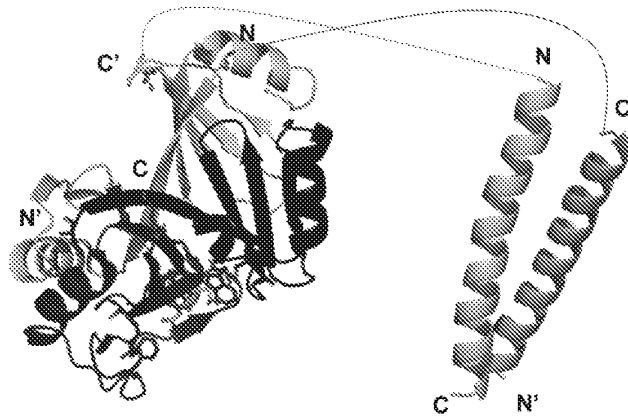




PDB>2ZHP_1| 链 A, B| 博来霉素抗性蛋白 | 印度异壁链霉菌 (2017)

MAKLTSAPVPLTARDVAGAVEFWTDRLGFSRDFVEDDFAGVWRDDVTLFISAVQDQVVPONTLA
WWWVRGLDELYAEWSEVVSTNFRDASGPAMTEIGEOPWGREFALRDPAGNCVHFVAEEQD

图 1



NZ-61 (SEQ ID NO 2):

MAKLTSAPVPLTARDVAGAVEFWTDRLGFSRDFVEDDFAGVVRDDVTLFISAV
QDQVVPDNGSGGALKKELQANKKELAQLKWELQALKKELAQ

CZ-62 (SEQ ID NO 3)

