

Table S4: Enrichment of zygotes during purification using “2 MACS 2 Percoll” method

Parasite/Cell	Before Purification (after 6h in ookinete media)	After 1 st MACS Column	After 2 nd MACS Column	After 1 st Percoll		After 2 nd Percoll		
				Column		Column		
				upper band	lower band	upper band	middle band	lower band
RBC	11.7x10 ⁹	5.7x10 ⁶	0	0	0	0	0	0
Gam	27.0x10 ⁷	3.0x10 ⁷	2.6x10 ⁷	2.6x10 ⁶	3.7x10 ⁶	0	0	1.0x10 ⁵
Zygote	11.6x10 ⁷	3.5x10 ⁷	3.2x10 ⁷	1.6x10 ⁷	2.3x10 ⁶	6.4x10 ⁶	4.7x10 ⁵	3.0x10 ⁵
Mac Gam	2.3x10 ⁷	4.7x10 ⁶	2.7x10 ⁵	1.5x10 ⁵	6.0x10 ⁵	0	0	0
Zygote %	1.0%	46.4%	54.9%	85.3%	34.8%	100%	100.0%	75.0%

Absolute total numbers of RBCs and different parasite stages before and after each purification step are shown. Enrichment of zygote is indicated by the percentage of zygote in the whole population after each purification step. RBC = red blood cells; Gam = gametocytes; Mac Gam = macrogametocytes.