

ID	Diagnosis	Age at Blood Collection (yrs)	Sex	Indication for Blood Draw (ie. Diagnosis)	PDE3i	PDE5i	Dobutamine	Epinephrine	Norepinephrine	Dopamine	Vasopressin	Beta-Blocker	ACE Inhibitor	Digoxin	Tissue	Serum
Non-failing Serum (n=10)																
1	NF	11.5	M	Control	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		X
2	NF	13.6	F	Control	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		X
3	NF	11.7	F	Control	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		X
4	NF	5.4	M	EP Ablation. SVT. Control	N	N	N	N	N	N	N	N	N	N		X
5	NF	4.1	M	EP Ablation. SVT. Control	N	N	N	N	N	N	N	N	N	N		X
6	NF	5.5	F	EP Ablation. SVT. Control	N	N	N	N	N	N	N	N	N	N		X
7	NF	5.6	F	Control	N	N	N	N	N	N	N	N	N	N		X
8	NF	1.1	F	SVT	N	N	N	N	N	N	N	N	N	NA		X
9	NF	1.1	M	Control	N	N	N	N	N	N	N	N	N	N		X
10	NF	10.4	M	Control	N	N	N	N	N	N	N	N	N	N		X
Non-failing Tissue (n=10)																
11	NF	1.3	F		N	N	N	Y	N	Y	Y	N	N	N	X	
12	NF	1.4	M		N	N	N	N	N	N	N	N	N	N	X	
13	NF	7	M		N	N	N	N	N	N	N	N	N	N	X	
14	NF	7.4	M		N	N	N	N	N	Y	N	N	N	N	X	
15	NF	8	F		N	N	N	N	N	N	N	N	N	N	X	
16	NF	8.64	F		N	N	N	N	N	Y	N	N	N	N	X	
17	NF	8.69	M		N	N	N	N	N	N	N	N	N	N	X	
18	NF	9.51	M		N	N	N	N	N	Y	Y	Y	N	N	X	
19	NF	14	F		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	X	
20	NF	3.24	F		N	N	N	Y	N	Y	Y	N	N	N	X	
Dilated cardiomyopathy (n=12)																
21	DCM	11.6	F	DCM	N	N	N	N	N	N	N	N	Y	N	X	X
22	DCM	11.62	M	DCM	Y	N	N	N	N	N	N	N	Y	N	X	X

23	DCM	14.93	F	DCM	Y	N	N	Y	N	Y	Y	Y	Y	N	X	X
24	DCM	3.59	F	DCM	Y	N	N	N	N	N	N	N	Y	N	X	X
25	DCM	3.87	F	DCM	Y	N	N	N	N	Y	N	Y	Y	Y	X	X
26	DCM	10.89	F	DCM	Y	N	N	N	N	N	N	Y	Y	Y	X	X
27	DCM	4.62	M	DCM	N	N	N	N	N	N	N	N	Y	N	X	X
28	DCM	4.53	M	DCM	Y	N	N	N	N	N	N	NA	Y	Y	X	X
29	DCM	1	M	DCM	Y	N	N	N	N	N	N	N	Y	N	X	X
30	DCM	13.29	F	DCM	Y	N	N	N	N	Y	N	Y	Y	N	X	X
31	DCM	9.8	M	DCM	Y	N	N	N	N	N	N	N	Y	N	X	X
32	DCM	0.34	F	DCM	Y	N	Y	N	N	Y	N	N	Y	N	X	X

Table S1. Patient characteristics. ID = Identification, NF = Non-Failing, DCM = Dilated Cardiomyopathy, M = Male, F = Female, NA = Not Available, PDE3i= Phosphodiesterase3 Inhibitor, PDE5i= Phosphodiesterase5 Inhibitor, EP= Electrophysiology, SVT= Supraventricular tachycardia

miEAA - miRNA Enrichment and Annotation -- Analysis results				
Category	Subcategory	P-value	Q-value	miRNAs/precursors
Pathways (KEGG)	Adipocytokine signaling pathway	1.40e-12	6.29e-11	hsa-miR-122-5p; hsa-miR-99b-5p; hsa-miR-27b-3p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-140-3p; hsa-miR-27a-3p; hsa-miR-323a-3p; hsa-miR-218-5p; hsa-miR-148a-3p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-652-3p; hsa-miR-152-3p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-451a; hsa-miR-197-3p; hsa-miR-30c-5p; hsa-miR-199a-3p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-539-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-139-5p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-18a-5p; hsa-miR-126-3p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-370-3p; hsa-miR-642a-5p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-340-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-191-5p; hsa-miR-186-5p; hsa-miR-146b-5p
Pathways (KEGG)	Mitophagy - animal	2.86e-12	7.17e-11	hsa-miR-122-5p; hsa-miR-99b-5p; hsa-miR-27b-3p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-140-3p; hsa-miR-27a-3p; hsa-miR-218-5p; hsa-miR-210-3p; hsa-miR-148a-3p; hsa-miR-491-5p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-652-3p; hsa-miR-152-3p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-142-5p; hsa-miR-197-3p; hsa-miR-30c-5p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-296-5p; hsa-miR-539-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-139-5p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-28-3p; hsa-miR-18a-5p; hsa-miR-126-3p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-590-5p; hsa-miR-134-5p; hsa-miR-370-3p; hsa-miR-642a-5p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-340-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-186-5p; hsa-miR-146b-5p
