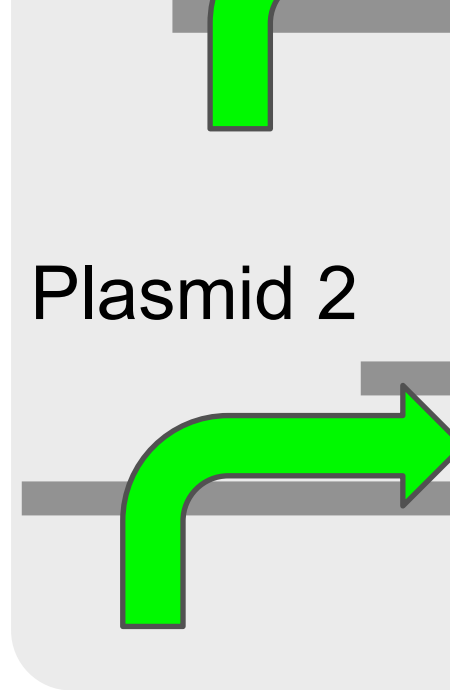


system utilising components of the constitutive promoter allows constant expression of a Hg-binding metallothionein. A porin is located on the inner membrane. Hg enters the cell by metallothioneins. Hg binds to the porin and hence aggregation of cells.



# parts

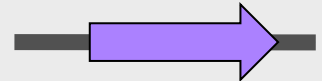
g(II) across the bacterial inner membrane from the environment.

binding protein, transferring

ment.

*BBa\_K205000*

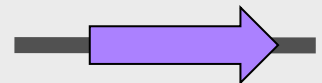
**Name:** GroEL



**Function:** In conjunction with GroES for the prevention of polypeptide misfolding.

*BBa\_K205001*

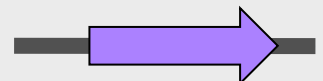
**Name:** GroES



**Function:** In conjunction with GroEL, for the prevention of polypeptide misfolding.

*BBa\_K205002*

**Name:** DnaK



**Function:** In conjunction with DnaJ and GrpE for protein folding and is the prokaryotic homolog of Hsc70.

*BBa\_K205003*

**Name:** DnaJ and GrpE

