

**Supplementary Table S1.** Selected *Pocillopora damicornis* pBMC strains obtained by pBMC-PCR screening and strain typing by 16S phylogenetic results.

Strain	16S rRNA gene identification	Identity	<i>nifH</i>	Catalase	<i>nirK</i>	<i>dmdA</i>	Antagonistic activity*
<b>pBMC 1</b>	<i>Pseudoalteromonas</i> sp. ( <a href="#">KP016625.1</a> )	99%		+++	X		
<b>pBMC 2</b>	<i>Pseudoalteromonas</i> sp. ( <a href="#">KU955357.1</a> )	100%		+	X		
<b>pBMC 3</b>	<i>Pseudoalteromonas</i> sp. ( <a href="#">KX806641.1</a> )	100%	X	+	X		
<b>pBMC 4</b>	<i>Pseudoalteromonas</i> sp. ( <a href="#">KX806641.1</a> )	100%		+++		X	
<b>pBMC 5</b>	<i>Pseudoalteromonas</i> sp. ( <a href="#">KU955357.1</a> )	99%		+	X		X
<b>pBMC 6</b>	<i>Cobetia marina</i> ( <a href="#">KP236304.1</a> )	99%		++++			
<b>pBMC 7</b>	<i>Halomonas taeanensis</i> ( <a href="#">KJ161492.1</a> )	100%	X	+			

\*Antagonist activity was measured against *V. corallilyticus* DSM19607, see Materials and Methods