

Supplementary Materials

Table S1. Correlation results among all tested parameters in assay I, respectively using branches and saplings.

ASSAY I, BRANCHES		Lesion area	Inoculum concentration	Final concentration	Alive (0), Dead (1)	Epicormics no (0), yes (1)	Epicormics shoots number	Fruit bodies no (0), yes (1)	Perithecia no (0), yes (1)
Lesion area	Pearson correlation Sig. (2-tailed)	1							
Inoculum concentration	Pearson correlation Sig. (2-tailed)	-0.099 0.579	1						
Final concentration	Pearson correlation Sig. (2-tailed)	-0.098 0.580	0.998 0.0001	1					
Alive (0), Dead (1)	Pearson correlation Sig. (2-tailed)	.* -	.* -	.* -	1				
Epicormics no (0), yes (1)	Pearson correlation Sig. (2-tailed)	0.870 0.0001	-0.062 0.726	-0.062 0.726	.* -	1			
Epicormics shoots number	Pearson correlation Sig. (2-tailed)	0.870 0.0001	-0.062 0.726	-0.062 0.726	.* -	1.000 0.0001	1		
Fruiting bodies no (0), yes (1)	Pearson correlation Sig. (2-tailed)	-0.164 0.353	0.073 0.680	0.075 0.673	.* -	-0.120 0.498	-0.120 0.498	1	
Perithecia no (0), yes (1)	Pearson correlation Sig. (2-tailed)	0.207 0.240	0.282 0.107	0.283 0.105	.* -	-0.164 0.354	-0.164 0.354	0.482 0.004	1
Treatment (isolate) number	Pearson correlation Sig. (2-tailed)	-0.211 0.230	0.127 0.474	0.138 0.435	.* -	-0.216 0.220	-0.216 0.220	0.267 0.127	0.411 0.016
ASSAY I, SAPLINGS		Lesion area	Inoculum concentration	Final concentration	Alive (0), Dead (1)	Epicormics no (0), yes (1)	Epicormics shoots number	Fruit bodies no (0), yes (1)	Perithecia no (0), yes (1)
Lesion area	Pearson correlation Sig. (2-tailed)	1							
Inoculum concentration	Pearson correlation Sig. (2-tailed)	-0.182 0.304	1						
Final concentration	Pearson correlation Sig. (2-tailed)	-0.184 0.298	0.999 0.0001	1					
Alive (0), Dead (1)	Pearson correlation Sig. (2-tailed)	.* -	.* -	.* -	1				
Epicormics no (0), yes (1)	Pearson correlation Sig. (2-tailed)	-0.033 0.243	-0.198 0.261	-0.193 0.274	.* -	1			
Epicormics shoots number	Pearson correlation Sig. (2-tailed)	-0.031 0.862	-0.199 0.260	-0.193 0.274	.* -	0.912 0.0001	1		
Fruiting bodies no (0), yes (1)	Pearson correlation Sig. (2-tailed)	.* -	.* -	.* -	.* -	.* -	.* -	1	
Perithecia no (0), yes (1)	Pearson correlation Sig. (2-tailed)	.* -	.* -	.* -	.* -	.* -	.* -	.* -	1
Treatment (isolate) number	Pearson correlation Sig. (2-tailed)	-0.172 0.331	0.127 0.474	0.141 0.425	.* -	0.301 0.084	0.415 0.015	.* -	.* -
				Negative correlation is significant at the 0.05 level.					
				Positive correlation is significant at the 0.05 level.					

* Cannot be computed because at least one of the variables is constant.

Table S2. Correlation results among all tested parameters in assay number II, respectively using branches and saplings.

