Serum	AD vs HC	24	14	10		Microarrays
				8	SERUM	Serum	AD vs MCI	26		10	16	Microarrays
				50	SERUM	Serum	MCI vs HC	30	14		16	Microarrays
				4	BRAIN TISSUE	Frontal Cortex	AD vs HC	21	5	16		qRT-PCR
96	Llorens et al.	2017	10.1007/s12031-017-0971-4	4	BRAIN TISSUE	Locus Coeruleus	MCI vs HC	14	6		8	qRT-PCR
				4	BRAIN TISSUE	Entorhinal Cortex	MCI vs HC	24	10		14	qRT-PCR
				4	BRAIN TISSUE	Hippocampus	MCI vs HC	21	11		10	qRT-PCR
				4	BRAIN TISSUE	Dentate Gyrus	MCI vs HC	15	8		7	qRT-PCR
99	Dangla-Valls et al.	2017	10.1007/s12035-016-0106-x	2	CSF	CSF	AD vs HC	68	31	37		qRT-PCR
102	Dias et al.	2018	10.3233/JAD-180201	3	PLASMA	Plasma	AD vs HC	20	10	10		qRT-PCR
				3	PLASMA	Plasma	AD vs HC	20	10	10		qRT-PCR
103	Manzine et al.	2018	10.3233/JAD-170592	3	BLOOD	Blood	AD vs HC	38	17	21		qRT-PCR

104	Yang et al.	2018	10.3967/bes2018.011	3	Ev SERUM	Exosome	AD vs HC	335	228	107		qRT-PCR
				3	Ev SERUM	Exosome	MCI vs HC	329	228		101	qRT-PCR
				3	Ev SERUM	Exosome	AD vs MCI	208		107	101	qRT-PCR
105	Kumar et al.	2018	10.3389/fnagi.2018.00041	1	BRAIN TISSUE	Broadmann's area 10	AD vs HC	42	15	27		qRT-PCR
106	Akhter et al.	2018	10.1016/j.neurobiolaging.2017.11.00	3	BRAIN TISSUE	Cerebellum	AD vs HC	43	22	21		qRT-PCR
107	Hadar et al.	2018	10.1038/s41598-018-26547-6	2	BRAIN TISSUE	Hippocampus	AD vs HC	34	20	14		qRT-PCR
				2	BRAIN TISSUE	Olfactory bulb	AD vs HC	34	20	14		qRT-PCR
108	Derkow et al.	2018	10.1371/journal.pone.0200602	5	CSF	CSF	AD vs HC	22	10	12		qRT-PCR
110	Pogue et al.	2018	10.1007/s10571-017-0572-3	7	BRAIN TISSUE	Temporal Lobe Neocortex	AD vs HC	45	19	26		miRNA array
111	Wang et al.	2018	10.1016/j.biopsych.2017.07.023	1	BRAIN TISSUE	Hippocampus	AD vs HC	16	8	8		qRT-PCR
114	McKeever et al.	2018	10.1007/s12035-018-1032-x	4	Ev CSF	Exosome	AD vs HC	25	12	13		qRT-PCR
120	Liu et al.	2019	10.26355/eurev_201910_19166	1	BRAIN TISSUE	Temporal Lobe	AD vs HC	20	10	10		qRT-PCR
				1	BRAIN TISSUE	Temporal Lobe	MCI vs HC	20	10		10	qRT-PCR
				1	BRAIN TISSUE	Temporal Lobe	AD vs MCI	20		10	10	qRT-PCR
122	Prendecki et al.	2019	10.5114/fn.2019.84828	2	PLASMA	Plasma	AD vs HC	138	74	64		qRT-PCR
123	Song et al.	2019	10.1016/j.ebiom.2018.11.059	1	BRAIN TISSUE	Hippocampus	AD vs HC	29	14	15		qRT-PCR
124	Qian et al.	2019	10.1096/fj.201801846R	1	BRAIN TISSUE	Hippocampus	AD vs HC	23	11	12		qRT-PCR
126	Zhou et al.	2019	10.1042/BSR20182485	6	PLASMA	Plasma	AD vs HC	770	385	385		qRT-PCR
127	Siedlecki-Wullich et al.	2019	10.1186/s13195-019-0501-4	3	PLASMA	Plasma	AD vs HC	70	14	56		qRT-PCR
				3	PLASMA	Plasma	MCI vs HC	40	14		26	qRT-PCR
				3	BRAIN TISSUE	Entorhinal Cortex	AD vs HC	8	4	4		qRT-PCR
				3	BRAIN TISSUE	Entorhinal Cortex	MCI vs HC	9	4		5	qRT-PCR
				3	BRAIN TISSUE	Hippocampus	AD vs HC	37	19	18		qRT-PCR
				3	BRAIN TISSUE	Hippocampus	MCI vs HC	31	19		12	qRT-PCR
				3	BRAIN TISSUE	Cerebellum	AD vs HC	19	8	11		qRT-PCR
				3	BRAIN TISSUE	Cerebellum	MCI vs HC	19	8		11	qRT-PCR
128	Mancuso et al.	2019	10.1038/s41598-019-45687-x	1	SERUM	Serum	AD vs HC	80	40	40		qRT-PCR
				1	SERUM	Serum	MCI vs HC	75	40		35	qRT-PCR
				1	SERUM	Serum	AD vs MCI	75		40	35	qRT-PCR
129	Ludwig et al.	2019	10.1016/j.gpb.2019.09.004	3	BLOOD	Blood	AD vs HC	364	219	145		qRT-PCR
				11	BLOOD	Blood	AD vs MCI	183		145	38	qRT-PCR
131	Fu et al.	2019	10.1007/s11011-019-00438-9	1	BRAIN TISSUE	Hippocampus	AD vs HC	13	5	8		qRT-PCR
132	Gámez-Valero et al.	2019	10.1186/s40035-019-0169-5	15	Ev PLASMA	Ev Plasma	AD vs HC	25	15	10		qRT-PCR
133	ernández-De Frutos et al.	2019	10.1128/MCB.00170-19	1	BRAIN TISSUE	Cortex	AD vs HC	13	6	7		qRT-PCR
135	Cha et al.	2019	10.3389/fnins.2019.01208	12	BRAIN TISSUE	Gray matter from cortex	AD vs HC	10	5	5		miRNA array
				6	BRAIN TISSUE	Gray matter from cortex	AD vs HC	20	9	11		qRT-PCR
				2	Ev SERUM	Exosome	AD vs HC	47	31	16		qRT-PCR
136	Jain et al.	2019	10.1038/s41398-019-0579-2	3	Ev CSF	Exosome	AD vs HC	61	38	23		NGS
137	Zhao et al.	2020	10.1373/jalm.2019.029595	12	SERUM	Serum	AD vs HC	58	36	22		qRT-PCR
139	Souza et al.	2020	10.1177/1533317520911573	25	BLOOD	Blood	AD vs HC	74	38	36		qRT-PCR

140	Zhuang et al.	2020	33042470	1	CSF	CSF	AD vs HC	100	50	50		qRT-PCR
				1	PLASMA	Plasma	AD vs HC	240	120	120		qRT-PCR
142	Cheng et al.	2020	10.1080/20013078.2020.1766822	60	Ev SERUM	Ev Serum	AD vs HC	43	20	23		small RNA sequencing
143	Ling et al.	2020	1940-5901/IJCEM0114253	1	SERUM	Serum	AD vs HC	148	50	98		qRT-PCR
144	Wang et al.	2020	10.1002/jcla.23006	2	PLASMA	Plasma	AD vs HC	240	120	120		qRT-PCR
147	Yuan et al.	2020	10.1007/s00702-019-02134-5	1	BRAIN TISSUE		AD vs HC	20	10	10		qRT-PCR
				1	BRAIN TISSUE		MCI vs HC	20	10		10	qRT-PCR
				1	BRAIN TISSUE		AD vs MCI	20		10	10	qRT-PCR
148	Liu et al.	2020	10.1096/fasebj.2020.34.s1.03216	1	SERUM	Serum	AD vs HC	12	5	7		qRT-PCR
149	Li et al.	2020	10.1016/j.neuroscience.2020.02.044	6	Ev SERUM	Exosome	AD vs HC	36	18	18		qRT-PCR
				2	Ev SERUM	Exosome	MCI vs HC	36	18		18	qRT-PCR
151	Nie et al.	2020	10.3389/fnins.2020.00438	37	Ev SERUM	Exosome	AD vs HC	25	20	5		NGS
152	Wu et al.	2020	10.1186/s13195-020-00627-0	2	BLOOD	Blood	AD vs HC	71	31	40		small RNA sequencing
				2	BLOOD	Blood	AD vs HC	70	22	48		small RNA sequencing
156	Serpente et al.	2020	10.3390/cells9061443	4	Ev PLASMA	Ev Plasma	AD vs HC	80	40	40		qRT-PCR
158	Li et al.	2020	10.1016/j.jns.2020.116793	2	SERUM	Serum	AD vs HC	54	27	27		qRT-PCR
162	Gugliandolo et al.	2020	10.3390/genes11090983	12	BRAIN TISSUE	Brain Tissue	AD vs HC	20	9	11		RNA sequencing
163	Henriques et al.	2020	10.1016/j.mad.2020.111352	6	BRAIN TISSUE	Superior and middle temporal gyri	AD vs HC	34	18	16		qRT-PCR
165	Aharon et al.	2020	10.1007/s12035-020-02013-1	5	Ev BLOOD	Exosome	AD vs HC	28	19	9		qRT-PCR
				1	Ev BLOOD	Exosome	MCI vs HC	39	19		20	qRT-PCR
				2	Ev BLOOD	Exosome	AD vs MCI	29		9	20	qRT-PCR
167	Wang et al.	2020	10.1016/j.exger.2020.111080	1	SERUM	Serum	AD vs HC	180	62	118		qRT-PCR
				1	CSF	CSF	AD vs HC	44	12	32		qRT-PCR
171	Tan et al.	2021	10.3233/ADR-210311	3	Ev CSF	Exosome	AD vs HC	36	8	28		qRT-PCR
172	He et al.	2021	10.3233/JAD-210307	32	PLASMA	Plasma	MCI vs HC	10	5		5	miRNA array
				5	PLASMA	Plasma	MCI vs HC	30	10		20	qRT-PCR
173	Lu et al.	2021	10.1177/15333175211021712	21	SERUM	Serum	AD vs HC	1309	288	1021		Bioinformatic analysis
174	Su et al.	2021	10.19193/0393-6384_2021_4_369	2	Ev SERUM	Exosome	AD vs HC	240	120	120		qRT-PCR
175	Liu et al.	2021	10.1155/2021/5450397	1	Ev SERUM	Exosome	AD vs HC	152	60	92		qRT-PCR
				1	Ev SERUM	Exosome	MCI vs HC	152	60		92	qRT-PCR
				1	Ev SERUM	Exosome	AD vs MCI	184		92	92	qRT-PCR
				1	Ev CSF	Exosome	AD vs HC	17	6	11		qRT-PCR
				1	Ev CSF	Exosome	MCI vs HC	22	6		16	qRT-PCR
				1	Ev CSF	Exosome	AD vs MCI	27		11	16	qRT-PCR
181	Liu et al.	2021	10.1016/j.exger.2020.111187	1	SERUM	Serum	AD vs HC	170	60	110		qRT-PCR

184	Sproviero et al.	2021	10.3390/ijms22052737	33	Ev PLASMA	Small Extracellular Vesicles	AD vs HC	12	6	6		NGS
				13	Ev PLASMA	Large Extracellular Vesicles	AD vs HC	12	6	6		NGS
185	Giuliani et al.	2021	10.3389/fnagi.2021.647015	3	PLASMA	Plasma	AD vs HC	157	41	116		qRT-PCR
186	Li et al.	2021	10.3389/fnins.2021.620899	66	BRAIN TISSUE	Superior Temporal Gyrus	AD vs HC	66	39	27		MiRNA Sequencing
				66	BRAIN TISSUE	Inferior Frontal Gyrus	AD vs HC	60	24	36		MiRNA Sequencing
187	Li et al.	2021	10.1007/s11064-020-03215-8	89	BRAIN TISSUE	Parietal lobe	AD vs HC	8	4	4		Bioinformatic analysis
				26	BRAIN TISSUE	Frontal lobe	AD vs HC	13	7	6		Bioinformatic analysis
188	Lei et al.	2021	10.3389/fncel.2021.653881	1	SERUM	Serum	AD vs HC	213	101	112		qRT-PCR
190	Zhang et al.	2021	10.1016/j.neulet.2021.135953	1	SERUM	Serum	AD vs HC	210	100	110		qRT-PCR
191	Heydari et al.	2021	10.22074/cellj.2021.7047	2	SERUM	Serum	AD vs HC	44	23	21		qRT-PCR
192	Dong et al.	2021	10.1007/s12035-021-02323-y	24	Ev SERUM	Ev Serum	AD vs HC	16	8	8		NGS
				5	Ev SERUM	Ev Serum	AD vs HC	80	40	40		qRT-PCR
193	Estfanous et al.	2021	10.3389/fimmu.2021.705581	6	BRAIN TISSUE	Temporal lobe	AD vs HC	28	14	14		qRT-PCR
195	Cao et al.	2021	10.1038/s41380-020-0824-3	1	BRAIN TISSUE	Parietal Cortex	AD vs HC	32	13	19		qRT-PCR
				2	BRAIN TISSUE	Parietal Cortex	MCI vs HC	29	13		16	qRT-PCR
196	Kim et al.	2021	10.3390/cells10102697	10	PLASMA	Plasma	MCI vs HC	60	36		24	Microarrays
				5	PLASMA	Plasma	AD vs HC	72	36	36		Microarrays
				1	PLASMA	Plasma	AD vs HC	51	31	20		qRT-PCR
				1	CSF	CSF	AD vs HC	27	13	14		qRT-PCR
200	Fitz et al.	2021	10.1016/j.nbd.2021.105481	15	Ev PLASMA	Ev Plasma	AD vs HC	39	16	23		RNA sequencing
201	Abolghasemi et al.	2021	10.1016/j.mgene.2021.100968	3	SERUM	Serum	AD vs HC	100	50	50		qRT-PCR
202	Jia et al.	2021	10.1186/s12916-021-02142-x	7	PLASMA	Plasma	AD vs HC	406	216	190		qRT-PCR
				7	PLASMA	Plasma	AD vs HC	304	153	151		qRT-PCR
205	Guévremont et al.	2022	10.1002/dad2.12251	32	PLASMA	Plasma	AD vs HC	93	49	44		Microfluidics arrays
				32	PLASMA	Plasma	MCI vs HC	76	40		36	Microfluidics arrays
				32	PLASMA	Plasma	AD vs HC	41	20	21		Microfluidics arrays
				32	PLASMA	Plasma	MCI vs HC	58	20		38	Microfluidics arrays
206	Chia et al.	2022	10.3233/JAD-220116	1	BRAIN TISSUE	Hippocampus	AD vs HC	11	6	5		qRT-PCR
207	Ceylan	2022	10.1007/s12031-021-01893-9	5	BRAIN TISSUE	Temporal cortex	AD vs HC	11	5	6		Bioinformatic analysis
208	Ding et al.	2022	10.3389/fcell.2022.793388	1	Ev SERUM	Exosome	AD vs HC	6	3	3		qRT-PCR

209	Sabaie et al.	2022	10.3389/fnagi.2022.812169	68	BRAIN TISSUE	Temporal cortex	AD vs HC	16	8	8		Bioinformatic analysis
				1	BLOOD	Peripheral blood	AD vs HC	100	50	50		qRT-PCR
212	Zeng et al.	2021	10.1016/j.omtn.2021.11.019	1	SERUM	Serum	AD vs HC	36	15	21		qRT-PCR
215	Sandau et al.	2022	10.3389/fncell.2022.864022	71	Ev CSF	Ev CSF	AD vs HC	56	28	28		Microarrays
216	Durur et al.	2022	10.1007/s12031-022-02012-y	10	Ev PLASMA	Small neuron-derived EV	AD vs HC	16	8	8		small RNA sequencing
				1	Ev PLASMA	Small neuron-derived EV	AD vs HC	35	15	20		qRT-PCR
217	Kim et al.	2022	10.1007/s11481-021-09999-y	1	BRAIN TISSUE	Temporal cortex	AD vs HC	23	10	13		qRT-PCR
				1	BRAIN TISSUE	Frontal Cortex	AD vs HC	23	10	13		qRT-PCR
				1	BRAIN TISSUE	Cerebellum	AD vs HC	23	10	13		qRT-PCR
218	Jiang et al.	2022	10.1016/j.omtn.2022.04.008	1	PLASMA	Plasma	AD vs HC	36	14	22		qRT-PCR
219	Xie et al.	2022	10.3389/fnagi.2022.909222	1	BLOOD	Peripheral blood	AD vs HC	40	20	20		qRT-PCR
222	Jia et al.	2022	10.1016/j.biopsych.2021.12.015	18	Ev BLOOD	Exosome	AD vs HC	40	20	20		qRT-PCR
				18	Ev BLOOD	Exosome	AD vs HC	188	93	95		qRT-PCR
223	Li et al.	2022	10.1111/cns.13846	1	Ev PLASMA	Exosome	AD vs HC	70	30	40		qRT-PCR
				1	Ev PLASMA	Exosome	MCI vs HC	80	30		50	qRT-PCR
				1	Ev PLASMA	Exosome	AD vs HC	75	30	45		qRT-PCR
				1	Ev PLASMA	Exosome	MCI vs HC	75	30		45	qRT-PCR
224	Madadi et al.	2022	10.1080/13813455.2020.1734842	1	SERUM	Serum	AD vs HC	106	50	56		qRT-PCR
225	Song et al.	2022	10.1016/j.ebiom.2022.104175	43	BLOOD	Peripheral blood	AD vs HC	107	82	25		RNA sequencing
				4	BLOOD	Peripheral blood	MCI vs HC	133	82		51	RNA sequencing
228	Li et al.	2022	10.1016/j.nbd.2022.105800	1	Ev PLASMA	Exosomes	AD vs HC	120	40	80		qRT-PCR
				1	Ev PLASMA	Exosomes	MCI vs HC	120	40		80	qRT-PCR
				1	Ev PLASMA	Exosomes	AD vs HC	116	40	76		qRT-PCR
				1	Ev PLASMA	Exosomes	MCI vs HC	116	40		76	qRT-PCR
233	Wang et al.	2022	10.3389/fncel.2022.955511	16	Ev SERUM	Ev Serum	AD vs HC	6	3	3		Microarrays
				13	Ev SERUM	Ev Serum	MCI vs HC	6	3		3	Microarrays
				29	Ev SERUM	Ev Serum	AD vs MCI	6		3	3	Microarrays
234	Abuelezz et al.	2022	10.1016/j.exger.2022.111961	3	SERUM	Serum	AD vs HC	46	23	23		qRT-PCR
235	Wang et al.	2022	10.1016/j.neulet.2022.136892	1	BRAIN TISSUE	Temporal cortex	AD vs HC	16	8	8		Microarrays
239	Yashooa et al.	2022	10.1016/j.humgen.2022.201129	2	SERUM	Serum	AD vs HC	49	30	19		qRT-PCR
				2	SERUM	Serum	MCI vs HC	41	30		11	qRT-PCR
240	Dong et al.	2022	10.3390/cells11233830	2	Ev SERUM	Exosome	AD vs HC	80	40	40		qRT-PCR
241	Biglari et al.	2022	10.1007/s11033-022-07987-w	2	PLASMA	Plasma	AD vs HC	100	50	50		qRT-PCR

