

Supplemental Table 2: All altered miRNAs

	24 hours				48 hours			
	<u>Viable/Control</u>		<u>Viable/HIC control</u>		<u>Viable/Control</u>		<u>Viable/HIC control</u>	
	FC	FDR	FC	FDR	FC	FDR	FC	FDR
<b>mmu-let-7a-5p</b>	-3.45	0.2	-3.09	0.24	-4.80	0.03*	-5.80	0.02*
<b>mmu-let-7b-5p</b>	-2.35	0.17	-2.15	0.21	-3.76	0.04*	-4.24	0.03*
<b>mmu-let-7c-5p</b>	-2.75	0.21	-2.58	0.23	-4.26	0.04*	-5.16	0.03*
<b>mmu-let-7d-5p</b>	-2.89	0.12	-2.41	0.17	-5.12	0.00*	-5.69	0.00*
<b>mmu-let-7f-5p</b>	-2.45	0.19	-2.37	0.22	-4.93	0.01*	-4.6	0.01*
<b>mmu-let-7g-5p</b>	-3.94	0.17	-3.21	0.21	-7.27	0.00*	-7.15	0.00*
<b>mmu-let-7i-5p</b>	-1.46	0.32	-1.39	0.39	-2.2	0.03*	-2.38	0.02*
<b>mmu-miR-100-5p</b>	-1.54	0.26	-1.67	0.22	-3	0.00*	-2.87	0.00*
<b>mmu-miR-101a-3p</b>	-1.83	0.25	-1.95	0.23	-3.6	0.02*	-3.37	0.03*
<b>mmu-miR-101a-3p/ mmu-miR-101c</b>	-2.01	0.17	-2.08	0.2	-3.63	0.01*	-3.22	0.01*
<b>mmu-miR-101b-3p</b>	-1.38	0.27	-1.52	0.22	-2.21	0.02*	-2.19	0.01*
<b>mmu-miR-103-3p</b>	-2.55	0.17	-2.81	0.17	-5.98	0.01*	-6.03	0.01*
<b>mmu-miR-106a-5p</b>	-1.87	0.16	-2.06	0.16	-3.34	0.00*	-2.99	0.00*
<b>mmu-miR-106b-5p</b>	-4.56	0.17	-4.69	0.19	-12.51	0.00*	-12.14	0.00*
<b>mmu-miR-107-3p</b>	-1.89	0.17	-2.27	0.16	-4.1	0.00*	-4.00	0.00*
<b>mmu-miR-10a-5p</b>	-1.91	0.26	-1.95	0.25	-4.42	0.01*	-3.68	0.01*
<b>mmu-miR-10b-5p</b>	-1.53	0.27	-1.83	0.19	-2.89	0.00*	-2.51	0.00*
<b>mmu-miR-1192</b>	-1.95	0.17	-1.58	0.29	-2.12	0.03*	-2.12	0.02*

	24 hours				48 hours			
	<u>Viable/Control</u>		<u>Viable/HIC control</u>		<u>Viable/Control</u>		<u>Viable/HIC control</u>	
	FC	FDR	FC	FDR	FC	FDR	FC	FDR
<b>mmu-miR-125a-5p</b>	-2.07	0.22	-2.03	0.24	-4.46	0.02*	-4.45	0.02*
<b>mmu-miR-125b-5p</b>	-2.12	0.23	-2.15	0.23	-5.33	0.03*	-5.47	0.03*
<b>mmu-miR-126a-3p</b>	-2.98	0.25	-2.98	0.25	-6.55	0.01*	-5.76	0.02*
<b>mmu-miR-126a-5p</b>	-2.27	0.2	-2.28	0.22	-4.39	0.01*	-4.07	0.01*
<b>mmu-miR-130a-3p</b>	-3.94	0.11	-3.64	0.16	-10.05	0.00*	-7.74	0.00*
<b>mmu-miR-133a-3p</b>	-3.52	0.16	-4.53	0.16	-7.08	0.00*	-6.16	0.00*
<b>mmu-miR-133b-3p</b>	-3.88	0.16	-4.7	0.16	-7.78	0.00*	-6.68	0.00*
<b>mmu-miR-140-3p</b>	-3.55	0.16	-3.61	0.17	-8.85	0.00*	-8.1	0.00*
<b>mmu-miR-140-5p</b>	-1.42	0.29	-1.56	0.23	-2.13	0.02*	-2.1	0.02*
