

TaqMan® Array Rodent MicroRNA Cards

These cards are part of a collection of TaqMan® Array Gene Signature Cards that enable analysis of hundreds of TaqMan® Assays on a micro fluidic card with minimal effort.

MicroRNAs (miRNAs) are a class of naturally occurring noncoding RNAs that play a key role in gene regulation. These transcripts are highly conserved, single-stranded RNAs (~22 nucleotides) that are cleaved from larger hairpin precursor transcripts. MicroRNAs exert their regulatory effects through the RNA interference (RNAi) machinery by cleaving or, most often, repressing the translation of their messenger RNA (mRNA) targets and are predicted to regulate at least one third of all human genes [1].

This newly discovered form of posttranscriptional gene regulation has been demonstrated to play important roles in a variety of fundamental cellular processes, including cell proliferation, differentiation, and death [2]. As a result, miRNAs may be directly involved in the development and progression of human diseases such as cancer, thereby representing an important regulatory mechanism to understand.

Comprehensive coverage of Sanger miRBase v15 is enabled across a two-card set of TaqMan® Array MicroRNA Cards (Cards A and B) for a total of 641 and 373 unique assays, specific to mouse or rat miRNAs, respectively. In addition, each card contains six control assays—five carefully selected candidate endogenous control assays (three relevant to mouse and three relevant to rat), and one negative control assay. Card A focuses on more highly characterized

miRNAs, while Card B contains many of the more recently discovered miRNAs along with the miR* sequences. To meet the needs of more focused studies, Cards A and B can be purchased and run separately.

For a convenient and streamlined workflow, each TaqMan® Array MicroRNA Card is used in conjunction with Megaplex™ RT Primers—predefined pools of up to 381 RT primers. Two pools of Megaplex™ RT Primers (Rodent Pools A and B) are available to complement the assays on the respective cards. Additionally, when assay sensitivity is of the utmost importance, or when sample is limiting, a preamplification step using Megaplex™ PreAmp Primers can be added. The PreAmp Primers significantly enhance the ability to detect low-expression miRNAs, enabling the generation of a comprehensive expression profile using as little as 1 ng of input total RNA.

Together, these products create the ideal workflow for running hundreds of TaqMan® MicroRNA Assays in as little as 5 hours, and are the perfect solution for miRNA profiling applications. Combined with the data quality advantages of TaqMan® MicroRNA Assays—unsurpassed sensitivity, high specificity, and wide dynamic range—this provides significant advantages over microarrays.

References

- Zamore PD, Haley B (2005) *Science* 39:1519–1524.
- Miska EA (2005) *Curr Opin Genet Dev* 15:563–568.

TaqMan® Array Gene Signature Cards

Gene Signature Card Name	# of miRNA Targets + Controls	Format	# of Cards	Cat. No.
Rodent Array MicroRNA Card				
Rodent Card A v2	375 + 6	Format 384	4 cards	4398967
Rodent Card B v3	375 + 6	Format 384	4 cards	4444899
Rodent A and B Card Set v3	750 + 6	Format 384	8 cards	4444909

Associated Products

Reagents	Cat. No.
Megaplex™ RT for TaqMan® MicroRNA Assays	
• Megaplex™ RT Primers	
Rodent Pool A v2	Multiple [†]
Rodent Pool B v3	
TaqMan® MicroRNA Reverse Transcription Kit	
200 reactions	4366596
1,000 reactions	4366597
TaqMan® 2X Universal Master Mix II, No UNG , 1 x 5 mL	4440040

[†]Visit mirna.appliedbiosystems.com for product information.

