



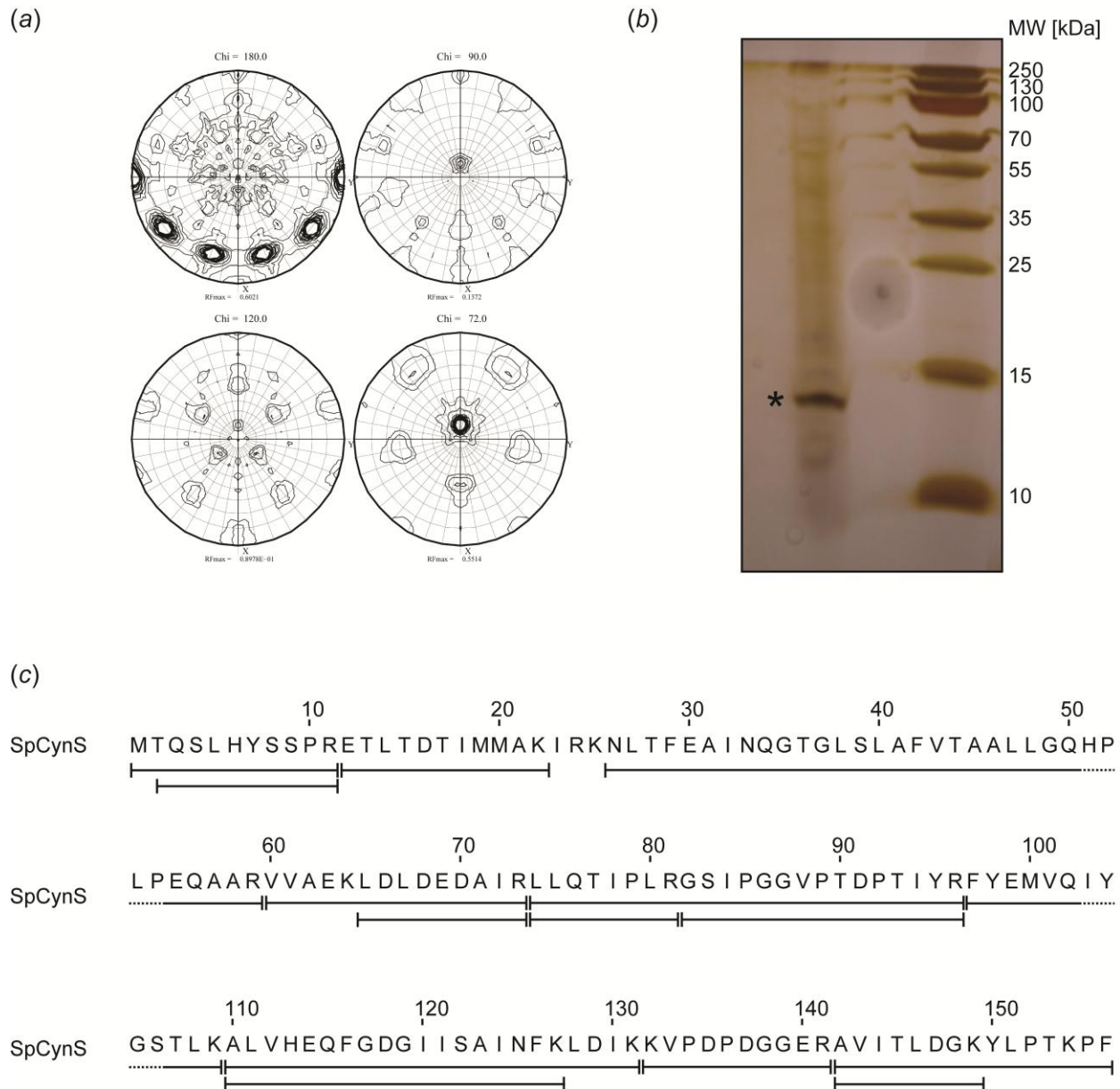
STRUCTURAL BIOLOGY
COMMUNICATIONS

Volume 71 (2015)

Supporting information for article:

**Serendipitous crystallization and structure determination of
cyanase (CynS) from *Serratia proteamaculans***

**Agata Butryn, Gabriele Stoehr, Christian Linke-Winnebeck and Karl-Peter
Hopfner**



Supplementary Figure 1. Analysis of the crystal content. (a) Organization of the asymmetric unit in the SpCynS crystals. The self-rotation function calculated with *MOLREP* (Vagin & Teplyakov, 2010) demonstrates the presence of one fivefold ($\chi=72^\circ$) and five twofold non-crystallographic symmetry axes ($\chi=180^\circ$). (b) Silver stain of SDS-PAGE of the crystallization drops' content. A distinct band is visible (asterisk). The band was excised from the gel by tryptic in-gel digestion and subjected to mass spectrometric analysis. (c) Sequence coverage of *S. proteamaculans* CynS derived from mass spectrometric data. All identified peptides are highlighted.