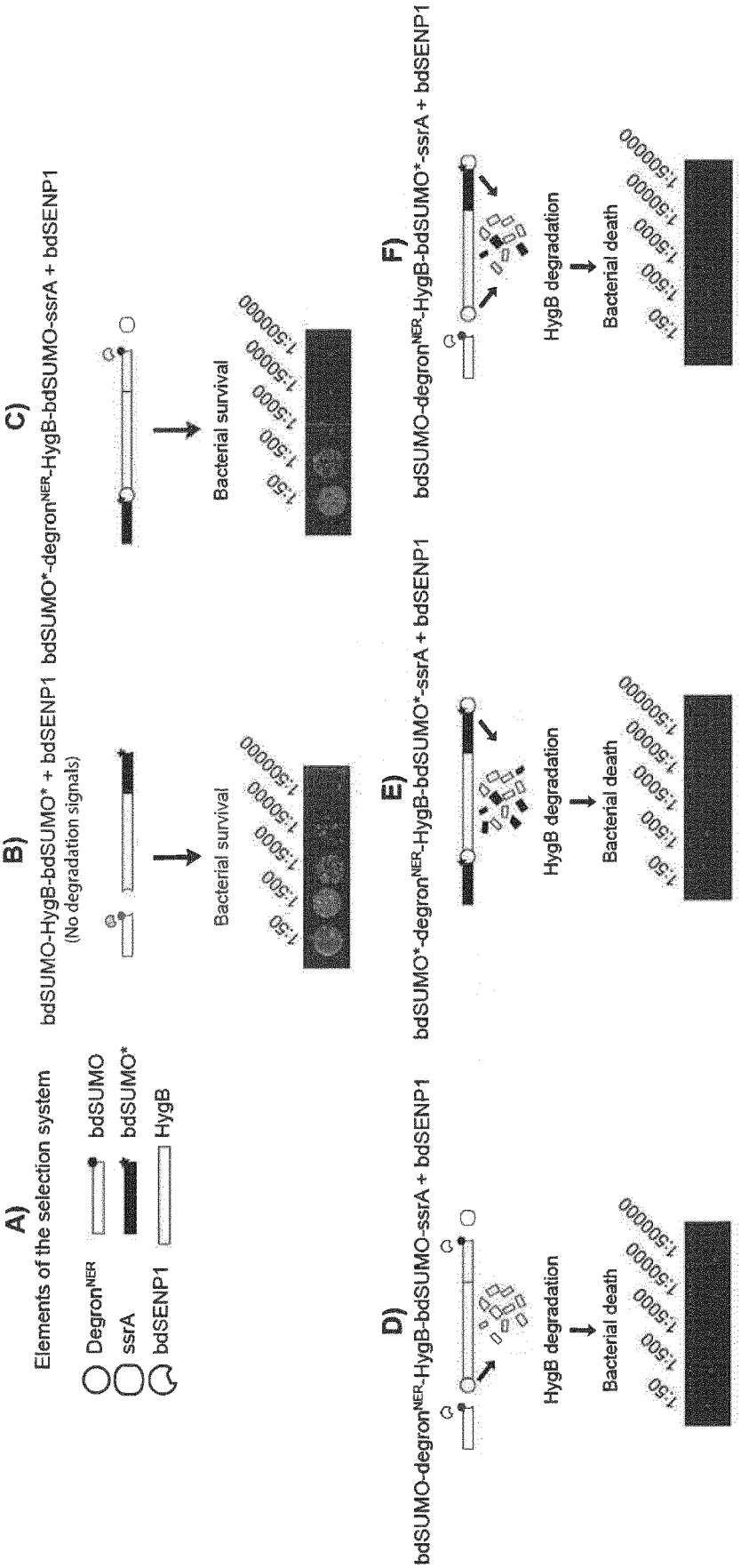
Figure 2


A)
Elements of the selection system
Degron^{NER}
ssrA
bdSENP1
bdSUMO
bdSUMO*
HygB
B)
bdSUMO-HygB-bdSUMO* + bdSENP1
(No degradation signals)
Bacterial survival
1:50
1:500
1:5000
1:50000
C)
bdSUMO*-degron^{NER}-HygB-bdSUMO-ssrA + bdSENP1
Bacterial survival
1:50
1:500
1:5000
1:50000
D)
bdSUMO-degron^{NER}-HygB-bdSUMO-ssrA + bdSENP1
HygB degradation
Bacterial death
1:50
1:500
1:5000
1:50000
E)
bdSUMO*-degron^{NER}-HygB-bdSUMO*-ssrA + bdSENP1
HygB degradation
Bacterial death
1:50
1:500
1:5000
1:50000
F)
bdSUMO-degron^{NER}-HygB-bdSUMO*-ssrA + bdSENP1
HygB degradation
Bacterial death
1:50
1:500
1:5000
1:50000