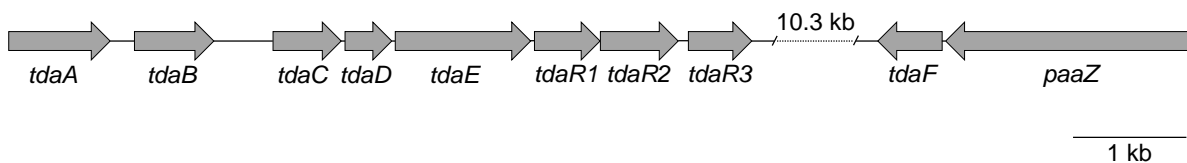


TDA biosynthetic gene cluster of *P. inhibens* DSM 17395



Gene	Predicted gene products
<i>tdaA</i>	Transcriptional regulator, LysR family
<i>tdaB</i>	Putative beta etherase
<i>tdaC</i>	Prephenate dehydratase TdaC-like protein
<i>tdaD</i>	Thioesterase superfamily protein
<i>tdaE</i>	Acyl-CoA dehydrogenase
<i>tdaR1</i> *	Uncharacterized protein
<i>tdaR2</i> *	Uncharacterized protein
<i>tdaR3</i> *	Gamma-glutamylcyclotransferase
<i>tdaF</i>	Putative flavoprotein, HFCD family
<i>paaZ</i>	Phenylacetic acid degradation protein

\*Wilson et al. (2016)

Proposed biosynthesis pathway of TDA by Brock et al. (2014)