243	He et al.	2022	10.1186/s12883-022-02728-9	1	SERUM	Serum	AD vs HC	57	32	25		qRT-PCR
				1	SERUM	Serum	MCI vs HC	73	32		41	qRT-PCR
				1	SERUM	Serum	AD vs MCI	66		25	41	qRT-PCR
				1	CSF	CSF	AD vs HC	57	32	25		qRT-PCR
				1	CSF	CSF	MCI vs HC	73	32		41	qRT-PCR
				1	CSF	CSF	AD vs MCI	66		25	41	qRT-PCR
245	Tatara et al.	2022	10.1016/j.retram.2022.103367	31	PLASMA	Plasma	MCI vs HC	50	25		25	Microarrays

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Supplementary Information 4
Data included in the meta-analysis

Comparison	Entries meta-analyzed	miRNA meta-analyzed
AD/HC	1773	633
MCI/HC	47	20
AD/MCI	6	2
Total	1826	655

Supplementary Information 5
Total subjects meta-analysed

	No. Participant							
	AD/HC		MCI/HC		AD/MCI			
	AD	HC	MCI	HC	AD	MCI		
Brain tissue	1169	916	65	60	23	20	AD	7658
Plasma	1556	1523	216	151	-	-	MCI	1013
CSF	420	443	-	-	-	-	HC	6920
Blood	434	476	-	-	-	-	TOT	15591
Serum	2676	1794	-	-	-	-		
Ev	1119	1123	460	434	261	252		
TOTALE	7374	6275	741	645	284	272		15591

List of all the meta-analysed miRNAs for the AD/HC comparison

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AD/HC	Blood	hsa-miR-148b-5p	140	96	44	27, 56	+, +	1,64059E-08	Up
AD/HC	Plasma	hsa-let-7g-5p	172	80	92	32b, 32a, 73	-, -, -	2,02203E-08	Down
AD/HC	Blood	hsa-miR-550a-5p	140	96	44	27, 56	+, +	2,25118E-08	Up
AD/HC	Blood	hsa-miR-5001-3p	140	96	44	27, 56	+, +	2,33252E-08	Up
AD/HC	Brain	hsa-miR-2110	23	13	10	209a, 29a	-, -	2,34119E-08	Down
AD/HC	Brain	hsa-miR-103	116	62	54	1, 11e, 11f, 93a, 93b	-, -, -, -, -	2,35174E-08	Down
AD/HC	Brain	hsa-miR-324-3p	74	41	33	11b, 209a, 1, 29a	-, -, +, +	9,04958E-05	/
AD/HC	Plasma	hsa-miR-200a-3p	135	70	65	87a, 87c, 241	+, +, +	2,36676E-08	Up
AD/HC	Brain	hsa-miR-212-3p	560	356	204	135a, 186a, 186b, 89a, 89b, 89c, 89d, 209a	-, -, -, -, -, -, -, +	3,07909E-08	Down
AD/HC	Brain	hsa-miR-935	23	13	10	209a, 29a	-, -	4,05048E-08	Down
AD/HC	Brain	hsa-let-7f-5p	80	49	31	35, 209a	+, +	4,75739E-08	Up
AD/HC	Brain	hsa-miR-485-5p	121	66	55	18a, 18b, 18d, 18e, 11c, 29a, 1	-, -, -, -, -, -, +	6,73506E-08	Down
AD/HC	Blood	hsa-miR-1468	140	96	44	27, 56	+, +	6,83663E-08	Up
AD/HC	EVs	hsa-miR-384	480	192	288	223a, 223c, 104a	+, +, +	1,07654E-07	Up
AD/HC	Blood	hsa-miR-26a-5p	116	71	45	27, 91, 219b	+, +, +	1,30492E-07	Up
AD/HC	Blood	hsa-let-7e-5p	140	96	44	27, 56	-, -	1,32463E-07	Down
AD/HC	Blood	hsa-miR-425-5p	140	96	44	27, 56	+, +	1,42481E-07	Up
AD/HC	Plasma	hsa-miR-34c	257	117	140	65a, 44a, 44b	+, +, +	1,51359E-07	Up
AD/HC	Blood	hsa-miR-30c-5p	140	96	44	27, 56	+, +	1,57437E-07	Up
AD/HC	Blood	hsa-miR-186-5p	140	96	44	27, 56	+, +	1,59372E-07	Up
AD/HC	Serum	hsa-miR-501-3p	103	63	40	88a, 88c	-, -	1,98371E-07	Down
AD/HC	Brain	hsa-miR-501-3p	178	95	83	186a, 186b, 29a, 88b	+, +, +, +	2,55659E-07	Up
AD/HC	Brain	hsa-miR-107	146	73	73	1, 16, 29a, 39a, 93a, 93b, 12	-, -, -, -, -, -, -	2,73644E-07	Down
AD/HC	EVs	hsa-miR-93-5p	307	156	151	222a, 222b, 142, 149a	+, +, +, +	3,09964E-07	Up
AD/HC	Brain	hsa-miR-885-5p	23	13	10	209a, 29a	-, -	3,24215E-07	Down
AD/HC	EVs	hsa-miR-579-5p	24	12	12	184a, 184b	+, +	3,4392E-07	Up
AD/HC	Serum	hsa-miR-122-5p	124	60	64	41a, 95a	-, -	4,29191E-07	Down
AD/HC	Plasma	hsa-miR-191-5p	68	31	37	32b, 32a	-, -	4,35185E-07	Down
AD/HC	Brain	hsa-miR-126	145	85	60	1, 29a, 49a, 89a, 11e, 11g	-, -, -, -, -, -	5,98211E-07	Down
AD/HC	EVs	hsa-miR-424-5p	307	156	151	222a, 222b, 142, 149a	+, +, +, +	6,63002E-07	Up
AD/HC	Plasma	hsa-miR-142-3p	227	108	119	32b, 32a, 87a, 94, 73	-, -, -, -, +	6,96195E-07	Down
AD/HC	Brain	hsa-miR-16	127	67	60	1, 11e, 39a, 93a, 93b, 29a	-, -, -, -, -, +	7,07468E-07	Down
AD/HC	Blood	hsa-miR-28-3p	140	96	44	27, 56	+, +	7,51722E-07	Up
AD/HC	Plasma	hsa-miR-103a-3p	139	69	70	73, 87c, 87a	-, -, -	8,31508E-07	Down
AD/HC	Plasma	hsa-miR-139-3p	710	341	369	202a, 202b	-, -	8,54312E-07	Down
AD/HC	Plasma	hsa-miR-451a-5p	710	341	369	202a, 202b	+, +	8,54312E-07	Up
AD/HC	EVs	hsa-miR-29c-3p	236	156	80	228a, 228c	+, +	8,54312E-07	Up
AD/HC	Serum	hsa-miR-181c	315	135	180	43, 234, 23a	-, -, -	1,15312E-06	Down
AD/HC	Blood	hsa-let-7a-5p	140	96	44	27, 56	-, -	1,24609E-06	Down
AD/HC	Brain	hsa-miR-181c	86	47	39	1, 17, 21, 11b, 29a, 49a	-, -, -, -, -, -	1,26693E-06	Down
AD/HC	EVs	hsa-miR-29c-5p	228	115	113	222a, 222b	+, +	1,64132E-06	Up
AD/HC	Serum	hsa-miR-6119-5p	235	140	95	84a, 84b	+, +	1,68435E-06	Up
AD/HC	EVs	hsa-miR-3152-3p	24	12	12	184a, 184b	+, +	1,87987E-06	Up
AD/HC	Brain	hsa-miR-376a	83	47	36	1, 17, 11b, 11e, 29a	-, -, -, -, -, -	2,41565E-06	Down
AD/HC	Blood	hsa-miR-29b-3p	214	132	82	27, 56, 139	-, -, -	2,59104E-06	Down
AD/HC	Blood	hsa-let-7g-5p	140	96	44	27, 56	-, -	2,82827E-06	Down
AD/HC	Brain	hsa-miR-92b-3p	80	49	31	209a, 35	-, +	0,001190887	/
AD/HC	Plasma	hsa-miR-101-3p	874	434	440	126, 73	-, -	3,30511E-06	Down

AD/HC	Brain	hsa-miR-320a-3p	134	67	67	186a, 186b, 187a	+, +, +	3,32948E-06	Up
AD/HC	Blood	hsa-miR-15a-5p	140	96	44	27, 56	-, -	3,39342E-06	Down
AD/HC	Brain	hsa-miR-425	109	63	46	11b, 11c, 11d, 11f, 29a, 1	-, -, -, -, -, +	3,43977E-06	Down
AD/HC	Plasma	hsa-miR-15b-5p	214	101	113	32b, 32a, 94, 73	-, -, -, +	3,53565E-06	Down
AD/HC	Brain	hsa-miR-379-5p	24	12	12	187a, 209a	-, +	0,001565518	/
AD/HC	EVs	hsa-miR-22-3p	121	53	68	151, 192a, 192b	+, +, +	3,64705E-06	Up
AD/HC	Plasma	hsa-miR-485-5p	814	390	424	202a, 202b, 73	-, -, -	3,65601E-06	Down
AD/HC	Plasma	hsa-miR-146a-5p	856	411	445	202a, 202b, 94, 73	-, -, -, -	4,95881E-06	Down
AD/HC	Brain	hsa-miR-4742-3p	126	63	63	186a, 186b	-, -	5,44141E-06	Down
AD/HC	Serum	hsa-miR-223	0	0	0	68, 36a	-, -	6,91026E-06	Down
AD/HC	EVs	hsa-miR-378a-3p	152	76	76	215, 192a, 192b	+, +, +	7,61965E-06	Up
AD/HC	EVs	hsa-miR-335-5p	228	115	113	222a, 222b	+, +	7,68673E-06	Up
AD/HC	Plasma	hsa-miR-483-5p	35	20	15	87c, 87a	+, +	8,48081E-06	Up
AD/HC	Brain	hsa-miR-433-3p	150	75	75	186a, 186b, 209a, 187a	-, -, -, +	9,63988E-06	Down
AD/HC	Brain	hsa-miR-199a-3p	190	104	86	35, 186a, 186b	+, +, +	9,8429E-06	Up
AD/HC	Brain	SNORD48	34	20	14	11b, 11c	-, -	9,95311E-06	Down
AD/HC	Brain	hsa-miR-9	190	109	81	1, 13, 21, 11e, 11f, 11g, 29a, 89a, 10	-, -, -, -, -, -, -, +	1,10984E-05	Down
AD/HC	EVs	hsa-miR-1306-5p	79	41	38	142, 149a	-, -	1,25238E-05	Down
AD/HC	EVs	hsa-miR-143-3p	228	115	113	222a, 222b	+, +	1,25517E-05	Up
AD/HC	Plasma	hsa-miR-545-3p	110	52	58	94, 32b, 32a	-, -, -	1,29647E-05	Down
AD/HC	Brain	hsa-miR-762	80	47	33	209a, 89a	+, +	1,4816E-05	Up
AD/HC	EVs	hsa-miR-483-3p	64	28	36	200, 151	-, -	1,49938E-05	Down
AD/HC	Plasma	hsa-miR-107	482	233	249	73, 144, 122	-, -, -	1,90565E-05	Down
AD/HC	Blood	hsa-miR-660-5p	140	96	44	27, 56	-, -	1,96821E-05	Down
AD/HC	Plasma	hsa-miR-143-3p	814	390	424	202a, 202b, 73	-, -, -	2,09758E-05	Down
AD/HC	Plasma	hsa-miR-10a-5p	814	390	424	73, 202a, 202b	+, +, +	2,16919E-05	Up
AD/HC	Serum	hsa-miR-23a	40	22	18	36a, 36b	-, -	2,25901E-05	Down
AD/HC	Serum	hsa-miR-660-5p	235	140	95	84a, 84b	+, +	2,46964E-05	Up
AD/HC	Brain	hsa-miR-381	58	35	23	29a, 11c, 11e, 11g	-, +, +, +	2,70766E-05	Up
AD/HC	EVs	hsa-miR-138-5p	298	150	148	222a, 222b, 59	-, -, +	2,78493E-05	Up
AD/HC	EVs	hsa-miR-451a	88	42	46	132, 216a, 233a, 192a, 114	-, -, -, +, -	2,97045E-05	Down
AD/HC	Brain	hsa-miR-193a	85	48	37	1, 11b, 11c, 11e	-, +, +, +	2,9994E-05	Up
AD/HC	Blood	hsa-miR-148a-3p	140	96	44	27, 56	-, -	3,00249E-05	Down
AD/HC	Blood	hsa-miR-1294	140	96	44	27, 56	-, -	3,00968E-05	Down
AD/HC	Plasma	hsa-miR-185-5p	874	434	440	126, 73	-, -	3,30097E-05	Down
AD/HC	EVs	hsa-miR-1180-3p	59	31	28	142, 192a	+, +	3,52697E-05	Up
AD/HC	Serum	hsa-miR-1246	235	140	95	84a, 84b	+, +	3,56486E-05	Up
AD/HC	Brain	hsa-miR-617	16	8	8	17, 187a	+, +	3,88982E-05	Up
AD/HC	EVs	hsa-miR-204-5p	117	61	56	171, 215, 151	-, -, -	4,39218E-05	Down
AD/HC	Brain	hsa-miR-331-3p	23	13	10	209a, 29a	-, +	0,004712042	/
AD/HC	Blood	hsa-miR-378d	177	73	104	27, 225a	-, -	4,52526E-05	Down
AD/HC	Blood	hsa-miR-17-3p	499	241	258	27, 56, 129a	-, -, -	4,81725E-05	Down
AD/HC	Brain	hsa-miR-367	34	20	14	11b, 11d	+, +	4,92327E-05	Up
AD/HC	Brain	hsa-miR-378a-3p	134	67	67	186a, 186b, 187a	+, +, +	4,9708E-05	Up
AD/HC	Serum	hsa-miR-148a-3p	246	131	115	190, 212	-, -	5,20608E-05	Down
AD/HC	Brain	hsa-miR-455-3p	86	56	30	209a, 105, 29a, 95d	-, +, +, +	5,39875E-05	Up
AD/HC	Brain	hsa-miR-146a	311	170	141	11g, 29a, 39a, 1, 8, 14, 31, 78, 110, 217a, 217b	-, -, -, +, +, +, +, +, +, +, +	6,01304E-05	Up
AD/HC	Plasma	hsa-miR-301a-3p	44	18	26	32a, 87a	-, -	6,03524E-05	Down

