

Figure S1. Hierarchical clustering tree of the correlation between significantly enriched biological processes of genes associated with *VviSOC1a*, based on *Vitis* OneGenE [1]. Point sizes represent the significance level based on p-values. Gene Ontology (GO) enrichment was performed using the ShinyGO database [2]. Yellow boxes highlight important pathways related to the predicted function of VviSOC1a in flower development.

References

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- 3. Fasoli M, Dal Santo S, Zenoni S, Tornielli GB, Farina L, et al. 2012. The grapevine expression atlas reveals a deep transcriptome shift driving the entire plant into a maturation program. *The Plant Cell* 24:3489-3505.