

Supplementary table 2: Blast hits for PpnI (Top 15)

Predicted function	Microorganism	% identity (no. of similar aa ^a /total no.)	Accession Number
Acyl-homoserine lactone synthase	<i>Pandoraea</i> sp. RB- 44	100%	AHB74553.1
Hypothetical protein	Multispecies: <i>Pandoraea</i>	100%	WP_029754786.1
Hypothetical protein	<i>Pandoraea</i> <i>pnomenusa</i>	99%	WP_041624254.1
Hypothetical protein	<i>Pandoraea vervacti</i>	71%	WP_044456583.1
Hypothetical protein	<i>Pandoraea</i> <i>faecigallinarum</i>	65%	WP_047905500.1
Hypothetical protein	<i>Pandoraea</i> <i>oxalativorans</i>	68%	WP_046292715.1
Hypothetical protein	<i>Pandoraea vervacti</i>	69%	AJP59868.1
Hypothetical protein	<i>Pandoraea sputorum</i>	59%	WP_039402528.
Acyl-homoserine lactone synthase	<i>Burkholderia</i> <i>oklahomensis</i>	43%	WP_010118441.1
Acyl-homoserine lactone synthase	<i>Burkholderia</i> <i>oklahomensis</i>	43%	WP_010108729.1
Acyl-homoserine lactone synthase	<i>Burkholderia</i> <i>pseudomallei</i>	43%	WP_038744068.1
Acyl-homoserine lactone synthase	<i>Burkholderia</i> <i>thailandensis</i>	43%	WP_006027437.1
Acyl-homoserine lactone synthase	<i>Burkholderia</i> sp. JPY347	44%	WP_026229463.1
Acyl-homoserine lactone synthase	<i>Burkholderia</i> <i>multivorans</i>	42%	WP_006396755.1
Acyl-homoserine lactone synthase	<i>Burkholderia</i> <i>pyrrocinia</i>	40%	WP_026043906.1

^a aa, amino acid.