

**Supplementary Table 8.** List of siRNAs that passed filtration steps against miRNA seed region

Name	Start positions	Sense strand	Antisense strand	Overall BLAST Pass	miRNA seed matching
siRNA_1	294	CAGUAAACAGGU ACGGUAA	UUACCGUACCUG UUUACUGgu	Yes	Pass
siRNA_2	664	GGAUAUACCCGC UCUCAUA	UAUGAGAGCGGU GAUAUCCcu	Yes	No (matched with a human miRNA seed)
siRNA_4	700	CGACGAACUCAU AAACAAA	UUUGUUUAUGAG UUCGUCGuc	Yes	Pass (matched with a mouse miRNA seed)
siRNA_5	972	CCAGAUUUAGAU UACUUCA	UGAAGUAAUCUA AAUCUGGua	Yes	No (matched with three human miRNA seed)