<b>mmu-miR-141-3p</b>	-1.26	0.41	-1.50	0.23	-2.47	0.03*	-2.45	0.02*
<b>mmu-miR-142-3p</b>	-1.46	0.46	-1.66	0.32	-2.41	0.11	-2.65	0.11
<b>mmu-miR-142-5p</b>	-1.65	0.21	-1.94	0.17	-2.68	0.01*	-2.67	0.01*
<b>mmu-miR-143-3p</b>	-2.92	0.25	-2.91	0.26	-8.49	0.05*	-8.32	0.05*
<b>mmu-miR-144-3p</b>	-1.66	0.2	-2.01	0.17	-3.37	0.02*	-2.23	0.03*
<b>mmu-miR-145a-5p/ mmu-miR-145b</b>	-4.78	0.17	-4.23	0.21	-12.95	0.01*	-12.24	0.01*
<b>mmu-miR-146a-5p</b>	-2.44	0.25	-2.77	0.22	-5.62	0.01*	-5.74	0.01*
<b>mmu-miR-146b-5p</b>	-1.67	0.43	-1.94	0.32	-3.61	0.03*	-3.86	0.02*
<b>mmu-miR-148b-3p</b>	-1.74	0.17	-2.08	0.16	-2.96	0.00*	-2.75	0.00*
<b>mmu-miR-151-3p</b>	-1.38	0.29	-1.57	0.22	-2.3	0.01*	-2.29	0.01*

	24 hours				48 hours			
	<u>Viable/Control</u>		<u>Viable/HIC control</u>		<u>Viable/Control</u>		<u>Viable/HIC control</u>	
	FC	FDR	FC	FDR	FC	FDR	FC	FDR
<b>mmu-miR-151-5p</b>	-3.53	0.11	-2.93	0.16	-7.77	0.00*	-6.36	0.00*
<b>mmu-miR-152-3p</b>	-2.12	0.11	-2.06	0.16	-3.47	0.00*	-3.28	0.00*
<b>mmu-miR-155-5p</b>	-1.38	0.4	-1.81	0.21	-2.33	0.01*	-2.35	0.01*
<b>mmu-miR-15a-5p</b>	-2.88	0.16	-3.14	0.17	-6.23	0.00*	-5.69	0.00*
<b>mmu-miR-15b-5p</b>	-4.86	0.11	-5.5	0.16	-10.38	0.00*	-8.61	0.00*
<b>mmu-miR-16-5p</b>	-5.28	0.16	-4.71	0.17	-18.29	0.00*	-14.82	0.00*
<b>mmu-miR-17-5p</b>	-2.09	0.17	-2.29	0.17	-4.69	0.00*	-4.17	0.00*
<b>mmu-miR-181a-5p</b>	-2.98	0.18	-3.28	0.19	-7.15	0.02*	-6.93	0.02*
<b>mmu-miR-181b-5p</b>	-2.05	0.17	-2.18	0.17	-4.01	0.00*	-3.88	0.00*
<b>mmu-miR-181d-5p</b>	-2.01	0.12	-1.92	0.16	-2.98	0.00*	-2.74	0.00*
<b>mmu-miR-183-3p</b>	3.86	0.16	3.22	0.17	4.65	0.00*	4.43	0.00*
<b>mmu-miR-1839-3p</b>	-1.45	0.2	-1.45	0.21	-2.17	0.00*	-2	0.00*
<b>mmu-miR-184-5p</b>	-1.37	0.39	-1.34	0.42	-2.2	0.07	-2.14	0.08
<b>mmu-miR-1843a-5p</b>	-2.34	0.12	-2.19	0.16	-4.4	0.00*	-3.68	0.00*
<b>mmu-miR-1843b-3p</b>	6.4	0.11	6.23	0.16	13.3	0.00*	10.64	0.00*
<b>mmu-miR-1843b-5p</b>	-2.18	0.12	-2.08	0.16	-3.54	0.00*	-2.97	0.00*
<b>mmu-miR-185-5p</b>	-1.61	0.17	-1.72	0.17	-2.69	0.00*	-2.64	0.00*
<b>mmu-miR-187-3p</b>	-1.51	0.17	-1.59	0.19	-2.10	0.00*	-2.22	0.00*
<b>mmu-miR-1894-3p</b>	2.77	0.12	2.28	0.17	2.72	0.00*	2.76	0.00*

