**Table 4: Quantification of intracellular amastigotes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Amas/100 cells** | **WT** | **Cas9** | **TcMscS-KD** | **TcMscS-KO** |
| Average 6 h-pi | 2.49±0.90 | 1.41±0.65 | 3.46±0.96 | 3.09±1.26 |
| p-value |  | 0.36 | 0.48 | 0.71 |
| Average 48 h-pi | 56.43±5.73 | 54.96±5.20 | 37.12±1.17\* | 25.64±1.06\* |
| p-value |  | 0.85 | 0.029 | 0.006 |

For all the conditions values are Mean±SE of n=5. p values were calculated based on one-way ANOVA analysis with Bonferroni post-test. Differences were considered significant when p<0.05(\*).