



Fig. 1: cloning steps to generate the amino-terminal backbone fully flexible pTcGW 1.1 vector. Arrows indicate the restrictions sites flanking each element of the vectors. A: the plasmid pTc6HN from 1.0 version was used as backbone; B: the first *XhoI* restriction site flanking the resistance marker was replaced by one *AgeI* site through two cloning steps; C: the amino-terminal plasmid pTc6HisP-NH 1.1 was generated; D: the backbone pTc6HisP-NH 1.1 was subsequently used for the construction of all N-terminal 1.1 vectors; att: attachment; attR1 and attR2: attachment sites required for Gateway[®] recombination; ccdB: gene for negative selection; CM[®]: chloramphenicol selectable marker; RP: ribosomal promoter; TcUIR: *Trypanosoma cruzi* ubiquitin intergenic region.