

Additional file 7 Parameters of primary and recurrent *Plasmodium vivax* blood infections for patients of the ISD group

Patient	Age/ sex	Primary blood infection:		Recurrent infection by microscopy:			Serology	
		(p/μl) asexual parasitaemia	RFLP-genotype: <i>cspr-msp3α/β</i>	^a Day	clinical symptoms:	(p/μl) asexual parasitaemia	RFLP-genotype: <i>cspr-msp3α/β</i>	(ELISA OD value/ 405NM; cut off value 0.25)
P6	3/F	2,364	vk247-A	^b D241	Yes	875	vk247-A	0.16 _{D211} → 2.57 _{D241}
P7	17/F	10,766	vk210-B/III	^b D236	Yes	14,218	vk210-B/III	0.04 _{D218} → 1.49 _{D236}
P15	62/F	675	vk210-B/IV	^b D312	Yes	246	vk210-B/IV	0.29 _{D301} → >3.0 _{D312}
P17	36/F	480	vk210/247-B/III	^b D108	Yes	8,485	vk247-A/I	0.18 _{D89} → 2.1 _{D209}
P35	20/F	2,241	vk210-C/V	^b D336	Yes	846	vk210-C/V	0.18 _{D308} → 1.88 _{D336}
P37	9/M	17,598	vk210-C/V	^b D287	Yes	866	vk210-C/V	0.16 _{D287} → 1.67 _{D308}
P39*	2/M	4,628	vk210/247-B/IV	^c D209	Yes	Mc-PCR-		0.17 _{D134} → 1.75 _{D209}
				^c D229	No	Mc-PCR-		→ 1.07 _{D229}
				D259	No	Mc-PCR-		→ 0.93 _{D259}
				^b D287	Yes	5,068	vk247-B/IV	→ 1.82 _{D287}
P44	60/M	2,951	vk210-C/VI	^b D282	Yes	844	vk210-C/VI	0.18 _{D244} → 0.53 _{D282}
P45	63/M	496	vk247-A	^c D248	No	Mc-PCR+	-	0.3 _{D213} → 0.547 _{D248}
				D271	No	Mc-PCR-		→ 1.34 _{D271}
				^b D297 ¹	Yes	205	vk247-A	→ 2.29 _{D297}

P55	32/F	3,171	vk210-g	^c D31	No	56	vk210-g	-
				^b D152	Yes	182	vk210/247-g/A	0.36 _{D122} → 1.32 _{D152}
P56	42/F	7,960	vk210-C/V	^b D178	Yes	1,570	vk210/247-A/I	0.41 _{D147} → 1.12 _{D178}
P62	26/M	4,319	vk210/247-C/II	^b D216	Yes	2,594	vk210-C/II	0.15 _{D183} → 2.48 _{D216}
P63	49/M	640	ND	^c D74	Yes	Mc-PCR+	vk210-B/III	0.74 _{D57} → 1.83 _{D74}
				^b D183	Yes	6,238	vk210-B/III	0.554 _{D161} → 2.09 _{D183}
P71*	6/F	9,294	vk210-C/V	^c D32	No	343	vk210-C/V	increased at D90 and after
				^c D66	No	347	vk210-C/V	
P72	12/M	8,059	vk210-B/III	D98 ²	Yes	3,505	vk210-B/III	0.963 _{D92} → 2.03 _{D98}
P80*	1/M	8,413	vk247-A	^c D210	No	Mc-PCR-	-	0.25 _{D189} → 1.71 _{D210}
				^c D252	No	4,603	vk247-A	→ 0.84 _{D252}
				^b D292	No	529	ND	→ 1.19 _{D292}
P81*	6/F	5,106	vk210-C/V	^b D95	Yes	1,378	vk210-C/V	0.18 _{D91} → 0.59 _{D95}
P136	9/M	5,744	vk210-C/V	^b D352*	Yes	10,029	vk210-C/V	0.12 _{D338} → 1.31 _{D352}

M, male; F, female; RFLP, restriction fragment length polymorphism; *cspr*, circumsporozoite repeat; *msp3α*, merozoite surface protein 3α and 3β; ^a day of visit, and in bold, the day that ISD was scheduled (b, after diagnosed with *P. vivax*, T14 was administered; c, continued the ISD treatment); *difficult to register other symptoms; ND, not determined; Mc, microscopy; three patients were detected with an antibody increase only (P22, 0.186_{D315} → 0.57_{D341}, P87, 0.55_{D121} → 1.73_{D149}, P115, 0.12_{D115} → 0.90_{D158}), in whom a parasite was not demonstrated by microscopy or PCR. P44, after T14 treatment had a second recurrent episode on D348 that was positive by microscopy; P59, a recurrent episode by microscopy was detected on D419, recorded by the malaria control programme