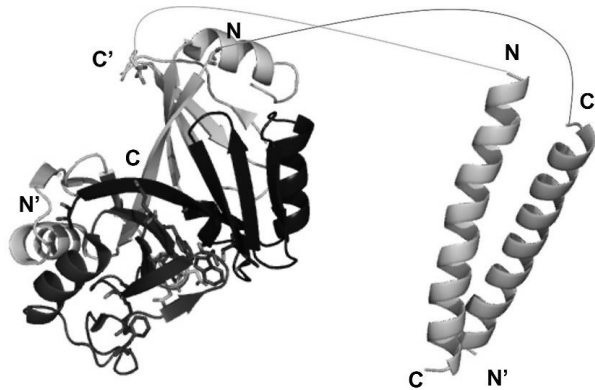




PDB >2ZHP_1|Chains A, B|Bleomycin resistance protein|Streptoalloteichus hindustanus (2017)
 MAKLTSAVPVLTARDVAGAVEFWTDRLGFSRDFVEDDFAGVVRDDVTLFISAVQDQVVPDNTLA
 WWWVRGLDELYAEWSEVVSTNFRDASGPAMTEIGEQPWGREFALRDPAGNCVHFVAEEQD

FIG. 1



NZ-61 (SEQ ID NO 2):

MAKLTSAVPVLTARDVAGAVEFWTDRLGFSRDFVEDDFAGVVRDDVTLFISAV
 QDQVVPDNGSGGALKKELQANKKELAQLKWELQALKKELAQ

CZ-62 (SEQ ID NO 3)

MEQLEKKLQALEKKLAQLEWKNQALEKKLAQSGGTLAWVWVRGLDELYA
 EWSEVVSTNFRDASGPAMTEIGEQPWGREFALRDPAGNCVHFVAEEQD

NZ-G18E,D32V-61 (SEQ ID NO 4):

MAKLTSAVPVLTARDVAEAVEFWTDRLGFSRVFVEDDFAGVVRDDVTLFISAVQ
 DQVVPDNGSGGALKKELQANKKELAQLKWELQALKKELAQ

CZ-L63Q,G98V-62 (SEQ ID NO 5):

