Table S6. List of plasmids used in this study.

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| **Plasmid name** | **Description** |
| pAM139 | lacA::PgerE-yfp (tet) |
| pCR100 | amyE::PspoIID-mcherry (spec) |
| pER77 | sacA::PgcaD-lacZ (phleo) |
| pCR218 | yhdG::PspoIIIL-spoIIIL (tet) |
| pCR219 | yhdG::Pspank-optRBS-spoIIIL (lacI) (phleo) |
| pCR220 | amyE::PspoIIIL-optRBS-yfp (spec) |
| pAM161 | amyE::Phyperspank-yyaJ (spec) |
| pAM162 | amyE::Phyperspank-slrA (spec) |
| pAM166 | ycgO::Pspank-spoIIT (cat) |
| pAM175 | amyE::PspoIIT(small)-yfp (cat)  |
| pAM176 | amyE::PspoIIT(large)-yfp (cat) |
| pAM193 | amyE::Phyperspank-yhzC (spec) |
| pAM195 | amyE::Phyperspank-nhaC (spec) |
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