

Supplementary Figures

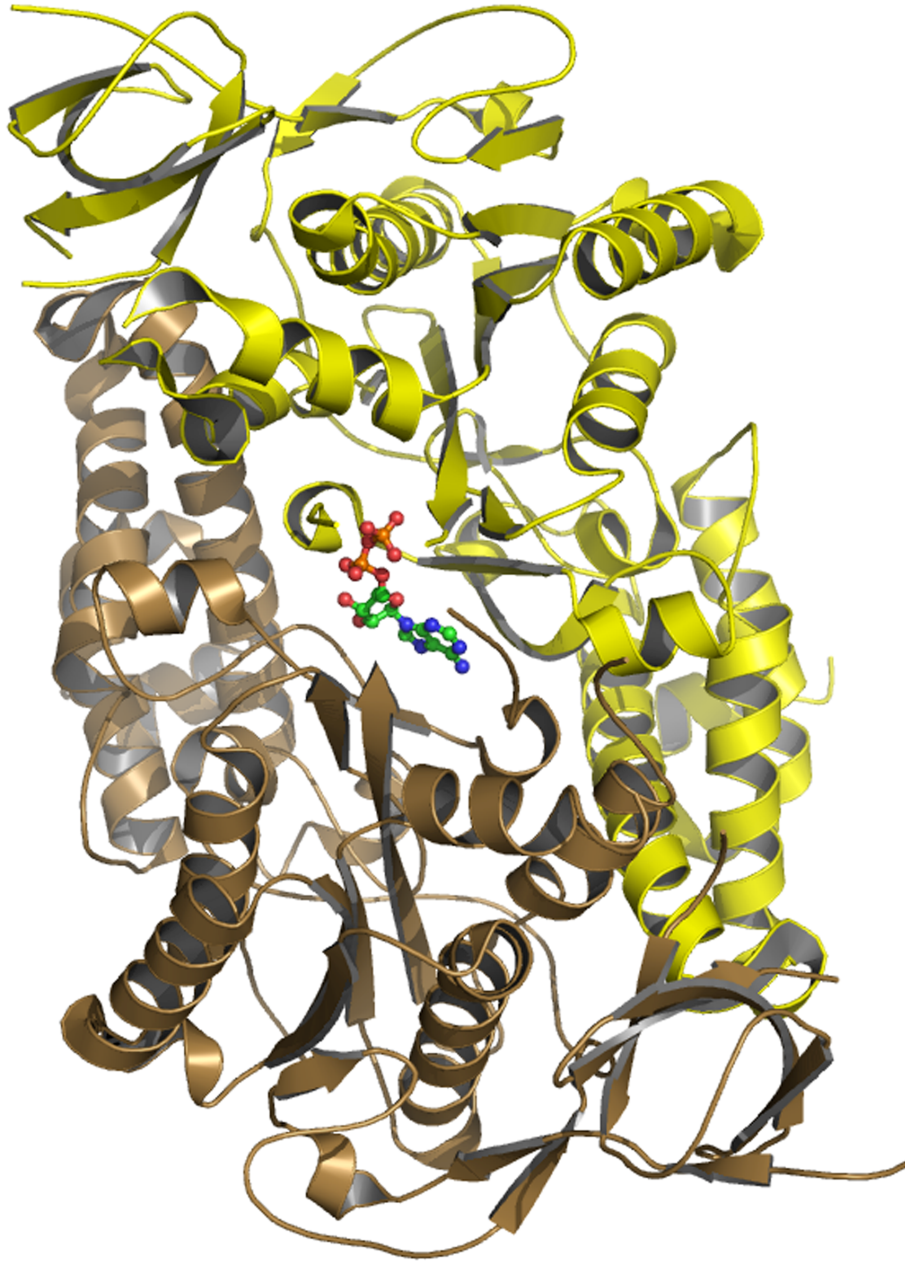


Figure S1: Crystal structure of nucleotide bound subunit B from *M. maezi* Gö1 shown in ribbon representation (yellow – chain A; sand – chain B). The ADP molecule is shown in ball and stick representation.