TaqMan® Array Rodent MicroRNA Card A v2

	mmu-let-7b	mmu-let-7c	mmu-let-7d	mmu-let-7g	mmu-let-7i	mmu-miR-1	rno-miR-1	mmu-miR-7a	mmu-miR-7b	Mamm U6	Mamm U6	mmu-miR-9	mmu-miR-10a	mmu-miR-10b	mmu-miR-15a	mmu-miR-15b	mmu-miR-16	rno-miR-17-3p	mmu-miR-18a	mmu-miR-19a	mmu-miR-19b	mmu-miR-20a			
A	mmu-miR-20b	rno-miR-20b	mmu-miR-21	mmu-miR-21	mmu-miR-24	mmu-miR-25	mmu-miR-26a	mmu-miR-26b	mmu-miR-27a	mmu-miR-27b	Mamm U6	Mamm U6	mmu-miR-28	mmu-miR-29b	mmu-miR-30b	mmu-miR-30c	mmu-miR-32	mmu-miR-34a	mmu-miR-34c	mmu-miR-93	mmu-miR-96	mmu-miR-98			
B	mmu-miR-99a	mmu-miR-99b	mmu-miR-100	mmu-miR-101a	mmu-miR-103	mmu-miR-105	mmu-miR-107	mmu-miR-122	mmu-miR-124	mmu-miR-125a-3p	mmu-miR-125a-5p	mmu-miR-125b-5p	mmu-miR-126-3p	mmu-miR-127	mmu-miR-128a	mmu-miR-130b	mmu-miR-132	mmu-miR-133a	mmu-miR-133b	mmu-miR-134	mmu-miR-135a				
C	mmu-miR-135b	mmu-miR-136	mmu-miR-137	mmu-miR-138	mmu-miR-139-3p	mmu-miR-139-5p	mmu-miR-140	mmu-miR-141	mmu-miR-142-3p	mmu-miR-142-5p	mmu-miR-145	mmu-miR-146a	mmu-miR-147	mmu-miR-148a	mmu-miR-150	mmu-miR-151-3p	mmu-miR-152	mmu-miR-153	mmu-miR-154	mmu-miR-181a	mmu-miR-181c				
D	mmu-miR-182	mmu-miR-183	mmu-miR-184	mmu-miR-185	mmu-miR-186	mmu-miR-190	mmu-miR-191	mmu-miR-192	mmu-miR-193	mmu-miR-194	mmu-miR-195	mmu-miR-196a	mmu-miR-197	mmu-miR-199a-3p	mmu-miR-200a	mmu-miR-200b	mmu-miR-201	mmu-miR-202	mmu-miR-203	mmu-miR-204	mmu-miR-205	mmu-miR-206			
E	mmu-miR-204	mmu-miR-205	mmu-miR-207	mmu-miR-207	mmu-miR-208	mmu-miR-208b	mmu-miR-210	mmu-miR-211	mmu-miR-214	mmu-miR-215	mmu-miR-202	mmu-miR-216a	mmu-miR-216b	mmu-miR-217	mmu-miR-218	mmu-miR-219	mmu-miR-220	mmu-miR-221	mmu-miR-222	mmu-miR-224	mmu-miR-229-3p	mmu-miR-231-3p			
F	mmu-miR-292-3p	mmu-miR-293	mmu-miR-294	mmu-miR-295	mmu-miR-296-3p	mmu-miR-296-5p	mmu-miR-297c	mmu-miR-297b-5p	mmu-miR-298	mmu-miR-301a	mmu-miR-301b	mmu-miR-302a	mmu-miR-302c	mmu-miR-302d	mmu-miR-302e	mmu-miR-323-3p	mmu-miR-324-5p	mmu-miR-325	mmu-miR-327	mmu-miR-328	mmu-miR-329	mmu-miR-330	mmu-miR-331-3p		