Pathways (KEGG)	VEGF signaling pathway	1.38e-11	2.25e-10	hsa-miR-122-5p; hsa-miR-99b-5p; hsa-miR-27b-3p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-27a-3p; hsa-miR-218-5p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-652-3p; hsa-miR-152-3p; hsa-miR-885-5p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-142-5p; hsa-miR-451a; hsa-miR-197-3p; hsa-miR-139-3p; hsa-miR-140-5p; hsa-miR-30c-5p; hsa-miR-199a-3p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-296-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-139-5p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-18a-5p; hsa-miR-126-3p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-134-5p; hsa-miR-370-3p; hsa-miR-642a-5p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-340-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-186-5p; hsa-miR-146b-5p

				hsa-miR-340-5p; hsa-miR-194-5p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-186-5p; hsa-miR-146b-5p
Pathways (KEGG)	Fatty acid biosynthesis	6.64e-11	7.08e-10	hsa-miR-532-5p; hsa-miR-27b-3p; hsa-miR-335-5p; hsa-miR-215-5p; hsa-miR-218-5p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-197-3p; hsa-miR-30c-5p; hsa-miR-15b-5p; hsa-miR-221-3p; hsa-miR-539-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-20b-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-340-5p; hsa-miR-484; hsa-miR-374a-5p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-191-5p; hsa-miR-186-5p
Pathways (KEGG)	Toll-like receptor signaling pathway	6.73e-11	7.08e-10	hsa-miR-122-5p; hsa-miR-532-5p; hsa-miR-27b-3p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-140-3p; hsa-miR-27a-3p; hsa-miR-218-5p; hsa-miR-148a-3p; hsa-miR-491-5p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-652-3p; hsa-miR-152-3p; hsa-miR-885-5p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-142-5p; hsa-miR-451a; hsa-miR-197-3p; hsa-miR-140-5p; hsa-miR-30c-5p; hsa-miR-199a-3p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-296-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-139-5p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-18a-5p; hsa-miR-126-3p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-370-3p; hsa-miR-642a-5p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-340-5p; hsa-miR-194-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-186-5p; hsa-miR-146b-5p
Pathways (KEGG)	IL-17 signaling pathway	7.41e-11	7.42e-10	hsa-miR-122-5p; hsa-miR-532-5p; hsa-miR-27b-3p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-140-3p; hsa-miR-27a-3p; hsa-miR-218-5p; hsa-miR-148a-3p; hsa-miR-491-5p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-152-3p; hsa-miR-885-5p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-142-5p; hsa-miR-451a; hsa-miR-197-3p; hsa-miR-139-3p; hsa-miR-140-5p; hsa-miR-30c-5p; hsa-miR-199a-3p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-296-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-139-5p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-16-5p; hsa-miR-18a-5p; hsa-miR-126-3p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-370-3p; hsa-miR-642a-5p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-340-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-191-5p; hsa-miR-186-5p; hsa-miR-146b-5p
Pathways (KEGG)	Pyruvate metabolism	4.16e-10	2.83e-9	hsa-miR-122-5p; hsa-miR-99b-5p; hsa-miR-532-5p; hsa-miR-27b-3p; hsa-miR-335-5p; hsa-miR-215-5p; hsa-miR-27a-3p; hsa-miR-218-5p; hsa-miR-210-3p; hsa-miR-491-5p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-192-5p; hsa-miR-142-5p; hsa-miR-197-3p; hsa-miR-30c-5p; hsa-miR-199a-3p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-539-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-194-5p; hsa-miR-484; hsa-miR-374a-5p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-191-5p; hsa-miR-186-5p
Pathways (KEGG)	Glucagon signaling pathway	1.17e-9	6.59e-9	hsa-miR-122-5p; hsa-miR-27b-3p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-27a-3p; hsa-miR-218-5p; hsa-miR-210-3p; hsa-miR-148a-3p; hsa-miR-491-5p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-185-5p; hsa-miR-652-3p; hsa-miR-152-3p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-142-5p; hsa-miR-451a; hsa-miR-197-3p; hsa-miR-140-5p; hsa-miR-30c-5p; hsa-miR-199a-3p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-539-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-139-5p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-18a-5p; hsa-miR-126-3p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-590-5p; hsa-miR-370-3p; hsa-miR-642a-5p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-340-5p; hsa-miR-194-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-191-5p; hsa-miR-186-5p; hsa-miR-146b-5p
