

**Supplementary Table 5.** Analysis of molecular variance (AMOVA) for the concatenated mitochondrial genes (COI + COII) of *Sitophilus oryzae*.

AMOVA	d.f.	Sum of square	Variance component	Total Variance (%)	<i>P</i> valor*
Among group	2	13.92	0.18	13.78	<0.001
Within group	96	110.72	1.15	86.22	
Total	98	124.64	1.33		

\*Significance test is based on 1023 permutations.