

Table S3. Flagellar biosynthesis-related genes identified in the genomes of strains FM7315^T and FM7330^T

Gene	Function	Locus tag	
		FM7315 ^T	FM7330 ^T
<i>FliE</i>	Hook–basal body junction protein	ACER0A_RS07840	ACFIJ5_RS11575
<i>FliA</i>	Flagellar sigma factor (σ^{28})	ACER0A_RS07730	ACFIJ5_RS11465
<i>FliF</i>	MS ring (basal body) protein	ACER0A_RS07835	ACFIJ5_RS11570
<i>FliG</i>	C-ring protein; motor switch and torque generator	ACER0A_RS07830	ACFIJ5_RS11565
<i>FliH</i>	ATPase regulator in flagellar export	ACER0A_RS07825	ACFIJ5_RS11560
<i>FliJ</i>	Chaperone escort for protein export	ACER0A_RS07815	ACFIJ5_RS11550
<i>FliK</i>	Hook-length control protein	ACER0A_RS07810	ACFIJ5_RS11545
<i>FliL</i>	Motor-associated membrane protein	ACER0A_RS07775	ACFIJ5_RS11510
<i>FliM</i>	C-ring protein; rotation direction control	ACER0A_RS08010	ACFIJ5_RS11795
<i>FliO</i>	T3SS export apparatus component	ACER0A_RS07770	ACFIJ5_RS11505
<i>FliP</i>	T3SS export gate component	ACER0A_RS12380	ACFIJ5_RS11500
<i>FliQ</i>	T3SS export gate component	ACER0A_RS07760	ACFIJ5_RS11495
<i>FliC</i>	Flagellin; filament structural subunit	ACER0A_RS07945	ACFIJ5_RS11590
<i>FliD</i>	Filament cap protein	ACER0A_RS07955	ACFIJ5_RS11740
<i>FliS</i>	Flagellin chaperone	ACER0A_RS07960	ACFIJ5_RS11745
<i>FliH</i>	T3SS export apparatus protein	ACER0A_RS07750	ACFIJ5_RS11485
<i>FlgB</i>	Proximal rod protein	ACER0A_RS07850	ACFIJ5_RS11590

<i>FlgC</i>	Rod structure protein	ACER0A_RS07845	ACFIJ5_RS11580
<i>FlgD</i>	Hook assembly initiator	ACER0A_RS07805	ACFIJ5_RS11540
<i>FlgE</i>	Hook protein	ACER0A_RS07795	ACFIJ5_RS11530
<i>FlgK</i>	Hook–filament junction protein	ACER0A_RS07990	ACFIJ5_RS11775
<i>FlgL</i>	Hook–filament junction protein	ACER0A_RS07985	ACFIJ5_RS11770
<i>FlgM</i>	Anti- σ^{28} factor	ACER0A_RS08000	ACFIJ5_RS11785
<i>MotA</i>	Stator protein (proton channel)	ACER0A_RS07785	ACFIJ5_RS11520
<i>MotB</i>	Stator anchoring protein	ACER0A_RS07780	ACFIJ5_RS11515
<i>RpoD</i>	Sigma factor (σ^{70}); general transcription	ACER0A_RS04465	ACFIJ5_RS12005
<i>RpoN</i>	Sigma factor (σ^{54}); flagellar gene activation	ACER0A_RS11255	ACFIJ5_RS03220