AD/HC	Brain	hsa-miR-301	68	38	30	1, 11e, 11g	- , - , -	6,06798E-05	Down
AD/HC	EVs	hsa-miR-30b-5p	152	76	76	215, 192a, 192b	- , - , -	6,36365E-05	Down
AD/HC	Brain	hsa-miR-543	261	148	113	35, 186a, 29a, 89a, 186b	- , - , - , - , +	6,45606E-05	Down
AD/HC	Blood	hsa-miR-103a-3p	435	196	239	27, 91, 129a	- , + , +	7,20171E-05	Up
AD/HC	Serum	hsa-miR-126-5p	235	140	95	84a, 84b	- , -	7,22121E-05	Down
AD/HC	Brain	hsa-miR-150-5p	91	54	37	209a, 35, 206c	- , + , +	7,6812E-05	Up
AD/HC	Serum	hsa-miR-26a-5p	335	190	145	41a, 84a, 84b	- , - , -	7,7468E-05	Down
AD/HC	Brain	hsa-miR-199b-3p	197	109	88	35, 186a, 186b, 29a	+ , + , + , +	9,20949E-05	Up
AD/HC	Brain	hsa-miR-486	42	22	20	1, 17	+ , +	9,24341E-05	Up
AD/HC	Brain	hsa-miR-362-3p	197	109	88	186b, 29a, 35, 186a	- , - , + , +	0,011348516	/
AD/HC	Brain	hsa-miR-92	96	52	44	1, 193, 11f, 11g	- , + , + , +	0,000101633	Up
AD/HC	Brain	hsa-miR-346	50	28	22	209a, 11e, 11f	- , + , +	0,000102675	Up
AD/HC	EVs	hsa-miR-23b-3p	298	150	148	222a, 222b, 59	- , - , -	0,000104265	Down
AD/HC	Brain	hsa-miR-27b	109	63	46	1, 11b, 11c, 11f, 11g, 29a	- , + , + , + , + , +	0,000111549	Up
AD/HC	Brain	hsa-miR-520e	34	20	14	11e, 11g	+ , +	0,000117688	Up
AD/HC	EVs	hsa-miR-106b-5p	271	138	133	222a, 222b, 142	+ , + , +	0,000118808	Up
AD/HC	Brain	hsa-miR-601	16	8	8	17, 187a	+ , +	0,00012025	Up
AD/HC	EVs	hsa-miR-15a-5p	271	138	133	222a, 222b, 142	+ , + , +	0,000120619	Up
AD/HC	EVs	hsa-miR-323b-3p	51	29	22	200, 184a	- , -	0,000128042	Down
AD/HC	Plasma	hsa-miR-106b-5p	176	85	91	73, 196b	- , -	0,000151134	Down
AD/HC	Brain	hsa-miR-323a-5p	126	63	63	186a, 186b	- , -	0,000158458	Down
AD/HC	Brain	hsa-miR-433	128	77	51	35, 11c, 29a, 49a, 1	- , - , - , - , +	0,000163239	Down
AD/HC	Brain	hsa-miR-501	51	28	23	1, 11f	+ , +	0,000165555	Up
AD/HC	CSF	hsa-miR-9-5p	163	80	83	83, 46a	- , -	0,000168158	Down
AD/HC	Brain	hsa-miR-4446-3p	133	68	65	186a, 186b, 29a	- , - , -	0,000172257	Down
AD/HC	Plasma	hsa-miR-26b-5p	814	390	424	202a, 202b, 73	+ , + , -	0,000172634	Up
AD/HC	Serum	hsa-miR-93-5p	271	138	133	60, 41a, 90a, 90b	+ , - , - , -	0,000179455	Down
AD/HC	CSF	hsa-miR-29a	108	50	58	47, 75, 42b	+ , + , +	0,00018201	Up
AD/HC	Brain	hsa-miR-1-3p	126	63	63	186a, 186b	+ , +	0,000209404	Up
AD/HC	Brain	hsa-miR-128a	39	22	17	20b, 39a	- , -	0,000230127	Down
AD/HC	Serum	hsa-miR-1285-3p	173	75	98	137, 46b	+ , +	0,000237978	Up
AD/HC	Brain	hsa-miR-365b-5p	50	24	26	163, 235	- , -	0,000240161	Down
AD/HC	Brain	hsa-miR-15b	164	87	77	1, 85, 93a, 93b, 29a	- , - , - , - , +	0,000244238	Down
AD/HC	Brain	hsa-miR-502-3p	133	68	65	186a, 186b, 29a	+ , + , +	0,000305077	Up
AD/HC	Brain	hsa-miR-485-3p	63	34	29	1, 209a, 29a, 49a	- , - , - , +	0,000306565	Down
AD/HC	Brain	hsa-miR-129-3p	77	47	30	29a, 49a, 89a	- , - , -	0,000313825	Down
AD/HC	Brain	hsa-miR-335	51	28	23	1, 11c	- , +	0,025292859	/
AD/HC	Brain	hsa-miR-361	51	28	23	1, 11c	- , +	0,02939253	/
AD/HC	Brain	hsa-miR-422b	68	38	30	1, 11c, 11e	+ , + , +	0,000342436	Up
AD/HC	Brain	hsa-miR-329	71	46	25	35, 29a	- , +	0,030023896	/
AD/HC	Plasma	hsa-miR-933	40	20	20	102b, 102a	+ , +	0,000357276	Up
AD/HC	Brain	hsa-miR-629-5p	126	63	63	186a, 186b	+ , +	0,000360652	Up
AD/HC	Brain	hsa-miR-143	115	67	48	1, 11d, 89a	+ , + , +	0,000390447	Up
AD/HC	Brain	hsa-miR-590-5p	71	44	27	89a, 29a	- , +	0,032438811	/
AD/HC	Brain	hsa-miR-575	16	8	8	17, 187a	+ , +	0,000395434	Up
AD/HC	Brain	hsa-miR-886-3p	28	13	15	49a, 49b	- , -	0,000424988	Down
AD/HC	Brain	hsa-miR-145	92	53	39	1, 11d, 11f, 11g, 29a	+ , + , + , + , +	0,000446731	Up
AD/HC	Brain	hsa-miR-29c	109	58	51	1, 17, 48, 29a	- , - , - , -	0,000461256	Down

AD/HC	Brain	hsa-miR-191	156	92	64	11b, 11d, 11e, 29a, 89a, 1	-,-,-,-,-,+	0,000463633	Down
AD/HC	Brain	hsa-miR-182-5p	30	16	14	135a, 135b	-,-	0,000479459	Down
AD/HC	Brain	hsa-miR-1285	13	8	5	49a, 29a	-,+	0,040303575	/
AD/HC	Brain	hsa-miR-487b	105	64	41	1, 35, 29a	-,-,-	0,000479705	Down
AD/HC	Brain	hsa-miR-190	75	43	32	1, 29a, 11b, 11c	-,-,-,+,+	0,041737469	/
AD/HC	CSF	hsa-miR-433	221	116	105	167b, 46a, 47	-,-,-,+	0,000490789	Down
AD/HC	Brain	hsa-miR-27a	92	53	39	1, 11b, 11c, 11d, 29a	-,-,+,+,+,+	0,000537293	Up
AD/HC	Brain	hsa-miR-500a-3p	126	63	63	186a, 186b	+,+	0,000539684	Up
AD/HC	Brain	hsa-miR-4510	126	63	63	186a, 186b	+,+	0,000554137	Up
AD/HC	Serum	hsa-miR-26b	40	22	18	36a, 36b	-,-	0,000556414	Down
AD/HC	Blood	hsa-miR-33b-5p	177	73	104	27, 225a	-,-	0,00069058	Down
AD/HC	Brain	hsa-miR-130b	75	43	32	1, 11b, 11d, 29a	-,-,-,-,+	0,000698021	Down
AD/HC	EVs	hsa-miR-126-3p	53	19	34	165a, 132	-,-	0,000726473	Down
AD/HC	Brain	hsa-miR-3151-5p	126	63	63	186a, 186b	-,-,+	0,05852904	/
AD/HC	Brain	hsa-miR-195	185	105	80	1, 195a, 93a, 93b, 29a, 89a	-,-,-,-,-,-,+,+	0,000728169	Down
AD/HC	EVs	hsa-miR-27a-3p	86	28	58	136, 151	+,+	0,000817894	Up
AD/HC	EVs	hsa-miR-106a-5p	327	166	161	215, 222a, 222b, 142	-,-,+,+,+	0,000864302	Up
AD/HC	Brain	hsa-miR-153	75	43	32	1, 29a, 11b, 11c	-,-,-,+,+	0,061506747	/
AD/HC	Brain	hsa-miR-6505-3p	126	63	63	186a, 186b	-,-	0,000877903	Down
AD/HC	EVs	hsa-miR-150-5p	354	178	176	222a, 222b, 59, 215	-,-,-,-,-	0,000888076	Down
AD/HC	EVs	hsa-miR-133a-3p	68	34	34	215, 184a	+,+	0,000893526	Up
AD/HC	Brain	hsa-let-7g-5p	126	63	63	186b, 186a	-,-,+	0,068867624	/
AD/HC	Brain	hsa-miR-7	180	105	75	89a, 1, 110, 133, 11c, 29a	-,-,+,+,+,+,+,+	0,000902	Up
AD/HC	CSF	hsa-miR-451	70	32	38	47, 11a	-,-	0,00096874	Down
AD/HC	Plasma	hsa-miR-144-3p	874	434	440	126, 73	-,-	0,001019032	Down
AD/HC	Brain	SNORD44	85	50	35	11c, 11d, 11e, 11f, 11g	-,-,+,+,+,+,+	0,001024985	Up
AD/HC	Brain	hsa-miR-301b-3p	126	63	63	186a, 186b	-,-,+	0,077678904	/
AD/HC	Brain	hsa-miR-30a-3p	177	91	86	1, 11b, 186a, 186b	+,+,+,+,+	0,001062464	Up
AD/HC	Brain	hsa-miR-331	51	28	23	11c, 1	-,-,+	0,080009811	/
AD/HC	Brain	hsa-miR-1296	33	19	14	162, 29a, 49a	-,-,-,-	0,001085388	Down
AD/HC	Brain	hsa-miR-6505-5p	126	63	63	186a, 186b	-,-	0,001089441	Down
AD/HC	Brain	hsa-miR-490-5p	71	44	27	89a, 29a	-,-,+	0,08308798	/
AD/HC	Plasma	hsa-miR-6798-3p	176	85	91	196b, 73	-,-	0,001101628	Down
AD/HC	CSF	hsa-miR-29c	110	52	58	47, 57	-,-	0,001120191	Down
AD/HC	Brain	hsa-miR-222-5p	126	63	63	186a, 186b	+,+	0,001230665	Up
AD/HC	Brain	hsa-miR-187	75	43	32	29a, 1, 11e, 11g	-,-,+,+,+	0,0012449	Up
AD/HC	Brain	hsa-miR-422a	85	48	37	1, 11e, 11f, 11g	-,-,+,+,+	0,001394579	Up
AD/HC	Brain	hsa-miR-184	55	30	25	1, 29a, 187a, 49a	-,-,-,+,+	0,108768341	/
AD/HC	EVs	hsa-miR-342-5p	150	75	75	59, 240	-,-	0,001413008	Down
AD/HC	Brain	hsa-miR-24	81	46	35	1, 11b, 11c, 49a, 29a	-,-,-,-,-,-,+,+	0,001442458	Down
AD/HC	EVs	hsa-miR-485-3p	30	15	15	184a, 184b, 233a	-,-,-,+	0,001451225	Down
AD/HC	CSF	hsa-miR-598	213	102	111	47, 83, 46a	-,-,-,-	0,001499299	Down
AD/HC	Brain	hsa-miR-4270	80	47	33	209a, 89a	-,-,+	0,12751464	/
AD/HC	Blood	hsa-miR-21-5p	144	84	60	27, 139	-,-	0,001507417	Down
AD/HC	Serum	hsa-miR-195-5p	125	65	60	90a, 90b	+,+	0,001525323	Up
AD/HC	Serum	hsa-miR-20b-5p	125	65	60	90a, 90b	+,+	0,001525323	Up
AD/HC	Brain	hsa-miR-502	51	28	23	11e, 1	-,-,+	0,136263559	/
AD/HC	Serum	hsa-miR-497-5p	125	65	60	90a, 90b	+,+	0,001525323	Up

AD/HC	EVs	hsa-miR-9-5p	228	115	113	222a, 222b	+, +	0,001525323	Up
AD/HC	Brain	hsa-miR-411-5p	21	10	11	187a, 187b	-, -	0,001525323	Down
AD/HC	Brain	hsa-miR-18a	62	32	30	1, 193	-, +	0,14263677	/
AD/HC	Serum	hsa-miR-125b-3p	125	65	60	90a, 90b	-, -	0,001525323	Down
AD/HC	Brain	hsa-miR-491	51	28	23	11d, 1	-, +	0,145342	/
AD/HC	Serum	hsa-miR-19b-3p	125	65	60	90a, 90b	-, -	0,001525323	Down
AD/HC	Serum	hsa-miR-200a-3p	24	14	10	6, 148	-, -	0,001525323	Down
AD/HC	Brain	hsa-miR-183	71	44	27	29a, 89a	-, +	0,15657296	/
AD/HC	Serum	hsa-miR-29c-3p	125	65	60	90a, 90b	-, -	0,001525323	Down
AD/HC	Brain	hsa-miR-127	51	28	23	11c, 1	-, +	0,168425509	/
AD/HC	Brain	hsa-miR-339	51	28	23	1, 11c	-, +	0,170507363	/
AD/HC	Brain	hsa-miR-708-3p	126	63	63	186a, 186b	+, +	0,001611574	Up
AD/HC	Brain	hsa-miR-365	41	23	18	1, 29a	-, +	0,17263213	/
AD/HC	Brain	hsa-miR-369-3p	40	23	17	187a, 29a, 72, 11c	-, -, +, +	0,177381421	/
AD/HC	Brain	hsa-miR-498	28	13	15	49a, 49b	+, +	0,001628566	Up
AD/HC	Brain	hsa-miR-219	51	28	23	11f, 1	-, +	0,177935308	/
AD/HC	Brain	hsa-miR-448	15	9	6	187a, 29a	-, +	0,178952747	/
AD/HC	Brain	hsa-miR-125a	51	28	23	1, 11d	+, +	0,001688889	Up
AD/HC	Brain	hsa-miR-146a-5p	126	63	63	186a, 186b	+, +	0,001794029	Up
AD/HC	Brain	hsa-miR-584	71	44	27	89a, 29a	-, +	0,185768769	/
AD/HC	Brain	hsa-miR-769-5p	77	49	28	35, 29a, 49a	-, -, -	0,001900177	Down
AD/HC	Brain	hsa-miR-424	24	15	9	29a, 11c	-, +	0,188796429	/
AD/HC	Blood	hsa-miR-15b-5p	141	88	53	152a, 152b	-, -	0,001950809	Down
AD/HC	Brain	hsa-let-7b	64	36	28	1, 49a, 11c, 29a	-, -, +, +	0,199587926	/
AD/HC	Brain	hsa-miR-375	61	34	27	1, 162, 29a	-, -, -	0,001974047	Down
AD/HC	Brain	hsa-miR-210	92	53	39	11c, 11f, 11g, 29a, 1	-, -, -, -, +	0,001987393	Down
AD/HC	Brain	hsa-miR-519d	81	49	32	11g, 89a	+, +	0,002011267	Up
AD/HC	Brain	hsa-miR-141	24	15	9	29a, 11c	-, +	0,229259915	/
AD/HC	Brain	hsa-miR-655	15	9	6	29a, 72	-, +	0,231408425	/
AD/HC	Brain	hsa-miR-592	71	44	27	29a, 89a	-, -	0,002136452	Down
AD/HC	Brain	hsa-miR-340	75	43	32	1, 11e, 11d, 29a	-, -, +, +	0,245513298	/
AD/HC	Brain	hsa-miR-3622b-3p	71	44	27	89a, 29a	-, +	0,259448935	/
AD/HC	Brain	hsa-miR-181d	75	43	32	11b, 11c, 29a, 1	-, -, -, +	0,002415692	Down
AD/HC	Brain	hsa-miR-877	13	8	5	29a, 49a	-, +	0,260684151	/
AD/HC	Brain	hsa-miR-514a-3p	126	63	63	186a, 186b	-, -	0,002472154	Down
AD/HC	Brain	hsa-miR-382	123	70	53	11b, 11d, 11e, 11f, 29a, 49a, 1, 17	-, -, -, -, -, -, +, +	0,002525647	Down
AD/HC	Brain	hsa-miR-191-3p	126	63	63	186a, 186b	-, -	0,002549014	Down
AD/HC	CSF	hsa-miR-139-5p	177	84	93	47, 46a	-, -	0,002616191	Down
AD/HC	Brain	hsa-miR-330-5p	13	8	5	49a, 29a	-, +	0,273999557	/
AD/HC	Brain	hsa-miR-199a	51	28	23	1, 11c	-, +	0,279240417	/
AD/HC	Brain	hsa-miR-27a-3p	72	45	27	187a, 35	-, +	0,281491855	/
AD/HC	Brain	hsa-miR-339-5p	139	71	68	186a, 186b, 49a, 29a	-, -, -, +	0,002674514	Down
AD/HC	Brain	hsa-miR-338-5p	30	17	13	124, 29a	-, +	0,299598252	/
AD/HC	Brain	hsa-miR-196b	98	57	41	1, 89a	-, +	0,301938293	/
AD/HC	Brain	hsa-miR-99a	78	44	34	1, 162, 11g, 29a	-, +, +, +	0,002733151	Up
AD/HC	Brain	hsa-miR-3912-5p	126	63	63	186a, 186b	+, +	0,002855033	Up
AD/HC	Brain	hsa-miR-1274b	70	42	28	49a, 89a	-, +	0,314889981	/
AD/HC	Brain	hsa-miR-219a-2-3p	29	14	15	187b, 209a	-, +	0,315042405	/

