

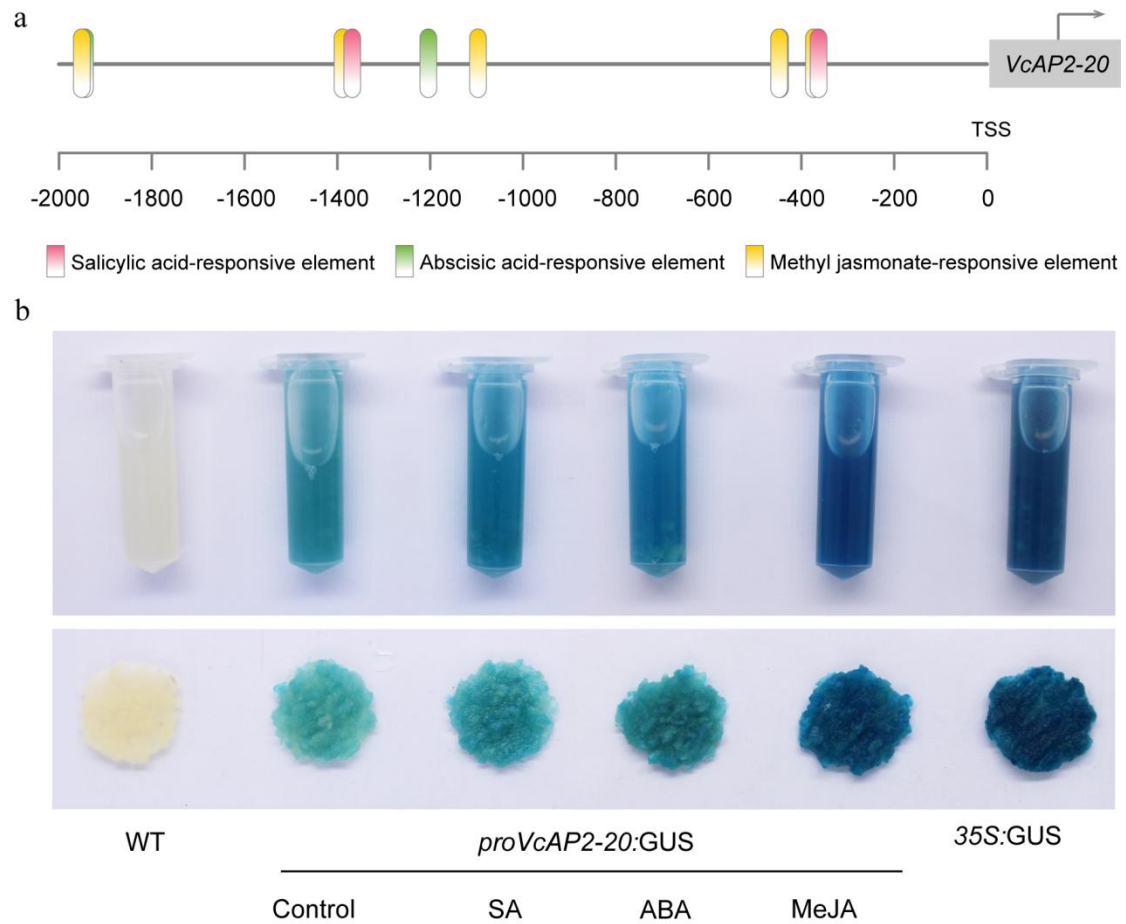


Figure S2. *VcAP2-20* expression is induced by multiple plant hormones, with the strongest response observed under methyl jasmonate (MeJA) treatment. (a) Schematic representation of hormone-related *cis*-acting elements identified in the *VcAP2-20* promoter. (b) GUS staining in apple calli confirms that treatment with 100 μ M MeJA markedly enhances *VcAP2-20* promoter activity, while 100 μ M salicylic acid (SA) and 100 μ M abscisic acid (ABA) produce only a modest increase. Untreated calli were used as the control.