Table S1 – Primer sequences

A. Primers for RT-qPCR

AN gene number	Forward primer	Reverse primer
AN0948	CTGATAGGTCGCAATGGCAC	CGCATAACCGTCTTCACTAG
AN10854	TCTCCGTCTGTGGTCACGAG	GCGATCGGAGGTAAGAGGAG
AN1298	CTCCGGCATTGATACAGATG	AGATCTGCGACATATGGCTC
AN1812	CGAACGCACCACAGCTCTTC	CGAACGCACCACAGCTCTTC
AN1848	TAGTGTTGCCGCCATCCACC	TCATAGCAAGCGTGGCATCC
AN2366	CCTGAATACAACGCCAACAC	CTCAGAAGGAAGCGAAGAAG
AN5170	GCAGCAGAACATCGTAGATC	CTTGTTGGCGTTGAGAATGC
AN6076	CCAAGAACGCCGACATGCTC	CCATGCGTGGACGGTAGATC
AN8168	CGCAGGTCCATTCACTCAAG	TATTGATGAAGGCGAGGTGC

B. Primers for primer-extention

Name	sequence
IletRNArev	GGGGGTCGAACCCTCGAC
IletRNArev-yeast	GGGATCGAACCGCTGATC
ValtRNArev	CGGGCTCGATCCGGCGACC

C. Primers for cloning

Golden Gate for obtaining KaeA::GFP fusion
KaeA
F: TTTACCTGCTAATGGCGCCATCGGTCTTGAAGGTTC

R: TTTACCTGCGCCGATCTCTCCATTGCACAAATAC
GFPPyr
F: TTTACCTGCTATAAGATGGAGCTGGTGCAGGCGCTG
R: TTTACCTGCGATACTGTCTGAGAGGAGGCACTGATG
DF1
F: TTTACCTGCGCGCACAGACTTATTCAGCCATATCCTG
R: TTTACCTGCAGTCATTGCGCTTCATATCCGCCTATC
DF2:
F: TTTACCTGCCGTGCAATACAGGTGTCTTGGACAAGGCTTC
R: TTTACCTGCTTATGGCGCCGATGAAGGATGATAGCAGTC
Overlap extension PCR for obtaining KaeA::TEV::GFP fusion
First step
F: TTGCCCAGGCTGGTATGCTCGCATATAAGACAGGCTTCCGGACGCCGCTC
R: GGCACCGGCTCCAGCGCCTGCACCAGCTCCGTGGTGCCCAGCGGATTGGA
Second step
5'-TTGCCCAGGCTGGTATGCTCGCATATAAGACAGGCTTCCGGACGCCGCTCAAGGAATCTACGTGCACGCAGCGCTTCCGGACGGATGATGTATTTGTGCAATGGAGAGATGAGAACCTGTACTTCCAATCCGCTGGGCACCACGGAGCTGGTGCAGGCGCTGGAGCCGGTGCC-3'
Overlap extension PCR for obtaining KaeA::HA
First step
F: CGGACGGATGATGTATTTGTGCAATGGAGAGATTACCCATACGATGTTCC
R: AGAGGGTGAAGAGCATTGTTTGAGGCGACCGGTAGCGTAATCTGGAACGT
Second step
5'-CGGACGGATGATGTATTTGTGCAATGGAGAGATTACCCATACGATGTTCCTGACTATGCGGGCTATCCGTATGACGTCCCGGACTATGCAGGATCCTATCCATATGACGTTCCAGATTACGCTACCGGTCGCCTCAAACAATGCTCTTCACCCTCT-3'

D. Primers for ChiP-Seq qPCR control experiment

Name	**sequence**
niiA–niaDfw	CGGGAACTGGGAACTGTCC
niiA–niaDrev	GATTCCGAGGCTCTGATTGG