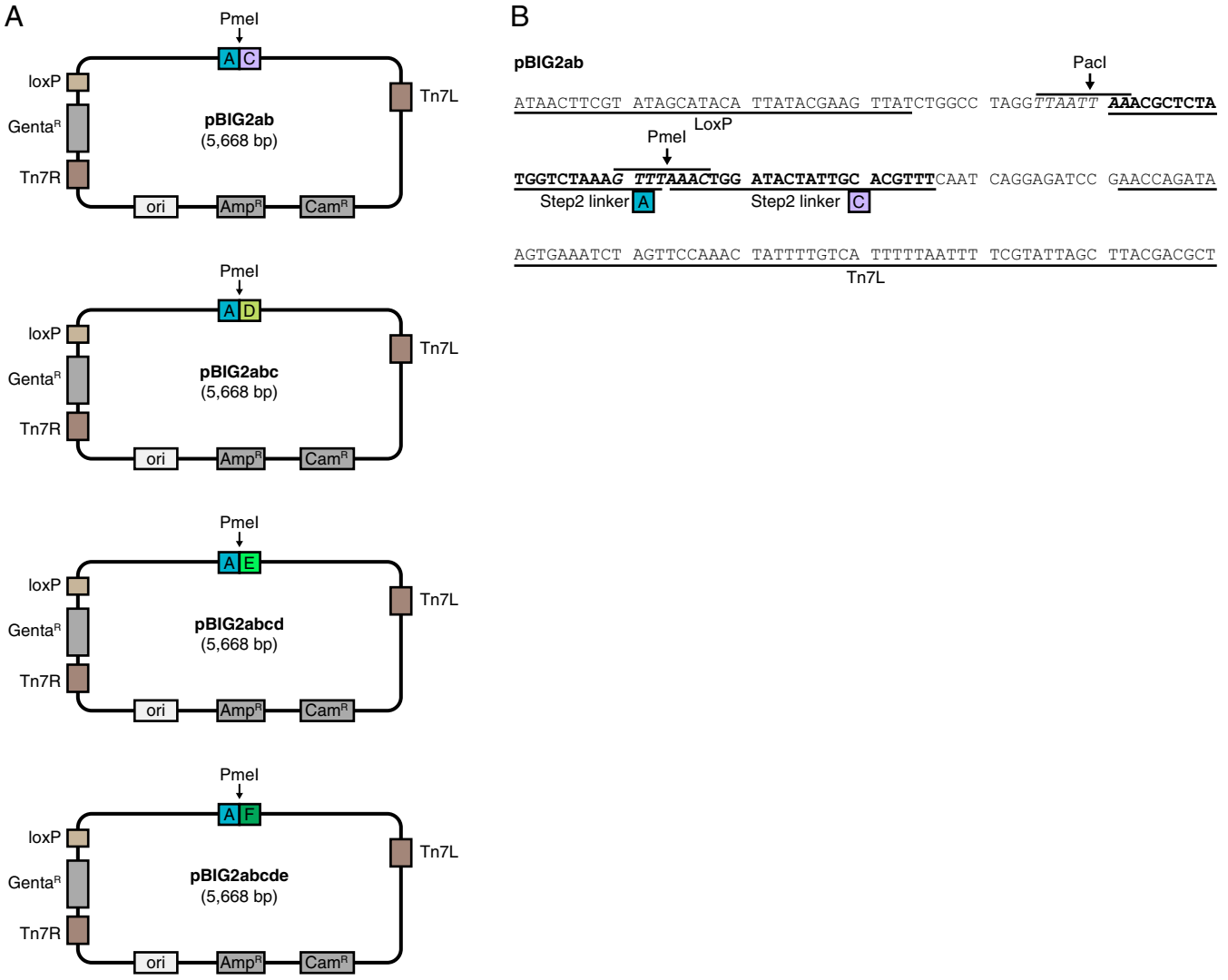

Fig. S4. pBIG2 vectors. (*A*) Schematic representation of pBIG2 vectors. pBIG2 vectors are maintained with Chloramphenicol (Cam^R resistance gene) or Ampicillin (Amp^R resistance gene). For the selection in the second assembly step, Chloramphenicol is used. Stocks of linearized pBIG2 cloning vectors are generated by PmeI digestion. This results in linear vector backbone with linker sequences on both ends. The four pBIG2 vectors contain linker sequence A on one end and differ only in the linker sequence on the other side (C, D, E, or F as indicated). All biGBac vectors (pLIB, pBIG1, pBIG2) contain Tn7 elements (Tn7L, Tn7R) and a Gentamicin resistance gene (GentaR) for generation of baculoviruses and a LoxP site for compatibility with Multibac donor plasmids. (*B*) DNA sequence of pBIG2ab shown from the LoxP site to Tn7L element. The positions of linker sequences A and C and the restriction sites PmeI and PacI are shown.