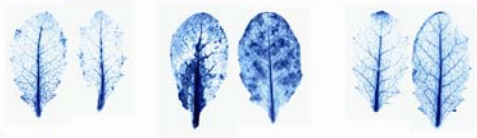
A

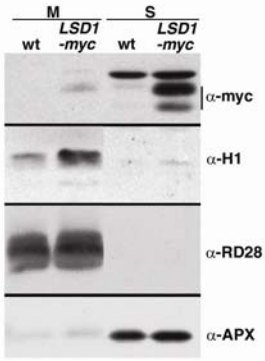
B



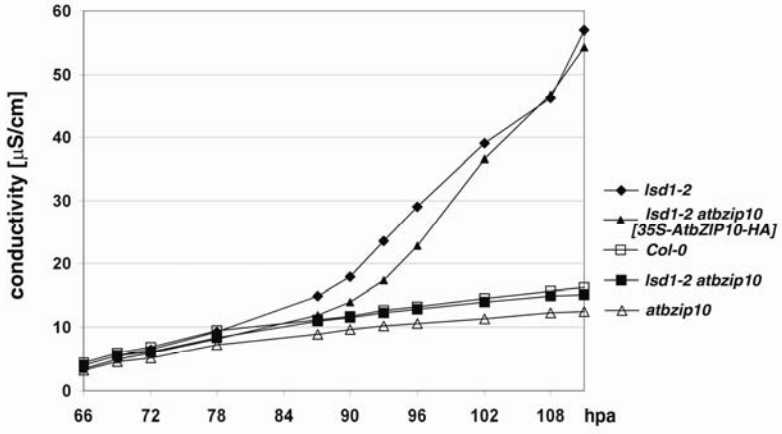
C

	Col-0	lsd1-2	lsd1-2 [LSD1-myc]
Leaves with macroscopically visible cell death	0/20	14/20	0/20

D



E



Supplemental Figure 3. LSD1-myc and AtbZIP10-HA complement their respective null alleles. (A) Four week old Col-0, *lsd1-2* and *lsd1-2* plants complemented with an *LSD1-myc* construct driven by its native promoter were sprayed with 150 µM BTH. Absence of runaway cell death indicates complementation. **(B)** Leaves from plants shown in (A) were stained with Trypan Blue to visualize *lsd1* rcd. **(C)** Quantification of the experiment shown in **(A)**. **(D)** Sub-cellular localization of LSD1-myc. Protein was extracted from three week old Col-0 wt and LSD1-myc plants and fractionated as described in Materials and methods. S, soluble fraction; M, microsomal and nucleus-enriched fraction; α-myc, myc-epitope tagged LSD1 protein; α-H1, nuclear Histone H1 protein; α-RD28, membrane specific RD28 marker; α-APX, detects soluble ascorbate peroxidase. **(E)** Four week old plants of the genotypes denoted on the right were sprayed with 150 µM BTH. Tissue was harvested at 64 hpa and processed as described in Materials and methods. hpa, hours after application.