

Supplemental Table 3. Single cell sequencing statistics for each infection in the study.

Infection	Species	Cell [%]	qPCR [*]	%genome ≥ 1 read	%genome ≥ 10 reads	Q30 SNPs
WPP1494	<i>P. vivax</i>	9	0.45	65.1	44.5	78,236
WPP1494	<i>P. vivax</i>	6	1.1	57.3	35.8	69,793
WPP1494	<i>P. vivax</i>	5	3.73	70.9	43.8	76,164
WPP1494	<i>P. vivax</i>	10	7.25	69.9	48.5	86,329
WPP1494	<i>P. vivax</i>	17	7.49	63.1	41.3	71,795
WPP1494	<i>P. vivax</i>	mean	NA	65.3	42.8	76,463.40
VHX0333	<i>P. vivax</i>	3	0.01	12.6	7.6	22,034
VHX0333	<i>P. vivax</i>	23	0.01	21.2	13.2	43,616
VHX0333	<i>P. vivax</i>	8	0.67	38.8	20.7	49,053
VHX0333	<i>P. vivax</i>	1	0.99	58.4	37.6	68,210
VHX0333	<i>P. vivax</i>	12	1.73	55.9	30.8	61,971
VHX0333	<i>P. vivax</i>	mean	NA	37.4	22	48,976.80
VHX059	<i>P. vivax</i>	2	56.8 ^{\$}	62.9	36.1	31,234
MKK2664	<i>P. falciparum</i>	11	2.35	73.6	49.9	60,834
MKK2664	<i>P. falciparum</i>	15	8.69	91.5	69.7	64,170
MKK2664	<i>P. falciparum</i>	17	0.47	71.6	46.2	51,538
MKK2664	<i>P. falciparum</i>	20	3.78	67.6	46.2	61,423
MKK2664	<i>P. falciparum</i>	21	6.56	49.5	58.1	67,030
MKK2664	<i>P. falciparum</i>	22	0.01	65.2	43.3	81,136
MKK2664	<i>P. falciparum</i>	24	0.02	69.7	44.4	41,433
MKK2664	<i>P. falciparum</i>	mean	NA	69.2	51.3	61,080.60
3D7/Hb3	<i>P. falciparum</i>	9	0.02	80.8	61.9	54,105
3D7/Hb3	<i>P. falciparum</i>	21	0.06	85.4	66.5	56,763
3D7/Hb3	<i>P. falciparum</i>	17	0.25	41.5	30.6	25,078
3D7/Hb3	<i>P. falciparum</i>	12	0.20X	94.3	78.3	60,386
3D7/Hb3	<i>P. falciparum</i>	mean	NA	75.5	59.3	52,569.60
VHX059 (1)	<i>P. vivax</i>	Uncloned	NA	99.3	98.8	121,606
VHX059 (2)	<i>P. vivax</i>	Uncloned	NA	99.3	99	133,680
VHX0333	<i>P. vivax</i>	Uncloned	NA	99.1	96.5	158,785
3D7	<i>P. falciparum</i>	Lab line	NA	99.4	95	NA [#]
Hb3	<i>P. falciparum</i>	Lab line	NA	97.5	95.2	66,766

*Values are relative to the standard

^{\$}VHX059 cell 2 was used to develop the qPCR assay

[#]*P. falciparum* 3D7 is the reference sequence

[%]Each single cell reaction is shown, denoted by the tube number of its reaction, with the mean values across these single cell reactions shown below each infection. Cells are ordered by qPCR results. DNA from uncloned infections was available for VHX059 (sequenced in duplicate), VHX0333 and MKK2664 alongside laboratory lines 3D7 and Hb3 used in mixture experiments.