AD/HC	Brain	hsa-miR-34c-5p	15	9	6	187a, 29a	- , +	0,329174629	/
AD/HC	EVs	hsa-miR-320d	72	36	36	215, 192a	+ , +	0,002875141	Up
AD/HC	Brain	hsa-miR-3912-3p	126	63	63	186a, 186b	+ , +	0,002928626	Up
AD/HC	Brain	hsa-miR-30c-2-3p	126	63	63	186a, 186b	+ , +	0,003083665	Up
AD/HC	Brain	hsa-miR-22-5p	126	63	63	186a, 186b	- , -	0,003178714	Down
AD/HC	EVs	hsa-miR-197-3p	81	33	48	215, 151	- , -	0,003352323	Down
AD/HC	Blood	hsa-miR-146b-5p	141	88	53	152a, 152b	- , -	0,003359738	Down
AD/HC	Brain	hsa-miR-582-3p	133	68	65	186a, 186b, 29a	- , - , -	0,003575892	Down
AD/HC	Brain	hsa-miR-181b	81	46	35	1, 11b, 11c, 49a, 29a	- , - , - , - , +	0,003582209	Down
AD/HC	Brain	hsa-miR-379	41	23	18	29a, 1	- , +	0,402819714	/
AD/HC	Brain	hsa-miR-301b	71	44	27	29a, 89a	- , +	0,415096117	/
AD/HC	Brain	hsa-miR-299-5p	41	23	18	29a, 1	- , +	0,419061272	/
AD/HC	Brain	hsa-miR-370	71	46	25	35, 29a	- , -	0,003586588	Down
AD/HC	Plasma	hsa-miR-30b-5p	139	69	70	87a, 87c, 73	- , - , +	0,003612053	Down
AD/HC	Brain	hsa-miR-26b	69	38	31	1, 11c, 34c	- , + , +	0,003621587	Up
AD/HC	Brain	hsa-miR-1264	13	8	5	49a, 29a	- , +	0,439000023	/
AD/HC	Brain	hsa-miR-720	13	8	5	49a, 29a	- , +	0,447355407	/
AD/HC	Brain	hsa-miR-500b-5p	126	63	63	186a, 186b	+ , +	0,00373866	Up
AD/HC	Brain	hsa-miR-149	111	65	46	29a, 49a, 1, 89a	- , - , + , +	0,465658953	/
AD/HC	Brain	hsa-miR-548e-3p	126	63	63	186a, 186b	+ , +	0,003966314	Up
AD/HC	Brain	hsa-miR-409-3p	15	9	6	29a, 187a	- , +	0,495751673	/
AD/HC	EVs	hsa-miR-320a	92	56	36	171, 215	- , -	0,003975546	Down
AD/HC	Brain	hsa-miR-516a-5p	13	8	5	29a, 49a	- , +	0,524750206	/
AD/HC	Serum	hsa-miR-26b-5p	203	113	90	41a, 88a, 88c	- , + , +	0,004051405	Up
AD/HC	Brain	hsa-miR-28-5p	15	9	6	187a, 29a	- , +	0,529079764	/
AD/HC	EVs	hsa-miR-485-5p	295	149	146	184a, 222a, 222b, 50	- , + , + , +	0,004070395	Up
AD/HC	Brain	hsa-miR-342	51	28	23	11g, 1	- , +	0,537225563	/
AD/HC	Brain	hsa-miR-487a-5p	126	63	63	186a, 186b	- , -	0,00407393	Down
AD/HC	Brain	hsa-miR-410	105	64	41	29a, 1	- , +	0,550995671	/
AD/HC	EVs	hsa-miR-22-5p	96	48	48	192a, 192b	+ , +	0,004197307	Up
AD/HC	EVs	hsa-miR-4433b-5p	30	15	15	184a, 184b, 233a	- , - , +	0,004235248	Down
AD/HC	Brain	hsa-miR-218	41	23	18	29a, 1	- , +	0,573386125	/
AD/HC	Brain	hsa-miR-668	13	8	5	29a, 49a	- , -	0,00425833	Down
AD/HC	Brain	hsa-miR-320	42	22	20	1, 17	+ , +	0,004266643	Up
AD/HC	Brain	hsa-let-7i	70	42	28	49a, 89a	- , -	0,004287549	Down
AD/HC	Brain	hsa-miR-432	66	37	29	11e, 29a, 1, 17	- , - , + , +	0,592347613	/
AD/HC	Brain	hsa-miR-324-5p	122	72	50	29a, 89a, 1, 11c	- , - , + , +	0,593995023	/
AD/HC	Brain	hsa-miR-34a-5p	126	63	63	186a, 186b	+ , +	0,004314044	Up
AD/HC	CSF	hsa-miR-874	177	84	93	47, 46a	- , -	0,004420417	Down
AD/HC	Brain	hsa-miR-660	41	23	18	1, 29a	- , +	0,653403599	/
AD/HC	Brain	hsa-miR-545	41	23	18	1, 29a	- , +	0,657291267	/
AD/HC	Brain	hsa-miR-383	41	23	18	29a, 1	- , +	0,661673495	/
AD/HC	Brain	hsa-miR-6882-5p	126	63	63	186a, 186b	+ , +	0,004443742	Up
AD/HC	Brain	hsa-miR-500a-5p	126	63	63	186a, 186b	+ , +	0,004476795	Up
AD/HC	Brain	hsa-miR-219a-5p	18	9	9	187a, 135a	- , +	0,689184841	/
AD/HC	Brain	hsa-miR-30a	13	8	5	49a, 29a	- , +	0,69316393	/
AD/HC	Brain	hsa-miR-301a-5p	126	63	63	186a, 186b	- , -	0,004579239	Down
AD/HC	Brain	hsa-miR-1277-3p	126	63	63	186a, 186b	- , -	0,004602942	Down

AD/HC	Brain	hsa-miR-301a	13	8	5	49a, 29a	- , +	0,734436127	/
AD/HC	Brain	hsa-miR-193b	41	23	18	1, 29a	- , +	0,771408628	/
AD/HC	Brain	hsa-miR-378	41	23	18	1, 29a	- , +	0,77943682	/
AD/HC	Brain	hsa-miR-345	41	23	18	1, 29a	- , +	0,783911624	/
AD/HC	Brain	hsa-miR-409-5p	162	98	64	35, 89a, 1	- , - , +	0,004845552	Down
AD/HC	Brain	hsa-miR-222	41	23	18	29a, 1	- , +	0,800369248	/
AD/HC	Brain	hsa-miR-1	41	23	18	29a, 1	- , +	0,800400177	/
AD/HC	Brain	hsa-miR-26a	75	43	32	1, 11g, 11c, 29a	- , - , + , +	0,81225029	/
AD/HC	EVs	hsa-miR-625-3p	68	34	34	215, 184a	- , -	0,004859492	Down
AD/HC	Brain	hsa-miR-138-1-3p	23	11	12	135a, 187b	- , +	0,813063872	/
AD/HC	Brain	hsa-miR-423-5p	87	52	35	209a, 29a, 89a	- , + , +	0,005114058	Up
AD/HC	Plasma	hsa-miR-1273g-3p	227	105	122	196b, 196c, 73	+ , + , +	0,005294003	Up
AD/HC	Brain	hsa-miR-17	35	19	16	193, 29a	+ , +	0,005309454	Up
AD/HC	CSF	hsa-miR-222	118	59	59	47, 99	+ , +	0,005559909	Up
AD/HC	Brain	hsa-miR-320a	13	8	5	49a, 29a	- , +	0,829267202	/
AD/HC	Brain	hsa-miR-572	50	26	24	1, 17, 187a	- , + , +	0,005659254	Up
AD/HC	Brain	hsa-miR-603	78	46	32	89a, 69	- , +	0,879838602	/
AD/HC	CSF	hsa-miR-193a-5p	149	72	77	47, 55	- , -	0,005698674	Down
AD/HC	CSF	hsa-miR-30d	70	32	38	47, 11a	+ , +	0,006005796	Up
AD/HC	Brain	hsa-miR-32-5p	156	79	77	186a, 186b, 135a, 135b	- , - , + , +	0,932744265	/
AD/HC	Brain	hsa-miR-30d	47	26	21	1, 29a, 49a	- , - , -	0,006025278	Down
AD/HC	Brain	hsa-miR-25	41	23	18	1, 29a	- , +	0,970336544	/
AD/HC	Brain	hsa-miR-29c-3p	21	10	11	187a, 187b	- , +	1	/
AD/HC	Brain	hsa-miR-584-5p	21	10	11	187b, 187a	- , +	1	/
AD/HC	Brain	hsa-miR-574-3p	23	13	10	209a, 29a	- , +		/
AD/HC	Brain	hsa-miR-98	58	33	25	1, 11e, 29a	- , - , -	0,00612408	Down
AD/HC	Brain	hsa-miR-10b	71	44	27	29a, 89a	- , -	0,006583762	Down
AD/HC	Brain	hsa-miR-342-3p	36	21	15	209a, 29a, 131	- , - , +	0,006869052	Down
AD/HC	EVs	hsa-miR-23a-3p	370	175	195	132, 156, 151, 174	- , + , + , +	0,007281952	Up
AD/HC	Brain	hsa-miR-100	108	61	47	1, 29b, 11b, 11d, 11g, 29a	- , - , + , + , + , +	0,007359168	Up
AD/HC	Brain	hsa-miR-181a	52	28	24	11e, 49a, 49b, 29a	- , - , - , +	0,007381443	Down
AD/HC	Brain	hsa-miR-10395-3p	126	63	63	186a, 186b	+ , +	0,007435979	Up
AD/HC	Brain	hsa-miR-219-2-3p	71	46	25	35, 29a	- , -	0,008245363	Down
AD/HC	Brain	hsa-miR-664a-3p	126	63	63	186a, 186b	+ , +	0,008881207	Up
AD/HC	Brain	hsa-miR-423	68	38	30	1, 11f, 11g	- , + , +	0,009147138	Up
AD/HC	Brain	hsa-miR-128-1-5p	139	69	70	186b, 186a, 187b	- , + , +	0,009876392	Up
AD/HC	Brain	hsa-miR-320b	139	71	68	49a, 186a, 186b, 29a	- , + , + , +	0,010157842	Up
AD/HC	Brain	hsa-miR-19b	69	37	32	1, 193, 29a	+ , + , +	0,010193508	Up
AD/HC	EVs	hsa-miR-320c	72	36	36	215, 192a	+ , +	0,010238774	Up
AD/HC	Brain	hsa-miR-28	51	28	23	1, 11d	- , -	0,011562377	Down
AD/HC	Brain	hsa-miR-152	105	62	43	1, 29a, 89a	- , + , +	0,011636856	Up
AD/HC	Brain	hsa-miR-95	42	22	20	1, 17	- , -	0,011881335	Down
AD/HC	CSF	hsa-miR-186	70	32	38	47, 11a	+ , +	0,012091631	Up
AD/HC	Brain	hsa-miR-338	68	38	30	1, 11c, 11e	+ , + , +	0,012291768	Up
AD/HC	Brain	hsa-miR-628-3p	205	111	94	186a, 186b, 29a, 89a, 187a	- , - , - , - , +	0,013081837	Down
AD/HC	Brain	hsa-miR-489	51	28	23	1, 11b	+ , +	0,013364593	Up
AD/HC	Brain	hsa-miR-517c	51	28	23	1, 11c	+ , +	0,014363981	Up
AD/HC	Brain	hsa-miR-296	68	38	30	1, 11e, 11f	- , + , +	0,015370396	Up

AD/HC	Brain	hsa-miR-542-5p	15	9	6	187a, 29a	-,-	0,016640117	Down
AD/HC	Brain	hsa-miR-323-3p	71	44	27	29a, 89a	-,-	0,017066773	Down
AD/HC	Brain	hsa-miR-4449	52	27	25	207, 163, 29a	-,-,+	0,017276309	Down
AD/HC	CSF	hsa-miR-1291	149	72	77	47, 55	+,+	0,018128977	Up
AD/HC	Brain	hsa-miR-30a-5p	51	28	23	1, 11c	+,+	0,018278852	Up
AD/HC	Plasma	hsa-miR-21-5p	261	165	96	185, 73	+,-	0,024746326	/
AD/HC	EVs	hsa-miR-145-5p	72	36	36	215, 216a	-,-	0,018293664	Down
AD/HC	Brain	hsa-miR-3943	71	44	27	29a, 89a	-,-	0,018826911	Down
AD/HC	Brain	hsa-miR-338-3p	15	9	6	187a, 29a	-,-	0,019170355	Down
AD/HC	CSF	hsa-miR-32	70	32	38	47, 11a	+,+	0,019567583	Up
AD/HC	Plasma	hsa-miR-320c	117	56	61	87a, 73	+,-	0,047415658	/
AD/HC	Plasma	hsa-miR-320a	117	56	61	87a, 73	+,-	0,049784737	/
AD/HC	Brain	hsa-miR-213	68	38	30	1, 11b, 11g	-,+ ,+	0,019585166	Up
AD/HC	Plasma	hsa-miR-23b-3p	140	71	69	218, 73	-,+	0,103127457	/
AD/HC	Plasma	hsa-miR-193b-3p	197	93	104	205a, 73	+,+	0,020190579	Up
AD/HC	Plasma	hsa-miR-132-3p	145	70	75	205c, 73	+,-	0,167589041	/
AD/HC	Plasma	hsa-miR-151a-5p	126	62	64	87c, 73	-,+	0,181968446	/
AD/HC	Plasma	hsa-miR-126-3p	261	165	96	185, 73	+,-	0,217007279	/
AD/HC	Serum	hsa-miR-146a-5p	487	246	241	188, 239a, 41a, 90a, 90b	+, -, -, +, +	0,020401289	Up
AD/HC	Plasma	hsa-miR-502-3p	239	119	120	87c, 73, 241, 87a	-,-, +, +	0,356714796	/
AD/HC	Plasma	hsa-miR-363-3p	176	85	91	73, 196b	+,+	0,485437859	/
AD/HC	Plasma	hsa-miR-27b-3p	197	93	104	205a, 73	-,+	0,499406614	/
AD/HC	Plasma	hsa-miR-17-5p	261	165	96	185, 73	+,-	0,551859836	/
AD/HC	Plasma	hsa-miR-181c-5p	174	105	69	127a, 73	+,-	0,94261602	/
AD/HC	Brain	hsa-miR-487a	71	46	25	35, 29a	-,-	0,020751271	Down
AD/HC	Brain	hsa-miR-500a	71	44	27	29a, 89a	+,+	0,020804678	Up
AD/HC	Brain	hsa-miR-431	27	16	11	162, 29a	-,-	0,020868556	Down
AD/HC	Brain	hsa-miR-129	51	28	23	1, 11e	-,-	0,020962865	Down
AD/HC	EVs	hsa-miR-193b	504	210	294	104a, 175d, 175a	-,+ ,+	0,021037659	Up
AD/HC	EVs	hsa-miR-127-3p	283	143	140	50, 222a, 222b	-,+ ,+	0,021509474	Up
AD/HC	Brain	hsa-miR-28-3p	133	68	65	186a, 186b, 29a	+,+,+	0,021734059	Up
AD/HC	Brain	hsa-miR-3605-5p	71	44	27	29a, 89a	+,+	0,022121175	Up
AD/HC	Brain	hsa-miR-185	15	9	6	17, 29a	+,+	0,022396371	Up
AD/HC	EVs	hsa-miR-30e-3p	62	31	31	215, 233a	+,+	0,023094702	Up
AD/HC	Brain	hsa-let-7e	41	23	18	1, 29a	-,-	0,023239345	Down
AD/HC	Brain	hsa-miR-144	71	44	27	29a, 89a	-,-	0,023789607	Down
AD/HC	Brain	hsa-miR-3909	71	44	27	29a, 89a	+,+	0,02431943	Up
AD/HC	Brain	hsa-miR-381-5p	126	63	63	186a, 186b	+,+	0,025273841	Up
AD/HC	CSF	hsa-miR-184	177	84	93	46a, 47	-,+	0,02079447	/
AD/HC	Blood	hsa-miR-126-3p	144	84	60	27, 139	-,-	0,028170261	Down
AD/HC	CSF	hsa-miR-181d	177	84	93	46a, 47	-,+	0,029601059	/
AD/HC	Plasma	hsa-miR-324-5p	238	114	124	205a, 205c, 73	-,-, +	0,029246932	Down
AD/HC	CSF	hsa-miR-143	70	32	38	47, 11a	-,-	0,029498271	Down
AD/HC	Brain	hsa-miR-671-5p	21	12	9	29a, 49a, 187a	-,+ ,+	0,02951321	Up
AD/HC	Brain	hsa-miR-505	24	15	9	11f, 29a	+,+	0,030353698	Up
AD/HC	Brain	hsa-miR-598	15	9	6	17, 29a	-,-	0,030692229	Down
AD/HC	EVs	hsa-miR-17-5p	81	33	48	215, 151	-,-	0,030776295	Down
AD/HC	CSF	hsa-miR-197	70	32	38	47, 11a	-,+	0,055856854	/

