



**Supplementary Figure 2** Partial amplification of the *mip* gene of non-*Legionella pneumophila* species using a pair of *Lmip* primers. Electrophoresis in 2% agarose gels with ethidium bromide staining (0.5  $\mu\text{g}/\text{mL}$ ). **(A)** Limit of detection of DNA *L. feeleii* (ng). **(B)** Detection of DNA *L. feeleii* (line 1) and *L. micdadei* (line 2). **(C)** Detection of DNA *L. feeleii* (line 3), *L. longbeachae* (line 4) and *L. dumoffii* (line 5). M, DNA molecular weight marker (100-bp ladder). *L. feeleii* was isolated from environmental sample by Magnet et al., 2015. *L. micdadei*: ATCC33218. *L. longbeachae*: ATCC33462. *L. dumoffii*: ATCC33279.