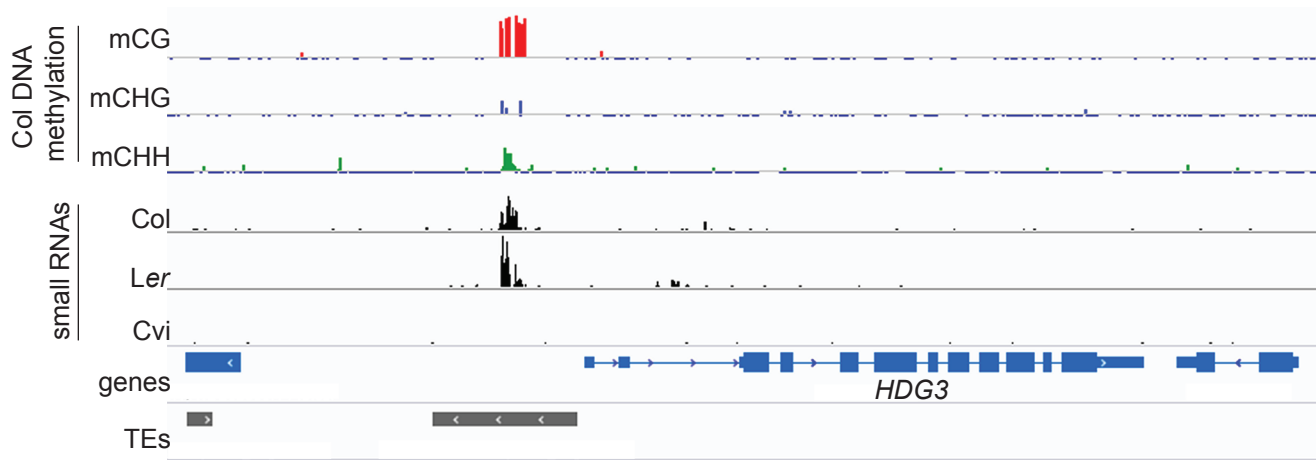
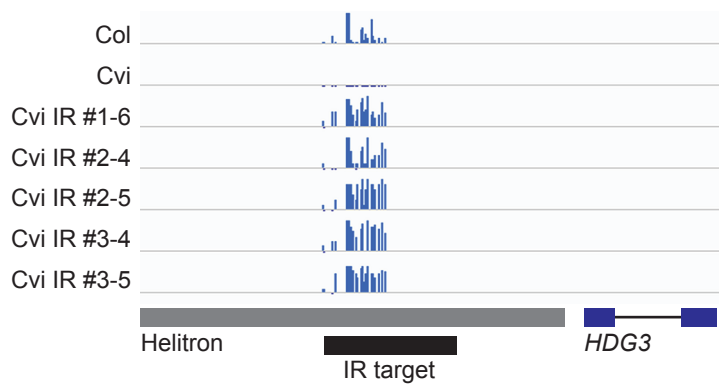


A**B****C**

| Tissue | # clones | % CG | % CHG | % CHH |
|------------------|----------|------|-------|-------|
| Col leaf | 15 | 80 | 24 | 14 |
| Cvi leaf | 11 | 1 | 0 | 0 |
| Cvi IR #1-6 leaf | 10 | 94 | 73 | 38 |
| Cvi IR #2-4 leaf | 7 | 96 | 38 | 21 |
| Cvi IR #2-5 leaf | 6 | 93 | 72 | 48 |
| Cvi IR #3-4 leaf | 15 | 99 | 69 | 51 |
| Cvi IR #3-5 leaf | 8 | 90 | 75 | 46 |

S4 Fig. Gain of *HDG3* methylation in Cvi *HDG3* IR lines. (A) Cvi naturally lacks small RNAs at the TE 5' of *HDG3*. DNA methylation data is from Col embryos (data from [20]); small RNA data is from Col, Ler and Cvi embryos (data from [31]). (B) Total DNA methylation in Col, Cvi, and Cvi *HDG3* IR leaves as determined by bisulfite-PCR. Scale is 100%, tick marks below line indicate unmethylated cytosines. (C) Quantification of above data.