



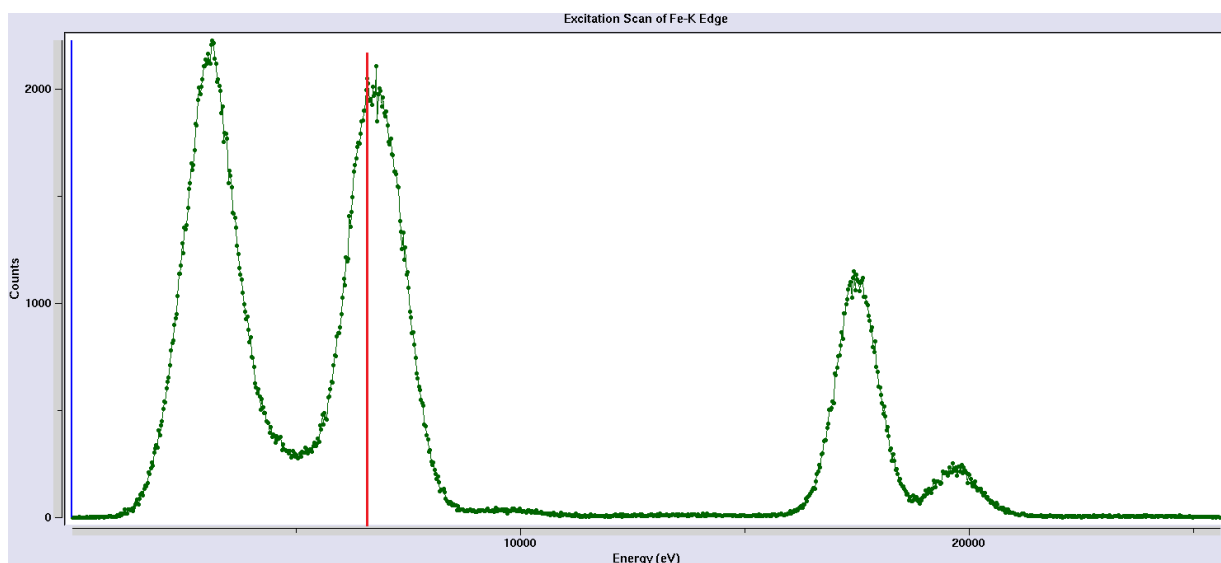
STRUCTURAL BIOLOGY  
COMMUNICATIONS

**Volume 71 (2015)**

**Supporting information for article:**

**Crystallographic analysis of a cupin superfamily enzyme from  
*Microcystis aeruginosa* involved in aeruginosin biosynthesis**

**Xiaoting Qiu, Cui Xu and Xu Chen**



**Figure S1** X-ray fluorescence emission spectrum of the Ma-AerE crystal near the wavelength of the Fe *K*-edge (corresponding energy of 7132eV) by a scan duration of 10 s. The spectrum illustrates that Ag, Ca, Mn, Fe, Cd and Co are abundant in the sample. The peak corresponding to Fe is indicated by a red line.

**Table S1** Concentrations of metal elements (mean value  $\pm$  standard deviation) determined by ICP-AES.

The concentration of Ma-AerE used in the assay is 5 mg ml<sup>-1</sup> (in buffer A). An equal volume of buffer A was used as a control

Concentration ( $\mu\text{g ml}^{-1}$ )	Fe	Mn	Co
Protein solution	25.37 $\pm$ 0.01	2.16 $\pm$ 0.02	<2
Control	17.07 $\pm$ 0.08	<2	<2