



ComponentDefinition

Collection - ComponentDefintion

DNA -based

pLAC promoter

CDS

Terminator

Sequence - DNA

SequenceAnnotation

RNA-based

CDS mRNA

Sequence - RNA

Protein-based

CDS protein

Sequence - Amino Acid

Small Molecule based

IPTG

Sequence - Chemical

ModuleDefinition

Collection - Interaction

Induction

IPTG induces Promoter

Participant

IPTG, Promoter

Transcription

Promoter produces mRNA

Participant

Promoter, RNA Polymerase

Translation

mRNA produces protein

Participant

mRNA, Ribosome

Collection - Model

Induction model

Induction.sbml

Transcription model

Transcription.sbml

Translation model

Translation.sbml