

Supporting information for Márquez *et al.* (2002) *Proc. Natl. Acad. Sci. USA* **99** (6), 3458–3463. (10.1073/pnas.052461499)

**Table 1. Data collection and refinement statistics**

<b>Space group</b>		R32		
<b>Unit cell</b>	a b c, Å	152.240	152.240	194.686
	$\alpha \beta \gamma$ , °	90.00	90.00	120.00
<b>Data collection</b>				
Resolution, Å		50-1.95 (2.00-1.95)*		
Observations		381,615 (25052)		
Unique reflections		62,908 (4551)		
Completeness, %		99.7 (99.8)		
$I/\sigma$		13.5 (4.4)		
$R_{\text{sym}}$ , † %		8.4 (33.8)		
$R_{\text{meas}}$ , ‡ %		9.1 (37.4)		
<b>Refinement</b>				
Resolution range, Å		50–1.95		
R factor / free R factor, § %		22.6 / 24.6		
No. of reflections		62,899		
No. of protein atoms in asym. Unit		4,506		
No. of water molecules		293		
No. of ligands, molecules/atoms		9/32		
rmsd bond lengths, Å		0.0056		
rmsd bond angles, °		1.5		
Average B factor, Å <sup>2</sup>		47.9		

\*The number in parentheses refer to the higher resolution shell.

† $R_{\text{sym}} = \sum |I_{hi} - \bar{I}_h| / \sum I_{hi}$ , where  $I_{hi}$  is the scaled intensity of

the  $i$ th symmetry-related observation of reflection  $h$  and  $\bar{I}_h$  is the mean value.

‡Redundancy independent R factor as implemented in XDS.

§The free R factor value was calculated using 10% of reflections randomly chosen and not included in the data refinement.