G	mmu-miR-333	mmu-miR-335-3p	mmu-miR-335-5p	mmu-miR-337-3p	mmu-miR-337-5p	mmu-miR-338-3p	mmu-miR-338-5p	mmu-miR-339-3p	mmu-miR-339-5p	mmu-miR-U87	mmu-miR-340-3p	mmu-miR-340-5p	mmu-miR-342-3p	mmu-miR-342-5p	mmu-miR-343	mmu-miR-344	mmu-miR-345-3p	mmu-miR-345-5p	mmu-miR-346	mmu-miR-347-3p	mmu-miR-347-5p	mmu-miR-348-3p	mmu-miR-348-5p		
H	mmu-miR-347	mmu-miR-349	mmu-miR-350	mmu-miR-351	mmu-miR-361	mmu-miR-362-3p	mmu-miR-363	mmu-miR-365	mmu-miR-367	mmu-miR-369-3p	mmu-miR-369-5p	mmu-miR-370	mmu-miR-375	mmu-miR-376a	mmu-miR-376b	mmu-miR-377	mmu-miR-379	mmu-miR-380-3p	mmu-miR-380-5p	mmu-miR-381	mmu-miR-382	mmu-miR-383			
I	mmu-miR-384-3p	mmu-miR-384-5p	mmu-miR-409-3p	mmu-miR-409-5p	mmu-miR-410	mmu-miR-411	mmu-miR-421	mmu-miR-423-5p	mmu-miR-425	mmu-miR-Y1	mmu-miR-431	mmu-miR-433	mmu-miR-434-3p	mmu-miR-448	mmu-miR-449a	mmu-miR-450-5p	mmu-miR-450-5p	mmu-miR-451	mmu-miR-453	mmu-miR-455	mmu-miR-456	mmu-miR-458-3p			
J	mmu-miR-465-5p	mmu-miR-465b-5p	mmu-miR-466	mmu-miR-466b	mmu-miR-467a	mmu-miR-467c	mmu-miR-467d	mmu-miR-467e	mmu-miR-470	mmu-miR-484	mmu-miR-486	mmu-miR-487b	mmu-miR-489	mmu-miR-491	mmu-miR-493	mmu-miR-494	mmu-miR-495	mmu-miR-497	mmu-miR-499	mmu-miR-500	mmu-miR-501-3p	mmu-miR-503	mmu-miR-504		
K	mmu-miR-505	mmu-miR-509-3p	mmu-miR-509-5p	mmu-miR-511	mmu-miR-532-3p	mmu-miR-532-5p	mmu-miR-539	mmu-miR-540-3p	mmu-miR-540-5p	mmu-miR-545-3p	mmu-miR-545-5p	mmu-miR-546-3p	mmu-miR-546-5p	mmu-miR-547	mmu-miR-548-3p	mmu-miR-549	mmu-miR-551b	mmu-miR-552-3p	mmu-miR-552-5p	mmu-miR-553	mmu-miR-558-5p	mmu-miR-559-5p	mmu-miR-561-5p		
L	mmu-miR-619-5p	mmu-miR-654-5p	mmu-miR-654-6p	mmu-miR-665-5p	mmu-miR-669a	mmu-miR-671-3p	mmu-miR-672	mmu-miR-673	mmu-miR-674	mmu-miR-676	mmu-miR-679	mmu-miR-704	mmu-miR-741	mmu-miR-742	mmu-miR-743b-3p	mmu-miR-743b-5p	mmu-miR-743d	mmu-miR-744	mmu-miR-748	mmu-miR-758	mmu-miR-760-5p	mmu-miR-770-3p	mmu-miR-802	mmu-miR-871	
M	mmu-miR-871	mmu-miR-872	mmu-miR-873	mmu-miR-874	mmu-miR-875-3p	mmu-miR-876-3p	mmu-miR-878	mmu-miR-878-5p	mmu-miR-879	mmu-miR-881	mmu-miR-881a	mmu-miR-883-3p	mmu-miR-883-5p	mmu-miR-885-3p	mmu-miR-887-3p	mmu-miR-891	mmu-miR-891-3p	mmu-miR-891-5p	mmu-miR-891-7p	mmu-miR-891-9p	mmu-miR-891-11p	mmu-miR-891-13p	mmu-miR-891-15p		