MEQLEKKLQALEKKLAQLEWKNQALEKKLAQSGGTQAWVWVRGLDELYA
 EWSEVVSTNFRDASGPAMTEIVEQPWGREFALRDPAGNCVHFVAEEQD

FIG. 2

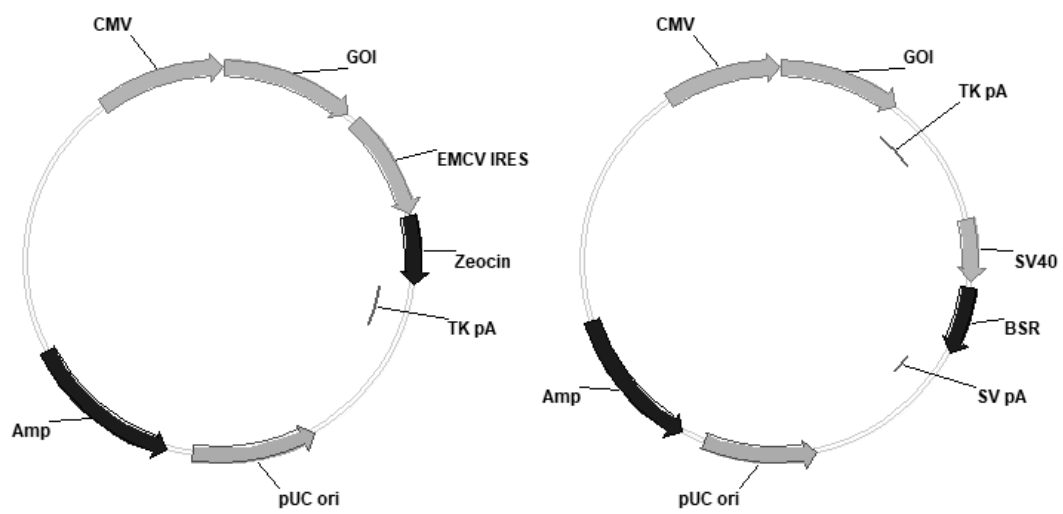