	24 hours				48 hours			
	<u>Viable/Control</u>		<u>Viable/HIC control</u>		<u>Viable/Control</u>		<u>Viable/HIC control</u>	
	FC	FDR	FC	FDR	FC	FDR	FC	FDR
<b>mmu-miR-1897-5p</b>	1.49	0.24	<b>2.08</b>	0.17	<b>3.47</b>	0.01*	<b>2.97</b>	0.00*
<b>mmu-miR-191-5p</b>	<b>-4.66</b>	0.13	<b>-4.55</b>	0.16	<b>-11.14</b>	0.00*	<b>-10.62</b>	0.00*
<b>mmu-miR-1929-5p</b>	-1.75	0.17	-1.45	0.3	<b>-2.04</b>	0.01*	-1.91	0.01*
<b>mmu-miR-193a-3p</b>	-1.82	0.17	<b>-2.14</b>	0.17	<b>-3.19</b>	0.00*	<b>-3.04</b>	0.00*
<b>mmu-miR-1941-3p</b>	<b>2.29</b>	0.11	<b>2.17</b>	0.16	<b>3.21</b>	0.01*	<b>3.02</b>	0.01*
<b>mmu-miR-1947-3p</b>	<b>6.44</b>	0.11	<b>5.91</b>	0.16	<b>13.52</b>	0.01*	<b>11.39</b>	0.01*
<b>mmu-miR-1949</b>	-1.62	0.26	-1.72	0.22	<b>-2.86</b>	0.00*	<b>-2.51</b>	0.00*
<b>mmu-miR-195a-5p</b>	<b>-5.66</b>	0.11	<b>-5.35</b>	0.16	<b>-13.79</b>	0.00*	<b>-10.99</b>	0.00*
<b>mmu-miR-1961</b>	-1.47	0.2	-1.48	0.21	<b>-2.09</b>	0.01*	<b>-2.12</b>	0.00*
<b>mmu-miR-1981-3p</b>	<b>2.99</b>	0.11	<b>2.97</b>	0.16	<b>4.48</b>	0.00*	<b>3.94</b>	0.00*
<b>mmu-miR-199a-3p/ mmu-miR-199b-3p</b>	<b>-3.95</b>	0.12	<b>-3.86</b>	0.16	<b>-9.72</b>	0.00*	<b>-8.7</b>	0.00*
<b>mmu-miR-199a-5p</b>	<b>-2.84</b>	0.17	<b>-3.54</b>	0.17	<b>-7.35</b>	0.00*	<b>-7.97</b>	0.00*
<b>mmu-miR-199b-5p</b>	-1.67	0.22	<b>-2.27</b>	0.17	<b>-3.45</b>	0.01*	<b>-3.48</b>	0.00*
<b>mmu-miR-19b-3p</b>	-1.42	0.2	-1.51	0.2	<b>-2.12</b>	0.01*	<b>-2.14</b>	0.01*
<b>mmu-miR-1a-3p</b>	-1.97	0.17	-1.99	0.17	<b>-3.07</b>	0.01*	<b>-2.47</b>	0.00*
<b>mmu-miR-200a-3p</b>	<b>-2.15</b>	0.27	<b>-2.31</b>	0.25	<b>-5.78</b>	0.01*	<b>-5.59</b>	0.01*
<b>mmu-miR-200b-3p</b>	-1.41	0.35	-1.34	0.41	<b>-2.2</b>	0.01*	-1.94	0.02*
<b>mmu-miR-200c-3p</b>	-1.81	0.17	-1.58	0.23	<b>-3.51</b>	0.01*	<b>-2.75</b>	0.01*
<b>mmu-miR-205-5p</b>	-1.29	0.4	-1.70	0.21	<b>-3.27</b>	0.01*	<b>-2.51</b>	0.00*

	24 hours				48 hours			
	<u>Viable/Control</u>		<u>Viable/HIC control</u>		<u>Viable/Control</u>		<u>Viable/HIC control</u>	
	FC	FDR	FC	FDR	FC	FDR	FC	FDR
<b>mmu-miR-20a-5p</b>	-1.87	0.24	-2.30	0.19	-4.20	0.00*	-3.77	0.00*
<b>mmu-miR-20b-5p</b>	-1.49	0.25	-1.8	0.19	-2.31	0.01*	-2.29	0.01*
<b>mmu-miR-210-3p</b>	-1.37	0.34	-1.43	0.29	-2.21	0.01*	-2.12	0.01*
