Supplementary Material

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A new assay for the simultaneous identification and differentiation of *Klebsiella oxytoca* strains

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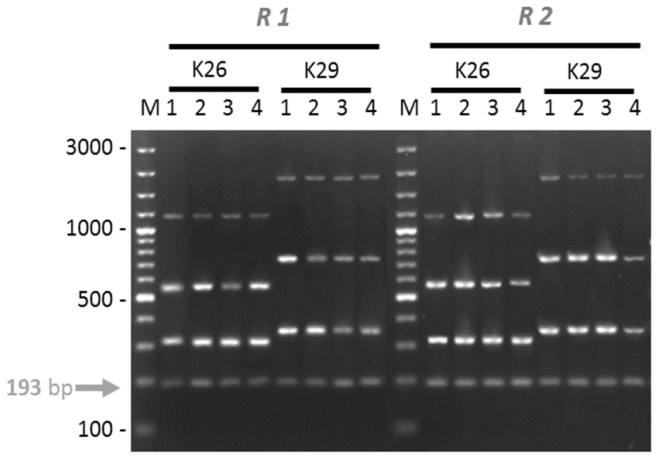

Fig. S1. Results of the reproducibility test. R1, R2 - researchers in two independent experiments; K26 and K29 – *K. oxytoca* tested strains; 1, 2 - the result of PCR with *Taq* polymerase, Fermentas UAB, Vilnius, Lithuania and with *Taq* polymerase, BLIRT SA, Gdańsk, POLAND respectively and Eppendorf MasterCycler EP gradient thermocycler; 3, 4 – the result of PCR with *Taq* polymerase, Fermentas UAB, Vilnius, Lithuania and with *Taq* polymerase, BLIRT SA, Gdańsk, POLAND respectively and Biometra Tgradient thermocycler; M – DNA ladder (100 – 3000 bp).

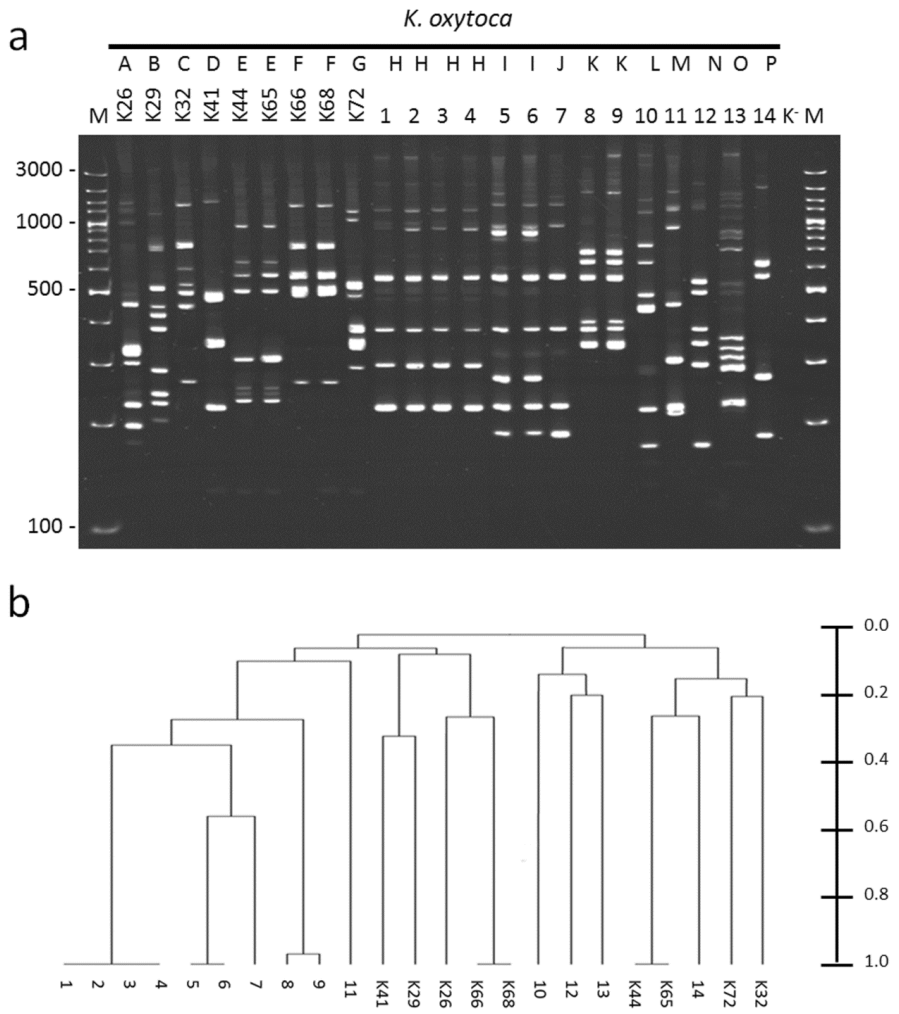

Fig. S2 (a) Representative typing results for *K. oxytoca* strains by PCR MP method, (b) dendrogram of PCR MP constructed under Dice band-based coefficient of similarity and the Unweighted Pair Group Method with Arithmetic Mean (UPGMA). K26- K72 reference strains of *K. oxytoca* from Ørskov collection, 1-14 – clonally related and unrelated *K. oxytoca* strains, A-P – genotypes , Kp1 - *K. pneumoniae*. K- negative control of PCR (without DNA), M – DNA ladder (100 – 3000 bp).