Pathways (KEGG)	Carbohydrate digestion and absorption	1.99e-9	1.05e-8	hsa-miR-122-5p; hsa-miR-99b-5p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-140-3p; hsa-miR-218-5p; hsa-miR-185-5p; hsa-miR-652-3p; hsa-miR-152-3p; hsa-miR-193b-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-142-5p; hsa-miR-451a; hsa-miR-197-3p; hsa-miR-30c-5p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-139-5p; hsa-miR-20b-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-18a-5p; hsa-miR-126-3p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-340-5p; hsa-miR-484; hsa-miR-29a-3p; hsa-miR-19b-3p; hsa-miR-186-5p; hsa-miR-146b-5p
Pathways (KEGG)	Chemokine signaling pathway	4.82e-9	2.31e-8	hsa-miR-122-5p; hsa-miR-532-5p; hsa-miR-27b-3p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-140-3p; hsa-miR-27a-3p; hsa-miR-218-5p; hsa-miR-323a-3p; hsa-miR-218-5p; hsa-miR-148a-3p;

				hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-197-3p; hsa-miR-139-3p; hsa-miR-30c-5p; hsa-miR-199a-3p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-139-5p; hsa-miR-20b-5p; hsa-miR-16-5p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-19b-3p; hsa-miR-146b-5p
Pathways (KEGG)	Hippo signaling pathway	5.00e-8	1.51e-7	hsa-miR-122-5p; hsa-miR-99b-5p; hsa-miR-532-5p; hsa-miR-27b-3p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-660-5p; hsa-miR-27a-3p; hsa-miR-323a-3p; hsa-miR-218-5p; hsa-miR-210-3p; hsa-miR-148a-3p; hsa-miR-491-5p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-652-3p; hsa-miR-152-3p; hsa-miR-885-5p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-142-5p; hsa-miR-451a; hsa-miR-197-3p; hsa-miR-139-3p; hsa-miR-140-5p; hsa-miR-30c-5p; hsa-miR-199a-3p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-296-5p; hsa-miR-539-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-139-5p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-18a-5p; hsa-miR-126-3p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-590-5p; hsa-miR-370-3p; hsa-miR-642a-5p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-340-5p; hsa-miR-194-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-191-5p; hsa-miR-186-5p; hsa-miR-146b-5p
Pathways (KEGG)	Fatty acid degradation	9.44e-8	2.56e-7	hsa-miR-99b-5p; hsa-miR-532-5p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-27a-3p; hsa-miR-218-5p; hsa-miR-491-5p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-152-3p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-197-3p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-539-5p; hsa-miR-93-5p; hsa-miR-20b-5p; hsa-miR-16-5p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-370-3p; hsa-miR-642a-5p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-340-5p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-191-5p; hsa-miR-186-5p
Pathways (KEGG)	TGF-beta signaling pathway	1.00e-7	2.69e-7	hsa-miR-122-5p; hsa-miR-99b-5p; hsa-miR-27b-3p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-140-3p; hsa-miR-27a-3p; hsa-miR-323a-3p; hsa-miR-218-5p; hsa-miR-210-3p; hsa-miR-148a-3p; hsa-miR-491-5p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-652-3p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-142-5p; hsa-miR-451a; hsa-miR-197-3p; hsa-miR-139-3p; hsa-miR-140-5p; hsa-miR-30c-5p; hsa-miR-199a-3p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-296-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-16-5p; hsa-miR-18a-5p; hsa-miR-126-3p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-590-5p; hsa-miR-134-5p; hsa-miR-370-3p; hsa-miR-642a-5p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-340-5p; hsa-miR-194-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-186-5p; hsa-miR-146b-5p
