

# ERRATA

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Title: Molecular cloning of *YinP* gene from *Leishmania major* using two red fluorescent pXG-mCherry plasmids. Valuable tools for gene expression location.

## PAGE 29

**Original text:** Firstly, *YinP* structure was analysed using in silico methods and its structure was then predicted (**Figure 6**). According to the anticipated secondary and tertiary structures, a nuclear localization signal (NLS) was discovered and the subcellular localization of *YinP* in *Leishmania* spp. was presumed as nuclear (Algarabel-Olona et al., 2015).

**Correction:** Firstly, *YinP* structure was analysed using in silico methods and its structure was then predicted (**Figure 6**). According to the anticipated secondary and tertiary structures, a nuclear localization signal (NLS) was discovered and the subcellular localization of *YinP* in *Leishmania* spp. was presumed as nuclear (Algarabel-Olona et al., 2015).

## PAGE 32

**Original text:** pXG-mCherry12 plasmid is suitable for creation of N-terminal fluorescent fusion proteins whereas pXG-mCherry34 was designed to provide C-terminal fusion proteins (Vacas et al., 2015).

**Correction:** pXG-mCherry12 plasmid is suitable for creation of C-terminal fluorescent fusion proteins whereas pXG-mCherry34 was designed to provide N-terminal fusion proteins (Vacas et al., 2015).

## PAGE 33

**Original text:** pXG-mCherry12 was designed to create N-terminal fusion fluorescent proteins whereas pXG-mCherry34 produces C-terminal fusion proteins.

**Correction:** pXG-mCherry12 was designed to create C-terminal fusion fluorescent proteins whereas pXG-mCherry34 produces N-terminal fusion proteins.

## PAGE 34

**Original text:**

- to construct pXG-mCherry12-*YinP* plasmid designed to create N-terminal fusion fluorescent protein;
- to construct pXG-mCherry34-*YinP* plasmid designed to create C-terminal fusion fluorescent protein;

**Correction:**

- to construct pXG-mCherry12-*YinP* plasmid designed to create C-terminal fusion fluorescent protein;

- to construct pXG-mCherry34-*YinP* plasmid designed to create N-terminal fusion fluorescent protein;

**PAGE 56**

**Original text:** For the pXG-mCherry12-*YinP* construction, was necessary to skip terminal codon (TAA) because the aim was to create a N-terminal fusion protein.

**Correction:** For the pXG-mCherry12-*YinP* construction, it was necessary to skip terminal codon (TAA) because the aim was to create a C-terminal fusion protein.

**PAGE 71**

**Original text: Figure 31:** Fluorescent images of *Leishmania major* promastigotes transfected with pXG-mCherry12 or pXG-mCherry12-*YinP* plasmids after DAPI staining

**Correction: Figure 31:** Fluorescent images of *Leishmania major* promastigotes transfected with pXG-mCherry34 or pXG-mCherry34-*YinP* plasmids after DAPI staining