



**Supplementary Figure 3.** Specificity profiles of MMPs 1, 2, 3, 7, 8, 9, 12, 13, and 14 using GluC-generated human peptide libraries. Identified cleavage sites are summarized as heat maps showing fold-change over natural abundance. P6 to P6' subsite positions are shown on the x axes with the identified cleavage site between P1 and P1'. Plotted amino acids are indicated on the y axes with single-letter codes. Please refer to Supplementary Figure 3 for corresponding results using GluC-generated peptide libraries.