

Article

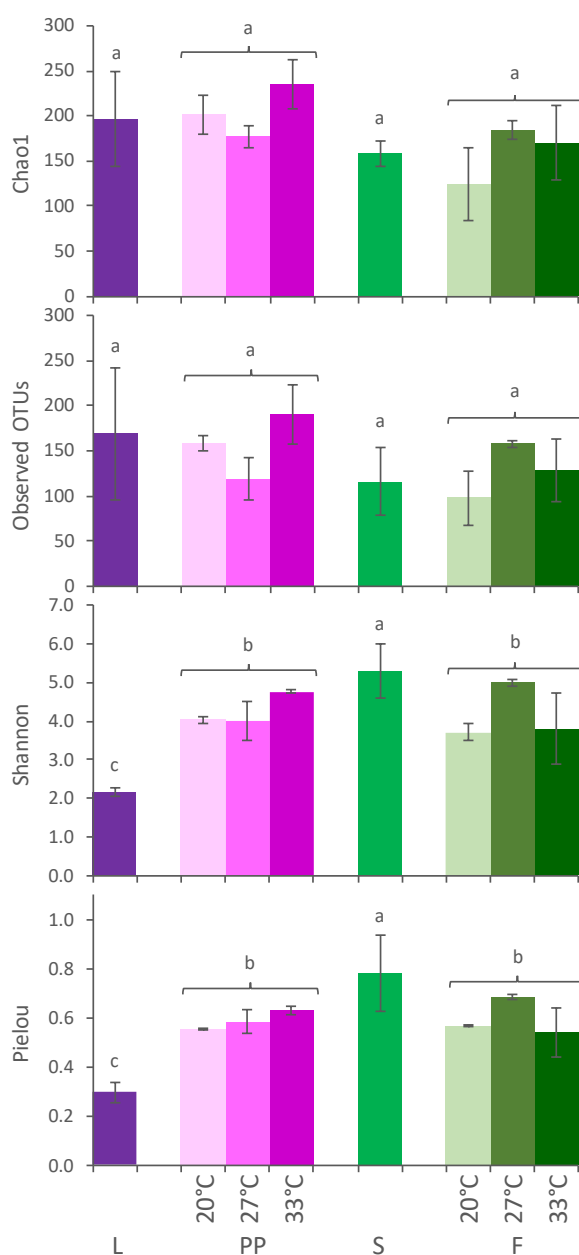
# Effect of rearing temperature on growth and microbiota composition of *Hermetia illucens*

