**Table 5: Quantification of extracellular trypomastigotes**

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| --- | --- | --- | --- |
| **Trypomastigotes (106)** | **WT** | **Cas9** | **TcMscS-KO** |
| 4 dpi | 2.11±0.74 | 4.04±1.09 | 0.41±0.03 |
| 5 dpi | 12.6±4.34 | 14.2±5.19 | 1.83±0.48 |
| 6 dpi | 31.8±6.91 | 49.3±11.2 | 5.22±1.27\* |
| p-value (6 dpi) |  | 0.24 | 0.003 |

For all the conditions values are Mean±SE of n=4. p values were calculated based on one-way ANOVA analysis with Bonferroni post-test. Differences were considered significant when p<0.05(\*).