FIG. 3

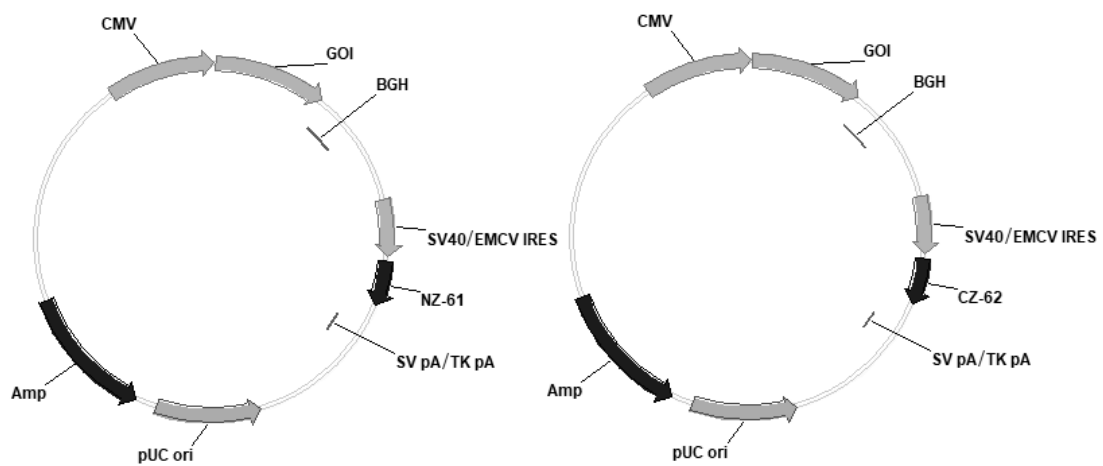


FIG. 4

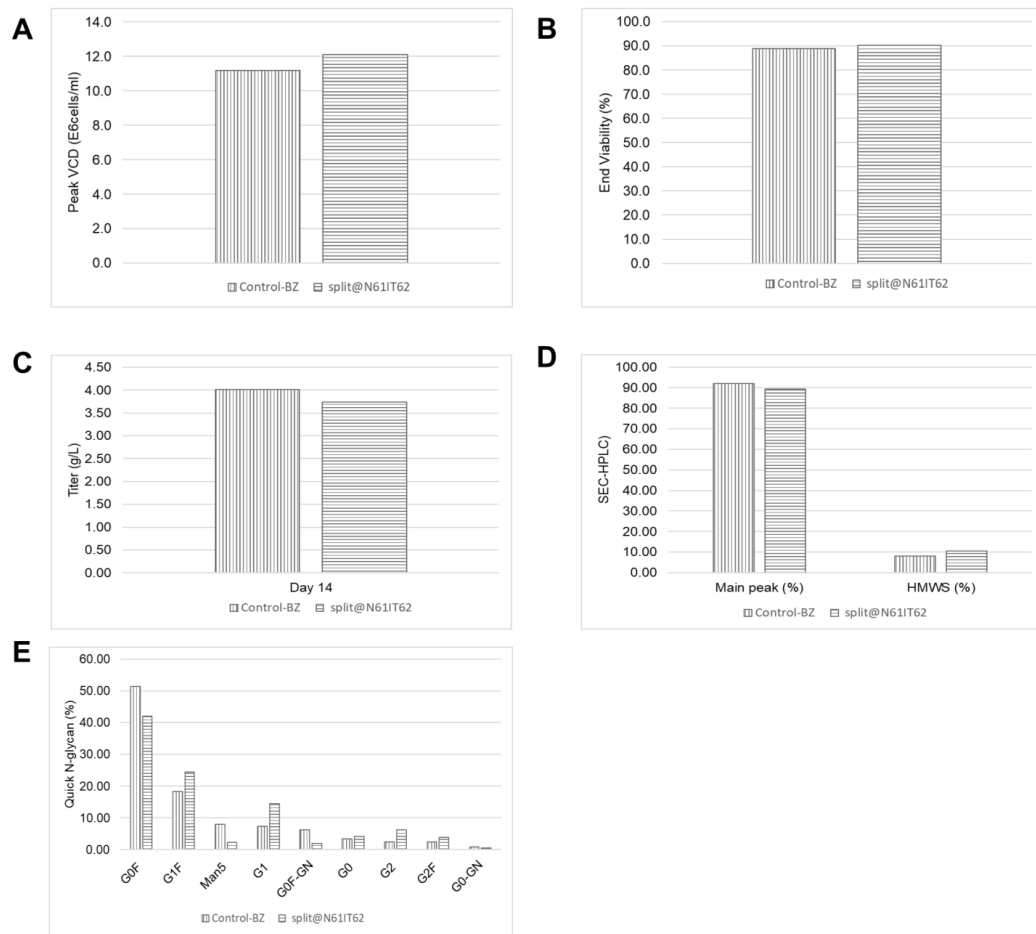
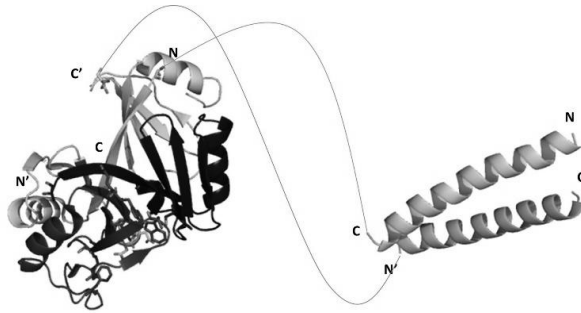


