

Table SI. List of microRNAs highly expressed in gliomas (top 25% of expressed miRNAs; 406 miRNAs; as published previously in Khalil *et al.* Oncotarget 7 (19): 28195-206. doi: 10.18632/oncotarget.8618).

hsa-miR-494	hsa-miR-720_v18.0	hsa-miR-4281	hsa-miR-1202	hsa-miR-1207-5p
hsa-miR-4286	hsa-miR-1225-5p	hsa-miR-1274b_v16.0	hsa-miR-2861	hsa-miR-1915-3p
hsa-let-7b-5p	hsa-miR-1268a	hsa-miR-638	hsa-miR-3665	hsa-miR-3679-5p
hsa-miR-4299	hsa-miR-3162-5p	hsa-miR-4284	hsa-let-7c	hsa-miR-3656
hsa-miR-4270	hsa-miR-3196	hsa-miR-940	hsa-miR-1280_v18.0	hsa-miR-663a
hsa-let-7a-5p	hsa-miR-575	hsa-miR-320c	hsa-miR-125b-5p	hsa-miR-4298
hsa-miR-483-5p	hsa-miR-1246	hsa-miR-1275	hsa-miR-3195	hsa-miR-3141
hsa-miR-9-3p	hsa-miR-642b-3p	hsa-miR-320d	hsa-miR-320b	hsa-miR-99a-5p
hsa-miR-16-5p	hsa-miR-24-3p	hsa-miR-1260a	hsa-miR-4327	hsa-miR-762
hsa-miR-320e	hsa-miR-939-5p	hsa-miR-150-3p	hsa-miR-371a-5p	hsa-miR-188-5p
hsa-miR-2276	hsa-miR-320a	hsa-miR-4271	hsa-let-7f-5p	hsa-miR-451a
hsa-miR-134	hsa-miR-106b-5p	hsa-miR-3911	hsa-miR-3663-3p	hsa-miR-574-5p
hsa-miR-630	hsa-miR-25-3p	hsa-miR-1274a_v16.0	hsa-miR-1183	hsa-miR-1224-5p
hsa-miR-210	hsa-miR-1972	hsa-miR-27b-3p	hsa-miR-671-5p	hsa-miR-574-3p
hsa-let-7i-5p	hsa-miR-765	hsa-miR-1973	hsa-miR-1290	hsa-miR-324-3p
hsa-miR-3652	hsa-miR-103a-3p	hsa-miR-3198	hsa-miR-29a-3p	hsa-miR-1260b
hsa-miR-181a-5p	hsa-miR-124-3p	hsa-miR-4306	hsa-miR-7-5p	hsa-miR-342-3p
hsa-miR-15b-5p	hsa-miR-572	hsa-miR-1914-3p	hsa-miR-195-5p	hsa-miR-30d-5p
hsa-miR-21-5p	hsa-miR-514b-5p	hsa-let-7g-5p	hsa-miR-3156-5p	hsa-miR-3926
hsa-miR-100-5p	hsa-miR-107	hsa-miR-3138	hsa-miR-3934-5p	hsa-miR-125a-3p
hsa-miR-34a-5p	hsa-miR-22-3p	hsa-miR-3917	hsa-miR-15a-5p	hsa-miR-3194-5p
hsa-miR-513a-5p	hsa-miR-19b-3p	hsa-let-7d-5p	hsa-miR-497-5p	hsa-miR-3648
hsa-miR-93-5p	hsa-miR-92a-3p	hsa-miR-20a-5p	hsa-miR-202-3p	hsa-miR-3137
hsa-miR-23b-3p	hsa-miR-135a-3p	hsa-miR-29c-3p	hsa-miR-1305	hsa-let-7e-5p
hsa-miR-874	hsa-miR-4257	hsa-miR-1471	hsa-miR-23a-3p	hsa-miR-130b-3p
hsa-miR-3188	hsa-miR-3125	hsa-miR-27a-3p	hsa-miR-718	hsa-miR-3937
hsa-miR-1273d	hsa-miR-9-5p	hsa-miR-378b	hsa-miR-3907	hsa-miR-30a-5p
hsa-miR-361-5p	hsa-miR-3132	hsa-miR-197-3p	hsa-miR-3154	hsa-miR-424-3p
hsa-miR-1273e	hsa-miR-3667-5p	hsa-miR-125b-2-3p	hsa-miR-601	hsa-miR-26a-5p
hsa-miR-130a-3p	hsa-miR-29b-3p	hsa-miR-181b-5p	hsa-miR-4314	hsa-miR-198
hsa-miR-4253	hsa-miR-664a-5p	hsa-miR-711	hsa-miR-4313	hsa-miR-622
hsa-miR-1226-5p	hsa-miR-423-5p	hsa-miR-623	hsa-miR-331-3p	hsa-miR-3202
hsa-miR-1181	hsa-miR-564	hsa-miR-557	hsa-miR-149-5p	hsa-miR-1228-3p
hsa-miR-1249	hsa-miR-1182	hsa-miR-17-5p	hsa-miR-548q	hsa-miR-4261
hsa-miR-766-3p	hsa-miR-3682-3p	hsa-miR-4259	hsa-miR-193b-3p	hsa-miR-128
hsa-miR-659-3p	hsa-miR-3646	hsa-miR-345-5p	hsa-miR-3131	hsa-miR-3945
hsa-miR-30c-5p	hsa-miR-486-5p	hsa-miR-212-3p	hsa-miR-551b-3p	hsa-miR-3127-5p
hsa-miR-3610	hsa-miR-3121-3p	hsa-miR-30b-5p	hsa-miR-324-5p	hsa-miR-3622b-5p
hsa-miR-129-5p	hsa-miR-129-2-3p	hsa-miR-1285-3p	hsa-miR-3660	hsa-miR-1299
hsa-miR-3651	hsa-miR-4322	hsa-miR-513b	hsa-miR-99b-5p	hsa-miR-3935
hsa-miR-30e-5p	hsa-miR-760	hsa-miR-1234-3p	hsa-miR-605	hsa-miR-151a-5p
hsa-miR-665	hsa-miR-1288	hsa-miR-140-3p	hsa-miR-3147	hsa-miR-3605-5p
hsa-miR-936	hsa-miR-132-3p	hsa-miR-370	hsa-miR-4294	hsa-miR-10b-5p
hsa-miR-26b-5p	hsa-miR-631	hsa-miR-1208	hsa-miR-3654	hsa-miR-20b-5p
hsa-miR-610	hsa-miR-1273c	hsa-miR-877-5p	hsa-miR-1291	hsa-miR-193b-5p
hsa-miR-125a-5p	hsa-miR-33b-3p	hsa-miR-498	hsa-miR-3621	hsa-miR-887
hsa-miR-3173-3p	hsa-miR-662	hsa-miR-23a-5p	hsa-miR-4304	hsa-miR-513c-5p
hsa-miR-3161	hsa-miR-187-5p	hsa-miR-3190-3p	hsa-miR-92b-3p	hsa-miR-500a-5p
hsa-miR-4291	hsa-miR-365b-5p	hsa-miR-3174	hsa-miR-378_v17.0	hsa-miR-155-5p
hsa-miR-425-5p	hsa-miR-181d	hsa-miR-3620-3p	hsa-miR-330-3p	hsa-miR-1469
hsa-miR-149-3p	hsa-miR-566	hsa-miR-1225-3p	hsa-miR-3680-3p	hsa-miR-1281
hsa-miR-181c-5p	hsa-miR-19a-3p	hsa-miR-4269	hsa-miR-584-5p	hsa-miR-769-5p
hsa-miR-550a-5p	hsa-miR-139-3p	hsa-miR-526b-5p	hsa-miR-1238-3p	hsa-miR-4323
hsa-miR-3180-3p	hsa-miR-602	hsa-miR-648	hsa-miR-3614-5p	hsa-miR-126-3p
hsa-miR-185-5p	hsa-miR-424-5p	hsa-miR-892b	hsa-miR-196a-5p	hsa-miR-191-3p
hsa-miR-30c-2-3p	hsa-miR-501-5p	hsa-miR-3659	hsa-miR-770-5p	hsa-miR-3692-5p
hsa-miR-650	hsa-miR-99b-3p	hsa-miR-4251	hsa-miR-3713	hsa-miR-204-5p