<b>mmu-miR-2137</b>	10.23	0.11	7.11	0.16	15.35	0.00*	13.14	0.00*
<b>mmu-miR-214-3p</b>	-4.71	0.11	-4.03	0.16	-10.33	0.00*	-9.49	0.00*
<b>mmu-miR-21a-5p</b>	-1.77	0.52	-2.04	0.43	-4.64	0.04*	-4.82	0.05*
<b>mmu-miR-22-3p</b>	-1.37	0.4	-1.49	0.31	-4.46	0.04*	-4.28	0.04*
<b>mmu-miR-22-5p</b>	-1.93	0.17	-2.08	0.17	-3.48	0.00*	-3.44	0.00*
<b>mmu-miR-221-3p</b>	-2.01	0.19	-2.2	0.19	-4.36	0.00*	-4.25	0.00*
<b>mmu-miR-222-3p</b>	-1.40	0.29	-1.49	0.27	-2.39	0.02*	-2.30	0.01*
<b>mmu-miR-223-3p</b>	-1.96	0.16	-2.27	0.16	-3.75	0.00*	-3.35	0.00*
<b>mmu-miR-23a-3p</b>	-6.95	0.11	-5.43	0.16	-25.3	0.01*	-21.05	0.01*
<b>mmu-miR-23b-3p</b>	-16.47	0.11	-12.08	0.16	-62.23	0.00*	-52.84	0.00*
<b>mmu-miR-24-2-5p</b>	-1.64	0.13	-1.64	0.16	-2.5	0.00*	-2.35	0.00*
<b>mmu-miR-24-3p</b>	-10.44	0.12	-9.51	0.16	-34.34	0.00*	-32.66	0.00*
<b>mmu-miR-25-3p</b>	-2.28	0.17	-2.63	0.17	-5.58	0.00*	-4.79	0.00*
<b>mmu-miR-25-5p</b>	-1.58	0.16	-1.06	0.88	-2.44	0.07	-2.11	0.12
<b>mmu-miR-26a-5p</b>	-2.95	0.19	-3.00	0.21	-8.49	0.02*	-7.81	0.02*
<b>mmu-miR-26b-5p</b>	-5.44	0.16	-4.71	0.17	-14.11	0.00*	-12.42	0.00*

	24 hours				48 hours			
	<u>Viable/Control</u>		<u>Viable/HIC control</u>		<u>Viable/Control</u>		<u>Viable/HIC control</u>	
	FC	FDR	FC	FDR	FC	FDR	FC	FDR
<b>mmu-miR-27a-3p</b>	-4.54	0.17	-5.71	0.17	-11.96	0.00*	-14.07	0.00*
<b>mmu-miR-27b-3p</b>	-3.89	0.18	-4.8	0.17	-9.78	0.01*	-10.65	0.00*
<b>mmu-miR-28a-5p/ mmu-miR-28c</b>	-4.96	0.12	-3.88	0.16	-11.96	0.00*	-9.30	0.00*
<b>mmu-miR-290a-3p</b>	2.80	0.12	2.60	0.16	4.39	0.00*	4.03	0.00*
<b>mmu-miR-291a-5p</b>	1.98	0.17	1.77	0.22	2.35	0.00*	2.12	0.00*
<b>mmu-miR-291b-5p</b>	1.88	0.19	1.72	0.24	2.29	0.00*	2.11	0.00*
<b>mmu-miR-294-5p</b>	1.90	0.17	1.91	0.17	2.82	0.00*	2.53	0.00*
<b>mmu-miR-297a-3p/ mmu-miR-297b-3p/ mmu-miR-297c-3p</b>	-2.42	0.16	-1.97	0.21	-3.06	0.00*	-3.07	0.00*
<b>mmu-miR-299a-5p</b>	1.85	0.13	1.94	0.16	3.18	0.00*	2.89	0.00*
<b>mmu-miR-29a-3p</b>	-5.35	0.23	-6.6	0.21	-20.97	0.01*	-22.03	0.01*
<b>mmu-miR-29b-3p</b>	-2.43	0.16	-2.58	0.17	-6.35	0.00*	-5.55	0.00*
<b>mmu-miR-29c-3p</b>	-2.44	0.19	-2.87	0.19	-6.49	0.00*	-5.73	0.00*
<b>mmu-miR-302a-3p</b>	2.7	0.11	2.52	0.16	4.05	0.00*	3.49	0.01*
