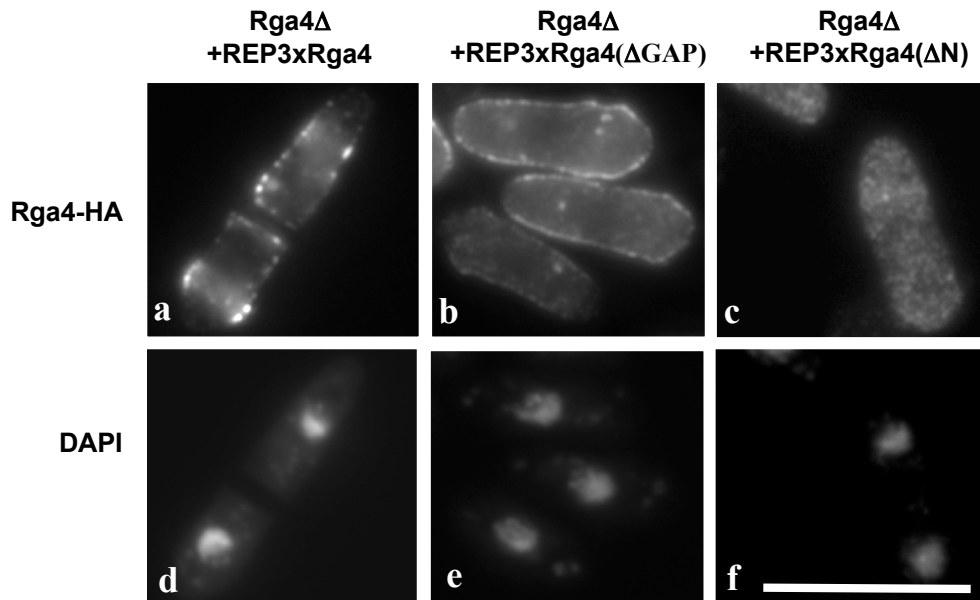


**A**

	For3-YFP <i>rga4</i> $\Delta$ transformed with	For3-YFP localized at both tips (% cells)	For3-YFP localized at one tip (% cells)	For3-YFP localized all over cortex (% cells)
With thiamine	pREP3x	11	6	78
	pREP3x- <i>HA-rga4</i>	88	12	0
	pREP3x- <i>HA-rga4-<math>\Delta</math>GAP</i>	5	0	95
	pREP3x- <i>HA-rga4-<math>\Delta</math>N</i>	8	4	88
Without thiamine for 20hrs at 25°C	pREP3x	12	8	80
	pREP3x- <i>HA-rga4</i>	80	20	0
	pREP3x- <i>HA-rga4-<math>\Delta</math>GAP</i>	3	0	97
	pREP3x- <i>HA-rga4-<math>\Delta</math>N</i>	70	30	0

**B****Supplement 1:**

**A.** Effect of different levels of Rga4 expression on For3-YFP localization. Cells were grown in presence of thiamine (uninduced) and in absence of thiamine for 20hrs at 25°C (6 fold induction). The percentage of cells with different patterns of For3-YFP localization were estimated.  $n \geq 47$ .

**B.** Localization of different domains of Rga4-HA expressed in *rga4* $\Delta$  cells. a,d, *rga4* $\Delta$  pREP3x-*HA-rga4*; b,e, *rga4* $\Delta$  pREP3x-*HA-rga4- $\Delta$ GAP*; c,f, *rga4* $\Delta$  pREP3x-*HA-rga4- $\Delta$ N*. a,b,c, HA staining with anti-HA antibody; d,e,f, DAPI visualization.