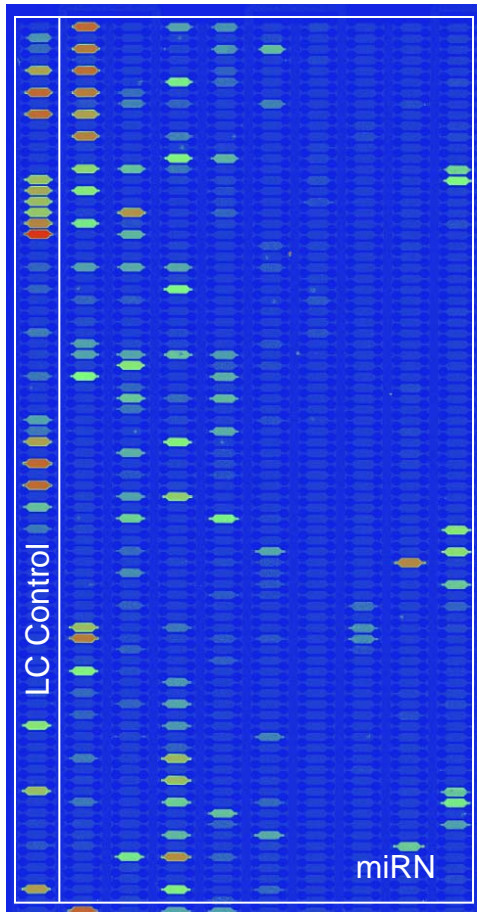
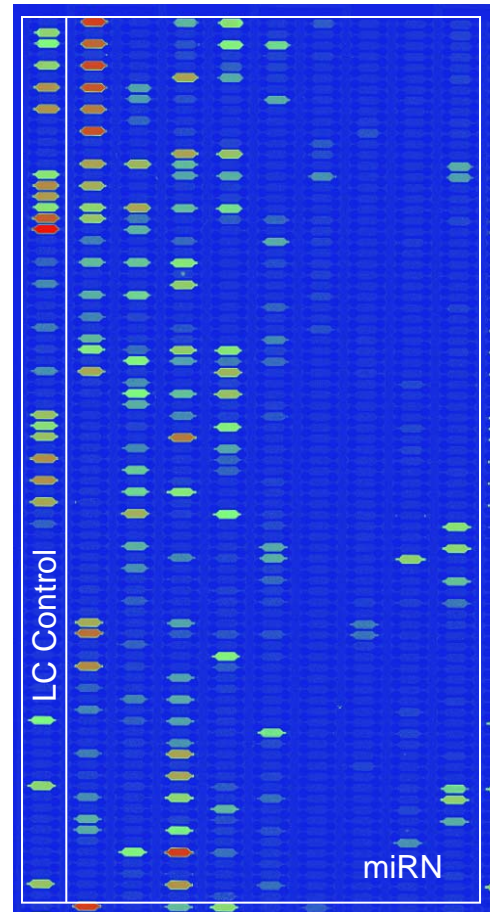


microRNA Microarray Service

Comparison between miRNA Profiles of FFPE and Fresh Tissue Sam-



FFPE Sample¹
272 mature miRNA sequences
out of 721 are detected



Fresh Tissue Sample²
359 mature miRNA sequences
out of 721 are detected

¹ FFPE human breast sample is purchased from Cybrdi and total RNA is extracted using RecoverAll™ kit from ABI

² Fresh human breast tissue sample total RNA is purchased from ABI, FirstChoice™ total RNA

microRNA Microarray Service

Probe Layout in the selected region

	hsa-let-7a	hsa-miR-136*	hsa-miR-193a-5p	hsa-miR-27a	hsa-miR-34c-5p	hsa-miR-487b	hsa-miR-521	hsa-miR-595	hsa-miR-7
BKG0	hsa-let-7a*	hsa-miR-137	hsa-miR-193b	hsa-miR-27a*	hsa-miR-361-3p	hsa-miR-488	hsa-miR-522	hsa-miR-596	hsa-miR-708
PUC2PM	hsa-let-7b	hsa-miR-138	hsa-miR-193b*	hsa-miR-27b	hsa-miR-361-5p	hsa-miR-488*	hsa-miR-523	hsa-miR-597	hsa-miR-708*
PUC2MM	hsa-let-7b*	hsa-miR-138-1*	hsa-miR-194	hsa-miR-27b*	hsa-miR-362-3p	hsa-miR-489	hsa-miR-524-3p	hsa-miR-598	hsa-miR-7-1*
PUC2PM-20b	hsa-let-7c	hsa-miR-138-2*	hsa-miR-194*	hsa-miR-28-3p	hsa-miR-362-5p	hsa-miR-490-3p	hsa-miR-524-5p	hsa-miR-599	hsa-miR-7-2*
PUC2MM-20b	hsa-let-7c*	hsa-miR-139-3p	hsa-miR-195	hsa-miR-28-5p	hsa-miR-363	hsa-miR-490-5p	hsa-miR-525-3p	hsa-miR-600	hsa-miR-744
a2-PUC2PM-20b	hsa-let-7d	hsa-miR-139-5p	hsa-miR-195*	hsa-miR-296-3p	hsa-miR-363*	hsa-miR-491-3p	hsa-miR-525-5p	hsa-miR-601	hsa-miR-744*
a3-PUC2PM-20b	hsa-let-7e*	hsa-miR-140-3p	hsa-miR-196a	hsa-miR-296-5p	hsa-miR-365	hsa-miR-491-5p	hsa-miR-526b	hsa-miR-602	hsa-miR-758
a3-PUC2PM-20b	hsa-let-7e	hsa-miR-140-5p	hsa-miR-196a*	hsa-miR-297	hsa-miR-367	hsa-miR-492	hsa-miR-526b*	hsa-miR-603	hsa-miR-760
a3-PUC2MM-20b	hsa-let-7e*	hsa-miR-141	hsa-miR-196b	hsa-miR-298	hsa-miR-367*	hsa-miR-493	hsa-miR-532-3p	hsa-miR-604	hsa-miR-765