AD/HC	CSF	hsa-let-7e	72	34	38	47, 108	- , +	0,061239668	/
AD/HC	Brain	hsa-miR-130a	89	50	39	1, 17, 11b, 29a, 49a, 11c	- , - , - , - , +	0,031951086	Down
AD/HC	CSF	hsa-miR-181c	70	32	38	11a, 47	- , +	0,073767636	/
AD/HC	Serum	hsa-let-7f-5p	103	63	40	88a, 88c	+ , +	0,032001221	Up
AD/HC	Brain	hsa-miR-494	15	9	6	17, 29a	- , -	0,032649727	Down
AD/HC	CSF	hsa-miR-15b	70	32	38	11a, 47	- , +	0,082360965	/
AD/HC	Plasma	hsa-miR-27a-3p	238	114	124	205a, 205c, 73	- , - , +	0,033374224	Down
AD/HC	CSF	hsa-miR-206	86	40	46	83, 47	- , +	0,08782087	/
AD/HC	CSF	hsa-miR-204	70	32	38	47, 11a	+ , +	0,033568064	Up
AD/HC	Brain	hsa-miR-133b	185	95	90	11d, 1, 186a, 186b, 187a	- , + , + , + , +	0,033935463	Up
AD/HC	Brain	hsa-miR-330	51	28	23	1, 11c	- , -	0,034233953	Down
AD/HC	CSF	hsa-miR-194	70	32	38	11a, 47	- , +	0,098612028	/
AD/HC	CSF	hsa-miR-221	70	32	38	11a, 47	- , +	0,099691577	/
AD/HC	CSF	hsa-miR-10a	70	32	38	47, 11a	- , -	0,036108777	Down
AD/HC	CSF	hsa-miR-99a	70	32	38	11a, 47	- , +	0,18105963	/
AD/HC	CSF	hsa-miR-205	70	32	38	47, 11a	- , +	0,181387799	/
AD/HC	CSF	hsa-miR-146b	70	32	38	11a, 47	- , +	0,192610753	/
AD/HC	CSF	hsa-miR-26b	90	44	46	36c, 47	- , +	0,203837922	/
AD/HC	CSF	hsa-miR-142-5p	70	32	38	11a, 47	- , +	0,205082442	/
AD/HC	CSF	hsa-miR-374	70	32	38	47, 11a	- , +	0,211007158	/
AD/HC	CSF	hsa-miR-142-3p	149	72	77	55, 47	- , +	0,230275023	/
AD/HC	CSF	hsa-miR-191	70	32	38	47, 11a	- , +	0,388634647	/
AD/HC	CSF	hsa-miR-375	70	32	38	47, 11a	- , +	0,476461075	/
AD/HC	CSF	hsa-miR-410	177	84	93	46a, 47	- , +	0,674164303	/
AD/HC	Brain	hsa-miR-150	35	18	17	29a, 49a, 49b	- , + , +	0,036859106	Up
AD/HC	Serum	hsa-miR-29b	315	135	180	43, 234, 23a	+ , - , -	0,037154134	Down
AD/HC	Brain	hsa-miR-128	81	51	30	35, 29a, 10	- , - , +	0,037831472	Down
AD/HC	CSF	hsa-miR-362	70	32	38	47, 11a	- , +	0,929187341	/
AD/HC	CSF	hsa-miR-345	70	32	38	47, 11a	+ , +	0,038131914	Up
AD/HC	Brain	hsa-miR-138	71	44	27	29a, 89a	- , -	0,038657675	Down
AD/HC	EVs	hsa-miR-20a-5p	352	171	181	151, 222a, 222b, 142, 215	- , + , + , + , -	0,039421157	Up
AD/HC	EVs	hsa-miR-483-5p	62	31	31	215, 233a	- , -	0,040374268	Down
AD/HC	Brain	hsa-miR-204	47	26	21	1, 29a, 49a	- , - , -	0,040469871	Down
AD/HC	Plasma	hsa-miR-18a-5p	117	56	61	87a, 73	- , -	0,040764922	Down
AD/HC	Plasma	hsa-miR-1260a	117	56	61	73, 87a	- , -	0,041940861	Down
AD/HC	Brain	hsa-miR-374	76	42	34	1, 17, 11e, 11c	- , - , - , +	0,042229093	Down
AD/HC	Brain	hsa-miR-138-5p	85	51	34	35, 187a, 187b	- , - , +	0,043693826	Down
AD/HC	CSF	hsa-miR-127	70	32	38	47, 11a	- , -	0,043697818	Down
AD/HC	EVs	hsa-miR-378c	75	39	36	216a, 142, 192a	- , + , +	0,043919818	Up
AD/HC	CSF	hsa-miR-126	70	32	38	47, 11a	- , -	0,044083373	Down
AD/HC	EVs	hsa-miR-185-5p	115	61	54	59, 208, 200	- , - , +	0,044305892	Down
AD/HC	CSF	hsa-miR-155	62	28	34	26, 47	+ , +	0,0455779	Up
AD/HC	Brain	hsa-miR-124	23	13	10	111, 29a	+ , +	0,046669375	Up
AD/HC	Brain	hsa-miR-148a	75	43	32	1, 11d, 11g, 29a	- , + , + , +	0,049122602	Up
AD/HC	Brain	hsa-miR-22	105	62	43	29a, 89a, 1	- , - , +	0,050304371	Down
AD/HC	Brain	hsa-miR-140	85	48	37	1, 11b, 11e, 11c	- , - , - , +	0,050934864	Down
AD/HC	Plasma	hsa-miR-34a	235	113	122	44a, 44b, 42a	+ , + , -	0,051509691	Up
AD/HC	Brain	hsa-miR-378d	133	68	65	29a, 186a, 186b	- , + , +	0,053563267	Up

AD/HC	EVs	hsa-miR-19b-3p	136	61	75	215, 151, 50	-,-,+	0,054653105	Down
AD/HC	Brain	hsa-miR-369-5p	105	62	43	29a, 89a, 1	-,-,+	0,055645313	Down
AD/HC	EVs	hsa-miR-21-5p	89	38	51	132, 200, 151	-,-,+	0,056647841	Down
AD/HC	Brain	hsa-miR-376c	71	44	27	29a, 89a	-,-	0,058846018	Down
AD/HC	Brain	hsa-miR-214	58	33	25	1, 11f, 29a	+,+,+	0,058957949	Up
AD/HC	Brain	hsa-miR-582-5p	15	9	6	187a, 29a	-,-	0,061285282	Down
AD/HC	Brain	hsa-miR-29b	56	31	25	13, 17, 21, 29a, 11g	-,-,-,-,+	0,062606042	Down
AD/HC	Brain	hsa-miR-4286	52	27	25	163, 207, 29a	-,-,+	0,064052638	Down
AD/HC	EVs	hsa-miR-3065-5p	149	76	73	59, 142, 149a	-,-,+	0,065161892	Up
AD/HC	EVs	hsa-let-7e-5p	132	61	71	151, 215, 216a, 216b	-,-,+	0,065409405	Up
AD/HC	Brain	hsa-miR-140-3p	35	18	17	49a, 49b, 29a	-,-,+	0,067368403	Down
AD/HC	Blood	hsa-miR-30a-3p	144	84	60	27, 139	+, -	0,027958725	/
AD/HC	Brain	hsa-miR-1228	71	44	27	29a, 89a	+, +	0,069234702	Up
AD/HC	Blood	hsa-miR-16-2-3p	144	84	60	27, 139	-,-,	0,081937672	/
AD/HC	Blood	hsa-miR-107	76	51	25	27, 91	-,-,	0,171819089	/
AD/HC	Blood	hsa-miR-100-5p	181	61	120	139, 225a	-,-,	0,21031148	/
AD/HC	Blood	hsa-miR-221-3p	144	84	60	27, 139	-,-,	0,423416353	/
AD/HC	Blood	hsa-miR-26b-5p	76	51	25	27, 91	-,-,	0,885867788	/
AD/HC	EVs	hsa-miR-4454	99	51	48	215, 142	+, +	0,070034239	Up
AD/HC	CSF	hsa-miR-214	70	32	38	47, 11a	-,-,	0,07030562	Down
AD/HC	Brain	hsa-miR-3065-3p	20	11	9	187b, 29a	-,-,	0,070469501	Down
AD/HC	Brain	hsa-miR-96	24	15	9	11e, 29a	-,-,	0,070951608	Down
AD/HC	EVs	hsa-miR-328-3p	92	56	36	171, 215	-,-,	0,071525577	Down
AD/HC	Brain	hsa-miR-328	58	33	25	1, 11c, 29a	-,-,-	0,075262242	Down
AD/HC	CSF	hsa-miR-497	70	32	38	47, 11a	-,-,	0,07557132	Down
AD/HC	CSF	hsa-miR-181a	70	32	38	47, 11a	-,-,	0,079401129	Down
AD/HC	Brain	hsa-miR-656	41	23	18	1, 29a	-,-,	0,079958214	Down
AD/HC	Brain	hsa-miR-30e	13	8	5	29a, 49a	-,-,	0,082046579	Down
AD/HC	Brain	hsa-miR-411	61	34	27	162, 29a, 1	-,-,-,	0,082127707	Down
AD/HC	CSF	hsa-miR-125b	328	165	163	47, 42b, 26, 75, 99, 140a, 36c	-,-,-,+,-,+,-	0,082548034	Up
AD/HC	Brain	hsa-miR-186	105	62	43	1, 29a, 89a	-,-,-	0,086157351	Down
AD/HC	Brain	hsa-miR-1180-3p	142	71	71	186a, 209a, 186b	-,-,-,	0,088973375	Down
AD/HC	EVs	hsa-let-7b-5p	81	33	48	151, 215	-,-,	0,090262001	Down
AD/HC	Brain	hsa-miR-135b	74	41	33	1, 11e, 49a, 11c	-,-,-,-,	0,090629707	Down
AD/HC	Brain	hsa-miR-451	75	43	32	1, 11c, 11f, 29a	-,-,+,-,	0,091037719	Up
AD/HC	CSF	hsa-miR-146a	161	78	83	39d, 42b, 66a, 26, 47	-,-,-,-,+	0,091213476	Down
AD/HC	CSF	hsa-miR-494	70	32	38	47, 11a	+, +	0,093497893	Up
AD/HC	CSF	hsa-miR-532-3p	88	41	47	47, 52	-,-,	0,096228834	Down
AD/HC	EVs	hsa-miR-584-5p	99	51	48	215, 142	+, +	0,10209144	Up
AD/HC	CSF	hsa-miR-195	70	32	38	47, 11a	-,-,	0,102242753	Down
AD/HC	Brain	hsa-miR-146b-5p	13	8	5	29a, 49a	-,-,	0,102607654	Down
AD/HC	Plasma	hsa-miR-146a	60	30	30	102a, 42a, 102b	+, -,-,	0,105094503	Up
AD/HC	EVs	hsa-miR-409-3p	129	65	64	184a, 50, 233a, 215	-,-,+,-,	0,105162932	Up
AD/HC	Brain	hsa-let-7c	47	26	21	1, 29a, 49a	-,-,-,	0,110528561	Down
AD/HC	Brain	hsa-miR-765	36	18	18	51, 17, 187a	-,-,+	0,117244158	Up
AD/HC	Serum	hsa-miR-107	200	100	100	201, 41a	-,-,	0,000466491	/
AD/HC	Serum	hsa-miR-30e-5p	146	73	73	60, 41a	+, -	0,000548816	/
AD/HC	Brain	hsa-miR-128b	87	52	35	1, 20a, 20b, 11e	-,-,-,-,	0,117708667	Down

AD/HC	Brain	hsa-miR-20b	49	27	22	1, 17, 29a	-,-, +	0,125040568	Down
AD/HC	EVs	hsa-miR-24-3p	126	63	63	215, 59	-, -	0,125873723	Down
AD/HC	Brain	hsa-miR-455-5p	79	50	29	187a, 35, 29a	-, +, +	0,130048501	Up
AD/HC	Brain	hsa-miR-625	13	8	5	29a, 49a	+, +	0,130970198	Up
AD/HC	Brain	hsa-miR-491-5p	13	8	5	29a, 49a	-, -	0,135392532	Down
AD/HC	Brain	hsa-miR-133a	58	33	25	29a, 1, 11d	-, +, +	0,138761352	Up
AD/HC	Brain	hsa-miR-182	84	44	40	1, 106, 29a	-, -, -	0,13888488	Down
AD/HC	Serum	hsa-miR-27a-3p	157	75	82	243a, 41a	-, +	0,002808887	/
AD/HC	Brain	hsa-miR-491-3p	13	8	5	29a, 49a	-, -	0,139626338	Down
AD/HC	Brain	hsa-miR-326	41	23	18	1, 29a	+, +	0,144076366	Up
AD/HC	Serum	hsa-miR-331-3p	214	131	83	181, 191	-, +	0,023588998	/
AD/HC	Serum	hsa-miR-125a-3p	1424	1074	350	173, 46b	-, +	0,029265374	/
AD/HC	Brain	hsa-miR-589	13	8	5	29a, 49a	-, -	0,146076456	Down
AD/HC	Brain	hsa-let-7a	41	23	18	1, 29a	-, -	0,152549094	Down
AD/HC	Serum	hsa-miR-361-5p	146	73	73	60, 41a	+, -	0,052792583	/
AD/HC	Serum	hsa-miR-30c-2-3p	215	103	112	41a, 46b	-, +	0,139185727	/
AD/HC	Serum	hsa-miR-29a	269	112	157	43, 23a	+, -	0,181188513	/
AD/HC	Serum	hsa-miR-125b-1-3p	1424	1074	350	173, 46b	-, +	0,219102712	/
AD/HC	Serum	hsa-miR-106b-5p	152	79	73	60, 224	+, -	0,237979481	/
AD/HC	Serum	hsa-miR-148b-5p	235	140	95	84a, 84b	-, +	0,31295225	/
AD/HC	Serum	hsa-miR-146a	398	225	173	143, 53a	+, -	0,380836862	/
AD/HC	Serum	hsa-miR-1306-5p	146	73	73	60, 41a	+, -	0,450675206	/
AD/HC	Serum	hsa-miR-9	269	112	157	43, 23a	+, -	0,54836419	/
AD/HC	Serum	hsa-miR-144-5p	235	140	95	84a, 84b	+, -	0,670035873	/
AD/HC	Brain	hsa-miR-203	58	33	25	11d, 29a, 1	-, -, +	0,157487654	Down
AD/HC	EVs	hsa-miR-139-5p	298	150	148	59, 222a, 222b	-, +, +	0,158179556	Up
AD/HC	Brain	hsa-miR-224	75	43	32	1, 11d, 11e, 29a	-, +, +, +	0,170817762	Up
AD/HC	Brain	hsa-miR-99b-5p	142	71	71	186b, 209a, 186a	-, -, +	0,177624276	Down
AD/HC	Brain	hsa-miR-206	81	43	38	1, 11g, 24, 72, 187a, 49a	-, -, +, +, +, +	0,180374041	Up
AD/HC	Brain	hsa-miR-99b	58	33	25	11c, 1, 29a	-, +, +	0,184411439	Up
AD/HC	Brain	hsa-miR-192	58	33	25	1, 11e, 29a	-, -, +	0,18740289	Down
AD/HC	Brain	hsa-miR-30e-5p	158	77	81	1, 17, 187a, 72, 11c, 11g, 186a	-, -, -, +, +, +, +	0,196593813	Up
AD/HC	Brain	hsa-miR-142-3p	111	67	44	49a, 1, 35, 29a	-, +, +, +	0,202770953	Up
AD/HC	Brain	hsa-miR-449	68	38	30	11e, 1, 11c	-, +, +	0,21182243	Up
AD/HC	Brain	hsa-miR-33a	13	8	5	29a, 49a	-, -	0,219518539	Down
AD/HC	Plasma	hsa-miR-210-3p	209	118	91	73, 127a, 2a	-, +, +	0,219588695	Up
AD/HC	Brain	hsa-miR-19a	69	37	32	1, 193, 29a	-, +, +	0,232811268	Up
AD/HC	Brain	hsa-miR-31	58	33	25	11c, 29a, 1	-, -, +	0,260594376	Down
AD/HC	Brain	hsa-miR-20a	69	37	32	1, 193, 29a	-, +, +	0,266473131	Up
AD/HC	Brain	hsa-let-7g	81	46	35	1, 29a, 49a, 11b, 11c	-, -, -, +, +	0,270215502	Down
AD/HC	Brain	hsa-miR-874	13	8	5	29a, 49a	-, -	0,27169495	Down
AD/HC	Brain	hsa-miR-32	139	82	57	1, 11e, 89a, 11b, 29a	-, -, -, +, +	0,273081293	Down
AD/HC	Brain	hsa-miR-30e-3p	240	121	119	163, 187a, 187b, 1, 72, 11b, 186a, 186b	-, -, -, +, +, +, +, +	0,291528334	Up
AD/HC	Brain	hsa-miR-484	105	62	43	89a, 1, 29a	-, +, +	0,305912574	Up
AD/HC	Brain	hsa-miR-129-5p	151	93	58	35, 29a, 89a, 209a	-, -, -, +	0,311392737	Down
AD/HC	Brain	hsa-miR-127-3p	79	50	29	35, 29a, 187a	-, -, +	0,333005559	Down
AD/HC	Brain	hsa-miR-137	55	30	25	21, 1, 29a	-, +, +	0,343453815	Up
AD/HC	Brain	hsa-miR-10a	41	23	18	1, 29a	-, -	0,357145402	Down