<b>mmu-miR-3068-3p</b>	-2.00	0.25	-2.17	0.24	-3.08	0.02*	-2.4	0.04*
<b>mmu-miR-3069-3p</b>	-2.67	0.16	-2.45	0.17	-4.18	0.00*	-3.88	0.00*
<b>mmu-miR-3081-5p</b>	2.04	0.17	1.79	0.23	2.65	0.00*	2.65	0.00*
<b>mmu-miR-3084-3p</b>	-1.42	0.46	-1.27	0.6	-2.76	0.04*	-2.01	0.11
<b>mmu-miR-3084-5p</b>	-1.78	0.17	-1.75	0.17	-2.83	0.00*	-2.09	0.01*
<b>mmu-miR-3098-3p</b>	1.54	0.17	1.85	0.17	3.11	0.00*	2.79	0.00*

	24 hours				48 hours			
	<u>Viable/Control</u>		<u>Viable/HIC control</u>		<u>Viable/Control</u>		<u>Viable/HIC control</u>	
	FC	FDR	FC	FDR	FC	FDR	FC	FDR
<b>mmu-miR-30a-3p</b>	-2.82	0.11	-2.62	0.16	-4.60	0.00*	-4.40	0.00*
<b>mmu-miR-30a-5p</b>	-2.74	0.19	-3.03	0.2	-7.02	0.00*	-6.46	0.00*
<b>mmu-miR-30b-5p</b>	-7.65	0.11	-6.83	0.16	-19.7	0.00*	-17.62	0.00*
<b>mmu-miR-30c-5p</b>	-10.58	0.11	-9.06	0.16	-24.9	0.00*	-21.05	0.00*
<b>mmu-miR-30d-5p</b>	-2.98	0.17	-3.24	0.17	-7.08	0.01*	-6.96	0.00*
<b>mmu-miR-30e-3p</b>	-3.28	0.11	-3.32	0.16	-6.67	0.00*	-5.53	0.00*
<b>mmu-miR-30e-5p</b>	-2.22	0.23	-2.66	0.21	-5.41	0.01*	-5.19	0.01*
<b>mmu-miR-3100-3p</b>	1.87	0.19	1.96	0.17	2.89	0.00*	2.61	0.00*
<b>mmu-miR-3103-3p</b>	4.07	0.12	4.12	0.16	12.69	0.00*	10.22	0.00*
<b>mmu-miR-3109-5p</b>	2.12	0.16	2.00	0.17	3.09	0.00*	2.89	0.00*
<b>mmu-miR-320-3p</b>	-1.53	0.29	-1.7	0.23	-2.53	0.01*	-2.48	0.01*
<b>mmu-miR-322-5p</b>	-2.03	0.12	-2.01	0.16	-3.22	0.00*	-2.85	0.00*
<b>mmu-miR-326-3p</b>	-1.93	0.17	-2.24	0.17	-3.66	0.01*	-3.72	0.00*
<b>mmu-miR-338-3p</b>	-1.67	0.17	-2.02	0.16	-2.88	0.00*	-2.54	0.00*
<b>mmu-miR-339-5p</b>	-1.35	0.42	-1.79	0.22	-2.9	0.01*	-3.15	0.01*
<b>mmu-miR-3473b</b>	3.21	0.16	3.36	0.16	4.27	0.00*	4.31	0.00*
<b>mmu-miR-3474</b>	1.69	0.21	1.6	0.23	4.17	0.00*	3.11	0.01*
<b>mmu-miR-34a-5p</b>	-1.68	0.37	-1.89	0.3	-4.37	0.02*	-4.69	0.01*
<b>mmu-miR-34b-3p</b>	-1.92	0.16	-1.85	0.18	-3.22	0.00*	-2.87	0.00*

	24 hours				48 hours			
	<u>Viable/Control</u>		<u>Viable/HIC control</u>		<u>Viable/Control</u>		<u>Viable/HIC control</u>	
	FC	FDR	FC	FDR	FC	FDR	FC	FDR
<b>mmu-miR-34b-5p</b>	-1.77	0.44	-2.1	0.33	-5.47	0.02*	-5.94	0.02*
<b>mmu-miR-34c-3p</b>	-2.41	0.11	-2.02	0.16	-3.4	0.00*	-3.1	0.00*
<b>mmu-miR-34c-5p</b>	-1.99	0.36	-2.25	0.3	-5.46	0.02*	-5.77	0.02*
