

Table S2. Plasmids used in Supplementary data

Plasmid	Relative feature	Source
<u>α-factor display</u>		
pUESCαf-SUC2(N)	pESC-URA, α-factor–Flag–Suc2(N) fusion protein expression (for display)	This study
pUESC-SUC2fα(C)	pESC-URA, Suc2(C)–Flag–α-factor fusion protein expression (for display)	This study
pUESCαf-FS(N)	pESC-URA, α-factor–Flag–FS(N) fusion protein expression (for display)	This study
pUESC-FSfα(C)	pESC-URA, FS(C)–Flag–α-factor fusion protein expression (for display)	This study
<u>Somatostatin display</u>		
pGK-S2842	pGK426, s.s.(prepro-α-factor)–S-28–Flag–Flo42 ^a fusion protein expression (for display)	This study
pGK-AS1442	pGK426, s.s.(pre-α-factor)–S-14–Flag–Flo42 fusion protein expression (for display)	This study
pGK-SS1442	pGK426, s.s.(Suc2)–S-14–Flag–Flo42 ^b fusion protein expression (for display)	This study
pGK-GS1442	pGK426, s.s.(GLA)–S-14–Flag–Flo42 ^c fusion protein expression (for display)	This study
pGS5-S1442	pGK426, s.s.(prepro-α-factor)–S-14–GS5–Flag–Flo42 ^d fusion protein expression (for display)	This study
pGS9-S1442	pGK426, s.s.(prepro-α-factor)–S-14–GS9–Flag–Flo42 ^e fusion protein expression (for display)	This study

All transcription products without instructions contain the secretion signal sequences of prepro-α-factor.

^aS-28 encodes 28 aa peptide of somatostatin active isoform.

^bSuc2 signal sequence is derived from *S. cerevisiae*.

^cGLA indicates signal sequence of glucoamylase derived from *R. oryzae*.

^dGS5 indicates GGGGS linker.

^eGS9 indicates GGGSGGGGS linker.