a-PUC2PM	hsa-let-7f	hsa-miR-141*	hsa-miR-197	hsa-miR-299-3p	hsa-miR-369-3p	hsa-miR-493*	hsa-miR-532-5p	hsa-miR-605	hsa-miR-766
a-PUC2MMd	hsa-let-7f-1*	hsa-miR-142-3p	hsa-miR-198	hsa-miR-299-5p	hsa-miR-369-5p	hsa-miR-494	hsa-miR-539	hsa-miR-606	hsa-miR-767-3p
Cr01-2P	hsa-let-7f-2*	hsa-miR-142-5p	hsa-miR-199a-3p	hsa-miR-29a	hsa-miR-370	hsa-miR-495	hsa-miR-541	hsa-miR-607	hsa-miR-767-5p
Cr01-2M05	hsa-let-7g	hsa-miR-143	hsa-miR-199a-5p	hsa-miR-29a*	hsa-miR-371-3p	hsa-miR-496	hsa-miR-541*	hsa-miR-608	hsa-miR-768-3p
Cr01-2M10	hsa-let-7g*	hsa-miR-143*	hsa-miR-199b-5p	hsa-miR-29b	hsa-miR-371-5p	hsa-miR-497	hsa-miR-542-3p	hsa-miR-609	hsa-miR-768-5p
Cr02-2P	hsa-let-7i	hsa-miR-144	hsa-miR-19a	hsa-miR-29b-1*	hsa-miR-372	hsa-miR-497*	hsa-miR-542-5p	hsa-miR-610	hsa-miR-769-3p
Cr02-2M05	hsa-let-7i*	hsa-miR-144*	hsa-miR-19a*	hsa-miR-29b-2*	hsa-miR-373	hsa-miR-498	hsa-miR-543	hsa-miR-611	hsa-miR-769-5p
Cr02-2M10	hsa-miR-1	hsa-miR-145	hsa-miR-19b	hsa-miR-29c	hsa-miR-373*	hsa-miR-499-3p	hsa-miR-544	hsa-miR-612	hsa-miR-770-5p
Cr03-2P	hsa-miR-100	hsa-miR-145*	hsa-miR-19b-1*	hsa-miR-29c*	hsa-miR-374a	hsa-miR-499-5p	hsa-miR-545	hsa-miR-613	hsa-miR-801
Cr03-2M05	hsa-miR-100*	hsa-miR-146a	hsa-miR-19b-2*	hsa-miR-300	hsa-miR-374a*	hsa-miR-500	hsa-miR-545*	hsa-miR-614	hsa-miR-802
Cr03-2M10	hsa-miR-101	hsa-miR-146a*	hsa-miR-200a	hsa-miR-301a	hsa-miR-374b	hsa-miR-500*	hsa-miR-548a-3p	hsa-miR-615-3p	hsa-miR-873
Cr04-2P	hsa-miR-101*	hsa-miR-146b-3p	hsa-miR-200a*	hsa-miR-301b	hsa-miR-374b*	hsa-miR-501-3p	hsa-miR-548a-5p	hsa-miR-615-5p	hsa-miR-874
Cr04-2M05	hsa-miR-103	hsa-miR-146b-5p	hsa-miR-200b	hsa-miR-302a	hsa-miR-375	hsa-miR-501-5p	hsa-miR-548b-3p	hsa-miR-616	hsa-miR-875-3p
Cr04-2M10	hsa-miR-105	hsa-miR-147	hsa-miR-200b*	hsa-miR-302a*	hsa-miR-376a	hsa-miR-502-3p	hsa-miR-548b-5p	hsa-miR-617*	hsa-miR-875-5p