ASSAY II, BRANCHES		Lesion area	Inoculum concentration	Final concentration	Alive (0), Dead (1)	Epicormics no (0), yes (1)	Epicormics shoots number	Fruit bodies no (0), yes (1)	Perithecia no (0), yes (1)
Lesion area	Pearson correlation Sig. (2-tailed)	1							
Inoculum concentration	Pearson correlation Sig. (2-tailed)	-0.132 0.626	1						
Final concentration	Pearson correlation Sig. (2-tailed)	-0.132 0.626	1.000 0.0001	1					
Alive (0), Dead (1)	Pearson correlation Sig. (2-tailed)	0.823 0.0001	-0.269 0.314	-0.269 0.314	1				
Epicormics no (0), yes (1)	Pearson correlation Sig. (2-tailed)	-* -	-* -	-* -	-* -	1			
Epicormics shoots number	Pearson correlation Sig. (2-tailed)	-* -	-* -	-* -	-* -	-* -	1		
Fruiting bodies no (0), yes (1)	Pearson correlation Sig. (2-tailed)	0.616 0.011	0.410 0.115	0.410 0.115	0.656 0.006	-* -	-* -	1	
Perithecia no (0), yes (1)	Pearson correlation Sig. (2-tailed)	0.379 0.147	-0.239 0.373	-0.239 0.373	0.234 0.384	-* -	-* -	-0.051 0.851	1
Treatment (donor isolate)	Pearson correlation Sig. (2-tailed)	-0.145 0.592	0.056 0.836	0.056 0.836	-0.252 0.346	-* -	-* -	-0.192 0.475	0.088 0.745
ASSAY II, SAPLINGS		Lesion area	Inoculum concentration	Final concentration	Alive (0), Dead (1)	Epicormics no (0), yes (1)	Epicormics shoots number	Fruit bodies no (0), yes (1)	Perithecia no (0), yes (1)
Lesion area	Pearson correlation Sig. (2-tailed)	1							
Inoculum concentration	Pearson correlation Sig. (2-tailed)	-0.550 0.027	1						
Final concentration	Pearson correlation Sig. (2-tailed)	-0.550 0.027	1.000 0.0001	1					
Alive (0), Dead (1)	Pearson correlation Sig. (2-tailed)	-* -	-* -	-* -	1				
Epicormics no (0), yes (1)	Pearson correlation Sig. (2-tailed)	0.405 0.120	0.013 0.963	0.013 0.963	-* -	1			
Epicormics shoots number	Pearson correlation Sig. (2-tailed)	0.446 0.083	-0.202 0.452	-0.202 0.452	-* -		1		
Fruiting bodies no (0), yes (1)	Pearson correlation Sig. (2-tailed)	-0.009 0.973	0.148 0.584	0.148 0.584	-* -	-0.051 0.851	-0.217 0.419	1	
Perithecia no (0), yes (1)	Pearson correlation Sig. (2-tailed)	-* -	-* -	-* -	-* -	-* -	-* -	-* -	1
Treatment (donor isolate)	Pearson correlation Sig. (2-tailed)	-0.211 0.433	0.056 0.836	0.056 0.836	-* -	0.027 0.919	-0.086 0.753	0.088 0.745	-* -
	Negative correlation is significant at the 0.05 level.								
	Positive correlation is significant at the 0.05 level.								

* Cannot be computed because at least one of the variables is constant.

Table S3. Correlation results among all tested parameters in repeated assay II, using also branches and saplings, targeting certain *C. parasitica* VC-groups.

ASSAY II TARGETED, BRANCHES		Lesion area	Inoculum concentration	Final concentration	Alive (0), Dead (1)	Epicormics no (0), yes (1)	Epicormics shoots number	Fruit bodies no (0), yes (1)	Perithecia no (0), yes (1)
Lesion area	Pearson correlation Sig. (2-tailed)	1							
Inoculum concentration	Pearson correlation Sig. (2-tailed)	-0.205 0.447	1						
Final concentration	Pearson correlation Sig. (2-tailed)	-0.281 0.292	0.912 0.0001	1					
Alive (0), Dead (1)	Pearson correlation Sig. (2-tailed)	0.581 0.018	-0.561 0.024	0.419 0.107	1				
Epicormics no (0), yes (1)	Pearson correlation Sig. (2-tailed)	_* -	_* -	_* -	_* -	1			
Epicormics shoots number	Pearson correlation Sig. (2-tailed)	_* -	_* -	_* -	_* -	_* -	1		
Fruiting bodies no (0), yes (1)	Pearson correlation Sig. (2-tailed)	0.554 0.026	0.687 0.003	0.566 0.022	0.856 0.0001	_* -	_* -	1	
Perithecia no (0), yes (1)	Pearson correlation Sig. (2-tailed)	-0.305 0.251	0.639 0.008	0.484 0.058	0.302 0.256	_* -	_* -	_* -	1
Treatment (donor isolate)	Pearson correlation Sig. (2-tailed)	-0.560 0.024	0.306 0.249	0.273 0.307	-0.132 0.627	_* -	_* -	-0.169 0.531	0.327 0.216
ASSAY II TARGETED, SAPLINGS		Lesion area	Inoculum concentration	Final concentration	Alive (0), Dead (1)	Epicormics no (0), yes (1)	Epicormics shoots number	Fruit bodies no (0), yes (1)	Perithecia no (0), yes (1)
Lesion area	Pearson correlation Sig. (2-tailed)	1							
Inoculum concentration	Pearson correlation Sig. (2-tailed)	1							
Final concentration	Pearson correlation Sig. (2-tailed)	-0.438 0.090	1						
Alive (0), Dead (1)	Pearson correlation Sig. (2-tailed)	-0.347 0.188	0.912 0.0001	1					
Epicormics no (0), yes (1)	Pearson correlation Sig. (2-tailed)	0.627 0.009	-0.133 0.623	0.025 0.928	1				
Epicormics shoots number	Pearson correlation Sig. (2-tailed)	0.051 0.852	-0.223 0.406	-0.132 0.627	_* -	1			
Fruiting bodies no (0), yes (1)	Pearson correlation Sig. (2-tailed)	0.499 0.049	-0.221 0.411	-0.056 0.837	-0.577 0.019	_* -	1		
Perithecia no (0), yes (1)	Pearson correlation Sig. (2-tailed)	_* -	_* -	_* -	_* -	_* -	_* -	1	
Treatment (donor isolate)	Pearson correlation Sig. (2-tailed)	0.326 0.218	0.306 0.249	0.273 0.307	0.109 0.688	0.252 0.346	0.601 0.014	_* -	1
	Negative correlation is significant at the 0.05 level.								
	Positive correlation is significant at the 0.05 level.								