

Table S3: Enrichment of zygotes during purification using “1 MACS 1 Percoll” method

Parasite/Cell	Before Purification	After Column	Percoll, 1000xg, 30 min		
			upper band	middle band	lower band
RBC	9.0x10 ⁹	4.0x10 ⁶	0	0	2.0x10 ⁵
Gam	1.5x10 ⁸	1.2x10 ⁷	1.0x10 ⁵	5.0x10 ⁵	2.7x10 ⁶
Zygote	2.4x10 ⁸	1.8x10 ⁷	4.0x10 ⁶	4.2x 10 ⁶	2.1x10 ⁶
Mac Gam	1.4 x10 ⁸	4.8x10 ⁶	4.0x10 ⁵	3.0x10 ⁵	6.0x10 ⁵
Zygote %	2.5%	46.4%	88.9%	84.0%	37.5%

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