

Table S4. Factors in the full and reduced models with mycorrhization as response variable. The stepAIC command implemented in R was used to find the reduced models. Values are given for models with the two hosts combined as well as for each host separately. Significance level ≤ 0.05 ; ***, $0 \leq p \leq 0.001$; **, $0.001 < p \leq 0.01$; *, $0.01 < p \leq 0.05$

Both Hosts

<i>Full Model</i>	Factors	Df	Sum Sq	Mean Sq	F value	Pr(>F)
	PAC strain	4	0.71	0.1771	0.1471	0.9641855
	Temperature	1	31.15	31.1529	25.8725	6.82E-07 ***
	Block	1	16.71	16.7115	13.8789	0.0002373 ***
	Host	1	0.23	0.2321	0.1928	0.6609801
	PAC strain:Temperature	4	1.13	0.2813	0.2336	0.9192941
	PAC strain:Block	4	0.58	0.1458	0.1211	0.974871
	Temperature:Block	1	19.09	19.0882	15.8528	8.80E-05 ***
	PAC strain:Host	4	1.35	0.3378	0.2806	0.890443
	Temperature:Host	1	0.05	0.0508	0.0422	0.8373804
	Block:Host	1	1.09	1.0915	0.9065	0.3419002
	PAC strain:Temperature:Block	4	0.06	0.0151	0.0125	0.9996896
	PAC strain:Temperature:Host	4	0.76	0.1907	0.1583	0.9591014
	PAC strain:Block:Host	4	1.36	0.3409	0.2831	0.8888097
	Temperature:Block:Host	1	0.55	0.5511	0.4577	0.4992826
	Residuals	271	326.31	1.2041		

<i>Reduced Model</i>	Factors	Df	Sum Sq	Mean Sq	F value	Pr(>F)
	Temperature	1	3.12E+01	31.1834	28.444	1.88E-07 ***
	Block	1	16.43	16.4318	14.988	0.0001322 ***
	Temperature:Block	1	1.84E+01	18.4401	16.82	5.27E-05 ***
	Residuals	156	1.49E+02	0.9538		

Douglas-Fir

<i>Full Model</i>	Factors	Df	Sum Sq	Mean Sq	F value	Pr(>F)
	PAC strain	4	1.82	0.4549	0.3272	0.85931
	Temperature	1	15.454	15.4541	11.1146	0.001114 **
	Block	1	3.941	3.9406	2.8341	0.094665 .
	PAC strain:Temperature	4	1.023	0.2558	0.184	0.946375
	PAC strain:Block	4	1.306	0.3266	0.2349	0.918283
	Temperature:Block	1	5.892	5.8918	4.2374	0.041525 *
	PAC strain:Temperature:Block	4	0.603	0.1508	0.1085	0.979383
	Residuals	131	182.146	1.3904		

<i>Reduced Model</i>	Factors	Df	Sum Sq	Mean Sq	F value	Pr(>F)
	Temperature	1	15.678	15.6782	12.065	0.0006742 ***
	Block	1	4.177	4.1767	3.214	0.0750523 .
	Residuals	148	192.331	1.2995		

Picea

<i>Full Model</i>	Factors	Df	Sum Sq	Mean Sq	F value	Pr(>F)
	PAC strain	4	1.063	0.2656	0.258	0.9043894
	Temperature	1	15.625	15.625	15.1738	0.0001513 ***
	Block	1	13.715	13.7155	13.3195	0.0003699 ***
	PAC strain:Temperature	4	1.262	0.3155	0.3064	0.8733209
	PAC strain:Block	4	0.74	0.1849	0.1796	0.9486547
	Temperature:Block	1	12.886	12.8865	12.5144	0.0005483 ***
	PAC strain:Temperature:Block	4	0.921	0.2303	0.2237	0.9248217
	Residuals					

<i>Reduced Model</i>	Factors	Df	Sum Sq	Mean Sq	F value	Pr(>F)
	Temperature	1	15.625	15.625	16.382	8.13E-05 ***
	Block	1	13.535	13.5352	14.191	0.0002337 ***
	Temperature:Block	1	12.42	12.4203	13.022	0.0004142 ***
	Residuals	156	148.795	0.9538		