

Supplementary Table 1: Best Fit Parameters for Pol2 EXAFS Data.

scatterer	parameter ^a	fitted value
Fe–S	r (Å)	2.29
	N	4
	A	0.89
	σ^2 (Å ²)	0.003
Fe...Fe	r (Å)	2.72
	N	3
	A	0.55
	σ^2 (Å ²)	0.004
	$R(\text{fit})$	$6.0 \cdot 10^{-3}$
	E_0 (eV)	3.022

^a r , scattering path; N , coordination number; A , scattering path amplitude; σ^2 , Debye–Waller factor. k^3 -weighted data fit in the k range of 2–13 Å^{−1}; FT-EXAFS window range fitted 1.0–3.0