Figure S1. Chromatographic profiles and MS spectra of WRW4, WKYMV and $Ac_{9\text{-}12}$ peptides. **a:** Acetylated WRW4 purity was verified by HPLC (absorbance at 220 nm, RT of 16.1 min) and the observed m/z of 589.34 Da corresponds to Ac-WRW4 + 2H2O (Shimadzu LC20, nanoLC easy 1000). **b:** Acetylated WKYWV purity was verified by HPLC (absorbance at 220 nm, RT of 16.3 min) and LCMS with an observed mass of 384.11 Da, z=2 (Shimadzu LC20 and nanoLC easy 1000). **c:** Acetylated $Ac_{9\text{-}12}$ purity was verified by HPLC (absorbance at 220 nm, RT of 16.8 min) and LCMS with an observed mass of 301.91 Da, z=2 (Shimadzu LC20 and nanoLC easy 1000). RP-HPLC conditions: gradient from 5 to 25 min (Acetonitrile:water 10:90 to 90:10 v/v, containing 0.1% TFA), Shimpack C18 column (Shimadzu, Japan).