Supplementary Figure S1

Concatemerization increases the inhibitory activity of short, cell-penetrating, cationic and tryptophan-rich antifungal peptides

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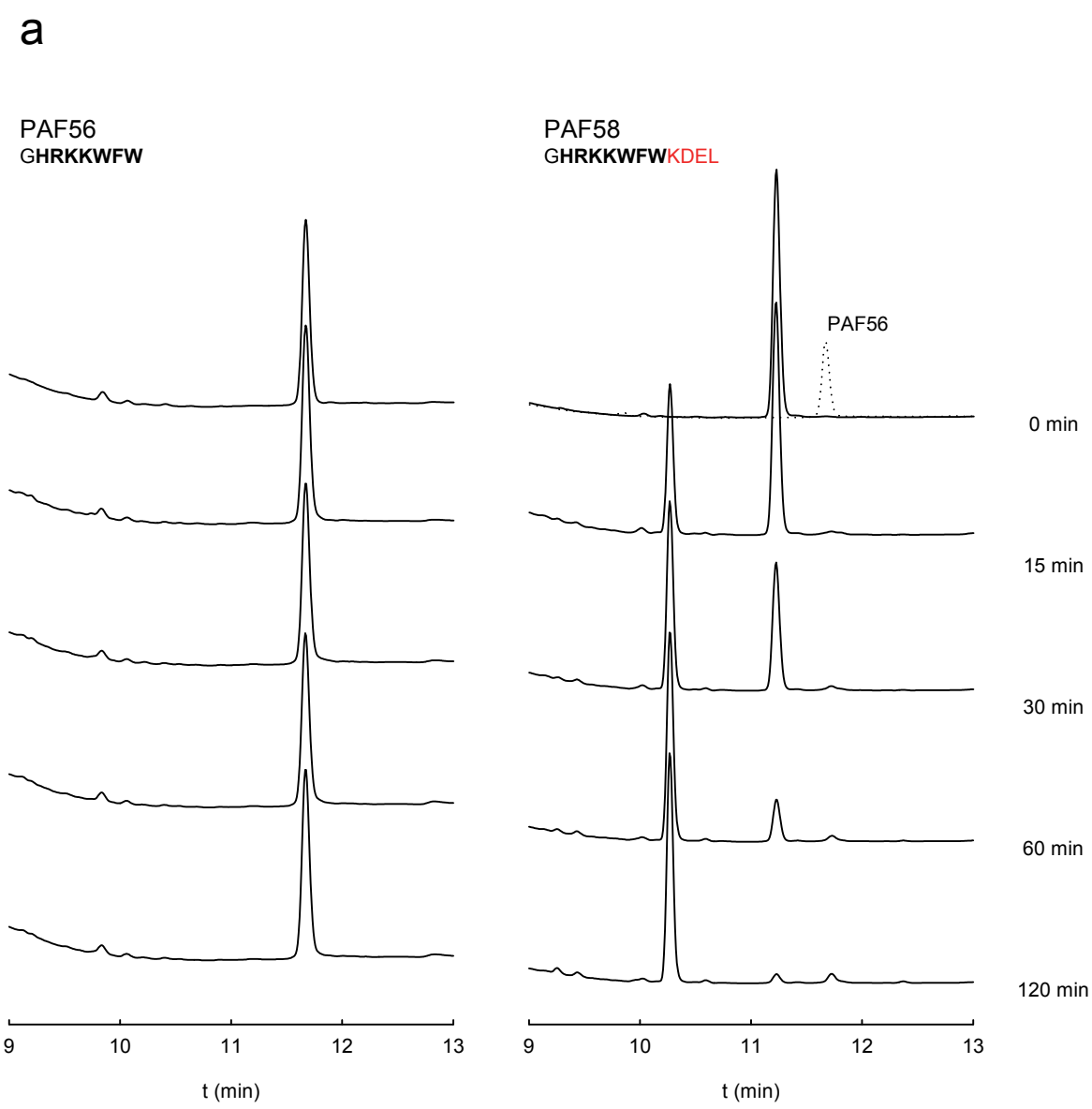

Fig. S1a Kinetics of PAF56 and PAF58 degradation in the presence of proteinase K. Peptides were treated with proteinase K (5 µg/mL) for different times (min) shown at the rightmost side. Representative HPLC chromatograms of the experiments shown in Fig. 4 (main text) are shown. Retention times (min) are shown at the bottom. In the no proteinase K control (0 min) of PAF58, the PAF56 chromatogram is overlaid as a dotted line. Digestion of PAF58 results in the appearance of a major peak that does not co-elute with PAF56.