Cr05-2P	hsa-miR-105*	hsa-miR-147b	hsa-miR-200c	hsa-miR-302b	hsa-miR-376a*	hsa-miR-502-5p	hsa-miR-548c-3p	hsa-miR-617	hsa-miR-876-3p
Cr05-2M05	hsa-miR-106a	hsa-miR-148a	hsa-miR-200c*	hsa-miR-302b*	hsa-miR-376b	hsa-miR-503	hsa-miR-548c-5p	hsa-miR-618	hsa-miR-876-5p
Cr05-2M10	hsa-miR-106a*	hsa-miR-148a*	hsa-miR-202	hsa-miR-302c	hsa-miR-376c	hsa-miR-504	hsa-miR-548d-3p	hsa-miR-619	hsa-miR-877
Cr06-2P	hsa-miR-106b	hsa-miR-148b	hsa-miR-202*	hsa-miR-302c*	hsa-miR-377	hsa-miR-505	hsa-miR-548d-5p	hsa-miR-620	hsa-miR-877*
Cr06-2M05	hsa-miR-106b*	hsa-miR-148b*	hsa-miR-203	hsa-miR-302d	hsa-miR-377*	hsa-miR-505*	hsa-miR-549	hsa-miR-621	hsa-miR-885-3p
Cr06-2M10	hsa-miR-107	hsa-miR-149	hsa-miR-204	hsa-miR-302d*	hsa-miR-378	hsa-miR-506	hsa-miR-550	hsa-miR-622	hsa-miR-885-5p
Cr07-2P	hsa-miR-10a	hsa-miR-149*	hsa-miR-205	hsa-miR-30a	hsa-miR-378*	hsa-miR-507	hsa-miR-550*	hsa-miR-623	hsa-miR-886-3p
Cr07-2M05	hsa-miR-10a*	hsa-miR-150	hsa-miR-206	hsa-miR-30a*	hsa-miR-379	hsa-miR-508-3p	hsa-miR-551a	hsa-miR-624	hsa-miR-886-5p
Cr07-2M10	hsa-miR-10b	hsa-miR-150*	hsa-miR-208a	hsa-miR-30b	hsa-miR-379*	hsa-miR-508-5p	hsa-miR-551b	hsa-miR-624*	hsa-miR-887
Cr08-2P	hsa-miR-10b*	hsa-miR-151-3p	hsa-miR-208b	hsa-miR-30b*	hsa-miR-380	hsa-miR-509-3-5p	hsa-miR-551b*	hsa-miR-625	hsa-miR-888
Cr08-2M05	hsa-miR-122	hsa-miR-151-5p	hsa-miR-20a	hsa-miR-30c	hsa-miR-380*	hsa-miR-509-3p	hsa-miR-552	hsa-miR-625*	hsa-miR-888*
Cr08-2M10	hsa-miR-122*	hsa-miR-152	hsa-miR-20a*	hsa-miR-30c-1*	hsa-miR-381	hsa-miR-509-5p	hsa-miR-553	hsa-miR-626	hsa-miR-889
Cr09-2P	hsa-miR-124-3p	hsa-miR-153	hsa-miR-20b	hsa-miR-30c-2*	hsa-miR-382	hsa-miR-510	hsa-miR-554	hsa-miR-627	hsa-miR-890
Cr09-2M05	hsa-miR-124-5p	hsa-miR-154	hsa-miR-20b*	hsa-miR-30d	hsa-miR-383	hsa-miR-511	hsa-miR-555	hsa-miR-628-3p	hsa-miR-891a
