

Additional file 2.

Sequence alignment of mtDNA *control region* amplicons generated with the primer set HRM_Rod [11]. IRH control samples sequence; IRQ questing nymphs sequence. Sequences 1-13: *Apodemus* spp.; 9 -13 *Apodemus* spp. amplicons (as resulting from BLASTn search) with deletions and mutations resulting in a deviating melting pattern leading to misidentification by HRMA as *M. glareolus*; 14-15: *M. glareolus* amplicons. Reported are also melting temperature, in bold refer to QIAgen extracted samples, while normal to ThermoScientific extracted samples.

