

Table S-3: Comparison of models between cultivars for isolate BP3. Calculated F-values higher than the critical value, $F(\text{significance level, degree of freedom of numerator, degree of freedom of denominator})$ 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>BP3 - Bintje against Möwe</i>				
<i>Growth model</i>				
Common model	12342345	224		
Separate models	8129736	222		
ρ varying and t_0 fixed	8041872	223	117.4	$> F(0.05, 1, 222)$
t_0 varying and ρ fixed	11634140	223	19.3	$> F(0.05, 1, 222)$
<i>Sporulation model</i>				
Common model	9.31×10^{12}	223		
Separate models	6.99×10^{12}	220		
t_1 varying, s and μ fixed	7.50×10^{12}	222	57.2	$> F(0.05, 1, 220)$
s varying, t_1 and μ fixed	7.95×10^{12}	222	42.9	$> F(0.05, 1, 220)$
μ varying, t_1 and s fixed	8.59×10^{12}	222	22.8	$> F(0.05, 1, 220)$
<i>BP3 - Bintje against Désirée</i>				
<i>Growth model</i>				
Common model	7404216	229		
Separate models	6350869	227		
ρ varying and t_0 fixed	6631727	228	27.6	$> F(0.05, 1, 227)$
t_0 varying and ρ fixed	6295958	228	36.6	$> F(0.05, 1, 227)$
<i>Sporulation model</i>				
Common model	7.32×10^{12}	228		
Separate models	5.24×10^{12}	225		
t_1 varying, s and μ fixed	6.68×10^{12}	227	27.7	$> F(0.05, 1, 225)$
s varying, t_1 and μ fixed	5.29×10^{12}	227	87.4	$> F(0.05, 1, 225)$
μ varying, t_1 and s fixed	6.79×10^{12}	227	22.7	$> F(0.05, 1, 225)$
<i>BP3 - Möwe against Désirée</i>				
<i>Growth model</i>				
Common model	12980376	201		
Separate models	7124301	199		
ρ varying and t_0 fixed	7594831	200	150.4	$> F(0.05, 1, 199)$
t_0 varying and ρ fixed	8436374	200	126.9	$> F(0.05, 1, 199)$
<i>Sporulation model</i>				
Common model	4.50×10^{12}	200		
Separate models	4.26×10^{12}	197		
t_1 varying, s and μ fixed	4.45×10^{12}	199	1.9	NS
s varying, t_1 and μ fixed	4.38×10^{12}	199	5.2	$> F(0.05, 1, 197)$
μ varying, t_1 and s fixed	4.46×10^{12}	199	1.4	NS