N	mmu-miR-450a	mmu-miR-452	mmu-miR-464	mmu-miR-467b	mmu-miR-468	mmu-miR-469	mmu-miR-490	mmu-miR-496	mmu-miR-505	mmu-miR-546	mmu-miR-547	mmu-miR-652	mmu-miR-667	mmu-miR-670	mmu-miR-676	mmu-miR-677	mmu-miR-679	mmu-miR-680	mmu-miR-682	mmu-miR-683	mmu-miR-688	mmu-miR-698-5p	mmu-miR-715-5p		
O	mmu-miR-684	mmu-miR-685	mmu-miR-686	mmu-miR-687	mmu-miR-7a	mmu-miR-7b	mmu-miR-106b	mmu-miR-105	mmu-miR-17	mmu-miR-23a	mmu-miR-29a	mmu-miR-30a	mmu-miR-30e	mmu-miR-31	mmu-miR-34b-3p	mmu-miR-34b-5p	mmu-miR-34b-7p	mmu-miR-34b-9p	mmu-miR-34b-11p	mmu-miR-34b-13p	mmu-miR-34b-15p	mmu-miR-34b-17p	mmu-miR-34b-19p		
P	mmu-miR-322	mmu-miR-323	mmu-miR-324	mmu-miR-325	mmu-miR-326	mmu-miR-327	mmu-miR-328	mmu-miR-329	mmu-miR-330	mmu-miR-331	mmu-miR-332	mmu-miR-333	mmu-miR-334	mmu-miR-335	mmu-miR-336	mmu-miR-337	mmu-miR-338	mmu-miR-339	mmu-miR-340	mmu-miR-341	mmu-miR-342	mmu-miR-343	mmu-miR-344		
Q	mmu-miR-345	mmu-miR-346	mmu-miR-347	mmu-miR-348	mmu-miR-349	mmu-miR-350	mmu-miR-351	mmu-miR-352	mmu-miR-353	mmu-miR-354	mmu-miR-355	mmu-miR-356	mmu-miR-357	mmu-miR-358	mmu-miR-359	mmu-miR-360	mmu-miR-361	mmu-miR-362	mmu-miR-363	mmu-miR-364	mmu-miR-365	mmu-miR-366	mmu-miR-367		
R	mmu-miR-368	mmu-miR-369	mmu-miR-370	mmu-miR-371	mmu-miR-372	mmu-miR-373	mmu-miR-374	mmu-miR-375	mmu-miR-376	mmu-miR-377	mmu-miR-378	mmu-miR-379	mmu-miR-380	mmu-miR-381	mmu-miR-382	mmu-miR-383	mmu-miR-384	mmu-miR-385	mmu-miR-386	mmu-miR-387	mmu-miR-388	mmu-miR-389	mmu-miR-390		
S	mmu-miR-391	mmu-miR-392	mmu-miR-393	mmu-miR-394	mmu-miR-395	mmu-miR-396	mmu-miR-397	mmu-miR-398	mmu-miR-399	mmu-miR-400	mmu-miR-401	mmu-miR-402	mmu-miR-403	mmu-miR-404	mmu-miR-405	mmu-miR-406	mmu-miR-407	mmu-miR-408	mmu-miR-409	mmu-miR-410	mmu-miR-411	mmu-miR-412	mmu-miR-413		
T	mmu-miR-414	mmu-miR-415	mmu-miR-416	mmu-miR-417	mmu-miR-418	mmu-miR-419	mmu-miR-420	mmu-miR-421	mmu-miR-422	mmu-miR-423	mmu-miR-424	mmu-miR-425	mmu-miR-426	mmu-miR-427	mmu-miR-428	mmu-miR-429	mmu-miR-430	mmu-miR-431	mmu-miR-432	mmu-miR-433	mmu-miR-434	mmu-miR-435	mmu-miR-436		