<b>mmu-miR-351-5p</b>	-3.57	0.11	2.8	0.16	4.59	0.00*	4.38	0.00*
<b>mmu-miR-3544-3p</b>	5.37	0.11	4.00	0.16	6.6	0.00*	5.93	0.00*
<b>mmu-miR-3572-3p</b>	1.52	0.29	2.1	0.23	4.58	0.00*	2.72	0.00*
<b>mmu-miR-361-5p</b>	-1.76	0.21	-2.08	0.17	-3.65	0.00*	-3.16	0.00*
<b>mmu-miR-365-3p</b>	-1.74	0.19	-2.08	0.17	-3.49	0.00*	-3.34	0.00*
<b>mmu-miR-374b-5p</b>	-1.41	0.21	-1.3	0.31	-2.1	0.00*	-1.85	0.00*
<b>mmu-miR-375-3p</b>	-1.63	0.24	-1.65	0.24	-2.65	0.01*	-2.54	0.01*
<b>mmu-miR-378a-3p</b>	-1.14	0.71	-1.44	0.31	-2.27	0.08	-2.27	0.07
<b>mmu-miR-378a-3p/ mmu-miR-378b/ mmu-miR-378c</b>	-1.37	0.49	-1.78	0.22	-2.98	0.03*	-3.12	0.02*
<b>mmu-miR-378b</b>	-1.29	0.53	-1.57	0.25	-2.28	0.04*	-2.21	0.03*
<b>mmu-miR-381-5p</b>	2.30	0.11	1.90	0.16	2.61	0.00*	2.93	0.00*
<b>mmu-miR-3961</b>	-1.54	0.38	-1.49	0.4	-1.88	0.11	-2.13	0.06
<b>mmu-miR-3962</b>	-3.71	0.16	-3.09	0.19	-7.1	0.00*	-6.79	0.00*
<b>mmu-miR-3963</b>	-1.36	0.17	-1.54	0.21	-2.83	0.00*	-2.86	0.00*
<b>mmu-miR-3968</b>	-1.67	0.17	-1.62	0.21	-2.41	0.00*	-2.29	0.00*
<b>mmu-miR-3970</b>	-1.42	0.39	-1.35	0.47	-2.17	0.02*	-2.32	0.01*



	24 hours				48 hours			
	<u>Viable/Control</u>		<u>Viable/HIC control</u>		<u>Viable/Control</u>		<u>Viable/HIC control</u>	
	FC	FDR	FC	FDR	FC	FDR	FC	FDR
<b>mmu-miR-423-3p</b>	-1.39	0.17	-1.47	0.19	-2.18	0.00*	-2.05	0.00*
<b>mmu-miR-425-5p</b>	-1.53	0.21	-1.79	0.17	-2.19	0.01*	-2.37	0.00*
<b>mmu-miR-429-3p</b>	-1.23	0.54	-1.38	0.37	-2.35	0.02*	-2.20	0.02*
<b>mmu-miR-433-5p</b>	5.73	0.11	4.74	0.16	9.06	0.00*	8.26	0.00*
<b>mmu-miR-451a</b>	-4.81	0.16	-5.58	0.16	-17.6	0.01*	-6.24	0.01*
<b>mmu-miR-455-3p</b>	-3.00	0.11	-2.64	0.16	-4.79	0.01*	-4.34	0.00*
<b>mmu-miR-465b-5p</b>	1.72	0.17	1.85	0.17	2.92	0.00*	2.77	0.00*
<b>mmu-miR-466a-3p/ mmu-miR-466b-3p/ mmu-miR-466c-3p/ mmu-miR-466e-3p/ mmu-miR-466p-3p</b>	-2.34	0.16	-1.96	0.2	-2.98	0.00*	-3.02	0.00*
<b>mmu-miR-466d-3p</b>	-2.37	0.13	-2.1	0.17	-3.05	0.00*	-2.84	0.00*
<b>mmu-miR-466f-3p</b>	-2.38	0.17	-1.71	0.3	-2.4	0.02*	-2.37	0.01*
<b>mmu-miR-466i-3p</b>	-2.52	0.16	-2.04	0.21	-3.09	0.00*	-3.07	0.00*
<b>mmu-miR-466i-5p</b>	-1.24	0.38	1.34	0.42	2.23	0.04*	1.82	0.01*
<b>mmu-miR-466j</b>	-2.02	0.16	-1.68	0.21	-1.87	0.01*	-1.75	0.01*
