Supplemental data

Figure S1  High resolution time courses of EasterXa-mediated Spätzle maturation for isoforms (A) Spz11.7 and (B) Spz8.19 followed by non-reducing tricine-SDS PAGE. Note the appearance of the low molecular weight products denoted by arrows.

Figure S2  Spätzle variants lacking the primary maturation cleavage site (VSSR-VG→VSSAVG) are cleaved by EasterXa at the secondary sites identified in Figure 5; incubation time 2 h, tricine-SDS-PAGE gels conducted under non-reducing conditions. (A) EasterXa-mediated processing of the Spz11.7 variant VSSR-VG→VSSAVG (Mr 52 000) results in lower molecular weight species corresponding to 49 000/46 000. The remaining fragment is not visible because of its low molecular weight (3000 Da). (B) Processing of the corresponding Spz8.19 variant (Mr 71 000) yields fragments of 60 000 (cystine knot+one cleaved N-terminus), 48 000 (cystine knot+two cleaved N-termini) and 11 000 (N-terminal fragment).