

# BBa\_K678001

## Summary

The promoter *PalcA* controls the expression of the gene *alcA* encoding alcohol dehydrogenase I (ADHI) in *Aspergillus nidulans* and is a part of the ethanol utilization regulon. *PalcA* is a tightly regulated promoter and can completely switch off gene expression (7).

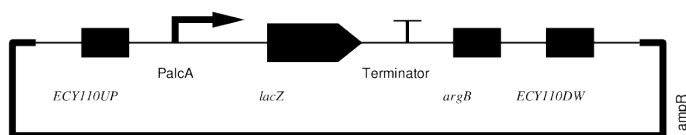
## Sequence

```
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ccaacaatcaacagttctctactcagttaattagaactcttccaatcctatcacctcgctcaaa
```

## Part Type

Basic Part

## Pigeon Image



## Designer Information

<b>Author(s)</b>	DTU-Denmark-2
<b>Data Collectors</b>	DTU-Denmark-2
<b>Date</b>	2011
<b>Affiliation</b>	DTU-Denmark-2
<b>Team</b>	DTU-Denmark-2
<b>Contact</b>	DTU-Denmark-2

## Designer Details

<b>Type</b>	promotor
<b>Vector</b>	p68
<b>Design Components</b>	<i>PalcA</i>

Assembly Information

Assembly Method(s)	Plug 'n' Play with DNA assembly standard
Assembly RFC	80
Supplemental Comments	Aspergillus nidulans
Assembly Components	PalcA

Flow Cytometry Experiment

Transfer Curve Graph

