

Supplementary Table S4: miRNA-Seq gene counts

organism	miRBase (release 21)	found (detected/ predicted)	differentially expressed (p<0.05)	MDCK	MDCK-Ras
canis	453	219	80 (73)	36 (34)	44 (39)
human	2588	94	2 (2)	2 (2)	0 (0)
rest species	32787	42	3 (3)	3 (3)	0 (0)
novel	-	25	2 (2)	1 (1)	1 (1)