

# Supplemental Figure 3

Dog microRNA Annotation (cfa)	Enrichment	#Top 10 in tissue	Bone Marrow	Brain	Colon	Duodenum	Heart	Ileum	Jejunum	Kidney	Liver	Lung	Muscle	Pancreas	Plasma	Sciatic Nerve	Testis	Thymus
cfa-miR-128_hsa-miR-128-3p_rno-miR-128-3p	Yes	1	4.5															
cfa-miR-215	Yes	1							4.7									
cfa-miR-34c_hsa-miR-34c-5p_rno-miR-34c-5p	Yes	1															4.7	
cfa-miR-375_hsa-miR-375_rno-miR-375-3p	Yes	1												5.2				
cfa-miR-451_hsa-miR-451a_rno-miR-451-5p	Yes	1	4.6															
cfa-miR-92b_hsa-miR-92b-3p_rno-miR-92b-3p	Yes	1	4.4															
cfa-miR-133a_hsa-miR-133a-3p_rno-miR-133a-3p	Yes	2					4.9						4.8					
cfa-miR-148a_hsa-miR-148a-3p_rno-miR-148a-3p	Yes	2									4.8			5.6				
cfa-miR-451_hsa-miR-451a_rno-miR-451-5p	No	2														4.9		
cfa-miR-25_hsa-miR-25-3p_rno-miR-25-3p	No	1														4.4		
cfa-miR-10b_hsa-miR-10b-5p_rno-miR-10b-5p	No	1								5.7								
cfa-miR-127_hsa-miR-127-3p_rno-miR-127-3p	No	1	4.7															
cfa-miR-142_hsa-miR-142-5p_rno-miR-142-5p	No	1														4.4		
cfa-miR-16_hsa-miR-16-5p_rno-miR-16-5p	No	1														4.6		
cfa-miR-194_hsa-miR-194-5p_rno-miR-194-5p	No	1							4.5									
cfa-miR-30d_hsa-miR-30d-5p_rno-miR-30d-5p	No	1					4.6											
cfa-miR-423a_hsa-miR-423-5p_rev_rno-miR-423-5p	No	1														4.3		
cfa-miR-486_hsa-miR-486-3p_rno-miR-486	No	1														5.8		
cfa-miR-9_hsa-miR-9-5p_rno-miR-9a-5p	No	1	4.6															
cfa-miR-93_hsa-miR-93-5p_rno-miR-93-5p	No	1														4.2		
cfa-miR-186_hsa-miR-186-5p_rno-miR-186-5p	No	2	4.3													4.1		
cfa-miR-92a_hsa-miR-92a-3p_rno-miR-92a-3p	No	2														4.5	4.3	
cfa-let-7a_hsa-let-7a-5p_rno-let-7a-5p_rev	No	3	4.6									4.6				4.6		
cfa-miR-21_hsa-miR-21-5p_rno-miR-21-5p	No	3			4.6			4.8	4.5									
cfa-miR-126_hsa-miR-126-5p_rno-miR-126a-5p	No	4	4.3				4.6					4.7						4.4
cfa-let-7f_hsa-let-7f-5p_rno-let-7f-5p_rno-miR-3596d	No	6						4.4			4.6	4.5		4.6		4.4	4.4	
cfa-miR-192_hsa-miR-192-5p_rno-miR-192-5p	No	7			5.2	4.9		5.2	5.5	4.7	5.3			4.4				
cfa-miR-486_hsa-miR-486-3p_rno-miR-486	No	7	4.8			4.3	5.1					4.6	4.9			4.9		4.6
cfa-miR-22_hsa-miR-22-3p_rno-miR-22-3p	No	8	4.5				5.0			4.6	5.1		4.8	4.6		4.5	4.4	
cfa-miR-30a_hsa-miR-30a-5p_rno-miR-30a-5p	No	8	4.3				4.7			4.9	4.6	4.9	4.5	4.4				4.6
cfa-miR-378_hsa-miR-378a-3p_rev_rno-miR-378a-3p	No	8			4.3	4.3	4.8		4.4	4.2	4.5		4.8					4.7
cfa-miR-27b_hsa-miR-27b-3p_rno-miR-27b-3p	No	9			4.4	4.4	4.7	4.4	4.3			4.6	4.5	4.2		4.5		
cfa-miR-191_hsa-miR-191-5p_rno-miR-191a-5p	No	10	4.5	4.6	4.4	4.3		4.6		4.2					4.4	4.5	4.3	4.5
cfa-miR-10a_hsa-miR-10a-5p_rno-miR-10a-5p	No	11	4.9		4.7	4.5		4.8	4.8	5.0	4.5	5.0	4.4				4.5	4.8
cfa-miR-10b_rno-miR-10b-5p_hsa-miR-10b-5p	No	11	5.5		4.9	4.7	4.9	4.9	4.4				5.6	4.3		5.5	5.6	5.4
cfa-miR-181a_hsa-miR-181a-5p_rno-miR-181a-5p	No	12	4.5	5.3	4.3	4.3		4.4		4.6	4.5	5.0		4.3		4.8	4.4	4.7
cfa-miR-143_hsa-miR-143-3p	No	13			4.5	5.6	5.3	5.0	5.4	5.2	4.3	4.8	5.1	4.5		4.8	5.0	5.0
cfa-miR-26a_hsa-miR-26a-5p_rno-miR-26a-5p	No	14	5.1	4.7	4.4	4.5		4.3	4.6	4.5	4.5	4.9	4.5	4.6		4.6	4.3	4.4