

Supplementary Table 7. List of siRNAs that passed off-target filtration against the human genome

Name	Start positions	Sense strand sequence	Antisense strand sequence	BLAST pass Sense strand	BLAST pass Antisense strand	Overall BLAST pass
siRNA_1	294	CAGUAAACAGG UACGGUAA	UUACCGUACCUG UUUACUGgu	Yes	Yes	Yes
siRNA_2	664	GGAUUAUCACCG CUCUCAUA	UAUGAGAGCGGU GAUAUCCcu	Yes	Yes	Yes
siRNA_3	694	CAAAGACGACG AACUCAUA	UAUGAGUUCGUC GUCUUUGcc	No (17/18)	No (17/18)	No
siRNA_4	700	CGACGAACUCA UAAACAAA	UUUGUUUAUGAG UUCGUCGuc	Yes	Yes	Yes
siRNA_5	972	CCAGAUUUAGA UUACUUCA	UGAAGUAAUCUA AAUCUGGua	Yes	Yes	Yes
siRNA_6	1068	GCUUAGUAGAG GCAUGUAA	UUACAUGCCUCU ACUAAGCgg	No (17/19)	No (17/19)	No