

**Table S1:** Summary of changes in H3K27me3 levels, in CLF occupancy and in gene expression in *brm-1* mutants.

	H3K27me3 in <i>brm</i> mutant	CLF binding in <i>brm</i> mutant	SWN binding in <i>brm</i> mutant	Expression in <i>brm</i> mutant
<i>AT1G78290</i>	Increase	Increase	Increase	Decrease
<i>AT1G54740</i>	Increase	Increase	Increase	Decrease
<i>AT3G22160</i>	Increase	Increase	Increase	No change
<i>AT4G37540</i>	Increase	Increase	Increase	Decrease
<i>SVP</i>	Increase	Increase	Increase	Decrease
<i>BEL1</i>	Increase	Increase	Increase	Decrease
<i>AT5G33390</i>	Increase	Increase	Increase	No change
<i>TCP2</i>	Increase	Increase	Increase	Decrease
<i>MIR166A</i>	Increase	Increase	Increase	Decrease
<i>WRKY23</i>	Decrease	Decrease	Decrease	Increase