**Supplementary Table 1. Plasmids used in this work.**

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| --- | --- | --- |
| **Name** | **Description** | **Source/reference** |
| pIA226 | λPR promoter | [[1](#_ENREF_1)] |
| pIA536 | *rrnB* P1 promoter | [[2](#_ENREF_2)] |
| pIA579 | PT7 promoter–CBD–HMK–*dksA* | [[3](#_ENREF_3)] |
| pIA840 | PT7 promoter–CBD–*dksA*[N88I] | [[4](#_ENREF_4)] |
| pIA884 | PT7 promoter–His10–TEV–*rfaH* | [[5](#_ENREF_5)] |
| pIA1047 | PT7 promoter–CBD–*dksA*[A35C] | [[4](#_ENREF_4)] |
| pIA1095 | PBAD promoter control | This work |
| pIA1096 | PBAD promoter–*dksA* | This work |
| pIA1119 | PT7 promoter–His6–TEV–*dksA*[N88D] | This work |
| pIA1146 | PT7 promoter–CBD–*dksA*[H39A] | This work |
| pIA1150 | PT7 promoter–CBD–*dksA*[H61A] | This work |
| pIA1152 | PT7 promoter–CBD–*dksA*[Δ1-18] | [[4](#_ENREF_4)] |
| pIA1187 | PT7 promoter–CBD–HMK–*dksA*[H39A] | This work |
| pIA1192 | PBAD promoter–*dksA*[H39A] | This work |
| pRF2 | PT7 promoter–His6–TEV–*dksA* | This work |
| pVS10 | PT7 promoter–*rpoA*–*rpoB*–*rpoC–*His6; *rpoZ* | [[6](#_ENREF_6)] |
| pVS11 | PT7 promoter–CBD–*dksA* | [[3](#_ENREF_3)] |

CBD = intein – chitin binding domain cassette from pTYB (NEB)

TEV = a recognition sequence for TEV protease

HMK = a recognition sequence for heart muscle kinase