

## Supplementary 1

**Table S1.** Oocyst counts and whether they were processed by heating or DNA extraction.

<b>Number of oocyst/mosquito</b>	<b>Number of Mosquitoes</b>	<b>Heating / DNA extraction</b>
1	17	Heating
2	5	Heating
3	6	Heating
4	4	Heating
5	2	Heating
6	1	Heating
7	1	Heating
10	1	Heating
Pools	36	Heating
1	17	DNA extraction
2	4	DNA extraction
3	4	DNA extraction
4	5	DNA extraction
6	1	DNA extraction
8	1	DNA extraction
13	1	DNA extraction
14	1	DNA extraction
46	1	DNA extraction
Pools	36	DNA extraction

**Table S2.** Sporozoites classification and whether they were processed by heating or DNA extraction.

<b>Sporozoite classification*</b>	<b>Number of Mosquitoes</b>	<b>Heating / DNA extraction</b>
High	17	Heating
Moderate	9	Heating
Low	4	Heating
Negative	8	Heating
High	17	DNA extraction
Moderate	9	DNA extraction

Low	4	DNA extraction
Negative	8	DNA extraction

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\* High >100 sporozoites, Moderate 20 -100, Low 1-20 sporozoites