Pathways (KEGG)	Hypertrophic cardiomyopathy HCM	1.01e-7	2.69e-7	hsa-miR-122-5p; hsa-miR-99b-5p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-140-3p; hsa-miR-27a-3p; hsa-miR-218-5p; hsa-miR-148a-3p; hsa-miR-185-5p; hsa-miR-652-3p; hsa-miR-152-3p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-142-5p; hsa-miR-451a; hsa-miR-197-3p; hsa-miR-30c-5p; hsa-miR-199a-3p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-296-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-139-5p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-18a-5p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-590-5p; hsa-miR-134-5p; hsa-miR-642a-5p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-340-5p; hsa-miR-194-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-186-5p; hsa-miR-146b-5p
Pathways (KEGG)	Glycolysis Gluconeogenesis	1.21e-7	3.04e-7	hsa-miR-122-5p; hsa-miR-99b-5p; hsa-miR-27b-3p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-140-3p; hsa-miR-27a-3p; hsa-miR-218-5p; hsa-miR-210-3p; hsa-miR-491-5p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-652-3p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-192-5p; hsa-miR-142-5p; hsa-miR-197-3p; hsa-miR-30c-5p; hsa-miR-199a-3p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-139-5p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-370-3p; hsa-miR-642a-5p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-340-5p; hsa-miR-484; hsa-miR-374a-5p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-191-5p; hsa-miR-186-5p
Pathways (KEGG)	PPAR signaling pathway	1.41e-7	3.48e-7	hsa-miR-122-5p; hsa-miR-27b-3p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-215-5p; hsa-miR-140-3p; hsa-miR-27a-3p; hsa-miR-218-5p; hsa-miR-210-3p; hsa-miR-148a-3p; hsa-miR-491-5p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-152-3p; hsa-miR-324-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-142-5p; hsa-miR-197-3p; hsa-miR-30c-5p; hsa-miR-15b-5p; hsa-miR-221-3p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-331-3p; hsa-miR-16-5p;

				hsa-miR-18a-5p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-590-5p; hsa-miR-134-5p; hsa-miR-370-3p; hsa-miR-642a-5p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-340-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-191-5p; hsa-miR-186-5p
Pathways (KEGG)	Oxidative phosphorylation	2.45e-7	5.67e-7	hsa-miR-99b-5p; hsa-miR-27b-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-27a-3p; hsa-miR-218-5p; hsa-miR-210-3p; hsa-miR-148a-3p; hsa-miR-491-5p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-652-3p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-142-5p; hsa-miR-197-3p; hsa-miR-139-3p; hsa-miR-140-5p; hsa-miR-30c-5p; hsa-miR-199a-3p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-539-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-28-3p; hsa-miR-18a-5p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-590-5p; hsa-miR-134-5p; hsa-miR-642a-5p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-194-5p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-186-5p; hsa-miR-146b-5p
Pathways (KEGG)	TNF signaling pathway	3.92e-7	8.64e-7	hsa-miR-122-5p; hsa-miR-532-5p; hsa-miR-27b-3p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-140-3p; hsa-miR-27a-3p; hsa-miR-218-5p; hsa-miR-148a-3p; hsa-miR-491-5p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-152-3p; hsa-miR-885-5p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-142-5p; hsa-miR-451a; hsa-miR-197-3p; hsa-miR-30c-5p; hsa-miR-199a-3p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-296-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-139-5p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-18a-5p; hsa-miR-126-3p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-590-5p; hsa-miR-370-3p; hsa-miR-642a-5p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-340-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-191-5p; hsa-miR-186-5p; hsa-miR-146b-5p
Pathways (KEGG)	Arrhythmogenic right ventricular cardiomyopathy ARVC	8.56e-7	1.74e-6	hsa-miR-99b-5p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-140-3p; hsa-miR-218-5p; hsa-miR-148a-3p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-652-3p; hsa-miR-152-3p; hsa-miR-885-5p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-197-3p; hsa-miR-30c-5p; hsa-miR-199a-3p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-539-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-18a-5p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-590-5p; hsa-miR-134-5p; hsa-miR-370-3p; hsa-miR-25-3p; hsa-miR-106b-5p; hsa-miR-340-5p; hsa-miR-194-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-191-5p; hsa-miR-186-5p