AD/HC	Brain	hsa-miR-223	41	23	18	1, 29a	+, +	0,357149044	Up
AD/HC	Brain	hsa-miR-34b	47	26	21	1, 49a, 29a	-,-, +	0,364933845	Down
AD/HC	Brain	hsa-miR-148b	130	76	54	1, 17, 89a, 11d, 29a	-,-,-, +, +	0,374663485	Down
AD/HC	Brain	hsa-miR-142-5p	41	23	18	1, 29a	+, +	0,385435609	Up
AD/HC	Brain	hsa-miR-23b	86	46	40	1, 49a, 49b, 11g, 29a	-,-,-, +, +	0,391098697	Down
AD/HC	EVs	hsa-miR-125b-5p	395	199	196	222a, 222b, 215, 59, 114, 192a	-,-,-,-, +, +	0,401516501	Down
AD/HC	Brain	hsa-miR-23a	86	46	40	1, 49a, 49b, 11d, 29a	-,-,-, +, +	0,42300944	Down
AD/HC	Brain	hsa-miR-200b	105	62	43	1, 89a, 29a	-,-, +	0,425018886	Down
AD/HC	Brain	hsa-miR-211	41	23	18	1, 29a	+, +	0,425852961	Up
AD/HC	Brain	hsa-miR-421	133	68	65	186a, 186b, 29a	-,-, +, +	0,450323373	Up
AD/HC	Brain	hsa-miR-30b	70	38	32	1, 29a, 123	-,-, +	0,483864573	Down
AD/HC	Brain	hsa-miR-93	58	33	25	11b, 1, 29a	-,-, +, +	0,511892984	Up
AD/HC	Brain	hsa-miR-95-3p	134	67	67	186b, 187a, 186a	-,-, +	0,527821054	Down
AD/HC	Brain	hsa-miR-148b-3p	134	67	67	186b, 187a, 186a	-,-, +	0,536044234	Down
AD/HC	Brain	hsa-miR-29a	72	40	32	21, 1, 11g, 29a	-,-, +, +, +	0,538372772	Up
AD/HC	Brain	hsa-let-7d	86	46	40	1, 29a, 49a, 49b, 11c	-,-,-,-, +	0,569385018	Down
AD/HC	Brain	hsa-miR-134	83	47	36	11d, 11e, 29a, 1, 17	-,-,-,-, +, +	0,571777081	Down
AD/HC	Brain	hsa-miR-140-5p	56	29	27	49a, 106, 29a	-,-, +, +	0,576495916	Up
AD/HC	Brain	hsa-miR-197	58	33	25	1, 11e, 29a	-,-, +, +	0,578525908	Up
AD/HC	Brain	hsa-miR-200a	105	62	43	89a, 1, 29a	-,-, +, +	0,588015879	Up
AD/HC	EVs	hsa-miR-30e-5p	115	59	56	216a, 215, 142	-,-, +, +	0,594646189	Up
AD/HC	Brain	hsa-miR-497	139	82	57	1, 29a, 89a, 11d, 11g	-,-,-,-, +, +	0,601063408	Down
AD/HC	Brain	hsa-miR-488	41	23	18	1, 29a	-,-, -	0,620052295	Down
AD/HC	Brain	hsa-miR-155	109	62	47	1, 11e, 29a, 31, 110	-,-,-,-, +, +	0,674691927	Down
AD/HC	Serum	hsa-miR-181c-3p	335	190	145	41a, 84a, 84b	+, -, -	0,678879102	Down
AD/HC	Brain	hsa-miR-101	59	32	27	17, 1, 11c	-,-, +, +	0,685703512	Up
AD/HC	Brain	hsa-miR-425-5p	118	69	49	1, 35, 147a	-,-,-, +	0,706950151	Down
AD/HC	CSF	hsa-miR-30a-3p	169	82	87	47, 55, 11a	-,-,-, +	0,732179376	Down
AD/HC	Brain	hsa-miR-15a	66	37	29	17, 1, 11c, 29a	-,-, +, +, +	0,73353858	Up
AD/HC	Brain	hsa-miR-106b	74	41	33	1, 79, 49a, 11c, 29a	-,-,-,-, +, +	0,790621005	Down
AD/HC	Brain	hsa-miR-30c	145	85	60	1, 11c, 29a, 49a, 11d, 89a	-,-,-,-,-, +, +	0,812949843	Down
AD/HC	Brain	hsa-miR-486-5p	79	48	31	29a, 89a, 187a	-,-,-, +	0,816863647	Down
AD/HC	Brain	hsa-let-7f	58	33	25	1, 29a, 11d	-,-,-, +	0,820875379	Down
AD/HC	CSF	hsa-miR-34a	82	38	44	42b, 47, 26	-,-, +, +	0,824819028	Up
AD/HC	Brain	hsa-miR-126-5p	134	67	67	186b, 187a, 186a	-,-,-, +	0,82729402	Down
AD/HC	Brain	hsa-miR-454-3p	134	67	67	186b, 187a, 186a	-,-,-, +	0,827693509	Down
AD/HC	Brain	hsa-miR-135a	64	36	28	1, 29a, 49a, 11c	-,-,-,-, +	0,866042776	Down
AD/HC	CSF	hsa-miR-135a	80	37	43	47, 11a, 38d	+, +, -	0,894852346	Up
AD/HC	EVs	hsa-miR-375-3p	96	48	48	192b, 192a	-,-, +	0,145881755	/
AD/HC	Brain	hsa-miR-194	101	54	47	11g, 1, 106, 29a	-,-, +, +, +	0,896686196	Up
AD/HC	EVs	hsa-miR-432-5p	18	9	9	184a, 233a	-,-, +	0,221262285	/
AD/HC	EVs	hsa-miR-30a-5p	117	51	66	215, 136	-,-, +	0,242135298	/
AD/HC	EVs	hsa-miR-142-3p	84	37	47	165a, 215	-,-, +	0,243467916	/
AD/HC	EVs	hsa-miR-191-5p	99	51	48	142, 215	-,-, +	0,339344915	/
AD/HC	Brain	hsa-miR-200c	68	38	30	1, 11d, 11c	-,-,-, +	0,929630305	Down
AD/HC	EVs	hsa-miR-99b-5p	72	36	36	216a, 215	-,-, +	0,428327455	/
AD/HC	EVs	hsa-miR-543	18	9	9	184a, 233a	-,-, +	0,559220667	/
AD/HC	EVs	hsa-miR-320e	41	13	28	151, 192a	-,-, +	0,588502362	/

AD/HC	Brain	hsa-miR-21	86	46	40	1, 49a, 49b, 11c, 29a	- , - , - , + , +	0,93783317	Down
AD/HC	EVs	hsa-miR-132-3p	103	44	59	135c, 215	- , +	0,624045276	/
AD/HC	EVs	hsa-miR-197-5p	265	125	140	151, 174	- , +	0,652525418	/
AD/HC	EVs	hsa-miR-100-5p	72	36	36	216a, 215	- , +	0,771413352	/
AD/HC	EVs	hsa-miR-191-3p	64	28	36	151, 200	- , +	0,779290188	/
AD/HC	EVs	hsa-miR-331-3p	99	51	48	142, 215	- , +	0,846253009	/
AD/HC	EVs	hsa-miR-484	59	31	28	142, 216a	- , +	0,850897589	/
AD/HC	EVs	hsa-miR-378i	41	13	28	216a, 151	- , +	0,897758547	/
AD/HC	EVs	hsa-miR-223-3p	180	85	95	165a, 192a, 215, 156	- , - , + , +	0,906343637	/
AD/HC	EVs	hsa-miR-146a-5p	109	42	67	165a, 215, 151	- , + , +	0,957277534	Up
AD/HC	EVs	hsa-miR-151a-5p	64	28	36	200, 151	- , +	0,979859101	/
AD/HC	EVs	hsa-miR-378e	99	51	48	142, 215	- , +	0,982692914	/
AD/HC	EVs	hsa-miR-338-3p	109	58	51	59, 200	- , +	0,985818923	/

Supplementary Information 6b

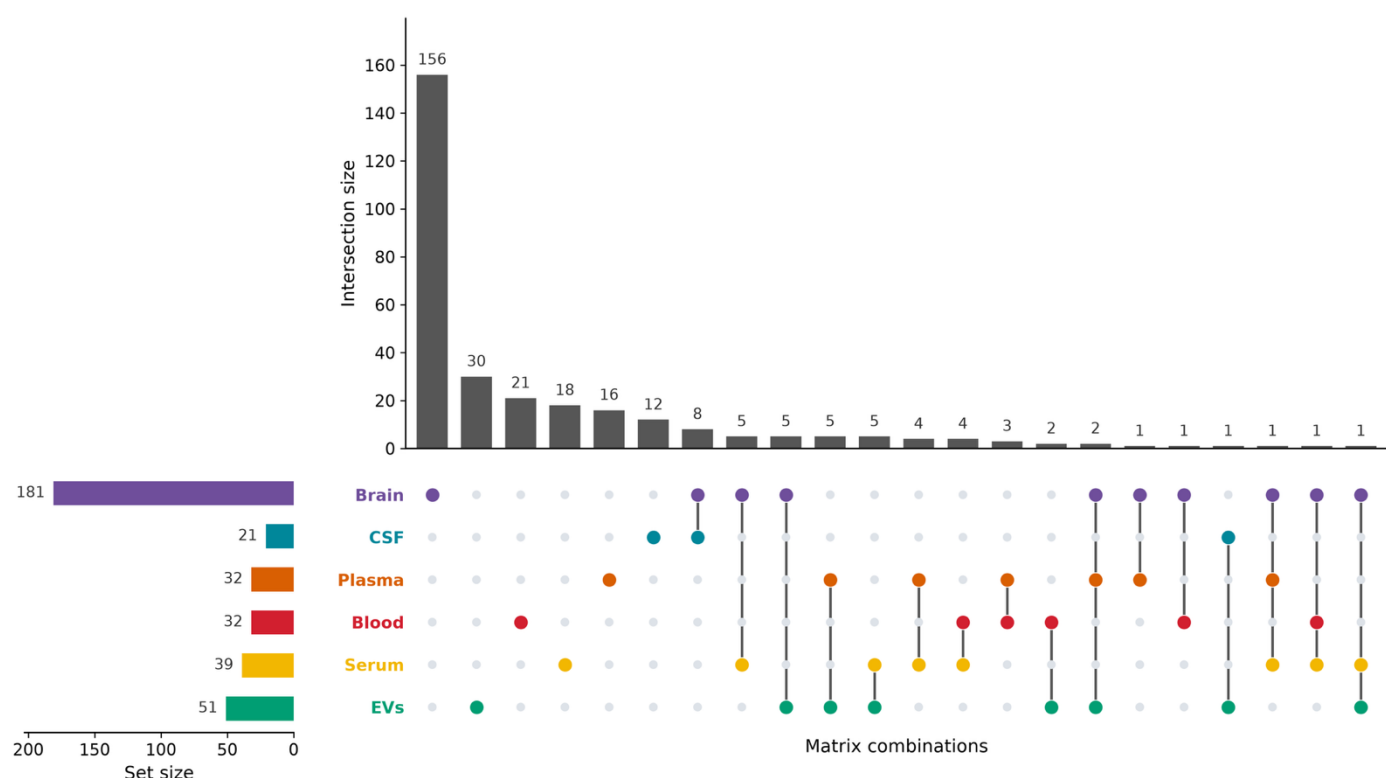
List of all the meta-analysed miRNAs for the MCI/HC comparison

Comparison	Matrix	miRNA	# Total	# MCI	# HC	#Dataset	Specific expression	Meta P-value	Overall Expression	miRNAs with / miRNA non significant	
MCI/HC	Plasma	hsa-miR-483-5p	164	89	75	205b, 205d, 87b, 87d	+, +, +, +	7,23248E-08	Up		
MCI/HC	EVs	hsa-miR-384	484	196	288	223b, 223d, 104b	+, +, +	1,07654E-07	Up	miRNAs with / miRNA non significant	2
MCI/HC	EVs	hsa-miR-29c-3p	236	156	80	228b, 228d	+, +	8,54312E-07	Up		3
MCI/HC	Brain	hsa-miR-124-3p	29	15	14	96d, 96a	-, +	0,737128476	/		
MCI/HC	Brain	hsa-miR-26b	30	16	14	34a, 34b	+, +	1,50375E-06	Up		
MCI/HC	Brain	hsa-miR-143-3p	38	22	16	96a, 96b	+, +	3,26336E-06	Up		
MCI/HC	Plasma	hsa-miR-1909-3p	40	25	15	172a, 172b	-, -	1,06155E-05	Down		
MCI/HC	Plasma	hsa-miR-142-3p	147	81	66	205b, 205d, 87b	-, -, -	2,56741E-05	Down		
MCI/HC	Plasma	hsa-miR-486-5p	93	44	49	205b, 87d	+, +	5,20608E-05	Up		
MCI/HC	Plasma	hsa-miR-22-5p	40	25	15	172a, 172b	-, -	8,8231E-05	Down		
MCI/HC	Plasma	hsa-miR-1185-2-3p	40	25	15	172a, 172b	-, -	0,00011363	Down		
MCI/HC	Plasma	hsa-miR-148a-3p	134	74	60	205b, 205d	+, +	0,001525323	Up		
MCI/HC	Plasma	hsa-miR-200a-3p	30	15	15	87b, 87d	+, +	0,001525323	Up		
MCI/HC	Plasma	hsa-miR-324-5p	134	74	60	205b, 205d	-, -	0,001525323	Down		
MCI/HC	Plasma	hsa-miR-210-3p	113	77	36	127b, 2b	+, +	0,001674461	Up		
MCI/HC	Plasma	hsa-miR-134-3p	40	25	15	172a, 172b	-, -	0,001897411	Down		
MCI/HC	Plasma	hsa-miR-186-5p	134	74	60	205d, 205b	-, +	1	/		
MCI/HC	Brain	hsa-miR-132	54	26	28	34a, 49c, 120b	-, -, +	0,046781319	Down		
MCI/HC	EVs	hsa-miR-193b	503	209	294	104b, 175e, 175b	-, +, +	0,103174545	Up		
MCI/HC	Plasma	hsa-miR-885-5p	184	99	85	245, 205b, 205d	-, +, +	0,1956397	Up		

Supplementary Information 6c

List of all the meta-analysed miRNAs for the AD/MCI comparison

Comparison	Matrix	miRNA	# Total	# AD	# MCI	#Dataset	Specific expression	Meta P-value	Overall Expression		
AD/MCI	Brain	hsa-miR-132	43	23	20	120c, 70b	+, -	0,38083686	/	miRNAs with /	1
AD/MCI	EVs	hsa-miR-193b	302	158	144	104c, 37b, 175f, 175c	-, +, +, +	0,05836562	Up	miRNA non significant	2



SI7. UpSet plot of significant miRNAs in the AD/HC comparison across biological matrices. The plot shows the distribution and overlap of miRNAs significantly dysregulated in AD compared with healthy controls across brain, CSF, plasma, whole blood, serum, and extracellular vesicles. Left horizontal bars indicate the total number of significant miRNAs identified in each matrix. Upper vertical bars indicate the size of each matrix intersection, while connected dots indicate the corresponding matrix combination. Data were derived from SI6a and include miRNAs with Meta P-value < 0.05 and a defined overall expression direction.

Supplementary Information 8

List of miRNAs introduced in the functional Over-representation analysis

AD/HC						MCI/HC		
Brain	Plasma	CSF	Blood	Serum	EVs	Brain	Plasma	EVs
hsa-miR-3613-3p	hsa-let-7d-5p	hsa-miR-9-5p	hsa-miR-30d-5p	hsa-miR-191-5p	hsa-miR-767-3p	hsa-miR-26b	hsa-miR-483-5p	hsa-miR-29c-3p
hsa-miR-132-3p	hsa-let-7g-5p	hsa-miR-29a	hsa-miR-4781-3p	hsa-let-7d-5p	hsa-miR-342-3p	hsa-miR-143-3p	hsa-miR-1909-3p	hsa-miR-384
hsa-miR-185-5p	hsa-miR-200a-3p	hsa-miR-433	hsa-miR-144-5p	hsa-miR-483-3p	hsa-miR-7856-5p	hsa-miR-132	hsa-miR-142-3p	
hsa-miR-132-5p	hsa-miR-34c	hsa-miR-451	hsa-miR-151a-3p	hsa-miR-885-5p	hsa-miR-384		hsa-miR-486-5p	
hsa-miR-212	hsa-miR-191-5p	hsa-miR-29c	hsa-let-7f-5p	hsa-miR-98-5p	hsa-miR-93-5p		hsa-miR-22-5p	
hsa-miR-132	hsa-miR-142-3p	hsa-miR-598	hsa-miR-532-5p	hsa-miR-125b	hsa-miR-579-5p		hsa-miR-1185-2-3p	
hsa-miR-129-2-3p	hsa-miR-103a-3p	hsa-miR-139-5p	hsa-miR-26b-3p	hsa-miR-22-3p	hsa-miR-424-5p		hsa-miR-148a-3p	
hsa-miR-212-5p	hsa-miR-139-3p	hsa-miR-874	hsa-miR-148b-5p	hsa-miR-127-3p	hsa-miR-29c-3p		hsa-miR-200a-3p	
hsa-miR-423-3p	hsa-miR-451a-5p	hsa-miR-222	hsa-miR-550a-5p	hsa-miR-21-5p	hsa-miR-29c-5p		hsa-miR-324-5p	
hsa-miR-139-5p	hsa-miR-101-3p	hsa-miR-193a-5p	hsa-miR-5001-3p	hsa-miR-223-3p	hsa-miR-3152-3p		hsa-miR-210-3p	
hsa-miR-146b	hsa-miR-15b-5p	hsa-miR-30d	hsa-miR-1468	hsa-miR-24-3p	hsa-miR-22-3p		hsa-miR-134-3p	
RNU6B	hsa-miR-485-5p	hsa-miR-186	hsa-miR-26a-5p	hsa-miR-342-3p	hsa-miR-378a-3p			
hsa-miR-34a	hsa-miR-146a-5p	hsa-miR-1291	hsa-let-7e-5p	hsa-miR-125b-5p	hsa-miR-335-5p			
hsa-miR-125b	hsa-miR-483-5p	hsa-miR-32	hsa-miR-425-5p	hsa-miR-106b-3p	hsa-miR-1306-5p			
hsa-miR-2110	hsa-miR-545-3p	hsa-miR-143	hsa-miR-30c-5p	hsa-miR-501-3p	hsa-miR-143-3p			
hsa-miR-103	hsa-miR-107	hsa-miR-204	hsa-miR-186-5p	hsa-miR-122-5p	hsa-miR-483-3p			
hsa-miR-212-3p	hsa-miR-143-3p	hsa-miR-10a	hsa-miR-28-3p	hsa-miR-181c	hsa-miR-138-5p			
hsa-miR-935	hsa-miR-10a-5p	hsa-miR-345	hsa-let-7a-5p	hsa-miR-6119-5p	hsa-miR-451a			
hsa-let-7f-5p	hsa-miR-185-5p	hsa-miR-127	hsa-miR-29b-3p	hsa-miR-223	hsa-miR-1180-3p			
hsa-miR-485-5p	hsa-miR-301a-3p	hsa-miR-126	hsa-let-7g-5p	hsa-miR-23a	hsa-miR-204-5p			
hsa-miR-501-3p	hsa-miR-106b-5p	hsa-miR-155	hsa-miR-15a-5p	hsa-miR-660-5p	hsa-miR-30b-5p			
hsa-miR-107	hsa-miR-26b-5p		hsa-miR-660-5p	hsa-miR-1246	hsa-miR-23b-3p			
hsa-miR-885-5p	hsa-miR-933		hsa-miR-148a-3p	hsa-miR-148a-3p	hsa-miR-106b-5p			
hsa-miR-126	hsa-miR-144-3p		hsa-miR-1294	hsa-miR-126-5p	hsa-miR-15a-5p			
hsa-miR-16	hsa-miR-6798-3p		hsa-miR-378d	hsa-miR-26a-5p	hsa-miR-323b-3p			
hsa-miR-181c	hsa-miR-30b-5p		hsa-miR-17-3p	hsa-miR-93-5p	hsa-miR-126-3p			
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hsa-miR-433-3p	hsa-miR-18a-5p		hsa-miR-146b-5p	hsa-miR-497-5p	hsa-miR-342-5p			
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SNORD48				hsa-miR-19b-3p	hsa-miR-9-5p			
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hsa-miR-762				hsa-miR-29c-3p	hsa-miR-197-3p			
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hsa-miR-617				hsa-let-7f-5p	hsa-miR-22-5p			

