ABBREVIATIONS

AmpR  Gene mediating ampicillin resistance  
BamHI  Restriction site  
BL21(DE3)  Chemically competent E.coli strain suitable for transformation and protein expression  
CmR  Gene mediating chloramphenicol resistance  
Def  The combat protein Defensin  
Def_R  The reverse primer used for the amplification of Defensin  
DMSO  Dimethyl sulfoxide used in PCR to prevent secondary structures of the DNA template forming  
EB  The combat protein Esp optimized for C.crescentus  
EC  The combat protein Esp  
KanR  Gene mediating kanamycin resistance  
LT  Linker-tag containing a Linker for proper folding, a Sortase-tag (LPETGG) and Hisx6 for purification  
Lys  The combat protein Lysostaphin  
Nuc  The combat protein Nuclease  
Nuc_R  The reverse primer used for the amplification of Nuclease  
Phusion  Thermostable DNA Pyrococcus-like polymerase with fused processivity-enhancing domain  
pSB1A3  The backbone encoding for ampicillin resistance provided by iGEM Headquarters  
pSB1A3-T7-Nuc  Nuclease regulated by T7-promoter with pSB1A3 as the vector  
pSB1A3-T7-Nuc-BamHI-Tags  Nuclease with fused linker-tag sequence regulated by T7-promoter with pSB1A3 as the vector  
pSB1C3  The backbone encoding for chloramphenicol resistance provided by iGEM Headquarters  
pSB1C3-Def  Defensin with pSB1C3 as the vector  
pSB1C3-Nuc  Nuclease with pSB1C3 as the vector  
pSB1C3-T7  T7-promoter with pSB1C3 as the vector  
pSB1C3-T7-Def  Defensin regulated by T7-promoter with pSB1C3 as the vector  
pSB1C3-T7-EB  Esp regulated by T7-promoter with pSB1C3 as the vector  
pSB1C3-T7-Lys  Lysostaphin regulated by T7-promoter with pSB1C3 as the vector  
pSB1C3-T7-Nuc  Nuclease regulated by T7-promoter with pSB1C3 as the vector  
pSB1C3-T7-Nuc-BamHI  Nuclease with added BamHI restriction site sequence regulated by T7-promoter with pSB1A3 as the vector  
pSB1C3-T7-Nuc-BamHI-Tags  Nuclease with fused linker-tag sequence regulated by T7-promoter with pSB1C3 as the vector  
pSB1K3  The backbone encoding for kanamycin resistance provided by iGEM Headquarters  
pSB1K3-EB  Esp with pSB1K3 as the vector  
pSB1K3-EC  Esp optimized for C.crescentus with pSB1K3 as the vector  
pSB1K3-T7-EB  Esp regulated by T7-promoter with pSB1K3 as the vector  
pSB1K3-T7-Nuc  Nuclease regulated by T7-promoter with pSB1K3 as the vector  
Q5  Thermostable DNA polymerase with fused processivity-enhancing Sso7d domain
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>Suffix _R</td>
<td>Reverse primer annealing to the Suffix sequence</td>
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<tr>
<td>T7-EB</td>
<td>Esp regulated by T7-promoter</td>
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<tr>
<td>T7-EB-BamHI</td>
<td>Esp regulated by T7-promoter with a BamHI restriction site</td>
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<tr>
<td>Taq</td>
<td>Thermostable DNA polymerase (from Thermus aquaticus)</td>
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<tr>
<td>TOB1</td>
<td>Fecal E.coli isolate known to form biofilms</td>
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<tr>
<td>TOP10</td>
<td>Chemically competent E.coli strain suitable for transformation and plasmid storage</td>
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<tr>
<td>VF2 _R</td>
<td>Forward primer as provided by iGEM HQ</td>
</tr>
<tr>
<td>VR</td>
<td>Reverse primer as provided by iGEM HQ</td>
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