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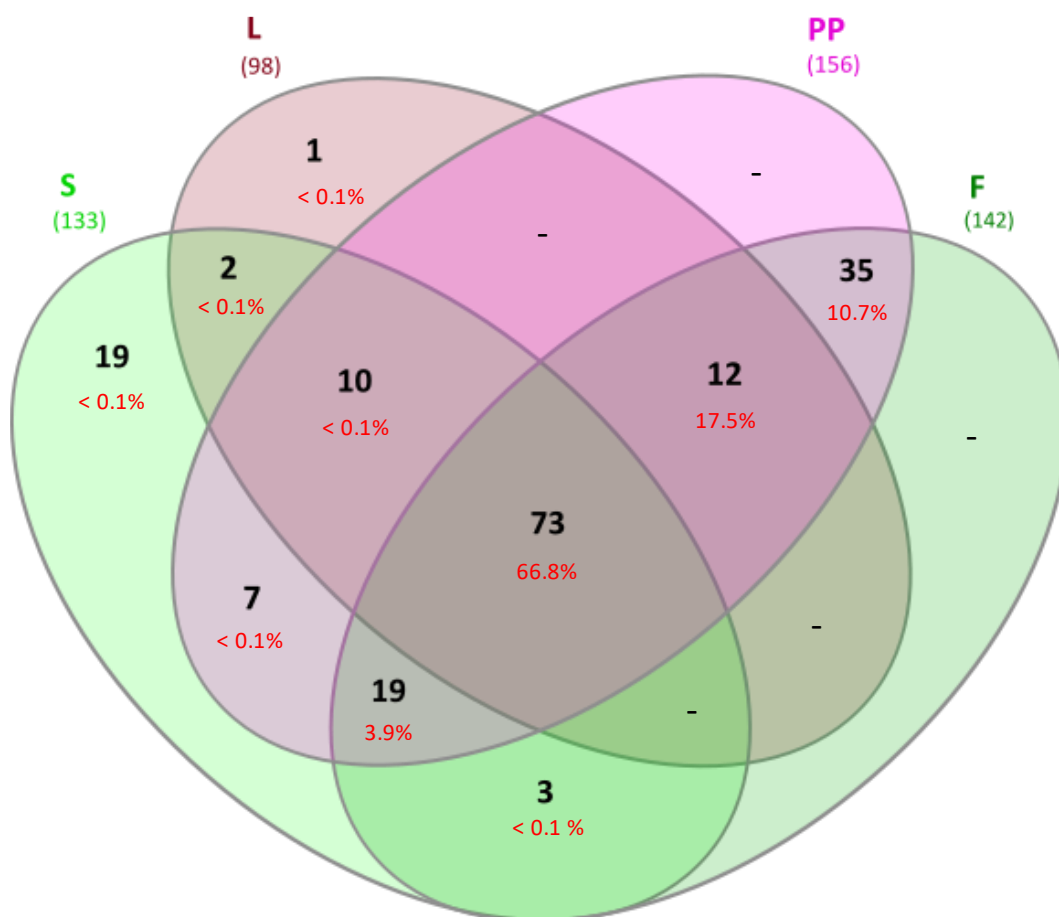
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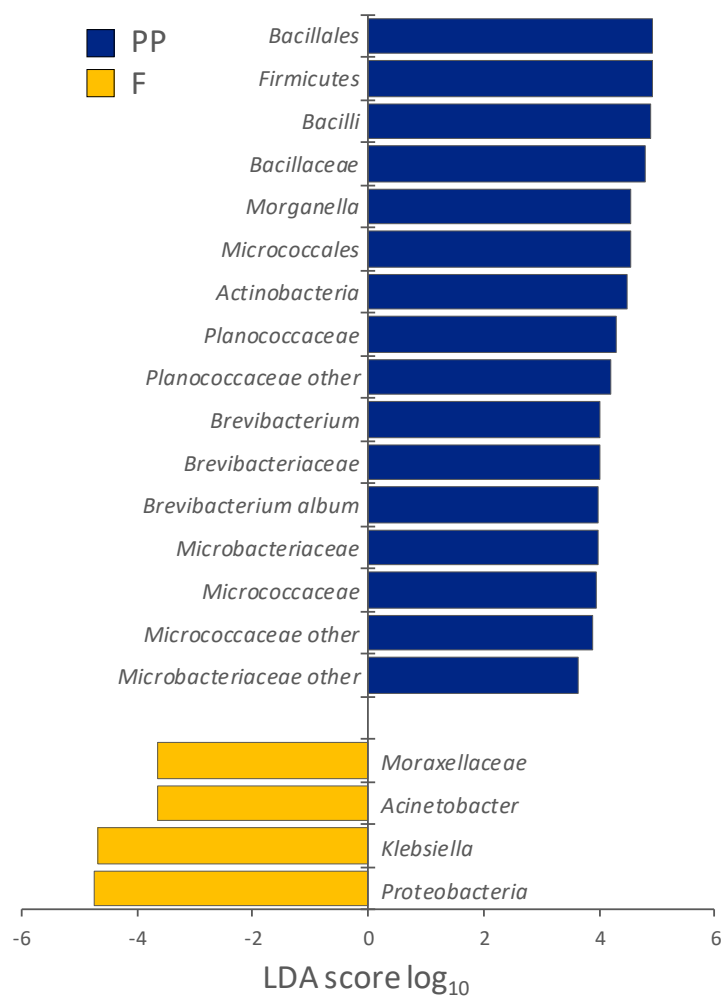
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**Supplementary Figure S1.** Alpha diversity metrics of the microbiota in L, PP, S, and F. Groups significance: within each panel, values sharing the same letter do not significantly differ (Kruskal-Wallis,  $P > 0.05$ ); PP and F were grouped regardless of the rearing temperature.



**Supplementary Figure S2.** Distribution in the main 181 OTUs (accounting for more than 0.2% in at least one sample) in L, PP, S, and F samples. For each intersection, the number of OTUs and the percentage relative to the total reads are reported in black and red, respectively.



**Supplementary Figure S3.** LEfSe analysis of taxonomic features differentiating F and PP (both n = 6), regardless of the growth temperature. The plot reports LDA logarithmic scores of taxonomic biomarkers exhibiting significant differential abundance ( $P < 0.05$ , logarithmic LDA logarithmic score  $\geq 2.0$ ) and appearing at least once with abundance  $> 2.0\%$ .