

Volume 70 (2014)

Supporting information for article:

Crystallization and preliminary crystallographic studies of the hypothetical protein BPSL1038 from Burkholderia pseudomallei

Sofiyah Shaibullah, Nurhikmah Mohd-Sharif, Kok-Lian Ho, Mohd Firdaus-Raih, Sheila Nathan, Rahmah Mohamed and Chyan Leong Ng

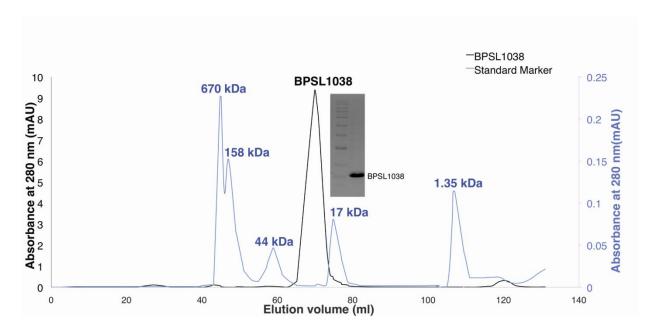


Figure S1 Size-exclusion chromatography analysis of the BPSL1038 protein on a Superdex 75 pg column (GE Healthcare). The peak corresponding to BPSL1038 falls between the retention volumes corresponding to myoglobin (17 kDa) and ovalbumin (44 kDa), suggesting that BPSL1038 may exist as dimers in solution

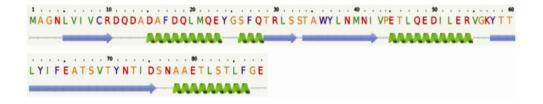


Figure S2 Secondary-structure prediction of BPSL1038 showing four α -helices and four β -strands as determined by *Phyre*2 (Kelley & Sternberg, 2009).

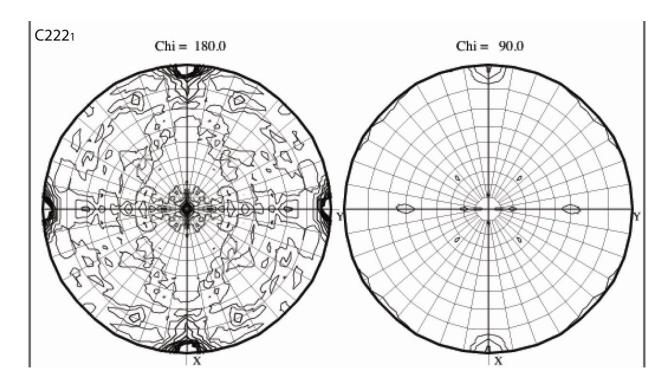


Figure S3 Stereographic projections of the self-rotation function peaks calculated by *MOLREP*. Sections of (a) $\kappa = 180^{\circ}$ and (b) $\kappa = 90^{\circ}$ are shown.