Supplementary File :

Laminariales Host Does Impact Lipid Temperature Trajectories of the Fungal Endophyte Paradendryphiella salina (Sutherland.)

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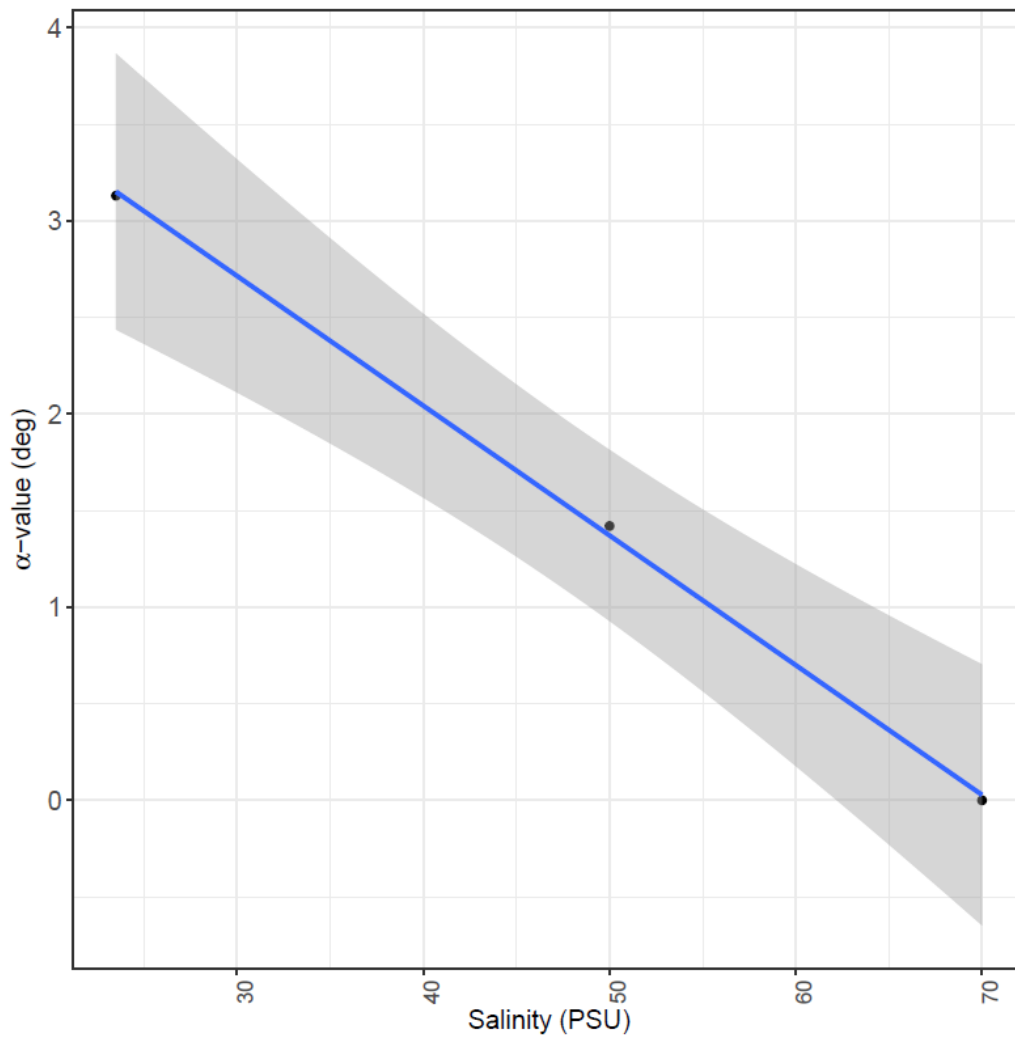**‡** These authors contributed equally to this work

Figure S1. Angle *a* (in degree) between FAI18-C regression curves as a function of salinity. *a*-value. represents the degree of influence of host-algae in the adaptation of P. salina to temperature. Adjusted $R^2 = 0.9985$, F = 1362 on 1 and 1 d f , p = 0.01725. The grey area represents the confidence interval.
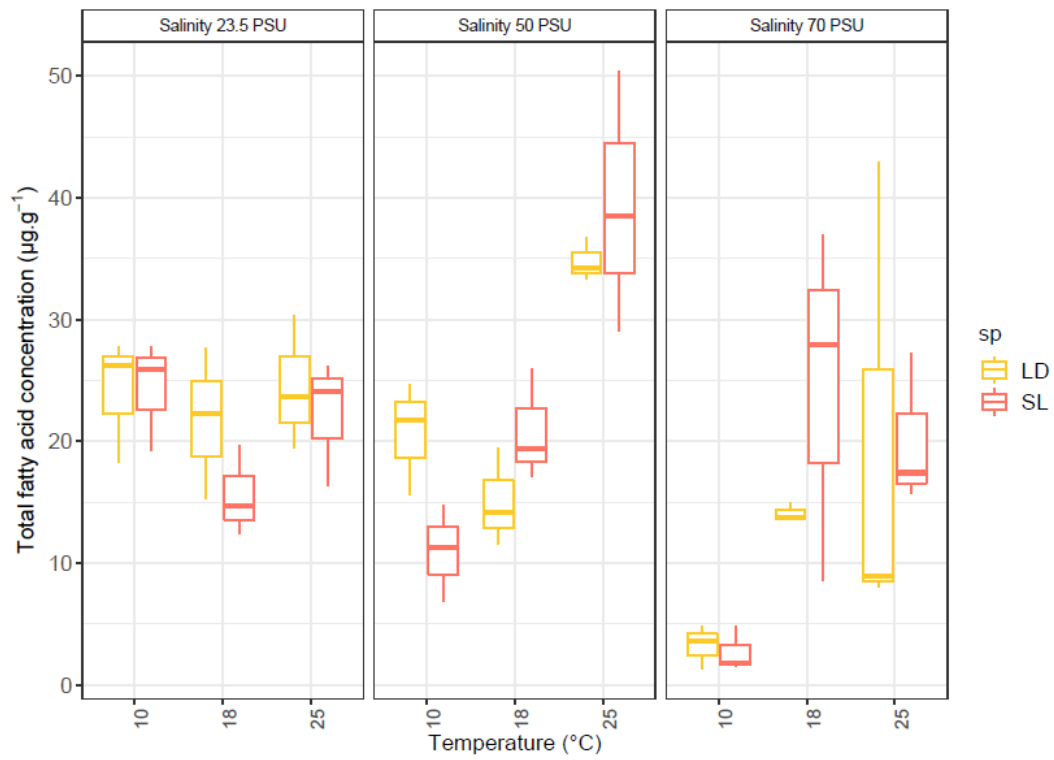
Figure S2. Total fatty acid concentrations of P. salina isolated from L. digitata (LD) or S. latissima (SL).grown at different salinities (23.5, 50 and 70 PSU) and different temperatures (10, 18 and 25 °C):