

Bodo saltans tagging plasmid: 69 kDa paraflagellar rod protein 2C cassette for C terminal tagging_BsTub Version 2

Fatma Gomaa,Roberto Docampo,Virginia Edgcomb,Peter Girguis,Zuhong Li

Abstract

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The plasmid is designed to tag the *B. saltans* 69 KDa paraflagellar rod protein 2C (PFR- 2), (GenBank accession #CYKH01000743: scaffold1667, positions 3455 to 6406). The plasmid was integrated into *B. saltans* genome by homologous recombination. Insertion of the tubulin intergenic region following the PFR-2 gene and before the Neomycin (*Neo*) resistance gene, is essential for *trans*-splicing and polyadenylation, as transcription in *Bodo* is polycistronic, similar to other related kinetoplastids (Trypanosomes, Leishmania).