

Table S6. <i>Myxococcus</i> strains			
Strain	Construction	Source	Genotype
DZ2	Wild type	Laboratory collection	WT
TM156	DZ2 <i>pilA::tet</i>	Laboratory collection	$\Omega pilA$
TM267	DZ2 <i>frzE::Tn5</i> $\Omega 231$	David Zusman	$\Omega frzE$
DZ4770	DZ2 $\Delta aglZ$	[24]	$\Delta aglZ$
TM140	DZ2 pBJ Ω Mxan_1922	This work	$\Omega Mxan_{1922}$
TM141	DZ2 pBJ Ω Mxan_3374	This work	$\Omega Mxan_{3374}$
TM643	DZ2 pBJ Ω Mxan_1327	This work	$\Omega Mxan_{1327}$
TM142	DZ2 $\Delta gltD$ (pBJ $\Delta gltD$)	This work	$\Delta gltD$
TM148	DZ2 $\Delta gltE$ (pBJ $\Delta gltE$)	This work	$\Delta gltE$
TM136	DZ2 $\Delta gltF$ (pBJ $\Delta gltF$)	This work	$\Delta gltF$
TM135	DZ2 $\Delta gltG$ (pBJ $\Delta gltG$)	This work	$\Delta gltG$
TM149	DZ2 $\Delta gltH$ (pBJ $\Delta gltH$)	This work	$\Delta gltH$
TM456	DZ2 $\Delta gltC$ (pBJ $\Delta gltC$)	This work	$\Delta gltC$
TM600	DZ2 $\Delta gltK$ (pBJ $\Delta gltK$)	This work	$\Delta gltK$
TM603	DZ2 $\Delta gltB$ (pBJ $\Delta gltB$)	This work	$\Delta gltB$
TM606	DZ2 $\Delta gltA$ (pBJ $\Delta gltA$)	This work	$\Delta gltA$
TM253	TM142 <i>pilA::tet</i>	This work	$\Delta gltD \Omega pilA$
TM297	TM148 <i>pilA::tet</i>	This work	$\Delta gltE \Omega pilA$
TM246	TM136 <i>pilA::tet</i>	This work	$\Delta gltF \Omega pilA$
TM245	TM135 <i>pilA::tet</i>	This work	$\Delta gltG \Omega pilA$
TM244	TM149 <i>pilA::tet</i>	This work	$\Delta gltH \Omega pilA$
TM466	TM456 <i>pilA::tet</i>	This work	$\Delta gltC \Omega pilA$
TM602	TM600 <i>pilA::tet</i>	This work	$\Delta gltK \Omega pilA$
TM605	TM603 <i>pilA::tet</i>	This work	$\Delta gltB \Omega pilA$
TM608	TM606 <i>pilA::tet</i>	This work	$\Delta gltA \Omega pilA$
TM274	TM142 <i>frzE::Tn5</i> $\Omega 231$	This work	$\Delta gltD \Omega frzE$
TM275	TM148 <i>frzE::Tn5</i> $\Omega 231$	This work	$\Delta gltE \Omega frzE$
TM276	TM136 <i>frzE::Tn5</i> $\Omega 231$	This work	$\Delta gltF \Omega frzE$
TM277	TM135 <i>frzE::Tn5</i> $\Omega 231$	This work	$\Delta gltG \Omega frzE$
TM293	TM149 <i>frzE::Tn5</i> $\Omega 231$	This work	$\Delta gltH \Omega frzE$
TM467	TM456 <i>frzE::Tn5</i> $\Omega 231$	This work	$\Delta gltC \Omega frzE$
TM601	TM600 <i>frzE::Tn5</i> $\Omega 231$	This work	$\Delta gltK \Omega frzE$
TM604	TM603 <i>frzE::Tn5</i> $\Omega 231$	This work	$\Delta gltB \Omega frzE$
TM607	TM606 <i>frzE::Tn5</i> $\Omega 231$	This work	$\Delta gltA \Omega frzE$
TM330	DZ4770 <i>frzE::Tn5</i> $\Omega 231$	This work	$\Delta aglZ \Omega frzE$
TM392	TM330 $\Delta pilA$ (pBJ $\Delta pilA$)	This work	$\Delta aglZ \Delta pilA \Omega frzE$
TM445	TM274 $\Delta pilA$ (pBJ $\Delta pilA$)	This work	$\Delta gltD \Delta pilA \Omega frzE$
TM248	TM135 <i>mx8_{ant}::gltG</i> (pSWU30gltG)	This work	$\Delta gltG gltG$
TM273	TM136 <i>mx8_{ant}::gltF-mCherry</i> (pSWU30gltFC)	This work	$\Delta gltF gltF-mCherry$
TM406	TM273 $\Delta pilA$ (pBJ $\Delta pilA$)	This work	$\Delta gltF \Delta pilA gltC-mCherry$
TM247	<i>agmU-mcherry</i>	[18]	<i>agmU-mcherry</i>
TM410	TM247 <i>pilA::tet</i>	This work	$\Omega pilA agmU-mcherry$
TM472	TM410 <i>aglZ-yfp</i> (pBJ ΔglZ)	This work	$\Omega pilA agmU-mcherry aglZ-yfp$
TM470	TM410 $\Delta aglQ$ (pBJ $\Delta aglQ$)	This work	$\Delta aglQ \Omega pilA agmU-mcherry$
TM471	TM406 $\Delta aglQ$ (pBJ $\Delta aglQ$)	This work	$\Delta aglQ \Delta gltF \Delta pilA gltF-mCherry$