

**TABLE S5. JAI-1 motif of the 5' gene regions of the chitinase *chiA*, the AI synthase *jqsA* and the violacein operon *vioA***

<b>Gene</b>	<b>strain</b>	<b>gene number</b>	<b>JAI-1 motif in 5' gene region</b>
<i>chiA</i>	HH01	Jab_2c26490	<b>TTGG TACGCG TCAA</b>
	HH100, HH102, HH103, HH104, HH107, 5059, 1522	JAB2_53050, JAB4_02140, JAB5_43070, JAB6_08700, JAB9_00320, JAB1_49050, JALI_07700	<b>TTAG AGGCCACT TCAA</b>
	HH101	JAB3_19810	<b>TTGG TATTCG TCAA</b>
	HH105	JAB7_54080	<b>TTGG TACTCG TCAA</b>
	9628	GJA_3469	<b>TTGA TACCACT TCGA</b>
<i>jqsA</i>	HH01, HH101, HH105	Jab_2c24330, JAB3_22080, JAB7_46330	<b>TTGA TCAGCG TCAA</b>
	HH100, HH102, HH103, HH104, HH106, HH107	JAB2_10110, JAB4_14950, JAB5_52650, JAB6_32140, JAB8_15610, JAB9_28750	<b>TTGA GCTGTA TCAA</b>
	5059, 1522	JAB1_37310, JALI_03530	<b>TTGA TATACG TCAA</b>
	9628	GJA_1197	<b>TTGA TGTAGA TCAA</b>
	16928	F460DRAFT_03279	<b>TTGA TTTTGA TCAA</b>
	9628	DUPY_10350	<b>TTGA CCTTGA TCAA</b>
<i>vioA</i>	HH01	Jab_2c08810	<b>TTGA CATTTA TCAA</b>
	HH100 - 107, 5059	JAB2_05300, JAB3_04810, JAB4_20530, JAB5_09800, JAB6_20840, JAB7_02320, JAB8_05560, JAB9_09370, JAB1_31660	<b>TTGA TATTTA TCAA</b>
	1522	JALI_28730	<b>TTGA TATTTA TCAA</b>

Strain abbreviations: 5059: MP5059B, 1522: *J. lividum*, 9628: *J. agaricidamnosum* and 16928: *D. zoogloeoides*. Conserved sequence of JAI-1 motif is written in bold.