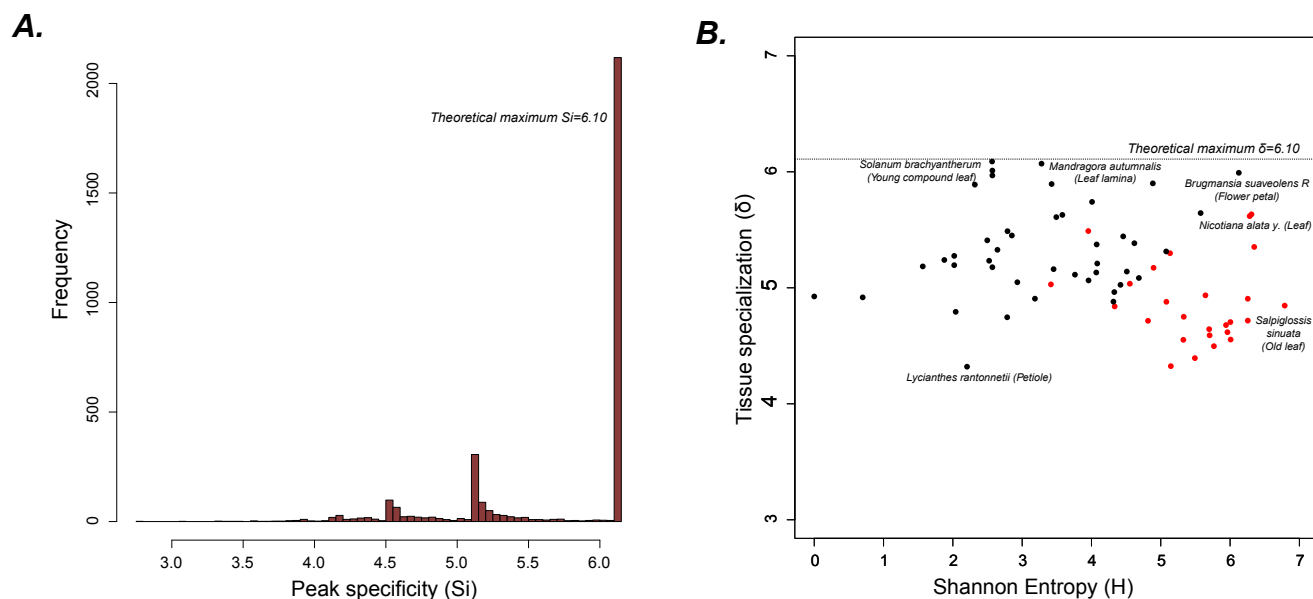


## Figure 1-Figure Supplement 5



**Figure 1-Figure Supplement 5: Peak and tissue specialization** (A) As shown in Figure 1G, the peaks are largely limited to single samples. Hence, the peak specificity ( $S_i$ ) is at the theoretical maximum. (B) A plot of tissue specialization vs Shannon Entropy shows that in general, tissue specialization is quite high, consistent with the results in Figure 1G. However, acylsugar producing species (red dots) have a slightly lower specialization than non-producers likely because overall, more peaks are shared between acylsugar producing species than non-producers, as can be seen in Source Data 4.