Cr09-2M10	hsa-miR-125-3p	hsa-miR-154*	hsa-miR-21	hsa-miR-30d*	hsa-miR-384	hsa-miR-512-3p	hsa-miR-556-3p	hsa-miR-628-5p	hsa-miR-891b
Cr10-2P	hsa-miR-125-5p	hsa-miR-155	hsa-miR-21*	hsa-miR-30e	hsa-miR-409-3p	hsa-miR-512-5p	hsa-miR-556-5p	hsa-miR-629	hsa-miR-892a
Cr10-2M05	hsa-miR-126	hsa-miR-155*	hsa-miR-210	hsa-miR-30e*	hsa-miR-409-5p	hsa-miR-513a-3p	hsa-miR-557	hsa-miR-629*	hsa-miR-892b
Cr10-2M10	hsa-miR-126*	hsa-miR-15a	hsa-miR-211	hsa-miR-31	hsa-miR-410	hsa-miR-513a-5p	hsa-miR-558	hsa-miR-630*	hsa-miR-9
Cr11-2P	hsa-miR-1227	hsa-miR-15a*	hsa-miR-212	hsa-miR-31*	hsa-miR-411	hsa-miR-513b	hsa-miR-559	hsa-miR-631	hsa-miR-9*
Cr11-2M05	hsa-miR-1228	hsa-miR-15b	hsa-miR-214	hsa-miR-32	hsa-miR-411*	hsa-miR-513c	hsa-miR-561	hsa-miR-632	hsa-miR-920
Cr11-2M10	hsa-miR-1228*	hsa-miR-15b*	hsa-miR-214*	hsa-miR-32*	hsa-miR-412	hsa-miR-514	hsa-miR-562	hsa-miR-633	hsa-miR-921
PUC2PM-20b	hsa-miR-1229	hsa-miR-16	hsa-miR-215	hsa-miR-320	hsa-miR-421	hsa-miR-515-3p	hsa-miR-563	hsa-miR-634	hsa-miR-922
PUC2MM-20b	hsa-miR-1231	hsa-miR-16-1*	hsa-miR-216a	hsa-miR-323-3p	hsa-miR-422a	hsa-miR-515-5p	hsa-miR-564	hsa-miR-635	hsa-miR-923
BKG0	hsa-miR-1233	hsa-miR-16-2*	hsa-miR-216b	hsa-miR-323-5p	hsa-miR-423-3p	hsa-miR-516a-3p	hsa-miR-566	hsa-miR-636	hsa-miR-924
PUC2PM	hsa-miR-1234	hsa-miR-17	hsa-miR-217	hsa-miR-324-3p	hsa-miR-423-5p	hsa-miR-516a-5p	hsa-miR-567	hsa-miR-637	hsa-miR-92a
PUC2MM	hsa-miR-1236	hsa-miR-17*	hsa-miR-218	hsa-miR-324-5p	hsa-miR-424	hsa-miR-516b	hsa-miR-568	hsa-miR-638	hsa-miR-92a-1*
a2-PUC2PM-20b	hsa-miR-1237	hsa-miR-181a	hsa-miR-218-1*	hsa-miR-325	hsa-miR-424*	hsa-miR-517*	hsa-miR-569	hsa-miR-639	hsa-miR-92a-2*
a2-PUC2MM-20b	hsa-miR-1238	hsa-miR-181a*	hsa-miR-218-2*	hsa-miR-326	hsa-miR-425	hsa-miR-517a	hsa-miR-570	hsa-miR-640	hsa-miR-92b