hsa-miR-1306-3p	hsa-miR-877-3p	hsa-miR-520b	hsa-miR-1825	hsa-miR-422a
hsa-miR-30c-1-3p	hsa-miR-3676-3p	hsa-miR-425-3p	hsa-miR-4324	hsa-miR-2277-3p
hsa-miR-490-5p	hsa-miR-373-5p	hsa-miR-1229-3p	hsa-miR-629-3p	hsa-miR-3663-5p
hsa-miR-708-5p	hsa-miR-127-3p	hsa-miR-3187-3p	hsa-miR-151a-3p	hsa-miR-378c
hsa-miR-296-5p	hsa-miR-3177-3p	hsa-miR-519e-5p	hsa-miR-1539	hsa-miR-501-3p
hsa-miR-636	hsa-miR-339-3p	hsa-miR-181c-3p	hsa-miR-3185	hsa-miR-654-5p
hsa-miR-769-3p	hsa-miR-200a-5p	hsa-miR-4260	hsa-miR-193a-5p	hsa-miR-3189-3p
hsa-miR-1321	hsa-miR-338-3p	hsa-miR-3163	hsa-miR-1909-5p	hsa-miR-140-5p
hsa-miR-520e	hsa-miR-3622a-5p	hsa-miR-195-3p	hsa-miR-432-5p	hsa-miR-516a-5p
hsa-miR-663b	hsa-miR-328	hsa-miR-29c-5p	hsa-miR-3124-5p	hsa-miR-298
hsa-miR-223-3p	hsa-miR-219-5p	hsa-miR-933	hsa-miR-145-5p	hsa-miR-518c-5p
hsa-miR-423-3p	hsa-miR-3186-3p	hsa-miR-30b-3p	hsa-miR-138-5p	hsa-miR-381-3p
hsa-miR-1307-3p	hsa-miR-222-3p	hsa-miR-138-2-3p	hsa-miR-1303	hsa-miR-516b-5p
hsa-miR-1237-3p	hsa-miR-484	hsa-miR-365a-3p	hsa-miR-4267	hsa-miR-184
hsa-miR-1295a	hsa-miR-221-3p	hsa-miR-639	hsa-miR-921	hsa-miR-493-3p
hsa-miR-150-5p	hsa-miR-194-3p	hsa-miR-200b-5p	hsa-miR-583	hsa-miR-616-3p
hsa-miR-3200-5p	hsa-miR-338-5p	hsa-miR-10b-3p	hsa-miR-1180	hsa-miR-1228-5p
hsa-miR-1254	hsa-miR-125b-1-3p	hsa-miR-1276	hsa-miR-1287	hsa-miR-1323
hsa-miR-183-3p	hsa-miR-1915-5p	hsa-miR-296-3p	hsa-miR-302c-5p	hsa-miR-3180-5p
hsa-miR-3181	hsa-miR-3197	hsa-miR-3617-5p	hsa-miR-3653	hsa-miR-3666
hsa-miR-3679-3p	hsa-miR-3915	hsa-miR-3923	hsa-miR-3925-5p	hsa-miR-3938
hsa-miR-409-3p	hsa-miR-4274	hsa-miR-4300	hsa-miR-4311	hsa-miR-490-3p
hsa-miR-492	hsa-miR-508-5	hsa-miR-518a-5p	hsa-miR-518e-5p	hsa-miR-525-5p
hsa-miR-551b-5p	hsa-miR-617	hsa-miR-627	hsa-miR-658	hsa-miR-671-3p
hsa-miR-934				

