

**Table S1:** Parasite prevalence in **12 villages** along the Thailand-Myanmar border. The villages are sorted by parasite prevalence. The 4 villages with the highest prevalence were selected for more exhaustive studies.

Village	<i>P. falciparum</i>	%	<i>P. vivax</i>	%	mix <i>P. falciparum</i> + <i>P. vivax</i>	%	<i>Plasmodium</i> spp	%	negative	%	Total
KNH	6	12%	11	22%	2	4%	3	6%	29	57%	51
HKT	7	15%	9	19%	0	0%	4	8%	28	58%	48
TOT	3	7%	10	24%	0	0%	4	10%	24	59%	41
TPN	1	2%	4	7%	1	2%	11	20%	37	69%	54
MPK	1	2%	13	26%	0	0%	1	2%	35	70%	50
TKY	1	2%	3	5%	1	2%	7	13%	44	79%	56
KAG	0	0%	5	10%	0	0%	4	8%	40	82%	49
MWK	0	0%	4	8%	0	0%	5	10%	41	82%	50
LGA	0	0%	5	10%	0	0%	3	6%	42	84%	50
HLA	1	2%	2	4%	1	2%	1	2%	50	91%	55
WMH	0	0%	4	8%	0	0%	0	0%	47	92%	51
PLL	1	2%	3	5%	0	0%	0	0%	56	93%	60
<b>TOTAL</b>	<b>21</b>	<b>3%</b>	<b>73</b>	<b>12%</b>	<b>5</b>	<b>1%</b>	<b>43</b>	<b>7%</b>	<b>473</b>	<b>77%</b>	<b>615</b>