a3-PUC2PM-20b	hsa-miR-124	hsa-miR-181a-2*	hsa-miR-219-1-3p	hsa-miR-328	hsa-miR-425*	hsa-miR-517b	hsa-miR-571	hsa-miR-641	hsa-miR-92b*
a3-PUC2MM-20b	hsa-miR-124*	hsa-miR-181b	hsa-miR-219-2-3p	hsa-miR-329	hsa-miR-429	hsa-miR-517c	hsa-miR-572	hsa-miR-642	hsa-miR-93*
hsa-miR-125a-3p	hsa-miR-181c	hsa-miR-219-5p	hsa-miR-330-3p	hsa-miR-431	hsa-miR-431	hsa-miR-518a-3p	hsa-miR-573	hsa-miR-643	hsa-miR-93*
hsa-miR-24-2*	hsa-miR-125a-5p	hsa-miR-181c*	hsa-miR-22	hsa-miR-330-5p	hsa-miR-431*	hsa-miR-518a-5p	hsa-miR-574-3p	hsa-miR-644	hsa-miR-933
hsa-miR-25	hsa-miR-125b	hsa-miR-181d	hsa-miR-22*	hsa-miR-331-3p	hsa-miR-432	hsa-miR-518b	hsa-miR-574-5p	hsa-miR-645	hsa-miR-934
hsa-miR-26a	hsa-miR-125b-1*	hsa-miR-182	hsa-miR-220a	hsa-miR-331-5p	hsa-miR-432*	hsa-miR-518c	hsa-miR-575	hsa-miR-646	hsa-miR-935
hsa-miR-26a-1*	hsa-miR-126	hsa-miR-183	hsa-miR-220c	hsa-miR-335	hsa-miR-433	hsa-miR-518c*	hsa-miR-576-3p	hsa-miR-647	hsa-miR-936
hsa-miR-26a-2*	hsa-miR-126*	hsa-miR-183*	hsa-miR-221	hsa-miR-337-3p	hsa-miR-448	hsa-miR-518d-3p	hsa-miR-576-5p	hsa-miR-648	hsa-miR-937
hsa-miR-26b	hsa-miR-127-3p	hsa-miR-184	hsa-miR-221*	hsa-miR-337-5p	hsa-miR-449b	hsa-miR-518d-5p	hsa-miR-577	hsa-miR-649	hsa-miR-938
hsa-miR-26b*	hsa-miR-127-5p	hsa-miR-185	hsa-miR-222	hsa-miR-338-3p	hsa-miR-450a	hsa-miR-518e	hsa-miR-578	hsa-miR-650	hsa-miR-939
hsa-miR-337-3p	hsa-miR-128	hsa-miR-185*	hsa-miR-222*	hsa-miR-338-5p	hsa-miR-450b-3p	hsa-miR-518f	hsa-miR-580	hsa-miR-652	hsa-miR-941
hsa-miR-337-5p	hsa-miR-129*	hsa-miR-186	hsa-miR-223	hsa-miR-339-3p	hsa-miR-450b-5p	hsa-miR-518f*	hsa-miR-581	hsa-miR-653	hsa-miR-942
hsa-miR-338-3p	hsa-miR-129-3p	hsa-miR-186*	hsa-miR-223*	hsa-miR-339-5p	hsa-miR-451	hsa-miR-519a	hsa-miR-582-3p	hsa-miR-654-3p	hsa-miR-943
hsa-miR-338-5p	hsa-miR-129-5p	hsa-miR-187	hsa-miR-224	hsa-miR-33a	hsa-miR-452	hsa-miR-519b-3p	hsa-miR-582-5p	hsa-miR-654-5p	hsa-miR-944