FIG. 5



NZ-62 (SEQ ID NO 6):

MEQLEKKLQALEKKLAQLEWKNQALEKKLAQGGGGGSAKLTSAVPVLTARDVAGAV
EFWTDRLGFSRDFVEDDFAGVVRDDVTLFISAVQDQVVPDNT

CZ-63 (SEQ ID NO 7):

MLAWVWVRGLDELYAEWSEVVSTNFRDASGPAMTEIGECPWGREFALRDPAGNCVH
FVAEGGGGGG**ALKKELQANKKELAQLKWELQALKKELAQ**

NZ-G18E,D32V-62 (SEQ ID NO 8):

MEQLEKKLQALEKKLAQLEWKNQALEKKLAQGGGGGSAKLTSAVPVLTARDVAEAV
EFWTDRLGFSRVFVEDDFAGVVRDDVTLFISAVQDQVVPDNT

CZ-L63Q,G98V-63 (SEQ ID NO 9):

MQAWVWVRGLDELYAEWSEVVSTNFRDASGPAMTEIVECPWGREFALRDPAGNCVH
FVAEGGGGGG**ALKKELQANKKELAQLKWELQALKKELAQ**

FIG. 6

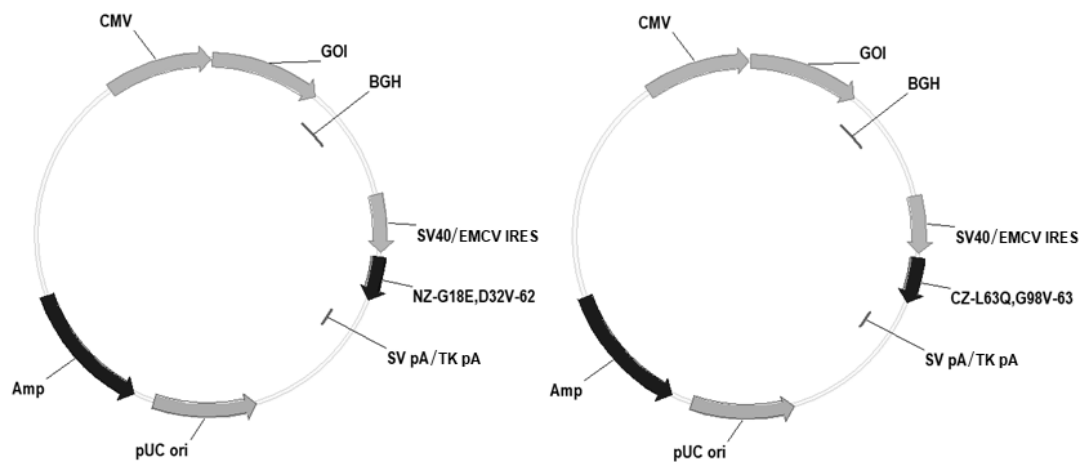


FIG. 7

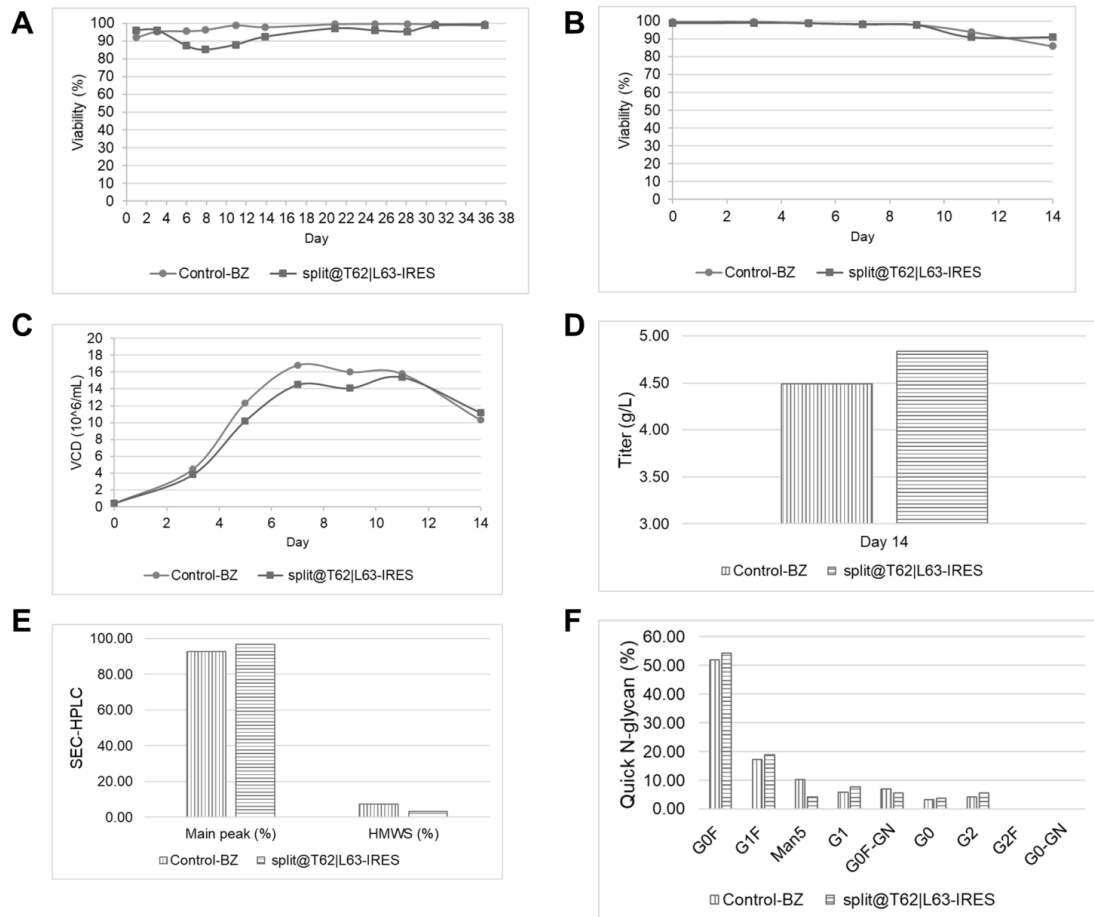


FIG. 8

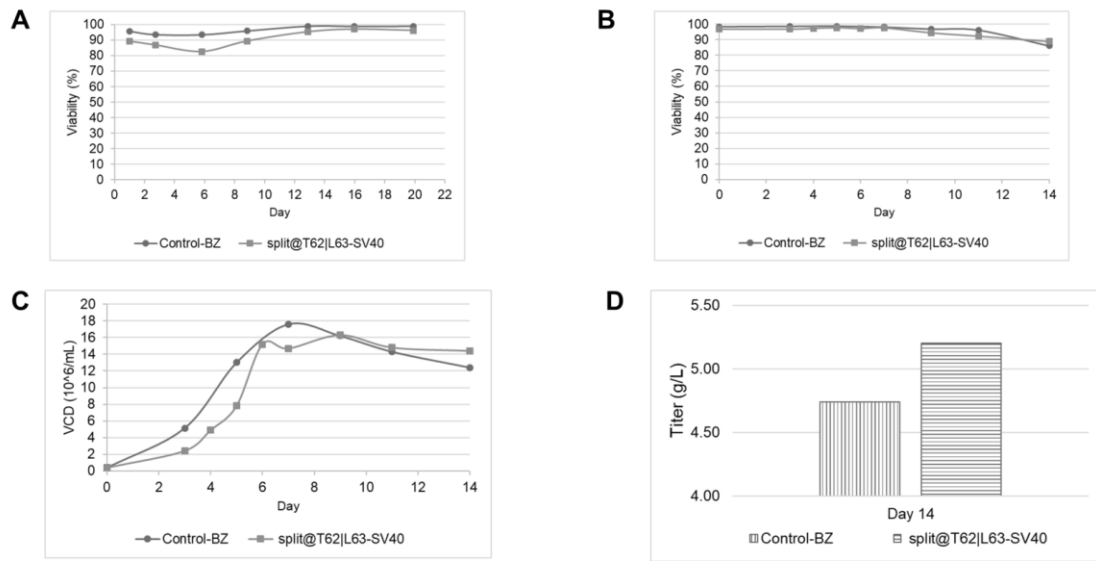


FIG. 9

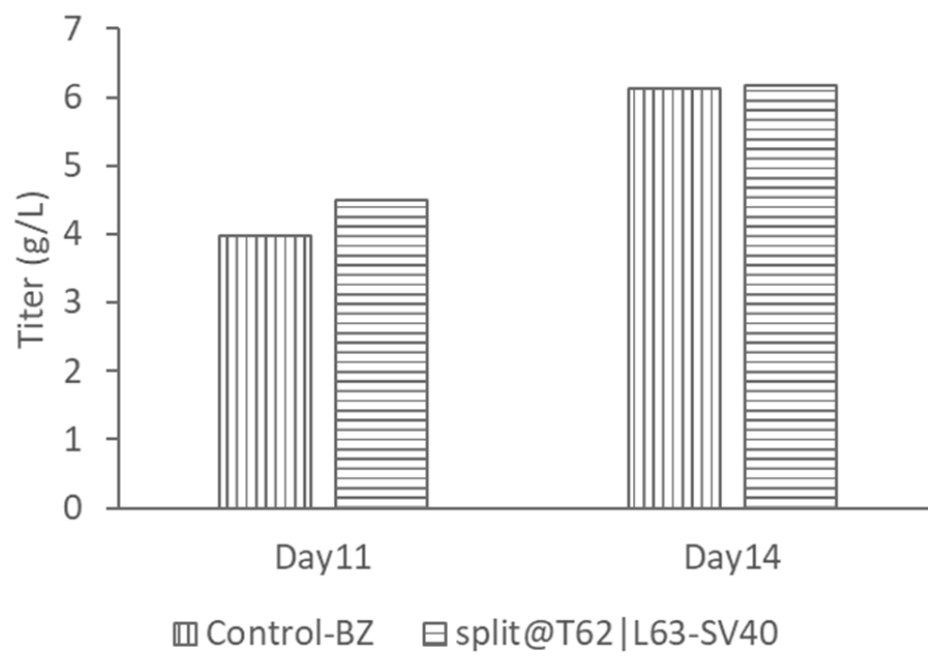


FIG. 10