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hsa-miR-4446-3p
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hsa-miR-15b
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hsa-miR-487b
hsa-miR-27a
hsa-miR-500a-3p
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SNORD44

hsa-miR-29b

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hsa-miR-138
hsa-miR-204
hsa-miR-374
hsa-miR-138-5p
hsa-miR-124
hsa-miR-148a

Supplementary Information 9

List of functions

Comparison	Matrix	Function	Count	P-value	-LOG10(P-value)
AD/HC	Brain	Apoptosis	47	3,33E-23	22,478
AD/HC	Brain	Cell Death	42	6,07E-25	24,217
AD/HC	Brain	Cell Proliferation	34	5,3E-16	15,276
AD/HC	Brain	Hematopoiesis	24	2,28E-11	10,642
AD/HC	Brain	Epithelial-to-Mesenchymal Transition	26	6,9E-09	8,161
AD/HC	Brain	Adipogenesis	8	2,42E-04	3,616
AD/HC	Brain	Inflammation	54	3,2E-29	28,495
AD/HC	Brain	Immune Response	44	2,33E-23	22,633
AD/HC	Brain	Regulation of Stem Cell	38	3,18E-20	19,498
AD/HC	Brain	Cell Cycle	38	2,88E-19	18,541
AD/HC	Brain	Hormone-mediated Signaling Pathway	31	2,92E-18	17,535
AD/HC	Brain	Angiogenesis	31	2,17E-16	15,664
AD/HC	Brain	Cell Differentiation	26	1,74E-13	12,759
AD/HC	Brain	Brain Development	15	2,05E-07	6,688
AD/HC	Brain	Lipid Metabolism	18	2,43E-08	7,614
AD/HC	Brain	Nephrotoxicity	5	0,0168	1,775
AD/HC	Brain	Cell Motility	11	5,62E-07	6,25
AD/HC	Brain	Aging	29	7,63E-15	14,117
AD/HC	Brain	Innate Immunity	18	6,44E-09	8,191
AD/HC	Brain	Adipocyte Differentiation	15	1,53E-06	5,815
AD/HC	Brain	Osteogenesis	25	6,98E-12	11,156
AD/HC	Brain	Neuron Apoptosis	9	1,41E-06	5,851
AD/HC	Brain	DNA Damage Response	8	3,44E-05	4,463
AD/HC	Brain	Vascular Homeostasis	7	3,02E-05	4,52
AD/HC	Brain	Response to Hypoxia	6	3,60E-04	3,444
AD/HC	Brain	DNA Damage Repair	7	0,00108	2,967
AD/HC	Brain	Regulation of Akt Pathway	10	5,78E-05	4,238

AD/HC	Brain	Neurotoxicity	10	3,32E-06	5,479
AD/HC	Brain	Toxicity	12	5,39E-05	4,268
AD/HC	Brain	T-Cell Differentiation	7	3,15E-04	3,502
AD/HC	Brain	Vascular Inflammation	10	8,22E-08	7,085
AD/HC	Brain	Embryonic Stem Cell Differentiation	9	0,0015	2,824
AD/HC	Brain	Cell Adhesion	2	0,1688	0,773
AD/HC	Brain	Oxidative Stress	4	0,0101	1,996
AD/HC	Brain	Glucose Metabolism	12	2,57E-06	5,59
AD/HC	Brain	Cell Division	9	5,81E-06	5,236
AD/HC	Brain	Stress Response	2	0,0464	1,333
AD/HC	Brain	Cholesterol Efflux	5	0,0095	2,022
AD/HC	Brain	Cell Growth	3	8,16E-04	3,088
AD/HC	Brain	Neuron Differentiation	7	1,11E-04	3,955
AD/HC	Brain	Insulin Resistance	9	1,07E-05	4,971
AD/HC	Brain	Regulation of Nf-Kb Pathway	4	0,0021	2,678
AD/HC	Brain	Smooth Muscle Cell Senescence	2	0,00878	2,057
AD/HC	Brain	Response to Cytokine	2	0,0726	1,139
AD/HC	Brain	T-Cell Activation	1	0,5466	0,262
AD/HC	Brain	Natural Killer Cell Activation	1	0,3898	0,409
AD/HC	Brain	Cholesterol Homeostasis	4	0,0065	2,187
AD/HC	Brain	Autophagy	4	3,89E-03	2,41
AD/HC	Brain	Endocytosis	4	3,89E-03	2,41
AD/HC	Brain	Cellular Senescence	3	0,0215	1,668
AD/HC	Brain	Cholesterol Metabolism	3	0,032	1,495
AD/HC	Brain	Intercell Communication	2	8,78E-03	2,057
AD/HC	Brain	Regulation of Wnt Signaling Pathway	3	0,0132	1,879
AD/HC	Brain	Chromatin Remodeling	2	0,1346	0,871
AD/HC	Brain	Chemotaxis	1	0,2564	0,591
AD/HC	Brain	Dendritic Cell Differentiation	1	0,3264	0,486
AD/HC	Brain	Response to Estrogen	3	0,032	1,495
AD/HC	Brain	Neural Stem Cell Differentiation	3	0,0132	1,879

AD/HC	Brain	Cholesterol Influx	2	8,78E-03	2,057
AD/HC	Brain	Cholesterol Esterification	2	8,78E-03	2,057
AD/HC	Brain	Cytokine Secretion	2	8,78E-03	2,057
AD/HC	Brain	Cholesterol Hydrolysis	2	8,78E-03	2,057
AD/HC	Brain	Neuron Development	3	0,0597	1,224
AD/HC	Brain	Toll-Like Receptor Signaling Pathway	3	0,0132	1,879
AD/HC	Brain	Cardiomyocyte Differentiation	1	0,2564	0,591
AD/HC	Brain	Actin Filament Network Formation	1	0,2564	0,591
MCI/HC	Brain	Apoptosis	3	2,07E-04	3,684
MCI/HC	Brain	Cell Death	1	0,1261	0,899
MCI/HC	Brain	Cell Proliferation	1	0,1291	0,889
MCI/HC	Brain	Hematopoiesis	1	0,0932	1,031
MCI/HC	Brain	Epithelial-to-Mesenchymal Transition	2	0,00627	2,203
MCI/HC	Brain	Adipogenesis	1	0,0334	1,476
MCI/HC	Brain	Inflammation	2	0,0113	1,947
MCI/HC	Brain	Immune Response	2	0,00769	2,114
MCI/HC	Brain	Regulation of Stem Cell	3	8,47E-05	4,072
MCI/HC	Brain	Cell Cycle	1	0,1338	0,874
MCI/HC	Brain	Hormone-mediated Signaling Pathway	1	0,0948	1,023
MCI/HC	Brain	Angiogenesis	1	0,1058	0,976
MCI/HC	Brain	Cell Differentiation	1	0,0916	1,038
MCI/HC	Brain	Lipid Metabolism	1	0,0741	1,13
MCI/HC	Brain	Cell Motility	1	0,0351	1,455
MCI/HC	Brain	Adipocyte Differentiation	2	0,00154	2,812
MCI/HC	Brain	Osteogenesis	1	0,0964	1,016
MCI/HC	Brain	DNA Damage Response	1	0,0268	1,572
MCI/HC	Brain	Vascular Homeostasis	1	0,0201	1,697
MCI/HC	Brain	Response to Hypoxia	1	0,0201	1,697
MCI/HC	Brain	DNA Damage Repair	1	0,0318	1,498
MCI/HC	Brain	Regulation of Akt Pathway	1	0,0433	1,364
MCI/HC	Brain	Neurotoxicity	1	0,0334	1,476

MCI/HC	Brain	Stress Response	1	0,00674	2,171
MCI/HC	Brain	Cell Growth	2	5,70E-06	5,244
MCI/HC	Brain	Smooth Muscle Cell Senescence	1	0,00337	2,472
MCI/HC	Brain	Chromatin Remodeling	1	0,0118	1,928
MCI/HC	Brain	Neuron Development	1	0,0168	1,775
AD/HC	EVs	Apoptosis	23	2,41E-16	15,618
AD/HC	EVs	Cell Death	8	0,00124	2,907
AD/HC	EVs	Cell Proliferation	15	1,27E-09	8,896
AD/HC	EVs	Hematopoiesis	13	1,55E-09	8,81
AD/HC	EVs	Epithelial-to-Mesenchymal Transition	9	3,89E-04	3,41
AD/HC	EVs	Adipogenesis	2	0,109	0,963
AD/HC	EVs	Inflammation	22	1,34E-14	13,873
AD/HC	EVs	Immune Response	17	9,34E-11	10,03
AD/HC	EVs	Regulation of Stem Cell	16	8,88E-11	10,052
AD/HC	EVs	Cell Cycle	15	2,19E-09	8,66
AD/HC	EVs	Hormone-mediated Signaling Pathway	13	1,95E-09	8,71
AD/HC	EVs	Angiogenesis	14	7,26E-10	9,139
AD/HC	EVs	Cell Differentiation	11	1,83E-07	6,738
AD/HC	EVs	Brain Development	9	3,09E-07	6,51
AD/HC	EVs	Lipid Metabolism	10	2,09E-07	6,68
AD/HC	EVs	Nephrotoxicity	3	0,0112	1,951
AD/HC	EVs	Cell Motility	6	1,54E-05	4,812
AD/HC	EVs	Aging	12	6,58E-08	7,182
AD/HC	EVs	Innate Immunity	3	0,1149	0,94
AD/HC	EVs	Adipocyte Differentiation	9	1,03E-06	5,987
AD/HC	EVs	Osteogenesis	10	3,05E-06	5,516
AD/HC	EVs	Neuron Apoptosis	5	3,70E-05	4,432
AD/HC	EVs	DNA Damage Response	4	8,23E-04	3,085
AD/HC	EVs	Vascular Homeostasis	5	1,04E-05	4,983
AD/HC	EVs	Response to Hypoxia	5	1,04E-05	4,983
AD/HC	EVs	DNA Damage Repair	2	0,0999	1

AD/HC	EVs	Regulation of Akt Pathway	3	0,0356	1,449
AD/HC	EVs	Neurotoxicity	1	0,4406	0,356
AD/HC	EVs	Toxicity	4	0,0175	1,757
AD/HC	EVs	T-Cell Differentiation	2	0,074	1,131
AD/HC	EVs	Vascular Inflammation	3	0,00777	2,11
AD/HC	EVs	Embryonic Stem Cell Differentiation	5	0,00148	2,83
AD/HC	EVs	Oxidative Stress	1	0,2515	0,599
AD/HC	EVs	Glucose Metabolism	4	0,0072	2,143
AD/HC	EVs	Cell Division	3	0,0112	1,951
AD/HC	EVs	Cholesterol Efflux	3	0,00777	2,11
AD/HC	EVs	Neuron Differentiation	3	0,00634	2,198
AD/HC	EVs	Insulin Resistance	3	0,0131	1,883
MCI/HC	EVs	Apoptosis	1	0,1171	0,931
MCI/HC	EVs	Cell Death	1	0,0869	1,061
MCI/HC	EVs	Cell Proliferation	1	0,0891	1,05
MCI/HC	EVs	Hematopoiesis	1	0,0639	1,194
MCI/HC	EVs	Epithelial-to-Mesenchymal Transition	1	0,0923	1,035
MCI/HC	EVs	Adipogenesis	1	0,0227	1,644
MCI/HC	EVs	Brain Development	1	0,0406	1,391
MCI/HC	EVs	Lipid Metabolism	1	0,0506	1,296
MCI/HC	EVs	Nephrotoxicity	1	0,0193	1,714
MCI/HC	EVs	Neuron Apoptosis	1	0,017	1,77
MCI/HC	EVs	Cell Adhesion	1	9,09E-03	2,041
MCI/HC	EVs	Stress Response	1	4,55E-03	2,342
MCI/HC	EVs	Cellular Senescence	1	7,96E-03	2,099
AD/HC	Plasma	Apoptosis	14	1,85E-09	8,733
AD/HC	Plasma	Cell Death	6	0,00315	2,502
AD/HC	Plasma	Cell Proliferation	8	9,04E-05	4,044
AD/HC	Plasma	Hematopoiesis	7	7,11E-05	4,148
AD/HC	Plasma	Epithelial-to-Mesenchymal Transition	12	1,32E-08	7,879
AD/HC	Plasma	Adipogenesis	2	0,0556	1,255

AD/HC	Plasma	Inflammation	13	4,35E-08	7,362
AD/HC	Plasma	Immune Response	13	3,61E-09	8,442
AD/HC	Plasma	Regulation of Stem Cell	12	7,32E-09	8,135
AD/HC	Plasma	Cell Cycle	11	1,60E-07	6,796
AD/HC	Plasma	Hormone-mediated Signaling Pathway	5	0,00441	2,356
AD/HC	Plasma	Angiogenesis	3	0,1285	0,891
AD/HC	Plasma	Cell Differentiation	6	0,00054	3,268
AD/HC	Plasma	Brain Development	5	0,000493	3,307
AD/HC	Plasma	Lipid Metabolism	5	0,00141	2,851
AD/HC	Plasma	Nephrotoxicity	3	0,00375	2,426
AD/HC	Plasma	Cell Motility	3	0,00695	2,158
AD/HC	Plasma	Aging	8	1,52E-05	4,818
AD/HC	Plasma	Innate Immunity	5	0,00102	2,991
AD/HC	Plasma	Adipocyte Differentiation	7	7,53E-06	5,123
AD/HC	Plasma	Osteogenesis	3	0,1033	0,986
AD/HC	Plasma	Neuron Apoptosis	2	0,0326	1,487
AD/HC	Plasma	DNA Damage Response	6	2,32E-07	6,635
AD/HC	Plasma	Vascular Homeostasis	1	0,2097	0,678
AD/HC	Plasma	Response to Hypoxia	3	0,0013	2,886
AD/HC	Plasma	DNA Damage Repair	4	0,00037	3,432
AD/HC	Plasma	Regulation of Akt Pathway	2	0,0886	1,053
AD/HC	Plasma	Neurotoxicity	1	0,3251	0,488
AD/HC	Plasma	Toxicity	6	4,28E-05	4,369
AD/HC	Plasma	T-Cell Differentiation	6	2,32E-07	6,635
AD/HC	Plasma	Vascular Inflammation	2	0,0326	1,487
AD/HC	Plasma	Embryonic Stem Cell Differentiation	3	0,0206	1,686
AD/HC	Plasma	Cell Adhesion	1	0,1451	0,838
AD/HC	Plasma	Oxidative Stress	1	0,178	0,75
AD/HC	Plasma	Glucose Metabolism	3	0,0156	1,807
AD/HC	Plasma	Cell Division	4	2,34E-04	3,631
AD/HC	Plasma	Stress Response	1	0,0753	1,123

AD/HC	Plasma	Cholesterol Efflux	1	0,2551	0,593
AD/HC	Plasma	Cell Growth	1	0,057	1,244
AD/HC	Plasma	Regulation of Nf-Kb Pathway	1	0,1281	0,892
AD/HC	Plasma	Smooth Muscle Cell Senescence	1	0,0384	1,416
AD/HC	Plasma	T-Cell Activation	3	3,48E-04	3,458
AD/HC	Plasma	Natural Killer Cell Activation	1	0,0932	1,031
AD/HC	Plasma	Cholesterol Homeostasis	2	0,012	1,921
AD/HC	Plasma	Autophagy	3	3,48E-04	3,458
AD/HC	Plasma	Endocytosis	3	3,48E-04	3,458
AD/HC	Plasma	Regulation of Wnt Signaling Pathway	1	0,1108	0,955
AD/HC	Plasma	Type II Pneumocyte Differentiation	1	0,0753	1,123
AD/HC	Plasma	Chemotaxis	1	0,057	1,244
AD/HC	Plasma	Dendritic Cell Differentiation	1	0,0753	1,123
AD/HC	Plasma	Response to Estrogen	1	0,1451	0,838
AD/HC	Plasma	Cholesterol Influx	1	0,0384	1,416
AD/HC	Plasma	Cholesterol Esterification	1	0,0384	1,416
AD/HC	Plasma	Cytokine Secretion	1	0,0384	1,416
AD/HC	Plasma	Cholesterol Hydrolysis	1	0,0384	1,416
AD/HC	Plasma	Toll-Like Receptor Signaling Pathway	1	0,1108	0,955
AD/HC	Plasma	Actin Filament Network Formation	1	0,057	1,244
MCI/HC	Plasma	Apoptosis	2	0,1607	0,794
MCI/HC	Plasma	Cell Death	2	0,0964	1,016
MCI/HC	Plasma	Cell Proliferation	3	0,0149	1,827
MCI/HC	Plasma	Hematopoiesis	4	0,000407	3,39
MCI/HC	Plasma	Epithelial-to-Mesenchymal Transition	4	0,00172	2,764
MCI/HC	Plasma	Adipogenesis	1	0,1288	0,89
MCI/HC	Plasma	Inflammation	5	0,000533	3,273
MCI/HC	Plasma	Immune Response	5	0,00021	3,678
MCI/HC	Plasma	Regulation of Stem Cell	5	0,0001	4
MCI/HC	Plasma	Cell Cycle	1	0,4417	0,355
MCI/HC	Plasma	Hormone-mediated Signaling Pathway	1	0,3326	0,478