MEQLEKKLQALEKKLAQLEWKNQALEKKLAQGSGGTLAWVWVRGLDELYA
EWSEVVSTNFRDASGPAMTEIGEQPWGREFALRDPAGNCVHFVAEEQD

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

MAKLTSAPVPLTARDVAEAVEFWTDRLGFSRVFVEDDFAGVVRDDVTLFISAVQ
DQVVPDNGSGGALKKELQANKKELAQLKWELQALKKELAQ

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

MEQLEKKLQALEKKLAQLEWKNQALEKKLAQGSGGTQAWVWVRGLDELYA
EWSEVVSTNFRDASGPAMTEIVEQPWGREFALRDPAGNCVHFVAEEQD

图 2

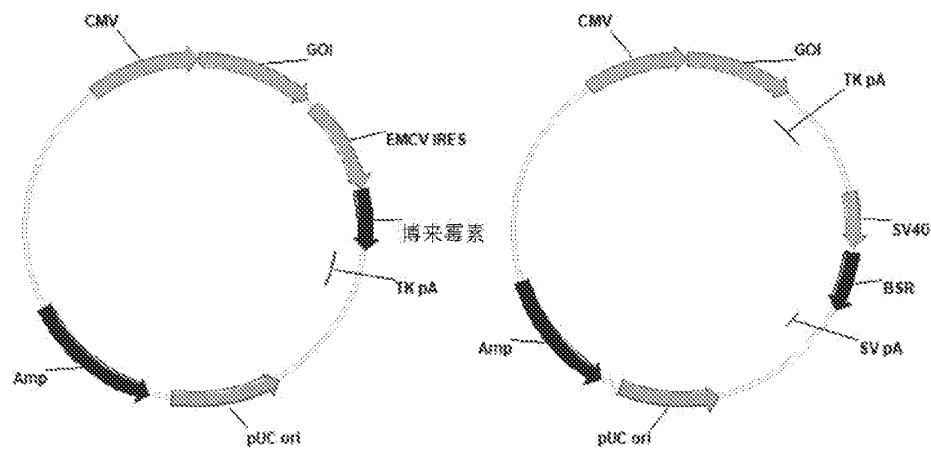


图 3

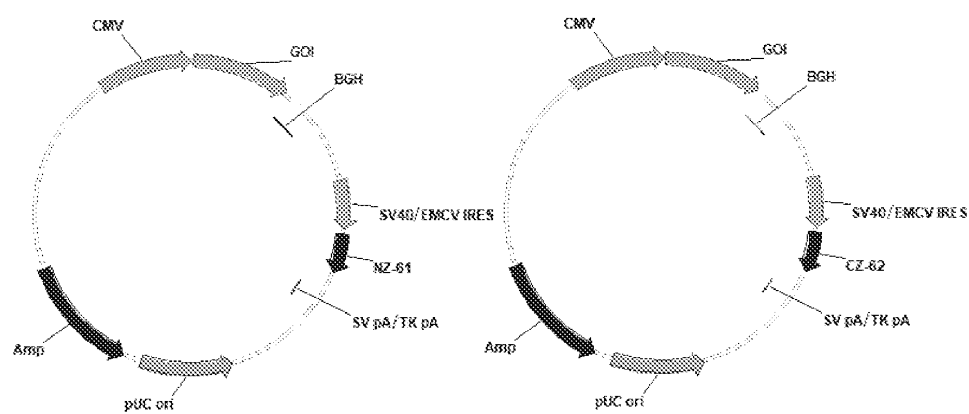


图 4

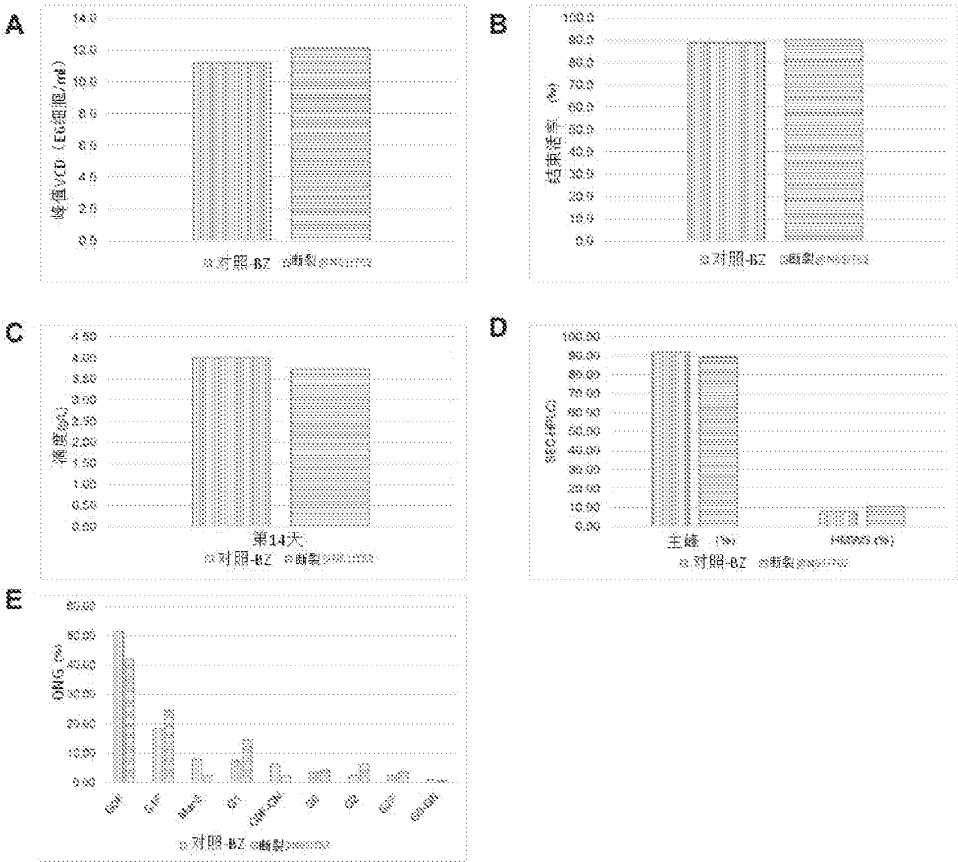
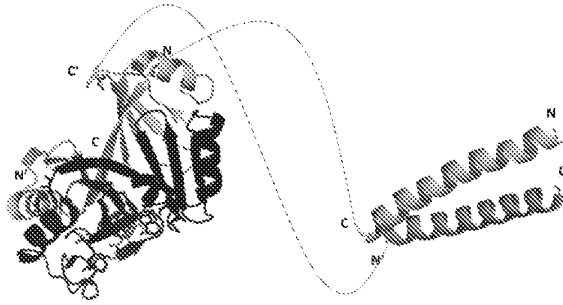


图 5



NZ-62 (SEQ ID NO 6):

MEQLEKKLQALEKKLAQLEWKNQALEKKLAQGGGGGSAKLTSAPVLTARDVAGAV
EFWTDRLGFSRDFVEDDFAGVVRDDVTLFISAVQDQVVPDNT

CZ-63 (SEQ ID NO 7):

