Supplementary Material

# Molecular Studies on Some Virulent and Multi-Drug Resistant Cattle Klebsiella Strains and their Heamatobiochemical Impacts

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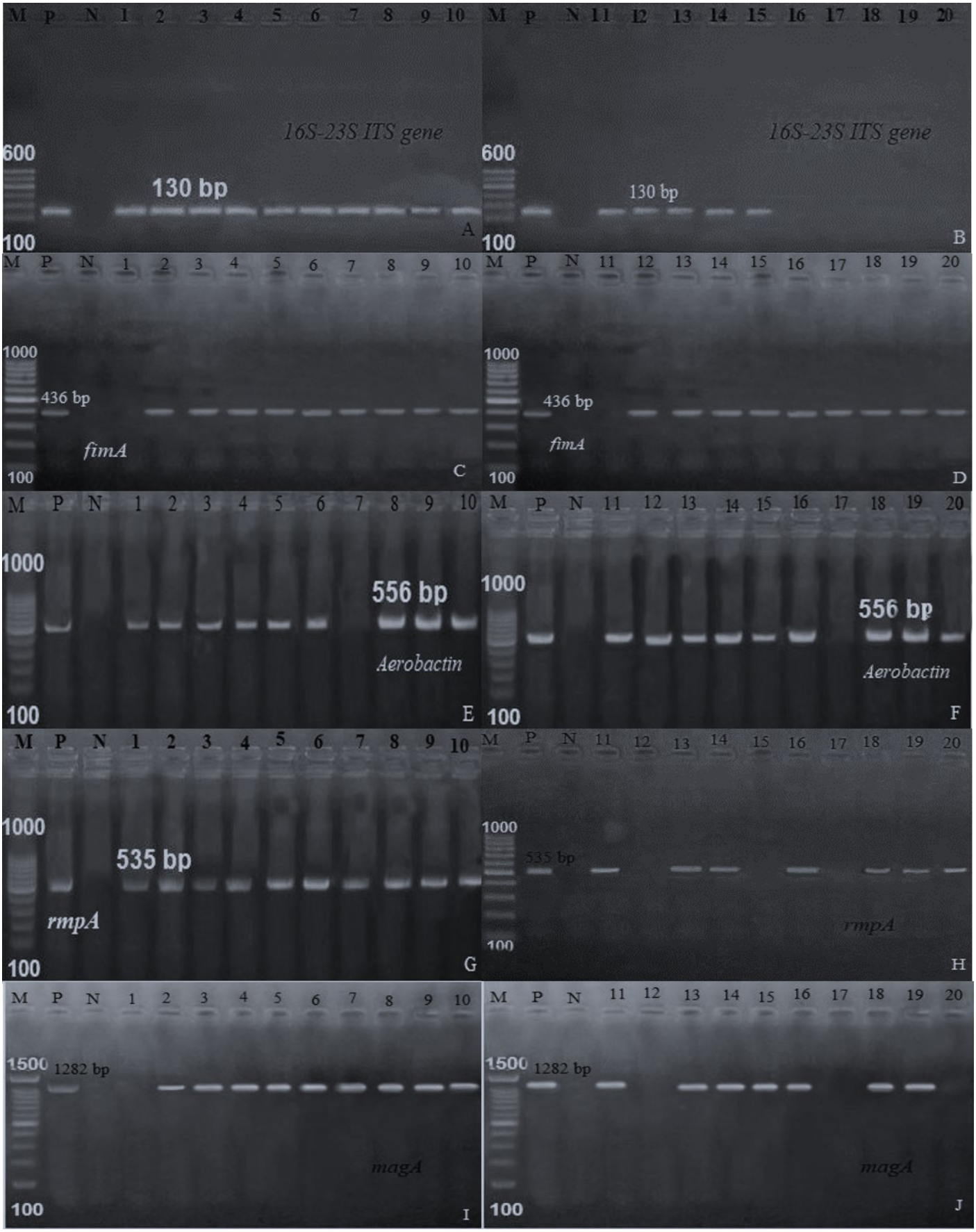
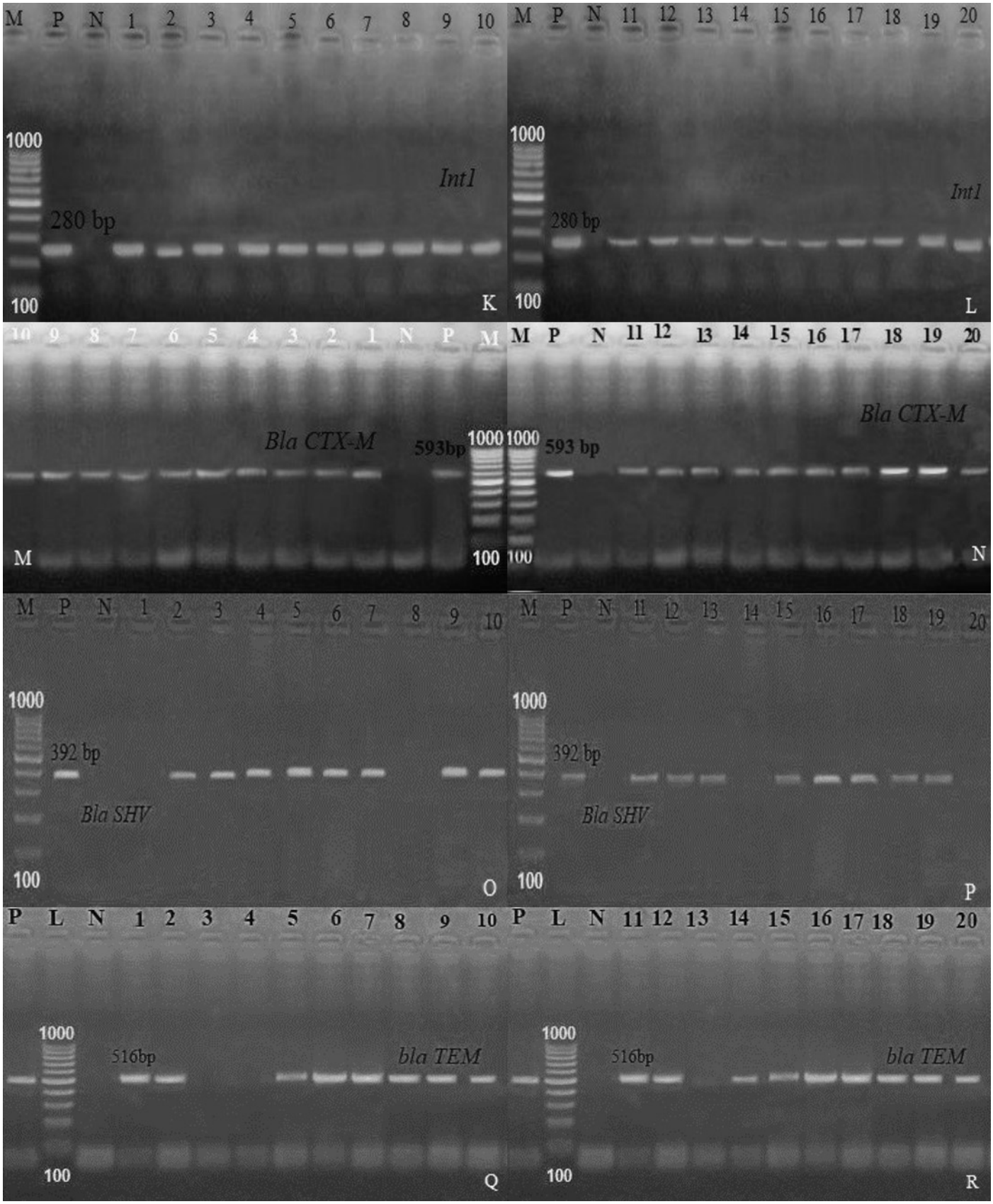



**Supplementary Figure 1:** This figure shows PCR amplification of species-specific K. *pneumoniae*16S-23S ITS genes (A,B), virulence genes: *fimA* (C,D), *aerobactin* (E,F), rmpA (G,H) and magA (I,J). Lane M: 100 bp molecular weight marker, Lanes 1-15: K. *pneumoniae* isolates, Lanes 16-18: K. *Rhinoscleromatis* and Lanes 18-20: K. *Ozaenae*. Lane P: positive control, Lane N: negative control.




**Supplementary Figure 2:** This figure shows PCR amplification of class 1 integron gene *Int1* (K,L) and ESBL resistant genes; $bla_{CTX-M}$ (M,N), $bla_{SHV}$ (O,P) and $bla_{TEM}$ (Q,R). Lane M: 100 bp molecular weight marker, Lanes 1-15: K. *pneumoniae* isolates, Lanes 16-18: K. *Rhinoscleromatis* and Lanes 18-20: K. *Ozaenae*. Lane P: positive control, Lane N: negative control.