

Supplementary Table 3. Estimates of pairwise  $F_{st}$  (lower diagonal) and p-values (upper diagonal) among populations of *Diatraea saccharalis* and *Diatraea impersonatella*, based on the variation of the mitochondrial COI gene.

	Jaboticabal_Sugarcane	Morrinhos_Corn	Morrinhos_Sugarcane	Piracicaba_Corn	Piracicaba_Sugarcane	Maceio_Sugarcane
Jaboticabal_Sugarcane		0.436	1.000	1.000	1.000	0.000
Morrinhos_Corn	<b>0.05546</b>		1.000	0.448	0.300	0.000
Morrinhos_Sugarcane	<b>-0.33172</b>	<b>-0.31765</b>		1.000	1.000	0.008
Piracicaba_Corn	<b>-0.01366</b>	<b>-0.00878</b>	<b>-0.31555</b>		1.000	0.000
Piracicaba_Sugarcane	<b>-0.02813</b>	<b>0.04</b>	<b>-0.29095</b>	<b>-0.02391</b>		0
Maceio_Sugarcane	<b>0.98657</b>	<b>0.97568</b>	<b>0.96682</b>	<b>0.9829</b>	<b>0.9857</b>	