Supplemental Table I - Global Parasitemia

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| **STRAINS** | **GP** | **SD** | **AUC** |
| C57BL/6 | 1.30E+05# | 1.40E+04 | 297467 |
| MyD88-/- | 3.30E+05\*# | 1.94E+04 | 753333 |
| Caspase-1-/- | 3.60E+05\*# | 3.73E+04 | 850667 |
| NLRP3-/- | 4.04E+05\*# | 2.88E+04 | 931000 |
| iNOS-/- | 3.70E+05\*# | 1.57E+04 | 863333 |
| IFN-γ-/- | 9.40E+05\* | 6.36E+04 | 2405000 |

**Effect of NLRP3 and caspase-1 in the control of acute phase of *T. cruzi* infection**. WT, MyD88-/-, NLRP3-/-, Caspase-1-/-,IFN-γ-/- and iNOS-/- mice were subcutaneously infected with 103 *T. cruzi* blood trypomastigotes. Parasitemia was quantified by counting the parasites in 5μL of tail blood obtained on days 4 to 20 after infection. Global Parasitemia (GP) represents the mean of sum of total blood parasites found in each mouse strain and S.D. (n=6). \*\*\* p>0,001 compared to the WT group and #p>0,001 compared to IFN-γ-/- group. No significant difference was observed among MyD88-/-, iNOS-/-, Caspase-1-/- and NLRP3-/- groups. AUC – Area under Curve. Experiments were repeated two times with IFN-γ-/- and iNOS-/- mice and five times with MyD88-/-, NLRP3-/-, caspase-1-/- mice showing similar results.