

Table S6. Plasmids used in this study

Plasmid	Technical name	Gene	An# (gene)	Gene name	Target sequence	Reference
pFC332	pFC332	-	-	-	-	(70)
pTLL108.1	pTLL108.1	-	-	-	-	(54)
pTLL109.2	pTLL109.2	-	-	-	-	(54)
pFC332_mtdA-sgRNA	pVO1	NRRL3_04005	An15g05450	<i>mtdA</i>	GCTGGCAAGACAGCCAGCAG	This study
pFC332_mtdB-sgRNA	pSJS4	NRRL3_08606	An03g02430	<i>mtdB</i>	GAATTTGTTCGCAAATCGTGG	This study
pFC332_mpdA-sgRNA	pVO2	NRRL3_05796	An02g05830	<i>mpdA</i>	CGATGAACTTGAGAATGTGG	This study
pFC332_tpsA-sgRNA	pSJS2	NRRL3_11571	An08g10510	<i>tpsA</i>	TCGCGGGTTGACGAAACAAT	This study
pFC332_tpsB-sgRNA	pSJS3	NRRL3_04893	An07g08710	<i>tpsB</i>	TTTGTCGTCCATGAACACCG	This study
pFC332_tpsC-sgRNA	pSJS4	NRRL3_00777	An14g02180	<i>tpsC</i>	TCGCTGAAAAGGTCGACGG	This study
pFC332_KORE1-sgRNA	pTL71.1	-	-	KORE1	CCGGCTTATATTGGTACCACTCC	This study
pFC332_con10-sgRNA		NRRL3_02511	An01g10790	<i>conJ</i>	AGTGTCGAATATCGCCAAGA	This study
pFC332_lea3-sgRNA		NRRL3_05684	An02g07350	<i>LEA3-like</i>	GCCACTGCCCGTCGTGACAA	This study
pFC332_dehydrinA-sgRNA		NRRL3_01017	An14g05070	<i>dprA</i>	TGGTCCCCACTCCTCCAACA	This study
pFC332_dehydrinB-sgRNA		NRRL3_01479	An13g01110	<i>dprB</i>	CCAGCGCAACCACTGCAACA	This study
pFC332_hsf1-sgRNA	pHSF1_1	NRRL3_07278	An16g01760	<i>hsfA</i>	ACTGGAAGTGGAGAAAACGG	This study
pFC332_hsp12-sgRNA	pHSP12_2	NRRL3_11620	An06g01610	<i>hsp9/12</i>	CAGCAAGTCCGGTCCCCAGG	This study
pFC332_hsp104-sgRNA	pHSP104_2	NRRL3_02725	An01g13350	<i>hsp104</i>	GGATCGAGAAGGGCCGTCGG	This study