Pathways (KEGG)	p53 signaling pathway	1.02e-6	2.00e-6	hsa-miR-122-5p; hsa-miR-99b-5p; hsa-miR-27b-3p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-140-3p; hsa-miR-660-5p; hsa-miR-27a-3p; hsa-miR-323a-3p; hsa-miR-218-5p; hsa-miR-210-3p; hsa-miR-148a-3p; hsa-miR-491-5p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-152-3p; hsa-miR-885-5p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-142-5p; hsa-miR-451a; hsa-miR-197-3p; hsa-miR-139-3p; hsa-miR-30c-5p; hsa-miR-199a-3p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-296-5p; hsa-miR-539-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-139-5p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-28-3p; hsa-miR-18a-5p; hsa-miR-126-3p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-134-5p; hsa-miR-370-3p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-340-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-191-5p; hsa-miR-186-5p; hsa-miR-146b-5p
Pathways (KEGG)	Ubiquitin mediated proteolysis	1.47e-6	2.77e-6	hsa-miR-122-5p; hsa-miR-532-5p; hsa-miR-27b-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-140-3p; hsa-miR-660-5p; hsa-miR-27a-3p; hsa-miR-323a-3p; hsa-miR-218-5p; hsa-miR-210-3p; hsa-miR-148a-3p; hsa-miR-491-5p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-652-3p; hsa-miR-152-3p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-142-5p; hsa-miR-451a; hsa-miR-197-3p; hsa-miR-139-3p; hsa-miR-140-5p; hsa-miR-30c-5p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-539-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-18a-5p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-590-5p; hsa-miR-370-3p; hsa-miR-642a-5p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-340-5p; hsa-miR-194-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-186-5p; hsa-miR-146b-5p
Pathways (KEGG)	Cytokine-cytokine receptor interaction	2.85e-6	5.04e-6	hsa-miR-122-5p; hsa-miR-532-5p; hsa-miR-27b-3p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-140-3p; hsa-miR-27a-3p; hsa-miR-323a-3p; hsa-miR-218-5p; hsa-miR-210-3p; hsa-miR-148a-3p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-152-3p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-142-5p; hsa-miR-451a; hsa-miR-197-3p; hsa-miR-139-3p; hsa-miR-140-5p; hsa-miR-30c-5p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-539-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-18a-5p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-590-5p; hsa-miR-370-3p; hsa-miR-642a-5p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-340-5p; hsa-miR-194-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-186-5p; hsa-miR-146b-5p

				hsa-miR-324-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-142-5p; hsa-miR-451a; hsa-miR-197-3p; hsa-miR-139-3p; hsa-miR-140-5p; hsa-miR-30c-5p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-296-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-139-5p; hsa-miR-20b-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-18a-5p; hsa-miR-126-3p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-590-5p; hsa-miR-134-5p; hsa-miR-370-3p; hsa-miR-642a-5p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-340-5p; hsa-miR-194-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-191-5p; hsa-miR-186-5p; hsa-miR-146b-5p
Pathways (KEGG)	Dilated cardiomyopathy DCM	3.15e-6	5.41e-6	hsa-miR-122-5p; hsa-miR-99b-5p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-140-3p; hsa-miR-27a-3p; hsa-miR-218-5p; hsa-miR-148a-3p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-652-3p; hsa-miR-152-3p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-142-5p; hsa-miR-197-3p; hsa-miR-30c-5p; hsa-miR-199a-3p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-539-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-139-5p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-18a-5p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-590-5p; hsa-miR-134-5p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-340-5p; hsa-miR-194-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-186-5p
