

Multiple alignment of subunit F (supplementary Figure 3).

Multiple alignment was performed by using Pfam program (Bateman et al, 2004). The identical residues were colored in red and the similar residues were colored in green. The position of D11 and K83 of subunit F are represented an asterisk (*) and a plus (+) respectively. Abbreviations are as follows: THETH, Thermus thermophilus; ENTHR, Enterococcus hirae; PYRHO, Pyrococcus horikoshi; DESSY, Desulfurococcus sp (strain SY); METJA, Methanococcus jannaschii; ARCFU, Archaeoglobus fulgidus; METMA, Methanosarcina mazei; HALVO, Halobacterium volcanii; METTH, Methanobacterium thermoautotrophicum; SCHPO, Schizosaccharomyces pombe; HUMAN, Homo sapiens; CAEEL, Caenorhabditis elegans; ANOGA, Anopheles gambiae; TRYCR, Trypanosoma cruzi. This figure was prepared by using EMBOSS programs (Rice et al, 2000).

References

Bateman A, Coin L, Durbin R, Finn RD, Hollich V, Griffiths-Jones S, Khanna A, Marshall M, Moxon S, Sonnhammer EL, Studholme DJ, Yeats C, Eddy SR (2004) The Pfam protein families database. *Nucleic Acids Res* **32:** D138-141

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