

Supplementary information, Table S1 Data collection and refinement statistics for ISG58 (SAD)

	Native	Se Derivative
Data collection		
Beam Line	SSRF_BL17U	Diamond_I04
Space group	P2 ₁ 2 ₁ 2 ₁	P2 ₁ 2 ₁ 2 ₁
Cell dimensions		
<i>a</i> , <i>b</i> , <i>c</i> (Å)	63.722,71.529,115.526	63.870,71.530,116.290
α , β , γ (°)	90.00, 90.00, 90.00	90.00, 90.00, 90.00
Resolution (Å)	50-1.97 (2.00-1.97) *	50-2.05 (2.09-2.05)
<i>R</i> _{sym/ano}	0.080 (0.796)	0.117 (0.772)
<i>I</i> / σ <i>I</i>	52.23 (4.78)	28.50 (2.85)
Completeness (%)	99.9 (100)	99.9 (100)
Redundancy	14.3 (14.6)	7.5 (7.3)
Refinement		
Resolution (Å)	36.7-1.97	
No. reflections	36384	
<i>R</i> _{work} / <i>R</i> _{free}	19.3%/23.7%	
No. atoms	4220	
Protein	3840	
Ligand/ion	0	
Water	380	
<i>B</i> -factors		
Protein	39.1	
Ligand/ion	0	
Water	45.9	
R.m.s. deviations		
Bond lengths (Å)	0.021	
Bond angles (°)	1.038	

*Values in parentheses are for the highest-resolution shell.