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Table SII. List of published oncomiRNAs in gliomas.

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miR-10a	miR-25
miR-10b-3p	miR-26a
miR-125b	miR-27b
miR-130b-3p	miR-29a
miR-143	miR-30a-5p
miR-145	miR-31
miR-148a-3p	miR-323a
miR-155-5p	miR-323b
miR-15a-5p	miR-328
miR-16-1	miR-335
miR-16-2	miR-363
miR-17-5p	miR-381
miR-182	miR-455-3p
miR-18a	miR-582-5p
miR-193a	miR-603
miR-195-5p	miR-873
miR-196b	miR-9
miR-19a	miR-92a
miR-19b	miR-92b
miR-200a	miR-93
miR-200b	miR-21-3p
miR-20a-5p	miR-210
miR-20b	miR-221-3p

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Table SIII. List of microRNAs potentially targeting the 3'UTR sequence of CASP-3 mRNA.

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let-7a-5p	miR-382-5p
let-7g-5p	miR-421
miR-128-3p	miR-4666b
miR-138-5p	miR-5011-3p
miR-155-5p	miR-548
miR-196a-5p	miR-562
miR-221-3p	miR-582-5p
miR-26b-5p	miR-6076
miR-30a-5p	miR-6124
miR-30b-5p	miR-651-3p
miR-30d-5p	miR-6797-3p
miR-363-3p	miR-885-5p
miR-3680-3p	miR-888-5p
miR-374a-5p	miR-30e-5p
miR-375	

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