Pathways (KEGG)	FoxO signaling pathway	4.08e-6	6.85e-6	hsa-miR-122-5p; hsa-miR-99b-5p; hsa-miR-27b-3p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-140-3p; hsa-miR-660-5p; hsa-miR-27a-3p; hsa-miR-323a-3p; hsa-miR-218-5p; hsa-miR-210-3p; hsa-miR-148a-3p; hsa-miR-491-5p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-652-3p; hsa-miR-152-3p; hsa-miR-885-5p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-142-5p; hsa-miR-451a; hsa-miR-197-3p; hsa-miR-140-5p; hsa-miR-30c-5p; hsa-miR-199a-3p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-296-5p; hsa-miR-539-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-139-5p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-18a-5p; hsa-miR-126-3p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-590-5p; hsa-miR-134-5p; hsa-miR-370-3p; hsa-miR-642a-5p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-340-5p; hsa-miR-194-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-191-5p; hsa-miR-186-5p; hsa-miR-146b-5p
Pathways (KEGG)	Hippo signaling pathway - multiple species	4.56e-6	7.46e-6	hsa-miR-122-5p; hsa-miR-335-5p; hsa-miR-215-5p; hsa-miR-27a-3p; hsa-miR-210-3p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-197-3p; hsa-miR-30c-5p; hsa-miR-199a-3p; hsa-miR-15b-5p; hsa-miR-221-3p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-20b-5p; hsa-miR-16-5p; hsa-miR-18a-5p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-642a-5p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-19b-3p; hsa-miR-186-5p
Pathways (KEGG)	mTOR signaling pathway	1.06e-5	1.66e-5	hsa-miR-122-5p; hsa-miR-99b-5p; hsa-miR-27b-3p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-140-3p; hsa-miR-27a-3p; hsa-miR-218-5p; hsa-miR-210-3p; hsa-miR-148a-3p; hsa-miR-491-5p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-652-3p; hsa-miR-152-3p; hsa-miR-885-5p; hsa-let-7c-5p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-101-3p; hsa-miR-192-5p; hsa-miR-532-3p; hsa-miR-142-5p; hsa-miR-451a; hsa-miR-197-3p; hsa-miR-139-3p; hsa-miR-140-5p; hsa-miR-30c-5p; hsa-miR-199a-3p; hsa-miR-15b-5p; hsa-let-7g-5p; hsa-miR-221-3p; hsa-miR-296-5p; hsa-miR-539-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-139-5p; hsa-miR-20b-5p; hsa-miR-331-3p; hsa-miR-16-5p; hsa-miR-18a-5p; hsa-miR-126-3p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-590-5p; hsa-miR-134-5p; hsa-miR-370-3p; hsa-miR-642a-5p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-425-5p; hsa-miR-340-5p; hsa-miR-194-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-191-5p; hsa-miR-186-5p; hsa-miR-146b-5p
Pathways (KEGG)	Fat digestion and absorption	1.33e-5	2.03e-5	hsa-miR-122-5p; hsa-miR-27b-3p; hsa-miR-335-5p; hsa-miR-27a-3p; hsa-miR-218-5p; hsa-miR-148a-3p; hsa-miR-181a-5p; hsa-miR-185-5p; hsa-miR-152-3p; hsa-miR-885-5p; hsa-miR-15b-5p; hsa-miR-744-5p; hsa-miR-93-5p; hsa-miR-148b-3p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-16-5p; hsa-miR-28-3p; hsa-miR-18a-5p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-642a-5p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p
Pathways (KEGG)	Citrate cycle TCA cycle	2.57e-5	3.59e-5	hsa-miR-122-5p; hsa-miR-532-5p; hsa-miR-27b-3p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-210-3p; hsa-miR-193b-3p; hsa-miR-324-3p; hsa-miR-197-3p; hsa-miR-30c-5p; hsa-miR-15b-5p; hsa-miR-93-5p; hsa-miR-20b-5p; hsa-miR-324-5p; hsa-miR-16-5p; hsa-miR-28-3p; hsa-miR-18a-5p; hsa-miR-19a-3p; hsa-miR-24-3p; hsa-miR-642a-5p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p
Pathways (KEGG)	Autophagy - animal	2.71e-5	3.76e-5	hsa-miR-122-5p; hsa-miR-99b-5p; hsa-miR-27b-3p; hsa-miR-365a-3p; hsa-miR-335-5p; hsa-miR-143-3p; hsa-miR-215-5p; hsa-miR-140-3p; hsa-miR-27a-3p; hsa-miR-218-5p; hsa-miR-210-3p; hsa-miR-148a-3p;

				hsa-miR-590-5p; hsa-miR-370-3p; hsa-miR-642a-5p; hsa-miR-25-3p; hsa-miR-128-3p; hsa-miR-106b-5p; hsa-miR-340-5p; hsa-miR-194-5p; hsa-miR-223-3p; hsa-miR-484; hsa-miR-342-3p; hsa-miR-374a-5p; hsa-miR-29a-3p; hsa-miR-410-3p; hsa-miR-19b-3p; hsa-miR-191-5p; hsa-miR-186-5p; hsa-miR-146b-5p
--	--	--	--	--

Table S2. . Putative pathways and the miRNAs exclusively down-regulated in the sera of children with DCM.