MCI/HC	Plasma	Angiogenesis	5	0,0000386	4,413
MCI/HC	Plasma	Cell Differentiation	1	0,3231	0,491
MCI/HC	Plasma	Brain Development	1	0,2207	0,656
MCI/HC	Plasma	Nephrotoxicity	1	0,1105	0,957
MCI/HC	Plasma	Cell Motility	1	0,1348	0,87
MCI/HC	Plasma	Aging	2	0,0663	1,178
MCI/HC	Plasma	Innate Immunity	1	0,2528	0,597
MCI/HC	Plasma	Response to Hypoxia	1	0,0792	1,101
MCI/HC	Plasma	DNA Damage Repair	2	0,00687	2,163
MCI/HC	Plasma	Neurotoxicity	2	0,0076	2,119
MCI/HC	Plasma	Cell Adhesion	1	0,0535	1,272
MCI/HC	Plasma	Cholesterol Efflux	2	0,00428	2,369
MCI/HC	Plasma	Response to Cytokine	1	0,0337	1,472
MCI/HC	Plasma	Cholesterol Metabolism	2	0,00117	2,932
MCI/HC	Plasma	Regulation of Wnt Signaling Pathway	1	0,0404	1,394
MCI/HC	Plasma	Type II Pneumocyte Differentiation	1	0,0271	1,567
MCI/HC	Plasma	Chemotaxis	1	0,0204	1,69
MCI/HC	Plasma	Dendritic Cell Differentiation	1	0,0271	1,567
AD/HC	Serum	Apoptosis	20	6,59E-15	14,181
AD/HC	Serum	Cell Death	18	5,52E-15	14,258
AD/HC	Serum	Cell Proliferation	14	6,93E-10	9,159
AD/HC	Serum	Hematopoiesis	9	0,00000329	5,483
AD/HC	Serum	Epithelial-to-Mesenchymal Transition	10	0,0000109	4,963
AD/HC	Serum	Adipogenesis	8	4,45E-09	8,352
AD/HC	Serum	Inflammation	17	6,09E-11	10,215
AD/HC	Serum	Immune Response	16	3,1E-11	10,509
AD/HC	Serum	Regulation of Stem Cell	15	4,08E-11	10,389
AD/HC	Serum	Cell Cycle	15	8,69E-11	10,061
AD/HC	Serum	Hormone-mediated Signaling Pathway	9	0,00000383	5,417
AD/HC	Serum	Angiogenesis	12	8,03E-09	8,095
AD/HC	Serum	Cell Differentiation	7	0,000222	3,654

AD/HC	Serum	Brain Development	3	0,0495	1,305
AD/HC	Serum	Lipid Metabolism	4	0,0191	1,719
AD/HC	Serum	Nephrotoxicity	6	0,00000114	5,943
AD/HC	Serum	Cell Motility	2	0,0845	1,073
AD/HC	Serum	Aging	11	0,000000071	7,149
AD/HC	Serum	Innate Immunity	16	3,3E-17	16,481
AD/HC	Serum	Adipocyte Differentiation	5	0,00218	2,662
AD/HC	Serum	Osteogenesis	6	0,002	2,699
AD/HC	Serum	Neuron Apoptosis	6	0,000000477	6,321
AD/HC	Serum	DNA Damage Response	2	0,0519	1,285
AD/HC	Serum	Vascular Homeostasis	3	0,00225	2,648
AD/HC	Serum	DNA Damage Repair	3	0,00883	2,054
AD/HC	Serum	Regulation of Akt Pathway	4	0,00264	2,578
AD/HC	Serum	Neurotoxicity	1	0,3782	0,422
AD/HC	Serum	Toxicity	6	0,000129	3,889
AD/HC	Serum	T-Cell Differentiation	2	0,0519	1,285
AD/HC	Serum	Vascular Inflammation	4	0,00029	3,538
AD/HC	Serum	Embryonic Stem Cell Differentiation	4	0,0051	2,292
AD/HC	Serum	Oxidative Stress	2	0,0213	1,672
AD/HC	Serum	Glucose Metabolism	6	0,0000287	4,542
AD/HC	Serum	Cell Division	2	0,058	1,237
AD/HC	Serum	Neuron Differentiation	1	0,2825	0,549
AD/HC	Serum	Insulin Resistance	3	0,00756	2,121
AD/HC	Blood	Apoptosis	14	4,67E-08	7,331
AD/HC	Blood	Cell Death	14	7,02E-10	9,154
AD/HC	Blood	Cell Proliferation	10	0,00000983	5,007
AD/HC	Blood	Hematopoiesis	11	0,000000031	7,509
AD/HC	Blood	Epithelial-to-Mesenchymal Transition	15	1,3E-10	9,886
AD/HC	Blood	Adipogenesis	5	0,000073	4,137
AD/HC	Blood	Inflammation	9	0,000949	3,023
AD/HC	Blood	Immune Response	12	0,000000631	6,2

AD/HC	Blood	Regulation of Stem Cell	8	0,0004	3,398
AD/HC	Blood	Cell Cycle	13	1,92E-08	7,717
AD/HC	Blood	Hormone-mediated Signaling Pathway	8	0,0000426	4,371
AD/HC	Blood	Angiogenesis	6	0,00375	2,426
AD/HC	Blood	Cell Differentiation	9	0,0000035	5,456
AD/HC	Blood	Brain Development	3	0,0526	1,279
AD/HC	Blood	Lipid Metabolism	5	0,00369	2,433
AD/HC	Blood	Nephrotoxicity	5	0,0000307	4,513
AD/HC	Blood	Cell Motility	2	0,0881	1,055
AD/HC	Blood	Aging	16	8,53E-14	13,069
AD/HC	Blood	Innate Immunity	13	1,78E-12	11,75
AD/HC	Blood	Adipocyte Differentiation	12	3,17E-11	10,499
AD/HC	Blood	Osteogenesis	5	0,0118	1,928
AD/HC	Blood	Neuron Apoptosis	2	0,0482	1,317
AD/HC	Blood	DNA Damage Response	2	0,0542	1,266
AD/HC	Blood	Vascular Homeostasis	1	0,2528	0,597
AD/HC	Blood	Response to Hypoxia	1	0,2528	0,597
AD/HC	Blood	Regulation of Akt Pathway	3	0,0226	1,646
AD/HC	Blood	Toxicity	10	3,22E-09	8,492
AD/HC	Blood	T-Cell Differentiation	6	0,000000871	6,06
AD/HC	Blood	Vascular Inflammation	4	0,000319	3,496
AD/HC	Blood	Embryonic Stem Cell Differentiation	3	0,0359	1,445
AD/HC	Blood	Cell Adhesion	3	0,000656	3,183
AD/HC	Blood	Oxidative Stress	1	0,2155	0,667
AD/HC	Blood	Glucose Metabolism	5	0,000402	3,396
AD/HC	Blood	Cell Division	4	0,000538	3,269
AD/HC	Blood	Cholesterol Efflux	1	0,3055	0,515
AD/HC	Blood	Insulin Resistance	1	0,3546	0,45
AD/HC	Blood	Regulation of Nf-Kb Pathway	1	0,1561	0,807
AD/HC	Blood	Response to Cytokine	1	0,1141	0,943
AD/HC	Blood	T-Cell Activation	1	0,1764	0,754

AD/HC	Blood	Natural Killer Cell Activation	2	0,00534	2,272
AD/HC	Blood	Cholesterol Homeostasis	4	0,0000327	4,485
AD/HC	Blood	Autophagy	2	0,0143	1,845
AD/HC	Blood	Endocytosis	2	0,0143	1,845
AD/HC	Blood	Cholesterol Metabolism	1	0,1764	0,754
AD/HC	Blood	Intercell Communication	1	0,0473	1,325
AD/HC	Blood	Chromatin Remodeling	1	0,1561	0,807
AD/HC	Blood	Response to Estrogen	1	0,1764	0,754
AD/HC	Blood	Neural Stem Cell Differentiation	3	0,000242	3,616
AD/HC	CSF	Apoptosis	12	4,94E-10	9,306
AD/HC	CSF	Cell Death	6	0,000268	3,572
AD/HC	CSF	Cell Proliferation	9	0,000000166	6,78
AD/HC	CSF	Hematopoiesis	6	0,0000447	4,35
AD/HC	CSF	Epithelial-to-Mesenchymal Transition	5	0,00292	2,535
AD/HC	CSF	Adipogenesis	3	0,0017	2,77
AD/HC	CSF	Inflammation	8	0,0000322	4,492
AD/HC	CSF	Immune Response	9	0,000000571	6,243
AD/HC	CSF	Regulation of Stem Cell	8	0,00000226	5,646
AD/HC	CSF	Cell Cycle	6	0,000378	3,423
AD/HC	CSF	Hormone-mediated Signaling Pathway	6	0,0000495	4,305
AD/HC	CSF	Angiogenesis	3	0,0451	1,346
AD/HC	CSF	Cell Differentiation	8	0,000000146	6,836
AD/HC	CSF	Brain Development	7	0,000000113	6,947
AD/HC	CSF	Lipid Metabolism	5	0,000168	3,775
AD/HC	CSF	Nephrotoxicity	4	0,0000396	4,402
AD/HC	CSF	Cell Motility	5	0,0000034	5,469
AD/HC	CSF	Aging	9	0,000000019	7,721
AD/HC	CSF	Innate Immunity	2	0,0954	1,02
AD/HC	CSF	Adipocyte Differentiation	3	0,0134	1,873
AD/HC	CSF	Osteogenesis	2	0,1672	0,777
AD/HC	CSF	Neuron Apoptosis	2	0,0143	1,845

AD/HC	CSF	DNA Damage Response	1	0,1834	0,737
AD/HC	CSF	Vascular Homeostasis	3	0,000349	3,457
AD/HC	CSF	Response to Hypoxia	3	0,000349	3,457
AD/HC	CSF	DNA Damage Repair	2	0,0225	1,648
AD/HC	CSF	Regulation of Akt Pathway	3	0,00368	2,434
AD/HC	CSF	Neurotoxicity	1	0,2239	0,65
AD/HC	CSF	Toxicity	2	0,073	1,137
AD/HC	CSF	T-Cell Differentiation	3	0,000861	3,065
AD/HC	CSF	Vascular Inflammation	1	0,1729	0,762
AD/HC	CSF	Embryonic Stem Cell Differentiation	4	0,000466	3,332
AD/HC	CSF	Cell Adhesion	2	0,00401	2,397
AD/HC	CSF	Oxidative Stress	1	0,1187	0,926
AD/HC	CSF	Stress Response	2	0,000886	3,053
AD/HC	CSF	Cell Growth	1	0,0371	1,431
AD/HC	CSF	Neuron Differentiation	3	0,000569	3,245
AD/HC	CSF	Regulation of Nf-Kb Pathway	3	0,0000579	4,237
AD/HC	CSF	Smooth Muscle Cell Senescence	1	0,0249	1,604
AD/HC	CSF	Response to Cytokine	2	0,00147	2,833
AD/HC	CSF	T-Cell Activation	1	0,0961	1,017
AD/HC	CSF	Natural Killer Cell Activation	1	0,0612	1,213
AD/HC	CSF	Cellular Senescence	2	0,00303	2,519
AD/HC	CSF	Intercell Communication	1	0,0249	1,604
AD/HC	CSF	Type II Pneumocyte Differentiation	1	0,0492	1,308
AD/HC	CSF	Cardiomyocyte Differentiation	1	0,0371	1,431

Supplementary information 10

((("Alzheimer Disease"[MeSH Terms] OR "alzheimer"[Title/Abstract] OR "ad"[Title/Abstract]) AND ("MicroRNAs"[MeSH Terms] OR "mirna"[Title/Abstract] OR "mirnas"[Title/Abstract] OR "microrna"[Title/Abstract] OR "micro rna"[Title/Abstract] OR "miR"[Title/Abstract] OR "miR"[Title/Abstract])) OR (("Cognitive Dysfunction"[MeSH Terms] OR "mild cognitive impairment"[Title/Abstract] AND ("MicroRNAs"[MeSH Terms] OR "mirna"[Title/Abstract] OR "mirnas"[Title/Abstract] OR "microrna"[Title/Abstract] OR "micro rna"[Title/Abstract] OR "miR"[Title/Abstract] OR "miR"[Title/Abstract]))))

EMBASE Search 3776 (20.01.2023)

#1 ('alzheimer disease'/exp/mj OR 'alzeimer disease' OR 'alzeimer`s disease' OR 'alzeimers disease' OR 'alzheimer dementia' OR 'alzheimer disease' OR 'alzeimers disease' OR 'alzheimer syndrome' OR 'alzheimer`s disease' OR 'dementia, alzheimer' OR 'mild cognitive impairment'/exp/mj OR 'mild cognitive impairment')

#2 ('microrna'/exp/mj OR 'mirna' OR 'mirnas' OR 'micro rna' OR 'microrna' OR 'micrornas')

#3 #1 AND #2

PRISMA 2020 Checklist

Section and Topic	Item #	Checklist item	Location where item is reported
TITLE			
Title	1	Identify the report as a systematic review.	1
ABSTRACT			
Abstract	2	See the PRISMA 2020 for Abstracts checklist.	2
INTRODUCTION			
Rationale	3	Describe the rationale for the review in the context of existing knowledge.	3
Objectives	4	Provide an explicit statement of the objective(s) or question(s) the review addresses.	3
METHODS			
Eligibility criteria	5	Specify the inclusion and exclusion criteria for the review and how studies were grouped for the syntheses.	6
Information sources	6	Specify all databases, registers, websites, organisations, reference lists and other sources searched or consulted to identify studies. Specify the date when each source was last searched or consulted.	6
Search strategy	7	Present the full search strategies for all databases, registers and websites, including any filters and limits used.	Supp. File 1
Selection process	8	Specify the methods used to decide whether a study met the inclusion criteria of the review, including how many reviewers screened each record and each report retrieved, whether they worked independently, and if applicable, details of automation tools used in the process.	6
Data collection process	9	Specify the methods used to collect data from reports, including how many reviewers collected data from each report, whether they worked independently, any processes for obtaining or confirming data from study investigators, and if applicable, details of automation tools used in the process.	5-6
Data items	10a	List and define all outcomes for which data were sought. Specify whether all results that were compatible with each outcome domain in each study were sought (e.g. for all measures, time points, analyses), and if not, the methods used to decide which results to collect.	6
	10b	List and define all other variables for which data were sought (e.g. participant and intervention characteristics, funding sources). Describe any assumptions made about any missing or unclear information.	6
Study risk of bias assessment	11	Specify the methods used to assess risk of bias in the included studies, including details of the tool(s) used, how many reviewers assessed each study and whether they worked independently, and if applicable, details of automation tools used in the process.	na
Effect measures	12	Specify for each outcome the effect measure(s) (e.g. risk ratio, mean difference) used in the synthesis or presentation of results.	5-6
Synthesis methods	13a	Describe the processes used to decide which studies were eligible for each synthesis (e.g. tabulating the study intervention characteristics and comparing against the planned groups for each synthesis (item #5)).	Sup_table_1 and 3
	13b	Describe any methods required to prepare the data for presentation or synthesis, such as handling of missing summary statistics, or data conversions.	7
	13c	Describe any methods used to tabulate or visually display results of individual studies and syntheses.	na
	13d	Describe any methods used to synthesize results and provide a rationale for the choice(s). If meta-analysis was performed, describe the model(s), method(s) to identify the presence and extent of statistical heterogeneity, and software package(s) used.	7
	13e	Describe any methods used to explore possible causes of heterogeneity among study results (e.g. subgroup analysis, meta-regression).	na
	13f	Describe any sensitivity analyses conducted to assess robustness of the synthesized results.	na
Reporting bias assessment	14	Describe any methods used to assess risk of bias due to missing results in a synthesis (arising from reporting biases).	na
Certainty assessment	15	Describe any methods used to assess certainty (or confidence) in the body of evidence for an outcome.	na

Section and Topic	Item #	Checklist item	Location where item is reported
RESULTS			
Study selection	16a	Describe the results of the search and selection process, from the number of records identified in the search to the number of studies included in the review, ideally using a flow diagram.	5
	16b	Cite studies that might appear to meet the inclusion criteria, but which were excluded, and explain why they were excluded.	na
Study characteristics	17	Cite each included study and present its characteristics.	Sup_table_1
Risk of bias in studies	18	Present assessments of risk of bias for each included study.	na
Results of individual studies	19	For all outcomes, present, for each study: (a) summary statistics for each group (where appropriate) and (b) an effect estimate and its precision (e.g. confidence/credible interval), ideally using structured tables or plots.	8-17
Results of syntheses	20a	For each synthesis, briefly summarise the characteristics and risk of bias among contributing studies.	8-17
	20b	Present results of all statistical syntheses conducted. If meta-analysis was done, present for each the summary estimate and its precision (e.g. confidence/credible interval) and measures of statistical heterogeneity. If comparing groups, describe the direction of the effect.	8-17
	20c	Present results of all investigations of possible causes of heterogeneity among study results.	Na
	20d	Present results of all sensitivity analyses conducted to assess the robustness of the synthesized results.	8-17
Reporting biases	21	Present assessments of risk of bias due to missing results (arising from reporting biases) for each synthesis assessed.	na
Certainty of evidence	22	Present assessments of certainty (or confidence) in the body of evidence for each outcome assessed.	na
DISCUSSION			
Discussion	23a	Provide a general interpretation of the results in the context of other evidence.	17-22
	23b	Discuss any limitations of the evidence included in the review.	22
	23c	Discuss any limitations of the review processes used.	22
	23d	Discuss implications of the results for practice, policy, and future research.	22
OTHER INFORMATION			
Registration and protocol	24a	Provide registration information for the review, including register name and registration number, or state that the review was not registered.	6
	24b	Indicate where the review protocol can be accessed, or state that a protocol was not prepared.	6
	24c	Describe and explain any amendments to information provided at registration or in the protocol.	na
Support	25	Describe sources of financial or non-financial support for the review, and the role of the funders or sponsors in the review.	22
Competing interests	26	Declare any competing interests of review authors.	22
Availability of data, code and other materials	27	Report which of the following are publicly available and where they can be found: template data collection forms; data extracted from included studies; data used for all analyses; analytic code; any other materials used in the review.	Supplementary Table