## **Supporting Information**

## Figure S1. Analysis of p35 crystals after X-ray data collection.

Lane 1 contains MW standards and lane 2 the procaspase-1 zymogen starting material. Three different crystals that were used for data collection were dissolved and separated on the same SDS-PAGE gel. These preparations are show in lanes 3-5 and indicate that the protein is still intact.

## Supplemental Figure 1



Figure S2. Reactivity of caspase variants with an irreversible active-site inhibitor.

(A) MS-TOF of processed caspase-1 reacted with the covalent inhibitor zVAD-FMK. The experimental mass is the same as the predicted mass of the p20 (19,845 Da) plus inhibitor (432 Da). (B) MS-TOF of p35 caspase-1 reacted with the covalent inhibitor zVAD-FMK. The experimental mass is within one Da of the theoretical mass of the p35 (35,907 Da) plus the inhibitor (432 Da).

