

Supplementary Table S1. Small RNA sequencing statistics: reads. R1, R2, R3 indicate biologically independent replicates.

Genotype	Total reads	Genome-mapping reads	rRNA reads	Reads excluding rRNAs	miRNA reads	siRNA reads	cisNAT-mapping siRNA reads	Structured loci-mapping siRNA reads	Transposon-mapping siRNA reads
<i>w¹¹¹⁸</i> (R1)	27,971,451	23,645,223	1,350,642	22,294,581	8,790,430	375,562	4,894	39,753	592,055
<i>w¹¹¹⁸</i> (R2)	27,745,570	23,084,115	648,449	22,435,666	9,402,711	360,587	4,649	38,889	583,048
<i>w¹¹¹⁸</i> (R3)	30,637,561	25,112,967	1,402,637	23,710,330	9,614,787	460,696	5,294	46,624	710,349
<i>w¹¹¹⁸; dicer-2^{L811fsx}/CyO</i> (R1)	30,005,040	25,092,671	766,897	24,325,774	10,010,265	523,278	4,119	23,383	791,012
<i>w¹¹¹⁸; dicer-2^{L811fsx}/CyO</i> (R2)	31,265,161	25,745,474	872,130	24,873,344	11,089,351	542,957	4,262	22,105	811,123
<i>w¹¹¹⁸; dicer-2^{L811fsx}/CyO</i> (R3)	28,949,848	23,699,488	1,043,923	22,655,565	9,177,101	469,312	3,419	18,713	720,290
<i>w¹¹¹⁸; dicer-2^{L811fsx}</i> (R1)	26,797,201	22,187,718	998,314	21,189,404	7,907,956	279,306	653	2,854	525,773
<i>w¹¹¹⁸; dicer-2^{L811fsx}</i> (R2)	29,965,183	24,601,061	1,186,220	23,414,841	9,666,166	254,680	770	2,123	549,160
<i>w¹¹¹⁸; dicer-2^{L811fsx}</i> (R3)	27,808,652	21,233,397	1,147,334	20,086,063	8,024,274	245,927	667	3,640	486,807
<i>w¹¹¹⁸; dicer-2^{G31R}/CyO</i> (R1)	30,581,605	26,033,620	2,052,302	23,981,318	9,321,003	288,021	3,908	31,854	547,069
<i>w¹¹¹⁸; dicer-2^{G31R}/CyO</i> (R2)	30,363,738	25,468,822	2,314,633	23,154,189	9,516,400	373,111	4,153	30,249	598,487

<i>w</i> ¹¹¹⁸ ; <i>dicer-2</i> ^{G31R} /CyO (R3)	32,044,414	26,380,139	1,034,677	25,345,462	9,787,488	453,207	4,586	35,367	714,553
<i>w</i> ¹¹¹⁸ ; <i>dicer-2</i> ^{G31R} (R1)	29,517,967	24,723,915	835,433	23,888,482	9,649,112	253,237	1,346	1,064	483,694
<i>w</i> ¹¹¹⁸ ; <i>dicer-2</i> ^{G31R} (R2)	31,448,489	24,630,926	1,164,686	23,466,240	9,664,843	214,567	1,204	1,005	463,176
<i>w</i> ¹¹¹⁸ ; <i>dicer-2</i> ^{G31R} (R3)	28,939,762	23,752,069	1,339,803	22,412,266	8,755,057	221,349	1,207	1,075	456,036