Supplementary Figure 1: The frequency sequence graphs (logos) of the combined library of short RNAs, also including those without putative targets, from Lee et al. (2006) and Ruby et al. (2006). The number of siRNAs in each length category is shown on the right.

siRNA length	Sequence logo	Number of siRNAs
12	ĠŰĸĠĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸ	25
13	ĠĠĠĠĠĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸ	22
14	GGGAAUGAAUGGAG UAAGUGUGUGC ÇÇÇÇÇÇÇÇÇÇÇÇÇÇ	16
15	UGAGAUGGGUAGUGG EÇÇÇÇŞÇÇÇ Ç	15
16	ČĄĆĠĠĠĠĠĠĠĠĠĠĠĠ ĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠ	20
17	CAAUUAAUUAUUUUGGC QGGAGGAUAGAGUCC QQGAÇÇÇÇÇÇÇÇÇÇÇÇÇÇÇ	118
18	CAAGAAAUAAAUUUUUCC GUUAUUGAUUUAGAAGCC ÇÇÇÇÇÇÇÇÇÇÇÇŞÇÇŞ	286
19	CAAAAAUUUUUUUUUUUUU GUGUUAGGGAAAAGGC CGUGUUAGGGAAAAGGC CGUGUUAGGGAAAAGGC CGUGUUAGGGAAAAGGC CGUGUUAGGGAAAAGGC CGUGUUAGGGAAAAGGC CGUGUUAGGGAAAAGGC CGUGUUAGGGAAAAGGC CGUGUUAGGGAAAAGGC CGUGUUAGGGAAAAGGC CGUGUUAGGGAAAAGGC CGUGUUAGGGAAAGGC CGUGUUAGGGAAAGGC CGUGUUAGGGAAAGGC CGUGUUAGGGAAAGGC CGUGUUAGGGAAAGGC CGUGUUAGGGAAAGGC CGUGUUAGGAAAGGC CGUGUUAGGAAAGGAA	464
20	AAGAUUUUUUUUUUUUUU GUAUAAAGGAAGCGGGCG ¥££ÇÇÇÇÇÇÇÇÇÇÇÇÇXXX	757
21	AAGAUUUUUUUUUUUUUUUU GUAUAGAGAAGGCCACCGCG ¥£ÇÇÇÇÇÇÇÇÇÇÇÇÇQQQQ	1209
22	CAACAAOUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU	2013
23	CAAAAAAUUUUAUUUUUUUUUUU GUUGUGUAAAAAAAAAA	798
24	LAAAAAAUAUUUUUUUUUUUUUUUUUUUUUUUUUUUUU	375
25	CAACAAAUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU	304

26		484
27	CGAGAAACUAUAUUUUUAUCUCCC ECCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	110
28	CAUCAUCEUU VUAAGAAGAGCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	37
29	CONTROL OF THE PROPERTY OF THE	25
30	ŠŢ ŠŢŖĠŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖ	19
31	ĠŹĸĠĠĠĊĠĠĠĠĠĠĠĠĠĠġġĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸ	15
32	ŶĊŔĠŶĠŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖŖ	7
33	ŶĊġĠĠŶĠĠĠŶĠĠĠĠĠĠĠĠĠĠĠĠĊĊĊ CGOCOUAAAA	9