U	mmu-miR-437	mmu-miR-438	mmu-miR-439	mmu-miR-440	mmu-miR-441	mmu-miR-442	mmu-miR-443	mmu-miR-444	mmu-miR-445	mmu-miR-446	mmu-miR-447	mmu-miR-448	mmu-miR-449	mmu-miR-450	mmu-miR-451	mmu-miR-452	mmu-miR-453	mmu-miR-454	mmu-miR-455	mmu-miR-456	mmu-miR-457	mmu-miR-458	mmu-miR-459		
V	mmu-miR-460	mmu-miR-461	mmu-miR-462	mmu-miR-463	mmu-miR-464	mmu-miR-465	mmu-miR-466	mmu-miR-467	mmu-miR-468	mmu-miR-469	mmu-miR-470	mmu-miR-471	mmu-miR-472	mmu-miR-473	mmu-miR-474	mmu-miR-475	mmu-miR-476	mmu-miR-477	mmu-miR-478	mmu-miR-479	mmu-miR-480	mmu-miR-481	mmu-miR-482		
W	mmu-miR-483	mmu-miR-484	mmu-miR-485	mmu-miR-486	mmu-miR-487	mmu-miR-488	mmu-miR-489	mmu-miR-490	mmu-miR-491	mmu-miR-492	mmu-miR-493	mmu-miR-494	mmu-miR-495	mmu-miR-496	mmu-miR-497	mmu-miR-498	mmu-miR-499	mmu-miR-500	mmu-miR-501	mmu-miR-502	mmu-miR-503	mmu-miR-504	mmu-miR-505		
X	mmu-miR-506	mmu-miR-507	mmu-miR-508	mmu-miR-509	mmu-miR-510	mmu-miR-511	mmu-miR-512	mmu-miR-513	mmu-miR-514	mmu-miR-515	mmu-miR-516	mmu-miR-517	mmu-miR-518	mmu-miR-519	mmu-miR-520	mmu-miR-521	mmu-miR-522	mmu-miR-523	mmu-miR-524	mmu-miR-525	mmu-miR-526	mmu-miR-527	mmu-miR-528		
Y	mmu-miR-529	mmu-miR-530	mmu-miR-531	mmu-miR-532	mmu-miR-533	mmu-miR-534	mmu-miR-535	mmu-miR-536	mmu-miR-537	mmu-miR-538	mmu-miR-539	mmu-miR-540	mmu-miR-541	mmu-miR-542	mmu-miR-543	mmu-miR-544	mmu-miR-545	mmu-miR-546	mmu-miR-547	mmu-miR-548	mmu-miR-549	mmu-miR-550	mmu-miR-551		
Z	mmu-miR-552	mmu-miR-553	mmu-miR-554	mmu-miR-555	mmu-miR-556	mmu-miR-557	mmu-miR-558	mmu-miR-559	mmu-miR-560	mmu-miR-561	mmu-miR-562	mmu-miR-563	mmu-miR-564	mmu-miR-565	mmu-miR-566	mmu-miR-567	mmu-miR-568	mmu-miR-569	mmu-miR-570	mmu-miR-571	mmu-miR-572	mmu-miR-573	mmu-miR-574		
A'	mmu-miR-575	mmu-miR-576	mmu-miR-577	mmu-miR-578	mmu-miR-579	mmu-miR-580	mmu-miR-581	mmu-miR-582	mmu-miR-583	mmu-miR-584	mmu-miR-585	mmu-miR-586	mmu-miR-587	mmu-miR-588	mmu-miR-589	mmu-miR-590	mmu-miR-591	mmu-miR-592	mmu-miR-593	mmu-miR-594	mmu-miR-595	mmu-miR-596	mmu-miR-597		