hsa-miR-339-3p	hsa-miR-130a	hsa-miR-187*	hsa-miR-225	hsa-miR-33a*	hsa-miR-452*	hsa-miR-519c-3p	hsa-miR-583	hsa-miR-655	hsa-miR-95
hsa-miR-339-5p	hsa-miR-130a*	hsa-miR-188-3p	hsa-miR-23a*	hsa-miR-33b	hsa-miR-453	hsa-miR-519d	hsa-miR-584	hsa-miR-656	hsa-miR-96
hsa-miR-33a	hsa-miR-130b	hsa-miR-188-5p	hsa-miR-23b	hsa-miR-33b*	hsa-miR-454	hsa-miR-519e	hsa-miR-585	hsa-miR-657	hsa-miR-96*
hsa-miR-33a*	hsa-miR-130b*	hsa-miR-18a	hsa-miR-23b*	hsa-miR-340	hsa-miR-454*	hsa-miR-519a*	hsa-miR-586	hsa-miR-658	hsa-miR-98
hsa-miR-33b	hsa-miR-132	hsa-miR-18a*	hsa-miR-24	hsa-miR-340*	hsa-miR-455-3p	hsa-miR-520a-3p	hsa-miR-587	hsa-miR-659	hsa-miR-99a
hsa-miR-33b*	hsa-miR-132*	hsa-miR-18b	hsa-miR-24-1*	hsa-miR-342-3p	hsa-miR-455-5p	hsa-miR-520a-5p	hsa-miR-588	hsa-miR-660	hsa-miR-99a*
hsa-miR-340	hsa-miR-133a	hsa-miR-18b*	hsa-miR-24-2*	hsa-miR-342-5p	hsa-miR-483-3p	hsa-miR-520b	hsa-miR-589	hsa-miR-661	hsa-miR-99b
hsa-miR-340*	hsa-miR-133b	hsa-miR-190	hsa-miR-25	hsa-miR-345	hsa-miR-483-5p	hsa-miR-520c-3p	hsa-miR-589*	hsa-miR-662	hsa-miR-99b*
hsa-miR-342-3p	hsa-miR-134	hsa-miR-190b	hsa-miR-25*	hsa-miR-346	hsa-miR-484	hsa-miR-520d-3p	hsa-miR-590-3p	hsa-miR-663	hsa-miR-99c
hsa-miR-342-5p	hsa-miR-135a	hsa-miR-191	hsa-miR-26a	hsa-miR-346*	hsa-miR-485-3p	hsa-miR-520d-5p	hsa-miR-590-5p	hsa-miR-665	hsa-miR-96
hsa-miR-345	hsa-miR-135a*	hsa-miR-191*	hsa-miR-26a-1*	hsa-miR-34a*	hsa-miR-485-5p	hsa-miR-520e	hsa-miR-591	hsa-miR-668	hsa-miR-96*
hsa-miR-346	hsa-miR-135b	hsa-miR-192	hsa-miR-26a-2*	hsa-miR-34b	hsa-miR-486-3p	hsa-miR-520f	hsa-miR-592	hsa-miR-671-3p	hsa-miR-98
hsa-miR-34a	hsa-miR-135b*	hsa-miR-192*	hsa-miR-26b	hsa-miR-34b*	hsa-miR-486-5p	hsa-miR-520g	hsa-miR-593	hsa-miR-671-5p	hsa-miR-99a
hsa-miR-34a*	hsa-miR-136	hsa-miR-193a-3p	hsa-miR-26b*	hsa-miR-34c-3p	hsa-miR-487a	hsa-miR-520h	hsa-miR-593*	hsa-miR-675	