<b>mmu-miR-466m-5p/ mmu-miR-669m-5p</b>	-2.14	0.16	-1.71	0.22	-1.78	0.02*	-1.7	0.01*
<b>mmu-miR-466q</b>	-2.31	0.17	-1.75	0.26	-2.47	0.01*	-2.49	0.00*
<b>mmu-miR-467a-3p</b>	-2.25	0.17	-1.86	0.24	-2.7	0.00*	-2.61	0.00*
<b>mmu-miR-467c-3p</b>	-1.99	0.16	-1.69	0.22	-2.26	0.01*	-2.31	0.00*
<b>mmu-miR-467e-3p</b>	-2.25	0.17	-1.75	0.27	-2.29	0.02*	-2.33	0.01*

	24 hours				48 hours			
	<u>Viable/Control</u>		<u>Viable/HIC control</u>		<u>Viable/Control</u>		<u>Viable/HIC control</u>	
	FC	FDR	FC	FDR	FC	FDR	FC	FDR
<b>mmu-miR-467g</b>	-2.58	0.16	-1.91	0.24	-2.69	0.01*	-2.70	0.00*
<b>mmu-miR-467h</b>	-2.06	0.16	-1.6	0.23	-2	0.01*	-1.96	0.00*
<b>mmu-miR-487b-3p</b>	-1.45	0.29	-1.67	0.21	-2.45	0.01*	-2.62	0.00*
<b>mmu-miR-491-3p</b>	-5.26	0.29	-5.54	0.27	-6.28	0.22	-9.34	0.15
<b>mmu-miR-497-5p</b>	-2.26	0.12	-2.28	0.16	-3.97	0.00*	-3.53	0.00*
<b>mmu-miR-500-3p</b>	-1.53	0.21	-1.59	0.21	-2.6	0.00*	-2.36	0.00*
<b>mmu-miR-5099</b>	-1.75	0.21	-1.69	0.24	-3.93	0.00*	-3.21	0.00*
<b>mmu-miR-5113</b>	1.51	0.21	2.1	0.17	3.32	0.01*	2.84	0.00*
<b>mmu-miR-5116</b>	1.68	0.19	1.72	0.2	2.62	0.00*	2.43	0.00*
<b>mmu-miR-5120</b>	5.83	0.11	5.24	0.16	9.41	0.00*	8.52	0.00*
<b>mmu-miR-5121</b>	-2.32	0.11	-2.63	0.16	-3.38	0.01*	-2.43	0.03*
<b>mmu-miR-5125</b>	1.22	0.35	1.48	0.17	2.11	0.00*	2.07	0.00*
<b>mmu-miR-542-5p</b>	2.36	0.12	2.05	0.17	2.54	0.01*	2.42	0.00*
<b>mmu-miR-551b-5p</b>	5.64	0.11	4.6	0.16	7.67	0.00*	7.13	0.00*
<b>mmu-miR-5621-5p</b>	1.71	0.25	1.87	0.19	3.06	0.00*	2.7	0.00*
<b>mmu-miR-5622-5p</b>	-1.66	0.17	-1.57	0.21	-2.1	0.00*	-2.08	0.00*
<b>mmu-miR-5624-5p</b>	1.12	0.54	1.59	0.17	2.09	0.00*	2.03	0.00*
<b>mmu-miR-574-3p</b>	-1.80	0.17	-1.73	0.19	-2.59	0.00*	-2.58	0.00*
<b>mmu-miR-592-3p</b>	9.11	0.02*	5.67	0.12	7.09	0.01*	5.58	0.02*

	24 hours				48 hours			
	<u>Viable/Control</u>		<u>Viable/HIC control</u>		<u>Viable/Control</u>		<u>Viable/HIC control</u>	
	FC	FDR	FC	FDR	FC	FDR	FC	FDR
mmu-miR-652-3p	-1.68	0.38	-1.92	0.29	-4.14	0.01*	-4.24	0.01*
mmu-miR-665-5p	2.32	0.11	2.96	0.16	4.51	0.00*	3.87	0.00*
mmu-miR-669a-3-3p	-2.55	0.16	-1.92	0.24	-2.74	0.01*	-2.73	0.00*
mmu-miR-669a-3p/ mmu-miR-669o-3p	-2.11	0.17	-1.67	0.27	-2.16	0.02*	-2.23	0.00*
