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Working

Transfection of V5 labelled plasmid derived from regulatory sequences of *Blastocrithidia* sp. p57

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Protist Research to Optimize Tools in Genetics (PROT-G)

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MATERIALS TEXT

☐ [p57-V5+G418 plasmid.tif](#) ☐ [p57-V5+G418 plasmid.dna](#)

- 1 The plasmid named as p57-V5+G418 was cloned in the backbone pBluescript II SK(+).
The p57-V5+G418 plasmid contains V5-tagged aminoglycoside 3'-phosphotransferase gene (conferring resistance to neomycin) surrounded by regulatory sequences derived from the hexokinase gene of the kinetoplastid *Blastocrithidia* sp. p57 .
We electroporated linearised plasmid (digested with Swal) into *D. papillatum* cells using an established protocol (Kaur *et al.* 2018) with Amara X-001 program and clones were selected under Geneticin resistant marker.



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