



Figure S3: Modified salting out DNA extraction protocol (based on Sunnucks & Hales 1996). In step C digestion solution from S, M and L were used in the right proportion to create the sorted (So) and unsorted (Un) samples.

Reference: Sunnucks & Hales (1996). Numerous transposed sequences of mitochondrial cytochrome oxidase I-II in aphids of the genus *Sitobion* (Hemiptera: Aphididae). *Molecular biology and evolution* 13:510–524.

TNES buffer (Tris, NaCl, EDTA, SDS):
 50 mM Tris, pH 7.5
 400 mM NaCl
 20 mM EDTA
 0.5 % SDS

min TE buffer (pH 8)
 10 mM Tris Base
 0.1 mM EDTA