B'	mmu-miR-598	mmu-miR-599	mmu-miR-600	mmu-miR-601	mmu-miR-602	mmu-miR-603	mmu-miR-604	mmu-miR-605	mmu-miR-606	mmu-miR-607	mmu-miR-608	mmu-miR-609	mmu-miR-610	mmu-miR-611	mmu-miR-612	mmu-miR-613	mmu-miR-614	mmu-miR-615	mmu-miR-616	mmu-miR-617	mmu-miR-618	mmu-miR-619	mmu-miR-620		
C'	mmu-miR-621	mmu-miR-622	mmu-miR-623	mmu-miR-624	mmu-miR-625	mmu-miR-626	mmu-miR-627	mmu-miR-628	mmu-miR-629	mmu-miR-630	mmu-miR-631	mmu-miR-632	mmu-miR-633	mmu-miR-634	mmu-miR-635	mmu-miR-636	mmu-miR-637	mmu-miR-638	mmu-miR-639	mmu-miR-640	mmu-miR-641	mmu-miR-642	mmu-miR-643		
D'	mmu-miR-644	mmu-miR-645	mmu-miR-646	mmu-miR-647	mmu-miR-648	mmu-miR-649	mmu-miR-650	mmu-miR-651	mmu-miR-652	mmu-miR-653	mmu-miR-654	mmu-miR-655	mmu-miR-656	mmu-miR-657	mmu-miR-658	mmu-miR-659	mmu-miR-660	mmu-miR-661	mmu-miR-662	mmu-miR-663	mmu-miR-664	mmu-miR-665	mmu-miR-666		
E'	mmu-miR-667	mmu-miR-668	mmu-miR-669	mmu-miR-670	mmu-miR-671	mmu-miR-672	mmu-miR-673	mmu-miR-674	mmu-miR-675	mmu-miR-676	mmu-miR-677	mmu-miR-678	mmu-miR-679	mmu-miR-680	mmu-miR-681	mmu-miR-682	mmu-miR-683	mmu-miR-684	mmu-miR-685	mmu-miR-686	mmu-miR-687	mmu-miR-688	mmu-miR-689		
F'	mmu-miR-690	mmu-miR-691	mmu-miR-692	mmu-miR-693	mmu-miR-694	mmu-miR-695	mmu-miR-696	mmu-miR-697	mmu-miR-698	mmu-miR-699	mmu-miR-700	mmu-miR-701	mmu-miR-702	mmu-miR-703	mmu-miR-704	mmu-miR-705	mmu-miR-706	mmu-miR-707	mmu-miR-708	mmu-miR-709	mmu-miR-710	mmu-miR-711	mmu-miR-712		
G'	mmu-miR-713	mmu-miR-714	mmu-miR-715	mmu-miR-716	mmu-miR-717	mmu-miR-718	mmu-miR-719	mmu-miR-720	mmu-miR-721	mmu-miR-722	mmu-miR-723	mmu-miR-724	mmu-miR-725	mmu-miR-726	mmu-miR-727	mmu-miR-728	mmu-miR-729	mmu-miR-730	mmu-miR-731	mmu-miR-732	mmu-miR-733	mmu-miR-734	mmu-miR-735		
H'	mmu-miR-736	mmu-miR-737	mmu-miR-738	mmu-miR-739	mmu-miR-740	mmu-miR-741	mmu-miR-742	mmu-miR-743	mmu-miR-744	mmu-miR-745	mmu-miR-746	mmu-miR-747	mmu-miR-748	mmu-miR-749	mmu-miR-750	mmu-miR-751	mmu-miR-752	mmu-miR-753	mmu-miR-754	mmu-miR-755	mmu-miR-756				

