

Supplementary Figure

a.

VEEFKKSSATEEVISKNLEVDLLKNVDTSAKRRENGAPVLGKNTLQSLEKIKTSASVNAKAAAVVKASALALAEAYLRASALSAAASA
KAAAALKNAQQAQLNAQEKSLAALKAQSEEEAASARANAATAATQSALERAQASSRLATVAQNVASDLQKRTSTKAAAEAAATLRQL
QDAERTKWSANAALEVSAAAAAAETKTTASSEAANAAKAAAIASDADGAERSASTEAQSAKIESVAAAEGSANSASEDSRAAQL
EASTAARANVAAAAVGDGAIIGLGEEAGAAAQLLAQAKALAEVSSKSENIEDKKF

b.

VEEFKSSATEEVISKNLEVDLLKNVDTSAKRRENGAPVLGKNTLQSLEKIKTSASVNAKAAAVVKASALALAEAYLRASALSAAASA
KAAAALKNAQQAQLNAQEKSLAALKAQSEEEAASARANAATAATQSALERAQASSRLATVAQNVASDLQKRTSTKAAAEAAATLRQL
QDAERTKWSANAALEVSAAAAAAETKTTASSEAANAAKKAAAIASDADGAERSASTEAQSAKIESVAAAEGSANSASEDSRAAQL
EASTAARANVAAAAVGDGAIIGLGEEAGAAAQLLAQAKALAEVSSKSENIEDKKF

Supplementary Figure 1. Protein sequence of AmelF3 with predicted coiled coil region underlined, showing in red (a) chymotryptic peptides identified by LC/MS after 15 min incubation of AmelF3 electrospun mats with α -chymotrypsin, and (b) tryptic peptides identified by LC/MS after incubation of the chymotrypsin-insensitive portion of the mats with trypsin.