**Table S1.**

| *S. cerevisiae* strain | Genotype | Reference |
|---|---|---|
| BY4742 | MATα *his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0* | Open Biosystems |
| *Δend3* | MATα *end3 his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0* | Open Biosystems |
| *Δpep4* | MATα *pep4 his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0* | Open Biosystems |
| BY4742 *Pma1-mRFP* + kAE1$^{HA}$ | MATα *his3Δ1 leu2Δ0**:: PMA1-mRFP-LEU2** lys2Δ0 ura3Δ0* **[pYES2.1 kAE1$^{HA}$]** | This study |
| BY4742 *Pma1-mRFP* + yeGFP-kAE1 | MATα *his3Δ1 leu2Δ0**:: PMA1-mRFP-LEU2** lys2Δ0 ura3Δ0* **[pYES2.1 *yeGFP-kAE1*]** | This study |
| *Δend3 pYES* | MATα *end3 his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0* [**pYES *empty vector***] | This study |
| *Δend3 kAE1$^{HA}$* | MATα *end3 his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0* [**pYES *kAE1$^{HA}$***] | This study |
| *Δend3 kAE1$^{WT}$* | MATα *end3 his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0* [**pYES *kAE1$^{WT}$***] | This study |
| *Δend3 kAE1$^{B3Mem}$* | MATα *end3 his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0* [**pYES kAE1$^{B3Mem}$**] | This study |
| *Δpep4 pYES* | MATα *pep4 his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0* [**pYES *empty vector***] | This study |
| *Δpep4kAE1$^{HA}$* | MATα *pep4 his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0* [**pYES *kAE1$^{HA}$***] | This study |
| *Δpep4 kAE1$^{WT}$* | MATα *pep4 his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0* [**pYES *kAE1$^{WT}$***] | This study |
| *Δpep4 kAE1$^{B3Mem}$* | MATα *pep4 his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0* [**pYES kAE1$^{B3Mem}$**] | This study |
| BY4742-GEV | MATα *his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0,* leu2Δ0::PACT1-GEV-NatMX | This study |
| BY4742-GEV pYES-kAE1$^{WT}$ | MATα *his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0,* leu2Δ0::PACT1-GEV-NatMX **[pYES2.1 kAE1$^{WT}$]** | This study |