Bioinformatic Analysis Reveals Conservation of Intrinsic Disorder in the Linker Sequences of Prokaryotic Dual-family Immunophilin Chaperones

Sailen Barik

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Sailen Barik

3780 Pelham Drive, Mobile, AL 36619, USA

Correspondence:

Telephone: 251-454-1255

E-mail: barikfamily@gmail.com

Running title: Intrinsic disorder in dual-family chaperone linkers

Key words:

Chaperone; Immunophilin; Intrinsic disorder; Flexible linker; Flavobacteria; Spirochetes

Abbreviations:

CYN, cyclophilin; CFBP, cyclosporin- and FK506-binding protein; FCBP, FK506- and cyclosporin-binding protein; DFI, dual-family immunophilin; ID, intrinsic disorder; TPR, tetratricopeptide repeat