

## Supplementary Material

PDB code	Crystallization condition		
1D1S (Xie & Hurley, 1999)	0.1M Zinc Acetate 0.0075M NAD <sup>+</sup>	0.1M Cacodylate pH 6.5	18% PEGL 6000
1FD9 (Riboldi-Tunnicliffe <i>et al.</i> , 2001)	0.5M Zinc Acetate	0.1M MES pH 6.1–6.5	15–20% PEG 8000
1K51 (O'Neill <i>et al.</i> , 2001)	0.225M Zinc Acetate	0.5M Cacodylate pH 6.5	2% PEG8000
1K52 (O'Neill <i>et al.</i> , 2001)	0.12M Zinc Acetate	0.5M Cacodylate pH 6.5	
1K53 (O'Neill <i>et al.</i> , 2001)	0.225M Zinc Acetate	0.5M Cacodylate pH6.5	
1NNK (Lunn <i>et al.</i> , 2003)	0.1M Zinc Acetate	0.1M Cacodylate pH 5.5	20% PEG 8000
1UV0 <sup>NR</sup>	0.2M Zinc Acetate	0.1M Cacodylate pH 6.0	20% PEG 8000 5% GLYCEROL
1UQW <sup>NR</sup>	0.2M Zinc Acetate	0.1M Sodium Acetate pH 6.0	15% PEG 8000 5% GLYCEROL
1VPY <sup>NR</sup>	0.2M Zinc Acetate	0.1M Acetate pH4.5	10% PEG-3000
2AL4 (Jin <i>et al.</i> , 2005)	0.1-0.15M Zinc Acetate	0.1M Sodium Acetate pH 5.5	10-14% PEG8000
2CH9 (Schuttelkopf <i>et al.</i> , 2006)	0.18M Zinc Acetate	0.18 M Acetic Acid pH 4.6	9% PEG 3350
2GFE (Weston <i>et al.</i> , 2006)	0.1M Zinc Acetate	0.1M Sodium Acetate pH 5.5	14% PEG 8K
2HBB <sup>NR</sup>	0.2M Zinc Acetate 2.5M NaCl	0.01M Imidazole pH 8.0	
2IZO (Dore <i>et al.</i> , 2006)	0.22M Zinc Acetate 0.03M GLYCYL-GLYCYL-GLYCINE	0.1M Acetate PH 4.8	8% PEG 8,000
2J6E (Duquerroy <i>et al.</i> , 2007)	0.003M Zinc Acetate 0.003M CdCl <sub>2</sub>	0.1M CacodylatePH 6.5	10% MPEG 5000
2JGO (Touw <i>et al.</i> , 2007)	0.2M Zinc Acetate	0.1M Imidazole pH 8.0	30% PEG-400
2W0M (McRobbie <i>et al.</i> , 2009)	0.15M Zinc Acetate	0.1M MES PH 5.5,	PEG 8K 8.94%
2W9N (Komander <i>et al.</i> , 2009)	0.2M Zinc Acetate pH 7.0		22% PEG 3350
2XK5 (Virdee <i>et al.</i> , 2010)	0.2M Zinc Acetate pH 7.0		19-20 % PEG 3350
2Y7I (Stamp <i>et al.</i> , 2011)	0.2M Zinc Acetate	0.1M Cacodylate pH 7.4	18% PEG 8000
2ZCB <sup>NR</sup>	0.2M Zinc Acetate pH 6.3		20% PEG 3350
3AAK (Inuzuka <i>et al.</i> , 2010)	0.05M Zinc Acetate	0.1M Cacodylate pH 6.5	25% 2-methyl-2,4-pentanediol
3CJJ (Koch <i>et al.</i> , 2010)	0.2M Zinc Acetate	0.1M Cacodylate pH 6.5	11% PEG 8000
3DP6 (Ahmed <i>et al.</i> , 2009)	0.1-0.2M Zinc Acetate	0.1M Cacodylate pH 6.5	14-17% PEG 8000
3DZA <sup>NR</sup>	0.2M Zinc Acetate pH 6.3		20% PEG-3350
3EER <sup>NR</sup>	0.2M Zinc Acetate	0.1M Imidazole pH 8.0	20% PEG 3000
3FAV <sup>NR</sup>	0.2M Zinc Acetate	0.1M Imidazol pH 6.5	33% PEG 600
3FM4 <sup>NR</sup>	0.1M Zinc Acetate	0.1M Cacodylate pH 6.5	16% PEG 8000

3FJU (Sanglas <i>et al.</i> , 2009)	0.2M Zinc Acetate	0.1M Cacodylate pH 6.5	9% PEG 8000
3H6T (Hald <i>et al.</i> , 2009)	0.3M Zinc Acetate	0.1M Cacodylate pH 6.5	25 % PEG 4000
3IOT (Kim <i>et al.</i> , 2009)	0.2M Zinc Acetate 0.2M Sodium Acetate	0.1M Cacodylate pH 6.5- 7.4	12% PEG 4000
3IVB <sup>NR</sup>	50mM Zinc Acetate	0.1M Tris pH 7.6	10-20% PEG3350
3M3L (Ahmed <i>et al.</i> , 2010)	0.1-0.15M Zinc Acetate 0.25M Ammonium Sulfate	0.1M Cacodylate pH 6.5	14-15% PEG 8000
3M52 (Stogios <i>et al.</i> , 2010)	0.075M Zinc Acetate pH 4.6		
3M6Q (Fieulaine <i>et al.</i> , 2011)	0.1M Zinc Acetate		20% PEG-3350
3MCX <sup>NR</sup>	0.2M Zinc Acetate	0.1M Cacodylate pH 6.5	2% 2-propanol
3OAX (Makino <i>et al.</i> , 2010)	0.065 M Zinc Acetate 0.85 M Ammonium Sulfate	0.03 M MES pH 6.0	0.005 M □-mercaptoethanol
3P2X <sup>NR</sup>	0.04% Zinc Acetate	0.05M Sodium Citrate pH 8.3	1% phenol
3P33 <sup>NR</sup>	0.04% Zinc Acetate	0.05M Sodium Citrate pH 8.3	1% phenol
3R3Q (Ren & Hurley, 2011)	0.2M Zinc Acetate	0.1M Imidazole pH 8.0	25% 1,2-propanediol 10% glycerol
3RF4 (Cho <i>et al.</i> , 2011)	0.16-0.24 M Zinc Acetate	0.1M Imidazole pH 8.0	15-25% PEG3000
3RTF (Poon <i>et al.</i> , 2011)	0.1-0.15M Zinc Acetate 0.25M Ammonium Sulfate	0.1M SodiumCacodylate pH 6.5	14-15% PEG8000
3S9C (Nakayama <i>et al.</i> , 2011)	0.2M Zinc Acetate pH 6.0		20% PEG 3350

\*NR: No reported primary citation

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