Table S-4: Comparison of models between cultivars for isolate BP6. 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	
BP6 - Bintje against Möwe				
Growth model				
Common model	4970014	241		
Separate models	2647792	239		
ρ varying and t_0 fixed	2669982	240	207.6	$> F(0.05, 1, 239)$
t_0 varying and ρ fixed	3566505	240	126.7	$> F(0.05, 1, 239)$
Sporulation model				
Common model	5.04×10^{12}	240		
Separate models	3.91×10^{12}	237		
t_1 varying, s and μ fixed	4.38×10^{12}	239	38.9	$> F(0.05, 1, 237)$
s varying, t_1 and μ fixed	4.28×10^{12}	239	45.9	$> F(0.05, 1, 237)$
μ varying, t_1 and s fixed	4.75×10^{12}	239	17.2	$> F(0.05, 1, 237)$
BP6 - Bintje against Désirée				
Growth model				
Common model	4408200	262		
Separate models	3490775	260		
ρ varying and t_0 fixed	4198880	261	7.9	$> F(0.05, 1, 260)$
t_0 varying and ρ fixed	4377887	261	1.3	**NS**
Sporulation model				
Common model	2.72×10^{12}	261		
Separate models	1.99×10^{12}	258		
t_1 varying, s and μ fixed	2.32×10^{12}	260	51.7	$> F(0.05, 1, 258)$
s varying, t_1 and μ fixed	2.02×10^{12}	260	91.8	$> F(0.05, 1, 258)$
μ varying, t_1 and s fixed	2.55×10^{12}	260	22.5	$> F(0.05, 1, 258)$
BP6 - Möwe against Désirée				
Growth model				
Common model	4945656	227		
Separate models	3570573	225		
ρ varying and t_0 fixed	4295492	226	20.5	$> F(0.05, 1, 225)$
t_0 varying and ρ fixed	3849033	226	34.6	$> F(0.05, 1, 225)$
Sporulation model				
Common model	3.21×10^{12}	226		
Separate models	3.13×10^{12}	223		
t_1 varying, s and μ fixed	3.17×10^{12}	225	2.5	**NS**
s varying, t_1 and μ fixed	3.20×10^{12}	225	0.2	**NS**
μ varying, t_1 and s fixed	3.15×10^{12}	225	3.7	**NS**