Supplementary Table S1. Strains and plasmids used in this work.

Strains		
Strain	**Genotype**	**Reference**
DK1622	Wildtype	[1]
Δ*msuB*	DK1622 Δ*msuB*	This study
Δ*msuB*/*msuB*	Δ*msuB* with *msuB* (wild type), Tet^r	This study
Δ*msuD*	DK1622 Δ*msuD*	This study
Δ*msuD*/*msuD*	Δ*msuD* with *msuD* (wild type), Tet^r	This study
Δ*MXAN_0771*	DK1622 Δ*MXAN_0771*	This study
Δ*MXAN_3618*	DK1622 Δ*MXAN_3618*	This study
Δ*MXAN_6911*	DK1622 Δ*MXAN_6911*	This study
Plasmids		
Plasmid	**Description**	**Reference**
pBJ113	Km^r, *galK*	[2,3]
pSWU30	Site specific integration vector with Mx8 attB, Tet^r	[4]
pBJ113-msuB	pBJ113, in-frame deletion construct for *msuB*, Km^r	This study
pBJ113-msuD	pBJ113, in-frame deletion construct for *msuD*, Km^r	This study
pBJ113-MXAN_0771	pBJ113, in-frame deletion construct for *MXAN_0771*, Km^r	This study
pBJ113-MXAN_3618	pBJ113, in-frame deletion construct for *MXAN_3618*, Km^r	This study
pBJ113-MXAN_6911	pBJ113, in-frame deletion construct for *MXAN_6911*, Km^r	This study
pSWU30-msuB	pSWU30, P_{nat} *msuB*, Site specific integration vector with Mx8 attB, Tet^r	This study
pSWU30-msuD	pSWU30, P_{nat} *msuD*, Site specific integration vector with Mx8 attB, Tet^r	This study

Reference

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