Table 2 Transformation efficiency of non-frozen cells and cells after freezing with $CaCl_2$, using various yeast strains. Cells of all strains were frozen in 0.6 M sorbitol with 10 mM $CaCl_2$ and 10 mM Hepes, pH 7.5. Cell concentrations during the electric pulse were 1×10^9 cells/ml and 2×10^9 cells/ml for non-frozen cells and cells after freezing with calcium, respectively. The electric pulse settings (for 25 μF, 200 Ω) were 10.0 kV/cm for *Sch. pombe* and 11.0 kV/cm for *Saccharomyces cerevisiae*, for both non-frozen cells and cells after freezing. Data represent averages ±SD for five independent experiments

Strain	Plasmid	Transformants/μg DNA	
		Non-frozen	After freezing with $CaCl_2$
Sch. pombe (*leu*$^-$)	pAL7 (0.5 ng)	$1.4\pm0.6\times10^6$	$5.6\pm1.0\times10^6$
Sch. pombe (*ura*$^-$)	pAU5 (0.5 ng)	$3.2\pm2.9\times10^5$	$1.5\pm1.1\times10^6$
Sch. pombe TK107	pAL7 (10 ng)	$2.8\pm1.2\times10^4$	$4.3\pm1.1\times10^4$
Sac. cerevisiae AH22	YEp13 (5 ng)	$1.7\pm0.6\times10^5$	$4.2\pm1.2\times10^5$
Sac. cerevisiae D13-1A	YCp19 (2 ng)	$2.7\pm0.9\times10^5$	$5.9\pm1.7\times10^5$
Sac. cerevisiae 108-3C	YCp19 (100 ng)	$2.1\pm1.5\times10^2$	$3.9\pm2.4\times10^2$