MLAWVWVRGLDELYAEWSEVVSTNFRDASGPAMTEIGEQPWGREFALRDPAGNCVH
FVAEGGGGGGALKKELQANKKELAQLKWELQALKKELAQ

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

MEQLEKKLQALEKKLAQLEWKNQALEKKLAQGGGGGSAKLTSAPVLTARDVAEAV
EFWTDRLGFSRVFVEDDFAGVVRDDVTLFISAVQDQVVPDNT

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

MQAWVWVRGLDELYAEWSEVVSTNFRDASGPAMTEIVEQPWGREFALRDPAGNCVH
FVAEGGGGGGALKKELQANKKELAQLKWELQALKKELAQ

图 6

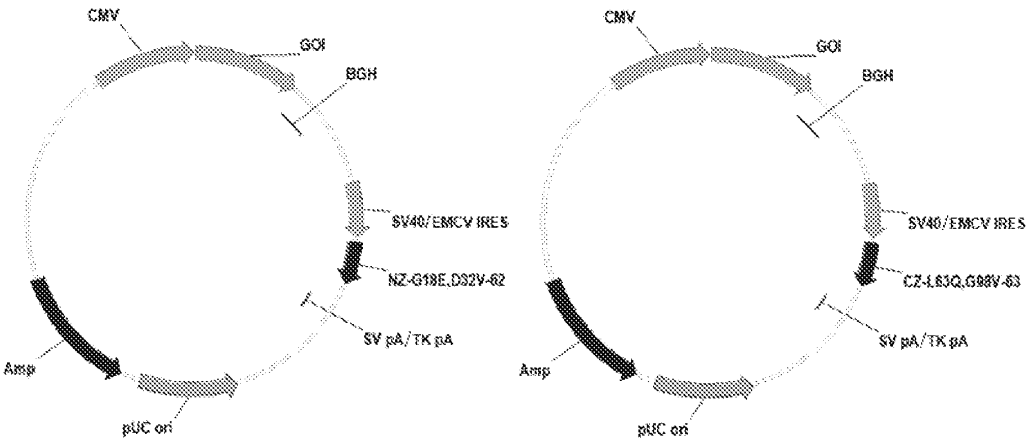


图 7

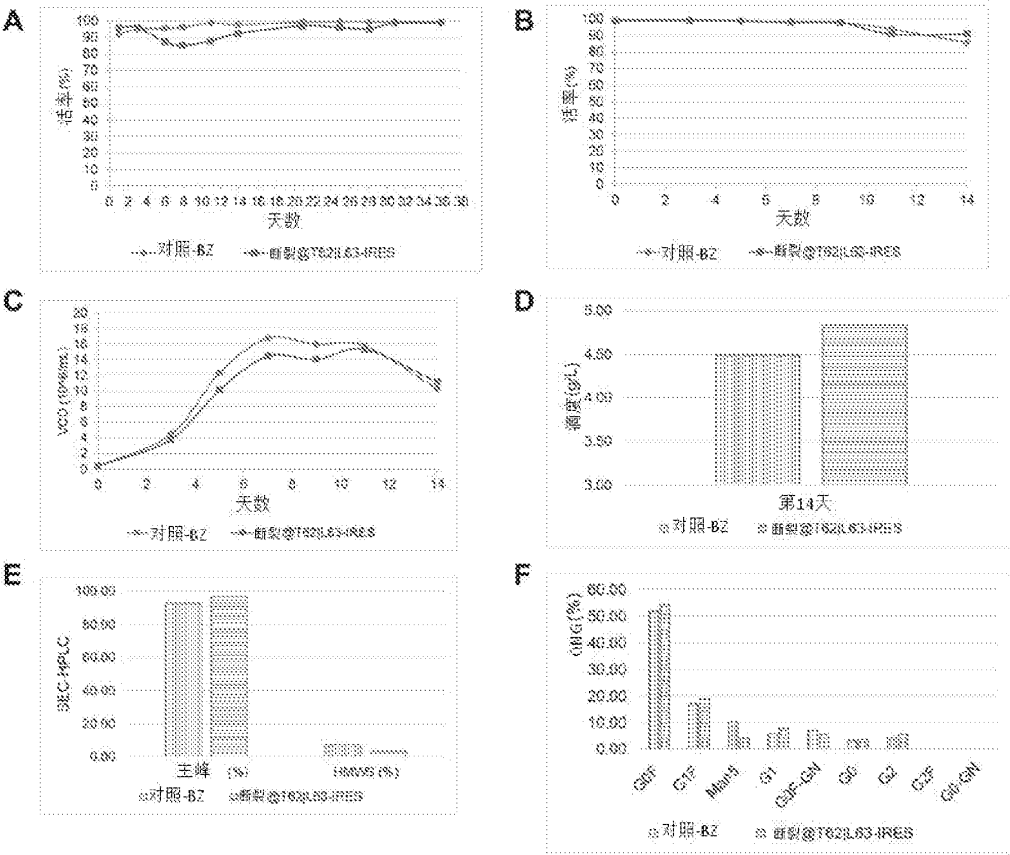


图 8

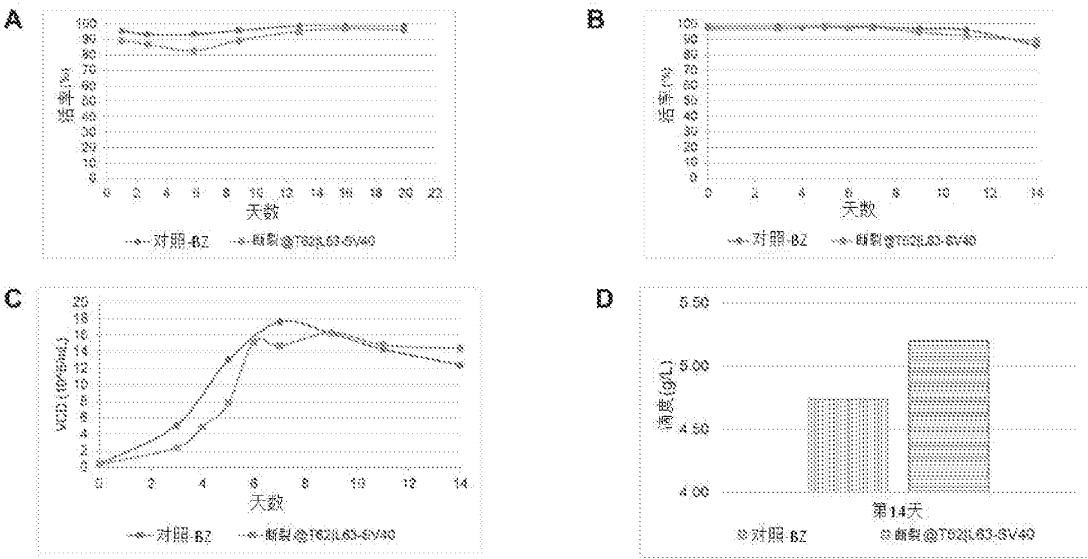


图 9

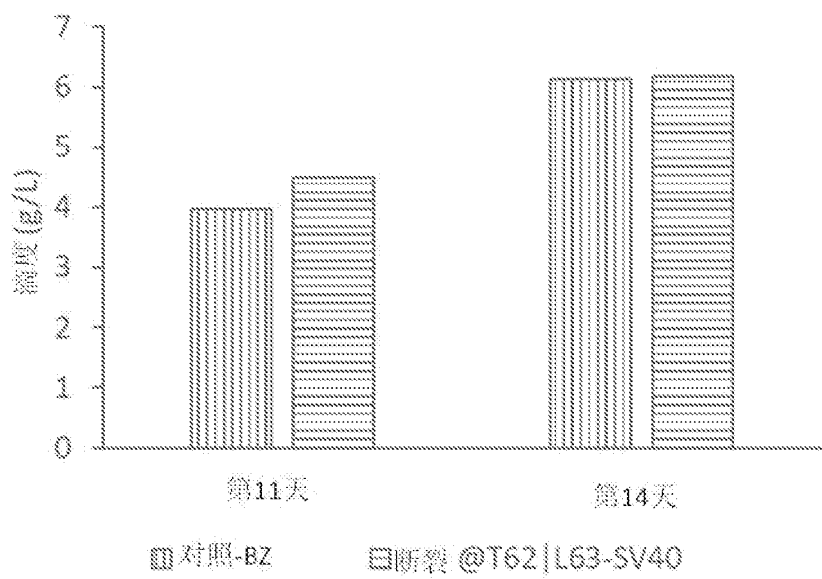


图 10