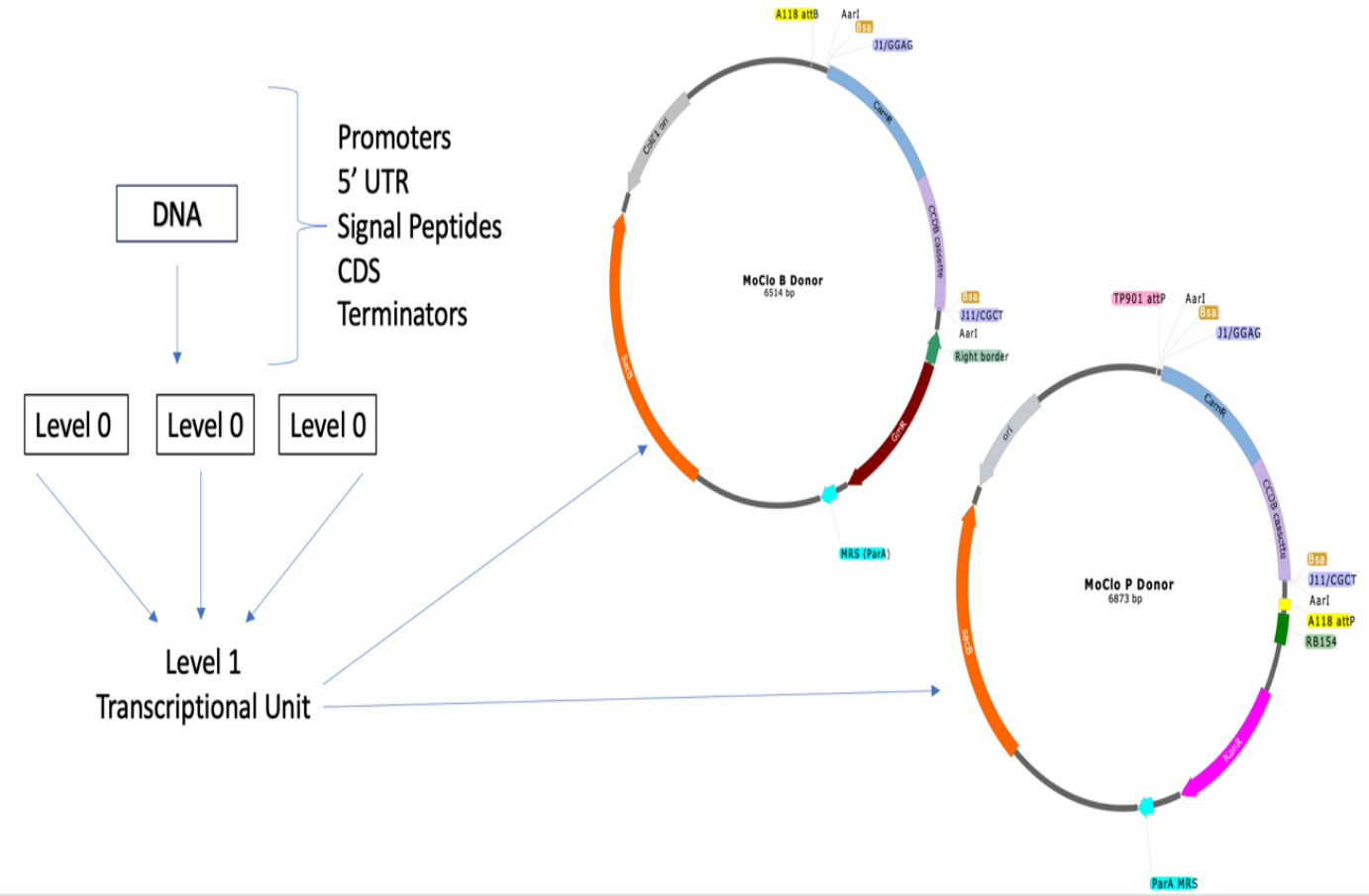


Supplementary Figure S7. Modular Cloning (MoClo)-Compatible GA*A*NTRY Donor Vectors (B and P). Schematic representation of modified GA*A*NTRY donor plasmids engineered for compatibility with Golden Gate assembly using the MoClo and Joint Modular Cloning (JMC) toolkits. The vectors incorporate BsaI Type IIS restriction sites flanking a chloramphenicol resistance cassette and the lethal ccdB gene, enabling negative selection against non-recombinant clones. Custom DNA fragments can be inserted with defined 4-bp overhangs to support standardized, high-efficiency modular cloning workflows.