

Supplementary Table 1. Complementation by the GFP-tagged essential MOP components

Plasmid	Mutant	Strain	% Sporulation
CEN-SPO21-GFP	<i>spo21_</i>	AN180	57.8
CEN-SPO21	<i>spo21_</i>	AN180	53.5
CEN-empty	<i>spo21_</i>	AN180	0.0
- no plasmid -	<i>spo21_</i>	AN180	0.0
2 $\mu$ -SPO74-GFP	<i>spo74_</i>	MND58	63.0
2 $\mu$ -SPO74	<i>spo74_</i>	MND58	68.0
2 $\mu$ -empty	<i>spo74_</i>	MND58	0.0
- no plasmid -	<i>spo74_</i>	MND58	0.0
2 $\mu$ -MPC54-GFP	<i>mpc54_</i>	NY541	61.3
2 $\mu$ -MPC54	<i>mpc54_</i>	NY541	43.8
2 $\mu$ -empty	<i>mpc54_</i>	NY541	0.0
- no plasmid -	<i>mpc54_</i>	NY541	0.0

Cells were induced to sporulate. After two days, 200 cells were analyzed for sporulation in each condition. Numbers represent the averages of two experiments. Complementation of the MOP protein deletion strains is indicated by a rescue of sporulation.