

Additional file 7. Interpopulation variance indices of *P. vivax* populations in Thailand inferred from complete gene sequences of 6 loci.

Province, Locus (n)	Tak	Ubon Ratchathani	Chanthaburi	Yala-Narathiwat
<u>Tak</u>				
<i>Pvdbp</i> (n = 71)				
<i>Pvama1</i> (n = 102)				
<i>Pvtrap</i> (n = 30)		<10 ⁻⁵	<10 ⁻⁵	<10 ⁻⁵
<i>Pvmsp7E</i> (n = 31)				
<i>Pvmsp3γ</i> (n = 31)				
<i>Pvmsp9</i> (n = 22)				
<u>Ubon Ratchathani</u>				
<i>Pvdbp</i> (n = 60)	0.0252			
<i>Pvama1</i> (n = 0)	-			
<i>Pvtrap</i> (n = 0)	-		<10 ⁻⁵	<10 ⁻⁵
<i>Pvmsp7E</i> (n = 30)	0.0108			
<i>Pvmsp3γ</i> (n = 32)	0.0087			
<i>Pvmsp9</i> (n = 20)	0.0379			
<u>Chanthaburi</u>				
<i>Pvdbp</i> (n = 68)	0.0532	0.0490		
<i>Pvama1</i> (n = 56)	0.0531	-		
<i>Pvtrap</i> (n = 29)	0.2324	-		
<i>Pvmsp7E</i> (n = 0)	-	-		<10 ⁻⁵
<i>Pvmsp3γ</i> (n = 31)	0.0390	0.0353		
<i>Pvmsp9</i> (n = 20)	0.1063	0.1079		
<u>Yala-Narathiwat</u>				
<i>Pvdbp</i> (n = 55)	0.1642	0.1486	0.2289	
<i>Pvama1</i> (n = 73)	0.2170	-	0.2927	
<i>Pvtrap</i> (n = 30)	0.5001	-	0.3615	
<i>Pvmsp7E</i> (n = 25)	0.2473	0.1944	-	
<i>Pvmsp3γ</i> (n = 24)	0.2093	0.2007	0.2333	
<i>Pvmsp9</i> (n = 22)	0.3795	0.4393	0.5097	

Pairwise F_{ST} values (lower diagonal) and their permuted p values (upper diagonal). Dash indicates no data. The p values are the same and shown as single values for each category. Sources of data: *Pvdbp* (this study), *Pvama1* [1], *Pvtrap* [2], *Pvmsp7E* [3], *Pvmsp3γ* [4] and *Pvmsp9* [5].

References

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