

**Table S1.** Growth parameters of canola plants grown under hydroponic conditions and inoculated with root endophytic bacterial isolates.

Isolate	Species	SDW	RDW	SL	RL
		----- (mg plant <sup>-1</sup> ) -----		----- (mm plant <sup>-1</sup> ) -----	
<i>Experiment 1</i>					
Control		797	422	17.4	30.9
MRBN09	<i>Peribacillus simplex</i>	1013	468	19.5	27.4
MRBN12	<i>Bacillus taxi</i>	1050	543	18.8	23.8
MRBN45	<i>Paenibacillus polymyxa</i>	<b>1088</b>	501	19.6	24.7
MRBN52	<i>Paenibacillus</i> sp.	<b>1077</b>	481	18.9	27.7
VABN05	<i>Pseudomonas baetica</i>	1008	566	17.5	32.4
VABN09	<i>Pseudomonas baetica</i>	893	521	16.5	33.9
VABN10	<i>Pseudomonas baetica</i>	861	475	16.9	35.1
VABN13	<i>Pseudomonas baetica</i>	908	515	16.9	31.9
VABN15	<i>Pseudomonas thivervalensis</i>	903	522	16.9	29.6
VABN17	<i>Pseudomonas baetica</i>	900	522	17.1	30.4
VABN20	<i>Pseudomonas thivervalensis</i>	<b>1107</b>	<b>605</b>	19.5	30.1
VABN21	<i>Pseudomonas thivervalensis</i>	<b>1149</b>	397	20.6	30.0
VABN23	<i>Pseudomonas baetica</i>	1061	467	18.4	31.7
<i>Experiment 2</i>					
Control		734	376	16.6	25.5
MRBN01	<i>Paenibacillus amylolyticus</i>	<b>1086</b>	438	18.6	23.9
MRBN02	<i>Paenibacillus amylolyticus</i>	<b>1059</b>	450	18.6	27.1
MRBN05	<i>Paenibacillus amylolyticus</i>	913	397	18.1	23.1
MRBN07	<i>Terribacillus saccharophilus</i>	1026	467	18.7	26.7
MRBN17.1	<i>Paenibacillus polymyxa</i>	<b>1058</b>	466	18.1	26.1
MRBN17.2	<i>Paenibacillus</i> sp.	<b>1368</b>	<b>515</b>	<b>20.6</b>	<b>25.9</b>
MRBN18	<i>Paenibacillus polymyxa</i>	924	435	16.9	27.9
MRBN23	<i>Paenibacillus polymyxa</i>	<b>1047</b>	462	17.7	25.2
MRBN31	<i>Paenibacillus polymyxa</i>	<b>1164</b>	410	<b>20.8</b>	<b>30.6</b>
MRBN35	<i>Paenibacillus polymyxa</i>	<b>1054</b>	475	17.9	27.0
MRBN36	<i>Paenibacillus polymyxa</i>	<b>1086</b>	472	18.6	28.9
MRBN43	<i>Paenibacillus amylolyticus</i>	<b>1204</b>	<b>554</b>	19.4	29.4
MRBN47	<i>Paenibacillus amylolyticus</i>	<b>1233</b>	<b>547</b>	19.9	26.1
MRBN55	<i>Paenibacillus</i> sp.	<b>1411</b>	<b>581</b>	<b>22.0</b>	<b>25.9</b>
<i>Experiment 3</i>					
Control		785	393	14.7	28.6
MRBN03	<i>Paenibacillus polymyxa</i>	712	283	14.9	24.7
MRBN04	<i>Bacillus megaterium</i>	831	482	15.4	28.5
MRBN06	<i>Paenibacillus massiliensis</i>	836	299	16.1	25.6
MRBN15	<i>Paenibacillus polymyxa</i>	826	303	<b>16.9</b>	27.7
MRBN40	<i>Bacillus megaterium</i>	625	278	14.7	25.3
MRBN44	<i>Paenibacillus polymyxa</i>	891	345	<b>17.4</b>	25.3
MRBN48	<i>Bacillus subtilis</i>	836	303	16.4	26.1
MRBN49	<i>Paenibacillus</i> sp.	747	339	12.6	26.3

MRBN50	<i>Paenibacillus</i> sp.	641	215	16.5	29.1
MRBN54	<i>Bacillus taxi</i>	800	348	14.9	26.9
<i>Experiment 4</i>					
Control		749	298	14.6	30.6
MRBN16	<i>Paenibacillus</i> sp.	830	380	15.7	29.0
MRBN21	<i>Neobacillus</i> sp.	947	384	<b>16.7</b>	27.1
MRBN26	<i>Peribacillus simplex</i>	<b>1138</b>	<b>447</b>	16.4	25.4
MRBN56	<i>Peribacillus simplex</i>	<b>1137</b>	<b>441</b>	16.2	25.4
VABN01	<i>Pseudomonas baetica</i>	898	367	15.6	27.0
VABN02	<i>Pseudomonas baetica</i>	780	303	<b>17.4</b>	24.6
VABN03	<i>Pseudomonas baetica</i>	700	303	16.2	27.4
VABN04	<i>Pseudomonas baetica</i>	811	312	14.8	24.7
VABN07	<i>Pseudomonas thivervalensis</i>	<b>992</b>	393	15.9	23.1
VABN08	<i>Pseudomonas baetica</i>	770	301	13.4	26.0
VABN22	<i>Pseudomonas thivervalensis</i>	<b>1077</b>	<b>427</b>	<b>16.9</b>	27.0

SDW, shoot dry weight; RDW, root dry weight; SL, shoot length; RL, root length. Means ( $n=7$ ) are shown. Within each experiment, treatment means in bold type were higher than their respective uninoculated control treatment according to Dunnett's one-tailed tests at  $p \leq 0.05$ .