

**Supplementary Table S3.** Intraspecific phenotypic variation among the *Photobacterium damsela* strains.

Test	<i>P. damsela</i> subsp. <i>damsela</i> (n=15)	<i>P. damsela</i> subsp. <i>piscicida</i> (n=3)
Lysine decarboxylase	d	-
Motility	+	-
Acetoin production	d	d
Nitrate production	+	-
Amylase	d	d
Gelatinase	d	-
Lipase	d	+
Haemolysin production	d	-
Acids from:		
Sucrose	-	w
Melibiose	+	-
L-arabinose	-	d
D-cellobiose	+	-
D-galactose	+	w
Maltose	+	-
D-trehalose	+	-
Utilization of:		
Glycogen	+	-
Tween-40	+	-
N-acetyl-D-galactosamine	+	-
$\beta$ -methyl-D-glucoside	+	-
D-raffinose	+	-
D-sorbitol	+	-
Succinic acid	+	-
D-L- lactic acid	+	-
Bromosuccinic acid	+	-
Succinamic acid	+	-
L-alanyl glycine	+	-
L-asparagine	+	-
L-aspartic acid	+	-
L-glutamic acid	+	-
L-serine	+	-
Glycerol	+	-
$\alpha$ -D-glucose 1-phosphate	+	-

d: variable result among strains

w: weak positive