ComponentDefinitions Small Molecule-Based IPTG (Effector) Sequence (Chemical) **IPTG** CDS RNA **DNA-Based** pLAC (Promoter) Sequence (Nucleic Acid) lacZ (CDS) Sequence (Nucleic Acid) BBa B0015 (Terminator) Sequence (Nucleic Acid) IPTG-Inducible LacZ Expression Device (Gene) Sequence (Nucleic Acid) CDS pLac **Sequence Annotations** 38bp 321bp pLac lacZ

BBa_B... 80bp IPTG Inducible Expression Device ... CDS Protein

BBa B0015 RNA-Based LacZ mRNA (mRNA)

LacZ (Enzyme)

Protein-Based

Sequence (Nucleic Acid)

Sequence (Amino Acid)