TaqMan® Array Rodent MicroRNA Card B v3

A	hsa-miR-136*	hsa-miR-30c-1*	hsa-miR-30c-2*	hsa-miR-148a*	hsa-miR-33a*	hsa-miR-93*	hsa-miR-29b-2*	hsa-let-7i*	hsa-miR-15b*	hsa-miR-27b*	Mamm U6	Mamm U6	hsa-miR-935	hsa-miR-99b*	hsa-miR-124*	hsa-miR-127-5p	hsa-miR-411*	hsa-miR-149	hsa-miR-378	hsa-miR-208a*	mmu-miR-10b	hsa-miR-340	
B	hsa-miR-338	-324-3p	-30a-3p	-30c-3p	hsa-miR-223	-223	-214	-213	-200	-143	Mamm U6	Mamm U6	hsa-miR-136	hsa-miR-299-5p	hsa-miR-412	hsa-miR-425	mmu-miR-504	mmu-miR-1224	mmu-miR-363*	mmu-miR-217	mmu-miR-291-3p	mmu-miR-292-3p	
C	mmu-miR-300	mmu-miR-300	mmu-miR-322	mmu-miR-325	mmu-miR-330	mmu-miR-337	mmu-miR-345	mmu-miR-370	mmu-miR-433	mmu-miR-513	mmu-miR-483	mmu-miR-494	mmu-miR-509	mmu-miR-532	mmu-miR-696	mmu-miR-700	mmu-miR-701	mmu-miR-702	mmu-miR-133a*	mmu-miR-133b*			
D	mmu-miR-706	mmu-miR-706	mmu-miR-711	mmu-miR-711	mmu-miR-713	mmu-miR-715	mmu-miR-717	mmu-miR-718	mmu-miR-721	mmu-miR-729	mmu-miR-691	mmu-miR-135	mmu-miR-692	mmu-miR-694	mmu-miR-695	mmu-miR-697	mmu-miR-20b	mmu-miR-350	mmu-miR-489	mmu-miR-29c*	mmu-miR-26b*	hsa-miR-27a*	
E	hsa-miR-29a*	hsa-miR-29a*	mmu-miR-488*	mmu-miR-758	mmu-miR-762	mmu-miR-764	mmu-miR-766	mmu-miR-768	mmu-miR-773	mmu-miR-779	mmu-miR-693-3p	mmu-miR-374*	mmu-miR-804	mmu-miR-805	mmu-miR-806	mmu-miR-807	mmu-miR-808	mmu-miR-809	mmu-miR-810	mmu-miR-811	mmu-miR-812	mmu-miR-813	
F	mmu-miR-7c-1*	-327	mmu-miR-376a*	-343	mmu-miR-16*	-18a*	-20a*	-24a*	-31*	-92a*	mmu-miR-202	mmu-miR-29b*	mmu-miR-30b*	mmu-miR-101a*	mmu-miR-125b*	mmu-miR-141*	mmu-miR-145*	mmu-miR-145*	mmu-miR-145*	mmu-miR-145*	mmu-miR-145*		
G	mmu-miR-878-3p	mmu-miR-872*	mmu-miR-17*	-19a*	mmu-miR-28*	-87*	-87*	-212	-138*	-302c*	mmu-miR-483*	mmu-miR-541	mmu-miR-467e*	mmu-miR-10b	mmu-miR-186	mmu-miR-412	mmu-miR-191*	mmu-miR-203*	mmu-miR-463*	mmu-miR-34c*	mmu-miR-466a-3p	mmu-miR-470*	
H	hsa-miR-455	hsa-miR-493-3p	hsa-miR-376a*	hsa-miR-70*	mmu-miR-543	hsa-miR-487b	mmu-miR-1935-5p	mmu-miR-449b	mmu-miR-719	mmu-miR-768	mmu-miR-87	mmu-miR-467a	mmu-miR-485-3p	mmu-miR-673	mmu-miR-674*	mmu-miR-675	mmu-miR-676*	mmu-miR-677	mmu-miR-678	mmu-miR-679	mmu-miR-680	mmu-miR-681	mmu-miR-682
I	hsa-miR-30d*	hsa-miR-431*	hsa-miR-744*	hsa-miR-708*	hsa-miR-106b*	hsa-let-7b*	hsa-let-7e*	hsa-let-450b-3p	hsa-let-712	hsa-let-465c-5p	hsa-let-463	mmu-miR-880	mmu-miR-883-5p	mmu-miR-884-5p	mmu-miR-885-5p	mmu-miR-886-5p	mmu-miR-887-5p	mmu-miR-888-5p	mmu-miR-889-5p	mmu-miR-890-5p	mmu-miR-891-5p	mmu-miR-892-5p	
J	mmu-miR-1-2a-1s	-4671	hsa-miR-669-5p	-880	rno-miR-409-3p	-146b	-423-3p	-151-5p	-338-5p	-590-5p	Y1	hsa-miR-421	hsa-miR-1197	hsa-miR-471	hsa-miR-770-5p	hsa-miR-882	hsa-miR-299	hsa-miR-300*	hsa-miR-362-5p	hsa-miR-743a	hsa-miR-148-5p	hsa-miR-743b	
