

Table S1 Significant influence of the infection dose on parasite development and cell condition over time in culture medium with 5% FCS.

	dpi	p-value	df	F	Chi-square
Cells with merozoites	5	<0.001	3, 32	24.5	n.a.
	7	0.018	3, 30	3.9	n.a.
	9	<0.001	3, 32	8.9	n.a.
Free merozoites	2	0.027	3, 29	3.5	n.a.
	5	0.001 [§]	3	n.a.	25.4
	9	0.005	3, 32	5.2	n.a.
Gametocytes	12	<0.001	3, 32	8.7	n.a.
Oocysts	12	0.004	3, 32	3.0	n.a.
	15	0.049	3, 31	2.9	n.a.
Cell condition	5	<0.001 [§]	3	n.a.	21.8
	7	<0.001	3, 30	17.7	n.a.
	9	<0.001	3, 32	15.3	n.a.
	12	0.033 [§]	3	n.a.	8.7

P-values from ANOVA comparing four different infection doses (sporozoites:cells = 1:10, 1:100, 1:200, 1:400) are shown. [§]data were not normally distributed, the p-values from Kruskal-Wallis tests are shown; dpi: days post infection; df: degrees of freedom; n.a.: not applicable because of used statistical test; significance was assumed for $p \leq 0.05$.