

**Data S1.** Statistical analysis to support conclusions in Figure S4. Bold type indicates significances at  $\alpha = 0.05$ . Comparison 1: Differences between genotypes that showed different responses of *L. zosterae* intensity to warming in elevated treatment. Positive change indicates greater abundance in genotypes that showed increased *L. zosterae* intensity under warming, negative change indicates greater abundance in genotypes that showed decreased *L. zosterae* intensity under warming. Comparison 2: Differences between genotypes that showed different responses of *L. zosterae* intensity to warming in ambient treatment. Positive change indicates greater abundance in genotypes that showed increased *L. zosterae* intensity under warming, negative change indicates greater abundance in genotypes that showed decreased *L. zosterae* intensity under warming. Comparison 3: Differences between temperature treatments in genotypes that showed increased *L. zosterae* intensity under warming. Positive change indicates greater abundance at elevated temperature, negative change indicates greater abundance at ambient temperature. Comparison 4: Differences between temperature treatments in genotypes that showed decreased *L. zosterae* intensity under warming. Positive change indicates greater abundance at elevated temperature, negative change indicates greater abundance at ambient temperature. Comparison 5: Differences between temperature treatments. Positive change indicates greater abundance at elevated temperature, negative change indicate.