



Title	Temperature controls nuclear import of Tam3 transposase in Antirrhinum
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## Supporting information

### Figure legends

#### Figure S1

Amino acid sequence of *Tam3* TPase.

*Tam3* TPase consists of 803 amino acids. The yellow bar indicates the oligopeptide used as the antigen for pN1. Red bars indicate regions that act as NLSs.

#### Figure S2

Subcellular localization of the intact- and truncated- *Tam3* TPase in onion epidermal cells.

The same constructs used in Figure 6 were introduced into onion epidermal tissues by the bombardment method. Then, the tissues were incubated at 25°C for 24 hours. All five constructs showed GFP signals, of which the localizations co-incided with those of DAPI indicating the nuclei (N). Constructs pTP1-351E showed GFP signals in the cytoplasm or only on the periphery of the cells (C). Numbers in the constructs show the amino acid positions of the *Tam3* TPase.