

Supplementary Material

***Mal de Río Cuarto virus* infection triggers the production of distinctive viral-derived siRNAs profiles in wheat and its planthopper vector**

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1 Supplementary Table S1.

Mapping rates (as percentage of total reads in each library) to MRCV genome for each of the small RNA libraries used in this study. dpa: days post-acquisition; dpi: days post-infection. C: Control treatment, I: MRCV-infected treatment. The experiment was repeated twice (R1 and R2).

Host	Time point	Rep	No mismatch		up to 1 mismatch		up to 2 mismatches	
			C	I	C	I	C	I
<i>D. kuscheli</i>	21 dpa	R1	0.00%	5.52%	0.01%	8.52%	0.01%	9.14%
		R2	0.00%	8.84%	0.01%	11.87%	0.01%	12.43%
Wheat	12 dpi	R1	0.00%	2.04%	0.01%	2.29%	0.31%	2.62%
		R2	0.00%	0.77%	0.01%	0.87%	0.26%	1.11%
	21 dpi	R1	0.00%	4.63%	0.01%	5.26%	0.14%	5.66%
		R2	0.00%	3.96%	0.00%	4.53%	0.15%	4.92%