



STRUCTURAL BIOLOGY  
COMMUNICATIONS

**Volume 74 (2018)**

**Supporting information for article:**

**Improved protein crystal identification by using 2,2,2-trichloroethanol as fluorescence enhancer**

**Christian Pichlo, Christine Tölzer, Konrad Chojnacki, Sinan Öcal, Matthias Uthoff, Sabine Ruegenberg, Thomas Hermanns, Magdalena Schacherl, Martin S. Denzel, Kay Hofmann, Karsten Niefind and Ulrich Baumann**

**Table S1** Data collection of CK2 $\alpha$ <sup>1-335</sup> crystals

	TCE-treated	native
Data collection		
Space group	P 4 <sub>3</sub> 2 <sub>1</sub> 2	P 4 <sub>3</sub> 2 <sub>1</sub> 2
a, b, c (Å)	72.1, 72.1, 132.7	72.1 72.1 133.6
$\alpha$ , $\beta$ , $\gamma$ (°)	90, 90, 90	90, 90, 90
Wavelength (Å)	1.735	1.735
Resolution (Å)	48.82 - 2.59 (2.683 - 2.59)	49 - 2.202 (2.281 - 2.202)
No. of observations	222518 (13,788)	360930 (20,917)
No. of unique reflections	11379 (1030)	18429 (1691)
Multiplicity	19.6 (13.4)	19.6 (12.4)
Completeness (%)	99.12 (91.39)	99.40 (94.00)
$R_{\text{merge}}$ (%)	7.0 (117.6)	9.8 (128.2)
$R_{\text{meas}}$ (%)	7.2 (111.6)	10.4 (120.5)
$\langle I/\sigma(I) \rangle$	25.44 (1.66)	17.78 (1.72)
CC <sub>1/2</sub> (%)	100 (67.2)	100 (0.877)