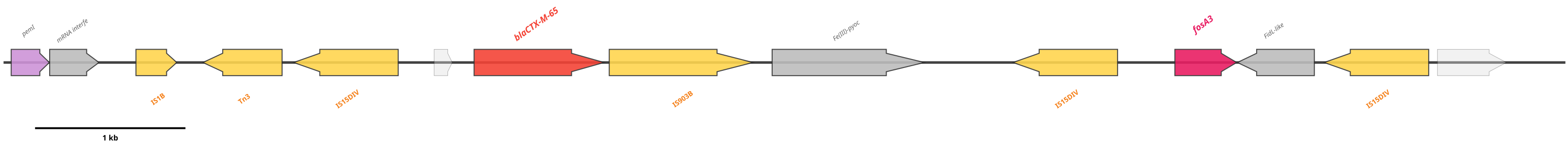


Genetic Environment of AMR Gene Cassettes in ST11 K. pneumoniae (KP21915)
Mobile Genetic Elements Surrounding Key Resistance Determinants

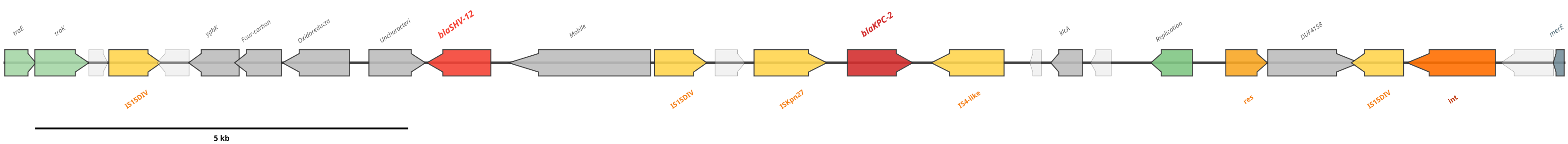
A

KPC Plasmid — Cassette 1: blaCTX-M-65 + fosA3 region



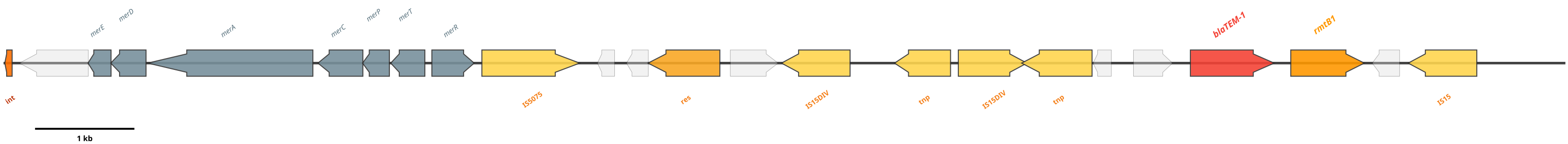
B

KPC Plasmid — Cassette 2: blaSHV-12 + blaKPC-2 + Integrase region



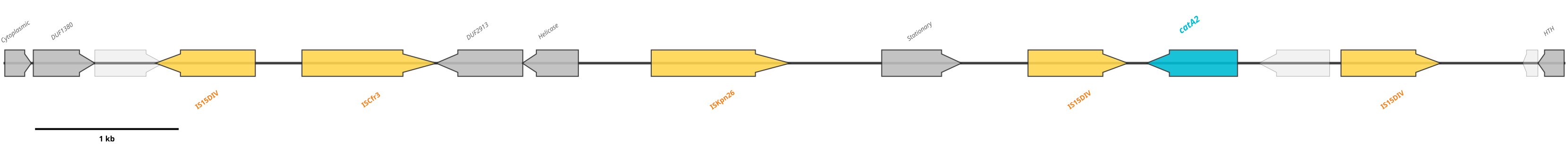
C

KPC Plasmid — Cassette 3: Mercury resistance + blaTEM-1 + rmtB1 region



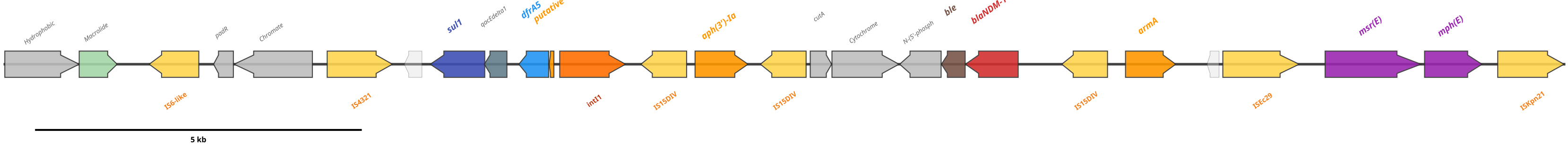
D

KPC Plasmid — Cassette 4: catA2 region



E

NDM Plasmid — Cassette 5: Class 1 integron + blaNDM-1 + arma + msr(E)/mph(E) region



F

NDM Plasmid — Cassette 6: qnrS1 + aph(3')-VI + sul2 region

