

Supplementary information, Table S1

Table S1 Data collection and refinement statistics (molecular replacement)

| | dTale2 (148-610) |
|---|---------------------------------------|
| Data collection | |
| Space group | P3221 |
| Cell dimensions | |
| <i>a</i> , <i>b</i> , <i>c</i> (Å) | a=b=101.28, c=95.59 |
| α , β , γ (°) | α = β =90, γ =120 |
| Wavelength (Å) | 0.9791 |
| Unique reflections | 29024 (1435) |
| Resolution (Å) | 15.00-2.20 (2.24-2.20) |
| R_{sym} or R_{merge} | 6.9 (31.0) |
| <i>I</i> / sigma | 37.6 (5.8) |
| Completeness (%) | 100.0 (100.0) |
| Redundancy | 10.9 (11.1) |
| Refinement | |
| Resolution (Å) | 2.2 |
| No. reflections | 28963 |
| R_{work} / R_{free} (%) | 20.60/24.28 |
| No. atoms | |
| Protein | 3191 |
| Water | 160 |
| <i>B</i> -factors | |
| Protein | 42.13 |
| Water | 42.71 |
| R.m.s. deviations | |
| Bond lengths (Å) | 0.008 |
| Bond angles (°) | 1.184 |
| Ramachandran plot statistics (%) | |
| Most favorable | 94.9 |
| Additionally allowed | 5.1 |
| Generously allowed | 0 |
| Disallowed | 0 |

Values in parentheses are for the highest resolution shell. $R_{\text{merge}} = \sum |I_i - I_m| / \sum I_i$, where I_i is the intensity of the measured reflection, and I_m is the mean intensity of all the symmetry-related reflections. $R_{\text{work}} = \sum |F_o - F_c| / \sum F_o$, where F_o and F_c are the observed and calculated structure factor amplitudes, respectively. R_{free} is calculated with 5% reflections not used in refinement.