

Supplemental Table S4 List of Arabidopsis mutants used in this study

Sl. No.	Genotype	Genotype symbol used	Reference (or) source
1	Col-0	Col-0	N/A
2	<i>nrpd1a-2</i>	<i>nrpd1</i>	(Herr et al. 2005)
3	<i>nrpd1a-1;rdr2-3</i>	<i>nrpd1 rdr2</i>	(Prof. David Baulcombe lab)
4	<i>dcl3-1</i>	<i>dcl3</i>	(SALK_005512)
5	<i>dcl2-1;dcl3-1;dcl4-2</i>	<i>dcl234</i>	(Henderson et al. 2006)
6	<i>ago4-4</i>	<i>ago4</i>	INRA FLAG_216G02
7	<i>ddm1-2</i>	<i>ddm1</i>	(Jeddeloh et al. 1999)

Henderson IR, Zhang X, Lu C, Johnson L, Meyers BC, Green PJ, Jacobsen SE. 2006. Dissecting Arabidopsis thaliana DICER function in small RNA processing, gene silencing and DNA methylation patterning. *Nat Genet* **38**: 721–725.

Herr AJ, Jensen MB, Dalmay T, Baulcombe DC. 2005. RNA polymerase IV directs silencing of endogenous DNA. *Science* **308**: 118–120.

Jeddeloh JA, Stokes TL, Richards EJ. 1999. Maintenance of genomic methylation requires a SWI2/SNF2-like protein. *Nat Genet* **22**: 94–97.