

Table S-2: Comparison of models between isolates BP3 & BP6 for each cultivar. Calculated F-values higher than the critical value, F(significance level, degree of freedom of numerator, degree of freedom of denominator) indicate that the processes tested contribute to significant differences between the compared treatments. Separate-curve fits are compared with the single-curve fit.

Models	RSS	df	F-value	
<i>Bintje - BP3 against BP6</i>				
<i>Growth model</i>				
Common model	5995779	264		
Separate models	4962149	262		
ρ varying and t_0 fixed	4909717	263	57.3	$> F(0.05, 1, 262)$
t_0 varying and ρ fixed	5517243	263	25.3	$> F(0.05, 1, 262)$
<i>Sporulation model</i>				
Common model	6.88×10^{12}	263		
Separate models	5.37×10^{12}	260		
t_1 varying, s and μ fixed	5.95×10^{12}	262	44.9	$> F(0.05, 1, 260)$
s varying, t_1 and μ fixed	5.37×10^{12}	262	73.2	$> F(0.05, 1, 260)$
μ varying, t_1 and s fixed	6.43×10^{12}	262	21.9	$> F(0.05, 1, 260)$
<i>Möwe - BP3 against BP6</i>				
<i>Growth model</i>				
Common model	7165602	201		
Separate models	5815379	199		
ρ varying and t_0 fixed	5753928	200	48.3	$> F(0.05, 1, 199)$
t_0 varying and ρ fixed	6818536	200	11.9	$> F(0.05, 1, 199)$
<i>Sporulation model</i>				
Common model	6.68×10^{12}	200		
Separate models	5.53×10^{12}	197		
t_1 varying, s and μ fixed	6.17×10^{12}	199	18.3	$> F(0.05, 1, 197)$
s varying, t_1 and μ fixed	5.58×10^{12}	199	39.1	$> F(0.05, 1, 197)$
μ varying, t_1 and s fixed	6.31×10^{12}	199	6.3	$> F(0.05, 1, 197)$
<i>Désirée- BP3 against BP6</i>				
<i>Growth model</i>				
Common model	5205059	227		
Separate models	4879495	225		
ρ varying and t_0 fixed	5009685	226	9.1	$> F(0.05, 1, 225)$
t_0 varying and ρ fixed	5107757	226	4.5	$> F(0.05, 1, 225)$
<i>Sporulation model</i>				
Common model	2.14×10^{12}	263		
Separate models	1.86×10^{12}	260		
t_1 varying, s and μ fixed	2.03×10^{12}	262	16.6	$> F(0.05, 1, 260)$
s varying, t_1 and μ fixed	1.90×10^{12}	262	27.4	$> F(0.05, 1, 260)$
μ varying, t_1 and s fixed	2.06×10^{12}	262	8.0	$> F(0.05, 1, 260)$