mmu-miR-669b-3p	-3.15	0.16	-2.37	0.21	-4.27	0.00*	-3.92	0.00*
mmu-miR-669c-3p	-2.13	0.17	-1.62	0.31	-2.04	0.04*	-2.07	0.01*
mmu-miR-669c-5p	-1.14	0.54	1.49	0.27	2.23	0.03*	1.96	0.01*
mmu-miR-669d-2-3p/ mmu-miR-669d-3p	-1.62	0.21	-1.36	0.37	-2.16	0.01*	-1.95	0.01*
mmu-miR-669e-3p	-1.82	0.16	-1.59	0.22	-2.16	0.00*	-2.11	0.00*
mmu-miR-669f-3p	-2.59	0.16	-1.97	0.24	-2.72	0.01*	-2.7	0.00*
mmu-miR-669i	-2.00	0.13	-1.61	0.21	-2.18	0.01*	-2.02	0.01*
mmu-miR-669l-3p	-2.21	0.17	-1.85	0.22	-2.93	0.00*	-2.72	0.00*
mmu-miR-669m-3p	-2.61	0.12	-2.09	0.17	-3.44	0.00*	-2.92	0.00*
mmu-miR-669n	-1.1	0.68	1.5	0.27	2.28	0.03*	2.04	0.01*
mmu-miR-669p-3p	-2.05	0.17	-1.48	0.37	-1.86	0.07	-1.91	0.01*
mmu-miR-674-5p	-1.52	0.24	-1.65	0.22	-2.22	0.01*	-2.31	0.01*
mmu-miR-676-3p	-1.71	0.16	-1.75	0.17	-2.63	0.00*	-2.38	0.00*
mmu-miR-677-3p	8.84	0.11	6.43	0.16	15.98	0.00*	12.42	0.00*
mmu-miR-705	1.98	0.13	1.88	0.16	2.9	0.00*	2.93	0.00*

	24 hours				48 hours			
	<u>Viable/Control</u>		<u>Viable/HIC control</u>		<u>Viable/Control</u>		<u>Viable/HIC control</u>	
	FC	FDR	FC	FDR	FC	FDR	FC	FDR
<b>mmu-miR-706</b>	1.32	0.29	2.26	0.17	3.94	0.01*	3.06	0.00*
<b>mmu-miR-709</b>	-2.35	0.11	-1.81	0.16	-1.9	0.09	-1.7	0.14
<b>mmu-miR-710</b>	3.71	0.13	3.03	0.17	5.35	0.00*	5.24	0.00*
<b>mmu-miR-711</b>	4.66	0.11	3.35	0.16	5.45	0.00*	4.94	0.00*
<b>mmu-miR-714</b>	1.68	0.24	1.74	0.23	2.21	0.00*	2.13	0.00*
<b>mmu-miR-744-5p</b>	-1.50	0.16	-1.35	0.22	-2.31	0.00*	-2.23	0.00*
<b>mmu-miR-763</b>	1.87	0.17	1.8	0.21	2.02	0.02*	1.96	0.02*
<b>mmu-miR-872-3p</b>	1.36	0.25	1.78	0.16	2.38	0.00*	2.16	0.00*
<b>mmu-miR-882</b>	3.32	0.11	2.98	0.16	4.59	0.00*	4.39	0.00*
<b>mmu-miR-92a-2-5p</b>	2.42	0.12	2.00	0.17	2.58	0.00*	2.55	0.00*
<b>mmu-miR-92a-3p</b>	-2.26	0.21	-2.79	0.19	-6.02	0.00*	-5.49	0.00*
<b>mmu-miR-93-5p</b>	-1.95	0.29	-2.33	0.22	-4.72	0.01*	-4.33	0.01*
<b>mmu-miR-98-5p</b>	-2.45	0.19	-2.29	0.22	-3.74	0.02*	-4.07	0.02*
<b>mmu-miR-99a-5p</b>	-1.60	0.29	-1.72	0.24	-3.51	0.01*	-3.3	0.00*
<b>mmu-miR-99b-5p</b>	-1.55	0.36	-1.64	0.31	-3.06	0.01*	-3.23	0.01*

\*Red and blue values indicate up- and down-regulation, respectively. P-values  $\geq 0.05$  is considered significant.