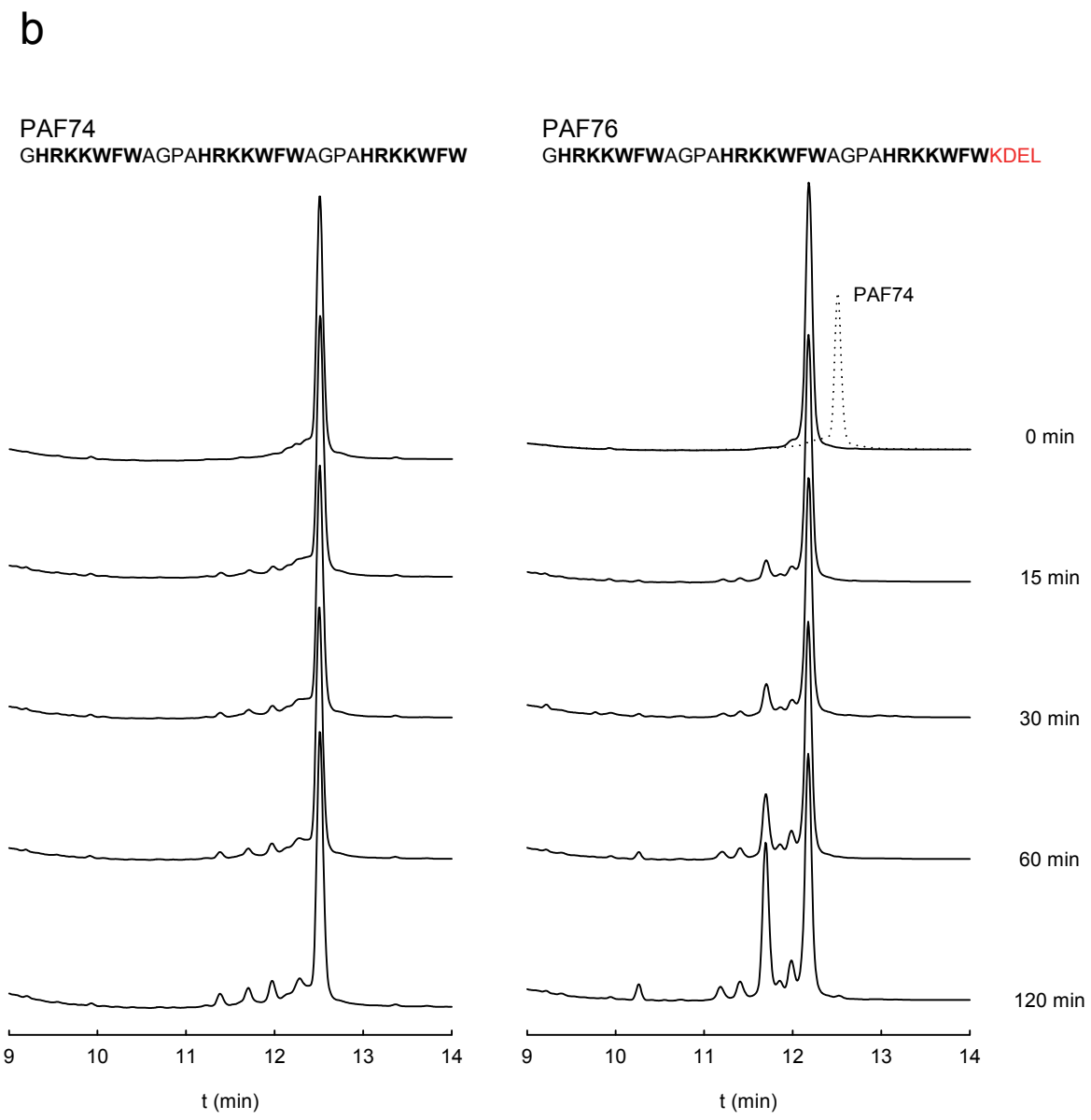

Fig. S1b Kinetics of PAF74 and PAF76 degradation in the presence of proteinase K. Peptides were treated with proteinase K (5 µg/mL) for different times (min) shown at the rightmost side. Representative HPLC chromatograms of the experiments shown in Fig. 4 (main text) are shown. Retention times (min) are shown at the bottom. In the no proteinase K control (0 min) of PAF76, the PAF74 chromatogram is overlaid as a dotted line. Digestion of PAF76 results in the appearance of several peaks but none of them co-elute with PAF74.