

**Supplementary Table S1. Pollen germination<sup>a</sup>.**

Sample	Sucrose <sup>b</sup>	Pollen germination <sup>cd</sup>		
		3 days	10 days	15 days
<i>Oncidium</i> "Honey Angel" MF-1	0%	—	—	—
	1%	—	—	—
	2%	—	—	—
	3%	—	—	—
	10%	—	—	—
<i>Oncidium</i> <i>Sphacelatum</i> <sup>e</sup>	0%	—	+	++
	1%	+	+	+++
	2%	+	++	+++
	3%	++	+++	+++
	10%	+	+	+++

<sup>a</sup> The medium of Brewbaker and Kwack (1963) (BK medium) was used as the basal composition. To this were added various concentrations of sucrose from 0 to 10%, or stigma extract (0.2%). Pollens incubated in the tested medium were placed in the dark at 25°C. The germination rate was checked at 3, 10, and 15 days.

<sup>b</sup> Sucrose contents cosupplied to BK medium.

<sup>c</sup> Pollen germination was observed at 3, 10, and 15 days after incubation.

<sup>d</sup> -, +, ++, and +++ indicate none, a few, half, and most of the pollens were germinated, respectively.

<sup>e</sup> *Oncidium sphacelatum* is a wild species and has been one of the breeding parents of *Oncidium* Gower Ramsey, used as a control.