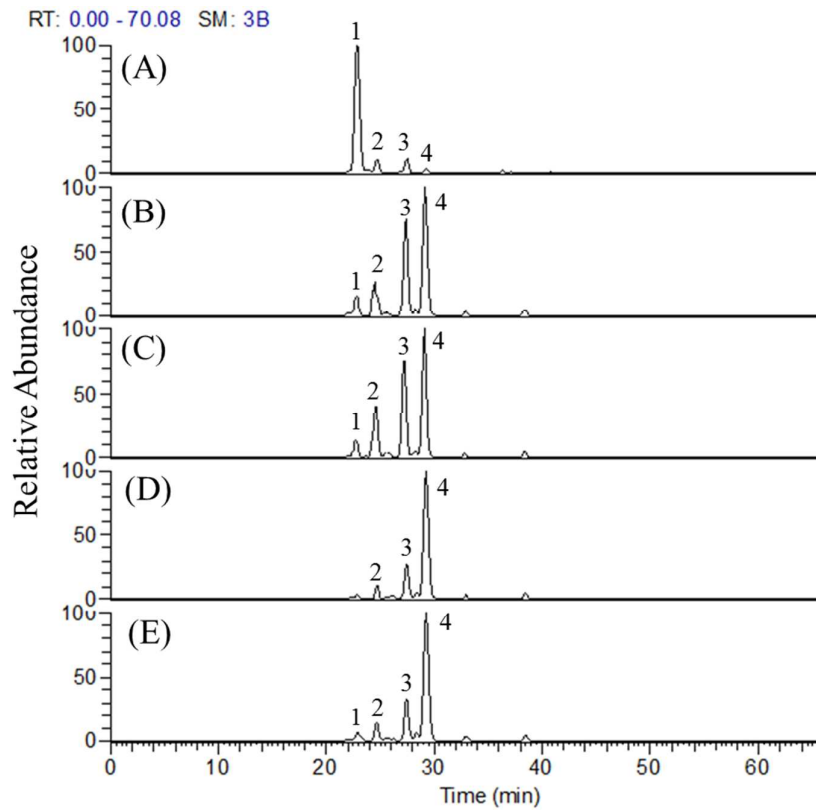


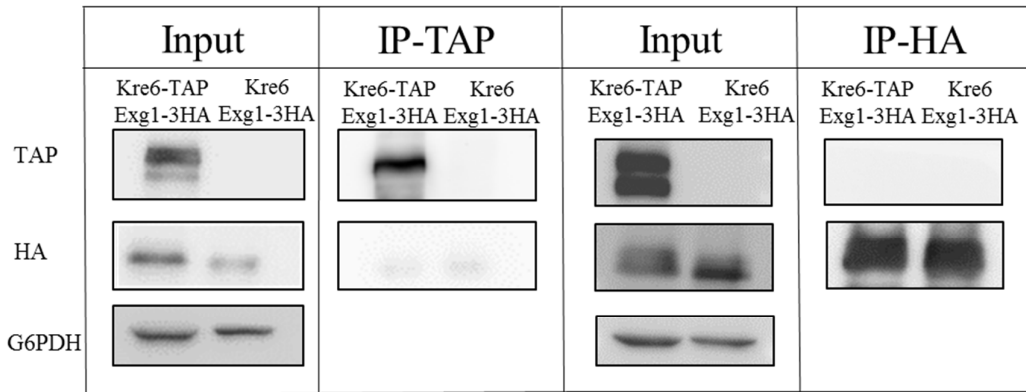
**Table S1. Strains used in the study and their genotypes**

Strain	Genotype	Source
<b>BY4741 derivatives</b>		
Wild-type	<i>MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0</i>	YDL <sup>a</sup>
<i>kre6Δ</i>	<i>MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 kre6Δ::KanMX4</i>	YDL <sup>a</sup>
<i>cwh41Δ</i>	<i>MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 cwh41Δ::KanMX4</i>	YDL <sup>a</sup>
<i>cwh43Δ</i>	<i>MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 cwh43Δ::KanMX4</i>	YDL <sup>a</sup>
<i>kre1Δ</i>	<i>MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 kre1Δ::KanMX4</i>	YDL <sup>a</sup>
<i>gas1Δ</i>	<i>MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 gas1Δ::KanMX4</i>	YDL <sup>a</sup>
<i>las21Δ</i>	<i>MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 las21Δ::KanMX4</i>	YDL <sup>a</sup>
<i>exg1Δ</i>	<i>MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 exg1Δ::KanMX4</i>	YDL <sup>a</sup>
<i>kre6Δexg1Δ</i>	<i>MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 kre6Δ::Nat exg1Δ::KanMX4</i>	In this study
<b>W303 derivatives</b>		
Wild-type	<i>MATa ade2-1 trp1-1 leu2-3,112 his3-11,15 ura3-1 can1-100</i>	-
<i>kre6Δ</i>	<i>MATa ade2-1 trp1-1 leu2-3,112 his3-11,15 ura3-1 can1-100 kre6Δ::KanMX4</i>	In this study
Wild-type Exg1-3HA	<i>MATa ade2-1 trp1-1 leu2-3,112 his3-11,15 ura3-1 can1-100 EXG1-3HA</i>	In this study
<i>kre6Δ</i> Exg1-3HA	<i>MATa ade2-1 trp1-1 leu2-3,112 his3-11,15 ura3-1 can1-100 kre6Δ::KanMX4 EXG1-3HA</i>	In this study
<b>S288C derivatives</b>		
Kre6-TAP; Exg1-3HA	<i>MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 KRE6-TAP EXG1-3HA</i>	In this study

<sup>a</sup> Yeast deletion library



**Figure S1. LC-MS chromatographic analysis of mogrosides after 24 hours of extracellular proteins and mogrosides reaction.** (A) LHK water extract. Extracellular proteins from (B) W303 wild-type, (C) W303 wild-type with Exg1 tagged with 3HA, (D) W303 *kre6Δ*, (E) W303 *kre6Δ* with Exg1 tagged with 3HA. 1, mogroside V (MG V); 2, siamenoside I (S I); 3, mogroside IV (MG IV); 4, mogroside III E (MG III E).



**Figure S2. Protein-protein interaction between Exg1 and Kre6 proteins.**

Co-immunoprecipitations were performed in *EXG1-3HA* cells having *KRE6* with or without *TAP* tagging. Anti-tap monoclonal IgG beads or anti-HA beads were used in pull down assay.