

Table S1, trans-silencing and paramutation testing.

Paternal genotype	Maternal genotype	F1 genotype (TG1/TG2 or TG1/+; TG2/+)	Expression TG1	Expression TG2
<i>piRNA sensor</i>	<i>operon</i>	<i>piRNA sensor/operon</i>	OFF	OFF
<i>operon</i>	<i>piRNA sensor</i>	<i>piRNA sensor/operon</i>	OFF	OFF
<i>piRNA sensor</i>	<i>mCherry::H2A</i>	<i>piRNA sensor/+; mCherry::H2A/+</i>	OFF	ON
<i>mCherry::H2A</i>	<i>piRNA sensor</i>	<i>piRNA sensor/+; mCherry::H2A/+</i>	OFF	ON
<i>operon (off)</i>	<i>operon</i>	<i>operon</i>	DIM/OFF	N/A
<i>operon</i>	<i>operon (off)</i>	<i>operon</i>	OFF	N/A
<i>operon</i>	<i>mCherry::H2A</i>	<i>operon/mCherry::H2A</i>	ON	ON
<i>mCherry::H2A</i>	<i>operon</i>	<i>operon/mCherry::H2A</i>	ON	ON
<i>operon (off)</i>	<i>mCherry::H2A</i>	<i>operon/mCherry::H2A</i>	OFF	DIM
<i>mCherry::H2A</i>	<i>operon (off)</i>	<i>operon/mCherry::H2A</i>	OFF	OFF
<i>operon (off)</i>	<i>H2B::GFP</i>	<i>operon/+ ; H2B::GFP/+</i>	OFF	ON
<i>H2B::GFP</i>	<i>operon (off)</i>	<i>operon/+ ; H2B::GFP/+</i>	OFF	ON
<i>operon (off)</i>	<i>GFP::H2B</i>	<i>operon/+ ; GFP::H2B/+</i>	OFF	ON
<i>GFP::H2B</i>	<i>operon (off)</i>	<i>operon/+ ; GFP::H2B/+</i>	OFF	ON
<i>operon (off)/+</i>	<i>mCherry::H2A</i>	<i>operon/mCherry::H2A</i>	OFF	DIM
		<i>+/mCherry::H2A</i>	N/A	DIM
<i>mCherry::H2A</i>	<i>operon (off)/+</i>	<i>operon/mCherry::H2A</i>	OFF	OFF
		<i>+/mCherry::H2A</i>	N/A	OFF
<i>operon (off)</i>	+	<i>operon/+</i>	OFF	N/A
+	<i>operon (off)</i>	<i>operon/+</i>	OFF	N/A