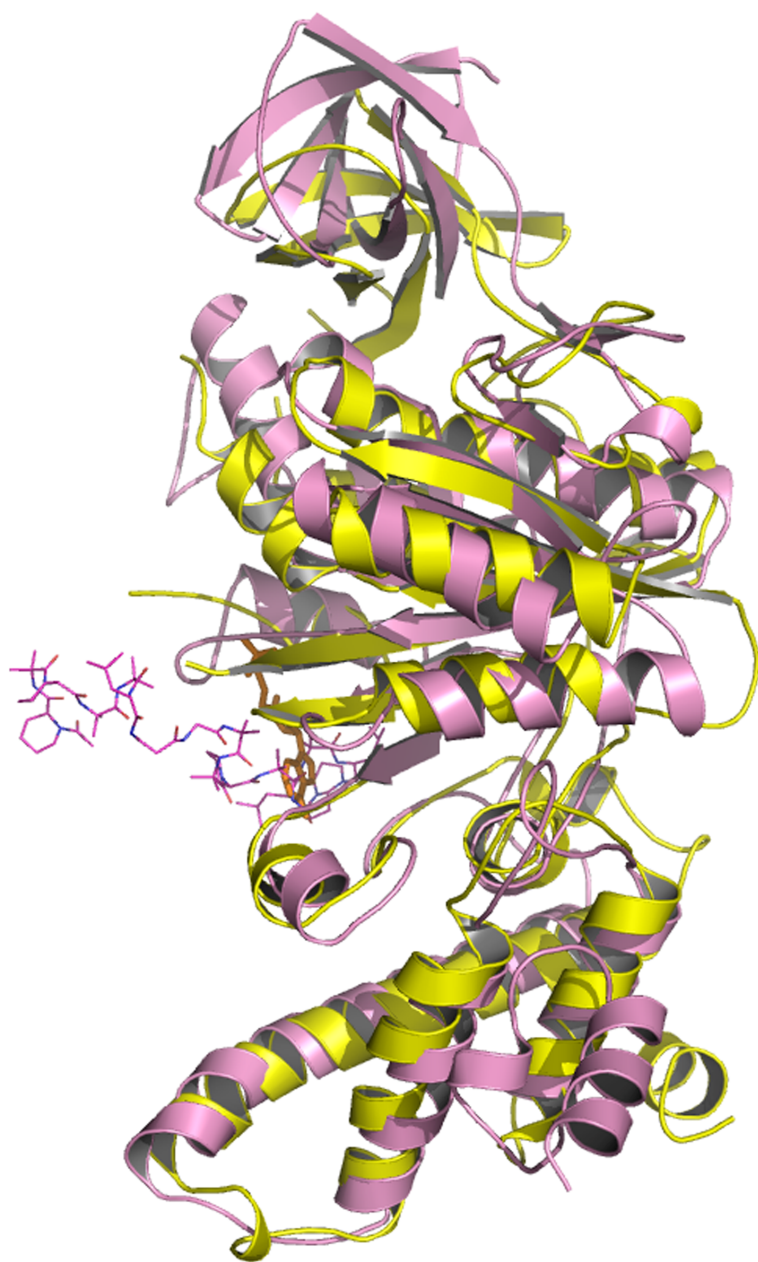


Figure S2: Structural superposition of the X-ray structure of efrapeptin C bound β_E of the bovine F₁ ATPase (1EFR, *pink*) with the nucleotide bound B-subunit from *M. mazei* Gö1 (yellow) with respect to the central domain. The efrapeptin C (*purple line representation*) and ADP (*orange stick representation*) molecules are also shown.

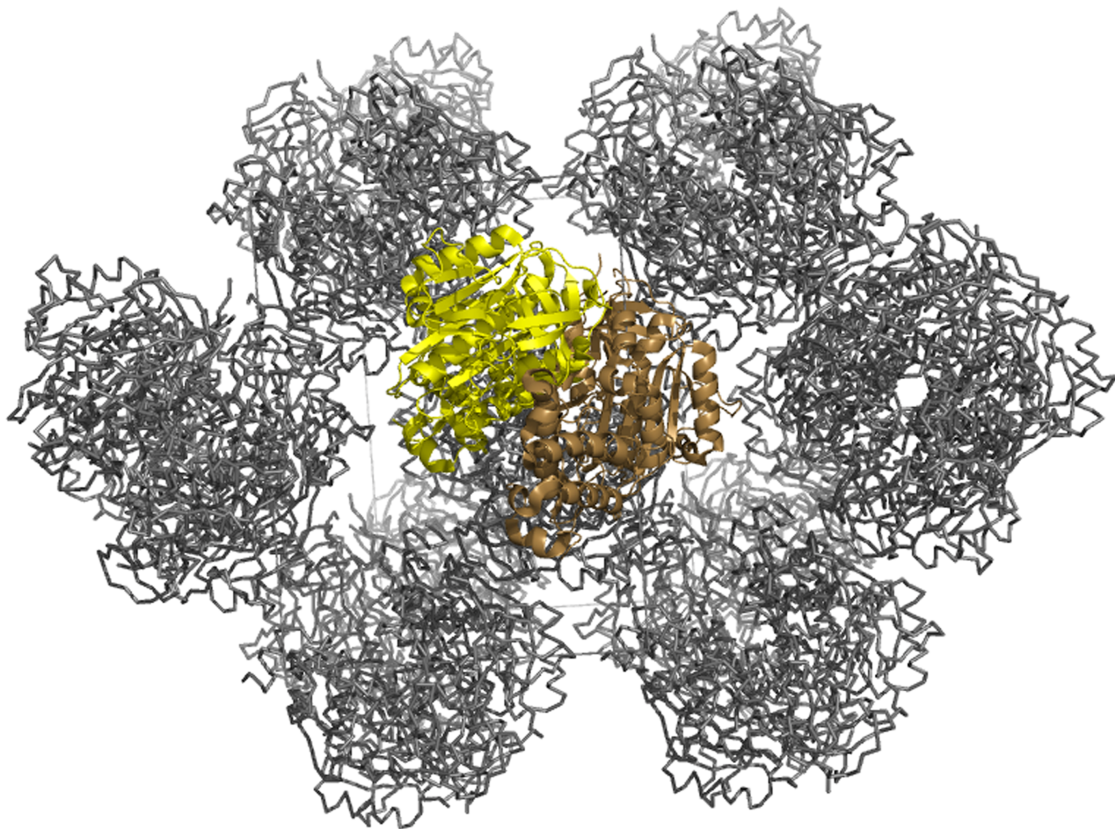


Figure S3: Packing diagram for the ADP bound subunit B protein. The two molecules in the asymmetric unit are shown in cartoon representation and coloured (Chain A - *yellow*; Chain B - *sand*) while the symmetry related molecules are shown in dark gray color as $C\alpha$ trace. The solvent content is 45.35% and the Matthew's co-efficient is $2.25 \text{ \AA}^3/\text{Da}$.