K	rno-miR-152b*-135a*	rno-miR-204*	rno-miR-24-1*	-25*	rno-miR-29b-1*	-189	-666	-547	rno-miR-2138	rno-miR-767	rno-miR-2146	rno-miR-105	rno-miR-294	rno-miR-2183	rno-miR-220	rno-miR-293	rno-miR-632	rno-miR-599	rno-miR-2124	rno-miR-653	rno-miR-2139	rno-miR-465	
L	mmu-miR-2136	mmu-miR-432	mmu-miR-711	-876	rno-miR-2135	mmu-miR-671-5p	hsa-miR-144	-15a*	-503*	mmu-miR-218-1*	mmu-miR-159	mmu-miR-150	rno-miR-1*	hsa-miR-200b	mmu-miR-653	mmu-miR-1191	mmu-miR-1904	mmu-miR-1941-3p	mmu-miR-297a	mmu-miR-157	mmu-miR-709	mmu-miR-1274a	mmu-miR-1306
M	mmu-miR-1839-3p	-1839-3p	mmu-miR-1893	-1896	-1897-3p	-1897-5p	-1898	-1899	-1900	-1901	-1902	-1903	-1905	mmu-miR-1927	mmu-miR-1930	mmu-miR-1932	mmu-miR-1933-3p	mmu-miR-1934	mmu-miR-1935	mmu-miR-1936	mmu-miR-1938	mmu-miR-1939	
N	mmu-miR-1940-1941-5p	-1942	-1944	-1945	-1947	-1948	-1950	-1951	-1952	-1953	-1954	-1958	-1959	mmu-miR-1960	mmu-miR-1963	mmu-miR-1964	mmu-miR-1965	mmu-miR-1967	mmu-miR-1968	mmu-miR-1969	mmu-miR-1970		
O	mmu-miR-1971-1981	-1982-1	-1992-1	-1992-2	-669i	-669n	-669o	-7g	-466d-5p	hsa-let-711*	mmu-miR-669c	mmu-miR-1186	-5516	mmu-miR-3024*	mmu-miR-154*	mmu-miR-1894-5p	mmu-miR-669n	mmu-miR-1191	mmu-miR-466k	mmu-miR-1894-3p	mmu-miR-466j	mmu-miR-1937b	
P	hsa-miR-196a	hsa-miR-875-5p	hsa-miR-206	mmu-miR-290	-707	hsa-miR-764-5p	mmu-miR-485-5p	mmu-miR-199b	-697	-501	mmu-miR-592	mmu-miR-466b-3p	mmu-miR-294*	mmu-miR-1194	mmu-miR-1943	mmu-miR-1945	mmu-miR-1946	mmu-miR-1947	mmu-miR-1948	mmu-miR-1949	mmu-miR-1950	mmu-miR-1946a	

Learn more about Megaplex™ Primer Pools and TaqMan® Array MicroRNA Cards at mirna.appliedbiosystems.com.

For Research Use Only. Not intended for any animal or human therapeutic or diagnostic use.

Practice of the patented 5' Nuclease Process requires a license from Applied Biosystems. The purchase of TaqMan® Array Rodent MicroRNA Card includes an immunity from suit under patents specified in the product insert to use only the amount purchased for the purchaser's own internal research when used with the separate purchase of an Authorized 5' Nuclease Core Kit. No other patent rights are conveyed expressly, by implication, or by estoppel. For further information on purchasing licenses contact the Director of Licensing, Applied Biosystems, 850 Lincoln Centre Drive, Foster City, California 94404, USA.

The TaqMan® Array is covered by U.S. Patents Nos. 6,514,750 and 6,942,837. Micro Fluidic Card developed in collaboration with 3M Company.

© 2010 Life Technologies Corporation. All rights reserved. The trademarks mentioned herein are the property of Life Technologies Corporation or their respective owners. TaqMan is a registered trademark of Roche Molecular Systems, Inc.

Printed in the USA. 10/2010 CO14282



www.appliedbiosystems.com