

**Table S6.** Comparative analysis of gene clusters involved in plant growth promotor factors of *B. siamensis* RGM 2529.

Type Factor	Factor	Location	Cluster Position	Identity	
				PGPR Strain	%
Secondary metabolites	Bacillibactin	Scaffold 6	895012-878233	<i>B. velezensis</i> QST 713	92
	Surfactin	Scaffold 6	2-15407 227358-247054	<i>B. velezensis</i> QST 713	93
	Fengycin	Scaffold 8	874448-923913	<i>B. velezensis</i> QST 713	92
	Bacillaene	Scaffold 8	1061005-1133351	<i>B. velezensis</i> QST 713	92
	Aurantinin	Contig 419	2-22820	<i>B. subtilis</i> fmb60	97
		Contig 471	1380-13853		92
		Scaffold 4	1-7960		86
		Scaffold 9	9725-23086		86
	Bacillomycin D	Scaffold 8	932676-977313	<i>B. velezensis</i> QST 714	77
	Amylocyclin	Scaffold 6	866517-870687	<i>B. velezensis</i> QST 715	93
Phytohormon byosisnthesis	Indol-3-acetic acid	Scaffold 8	667442-661531	<i>B. velezensis</i> FZB421	93
		Scaffold 6	279225-279683		
		Contig 471	64800-66338		
	Cytokinin	Scaffold 8	1052977-1053921	<i>Priestia megaterium</i> STB1	67
		Scaffold 8	1140820-1142349		
		Scaffold 6	606838-607413		
Polyamines	Putrescine	Scaffold 3	132047-135232	<i>Priestia megaterium</i> STB1	79
		Scaffold 8	1385796-1387268		
	Spermidin	Scaffold 6	343797-344669	<i>Priestia megaterium</i> STB1	84
		Scaffold 8	169859-170239		
Plant growth promotor volatil compound	Acetoin and butanediol	Scaffold 6	342908-343738	<i>B. subtilis</i> 168	80
		Scaffold 6	460390-463993		
Phytohormon catabolism	GABA	Scaffold 3	217726-218766	<i>B. subtilis</i> 168	87
		Scaffold 7	187922-218766		
	Acetoin and 2,3-butanediol	Scaffold 3	212141-213526	<i>B. subtilis</i> 168	81
		Scaffold 8	92563-94395		
Phosphate solubilization	Alkaline phophatase	Scaffold 3	49196-52437	<i>B. subtilis</i> 168	79
		Scaffold 8	158106-160557		
		Conting 471	83307-84686		
	Phytase	Conting 463	79826-81577	<i>B. subtilis</i> 168	71
		Scaffold 8	770352-771503		
		Scaffold 7	186096-186881		
Nitrogen metabolims	organic acid	Scaffold 6	602817-603782	<i>B. subtilis</i> 168	85
		Scaffold 6	413884-416278		
	Urease	Scaffold 6	413884-416278		88
	Nitrite reductase	Contig 463	15804-18562		93
	Nitrate reductase	Scaffold 6	355515-361905		96