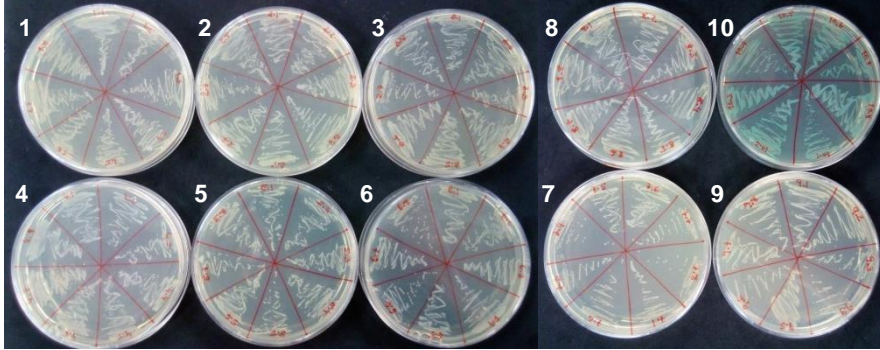
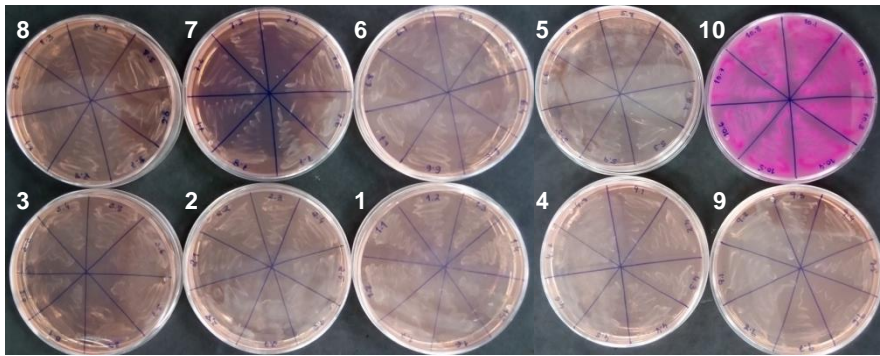


**A** Luria-Bertani media supplemented with: 100µg/ml ampicillin, 50µg/ml kanamycin, 0,5mM IPTG and 40µg/ml X-gal



Plates after 24h at 30°C

**B** MacConkey media supplemented with: 1% Maltose, 100µg/ml ampicillin, 50µg/ml kanamycin and 0,5mM IPTG



Plates after 24h at 30°C

**C**

Plate number	Plasmids present in BTH101 E. coli	Testing
1	<i>pKNT25+HD1</i> and <i>pUT18+HD2</i>	heterodimerization
2	<i>pKNT25+HD2</i> and <i>pUT18+HD1</i>	heterodimerization
3	<i>pKNT25+HD1</i> and <i>pUT18+HD1</i>	homodimerization
4	<i>pKNT25+HD2</i> and <i>pUT18+HD2</i>	homodimerization
5	<i>pKNT25</i> and <i>pUT18</i>	negative control
6	<i>pKNT25+HD1</i> and <i>pUT18</i>	negative control
7	<i>pKNT25+HD2</i> and <i>pUT18</i>	negative control
8	<i>pKNT25</i> and <i>pUT18+HD1</i>	negative control
9	<i>pKNT25</i> and <i>pUT18+HD2</i>	negative control
10	<i>pKNT25-zip</i> and <i>pUT18C-zip</i>	positive control