

Table S1. Genes involved in plant growth promotion and colonization harbored in the *B. halotolerans* Hil4 genome.

Gene Name	Product	Function
<i>ysnE</i>	N-Acetyltransferase	IAA synthesis
<i>trpA</i>	Tryptophan synthase alpha chain	
<i>trpB</i>	Tryptophan synthase beta chain	
<i>trpC</i>	Indole-3-glycerol phosphate synthase	
<i>trpD</i>	Anthranilate phosphoribosyltransferase	
<i>nos</i>	Nitric oxide synthase oxygenase	Nitric oxide synthesis
<i>alsS</i>	Acetolactate synthase	2,3-butanediol and acetoin synthesis
<i>alsD</i>	Acetolactate decarboxylase	
<i>ilvB</i>	Acetolactate synthase large subunit	
<i>ilvH</i>	Acetolactate synthase small subunit	
<i>bdhA</i>	2, 3-butanediol dehydrogenase	
<i>budC</i>	Diacetyl reductase [(S)-acetoin forming]	
<i>speA</i>	Arginine decarboxylase	Spermidine synthesis
<i>speB</i>	Agmatinase	
<i>speH</i>	S-adenosylmethionine decarboxylase proenzyme	
<i>speE</i>	Polyamine aminopropyltransferase	
<i>phy</i>	3-Phytase	
<i>phoR</i>	Alkaline phosphatase synthesis sensor protein	Alkaline phosphatase
<i>phoP</i>	Alkaline phosphatase synthesis transcriptional regulatory protein	
<i>phoA</i>	Alkaline phosphatase 4	
<i>phoD</i>	Alkaline phosphatase D	
<i>flgB</i>	Flagellar basal body rod protein FlgB	Flagella biosynthesis
<i>flgC</i>	Flagellar basal-body rod protein FlgC	
<i>flgK</i>	Flagellar hook-associated protein 1	
<i>flhA</i>	Flagellar biosynthesis protein FlhA	
<i>fliD</i>	Flagellar hook-associated protein 2	
<i>fliG</i>	Flagellar motor switch protein FliG	
<i>fliJ</i>	Flagellar FliJ protein	
<i>fliM</i>	Flagellar motor switch protein FliM	
<i>fliP</i>	Flagellar biosynthetic protein FliP	
<i>fliQ</i>	Flagellar biosynthetic protein FliQ	
<i>fliR</i>	Flagellar biosynthetic protein FliR	
<i>fliS</i>	Flagellar secretion chaperone FliS	
<i>cheA</i>	Chemotaxis protein CheA	Chemotaxis
<i>cheB</i>	Protein-glutamate methylesterase	
<i>cheD</i>	Chemoreceptor glutamine deamidase CheD	
<i>cheR</i>	Chemotaxis protein methyltransferase	
<i>cheY</i>	Chemotaxis protein CheY	
<i>cheW</i>	Chemotaxis protein CheW	
<i>swrC</i>	Swarming motility protein SwrC	Swarming motility
<i>bslB</i>	Biofilm-surface layer protein B	Biofilm formation
<i>bslA</i>	Biofilm-surface layer protein A	
<i>tasA</i>	Major biofilm matrix component	

<i>pgsA</i>	Glycerol-3-phosphate 3-phosphatidyltransferase	Poly-glutamic acid (γ -PGA) synthesis
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