



**Figure S3: K-mer comparison between the Illumina reads and the rPodLil1.2 assembly.** Stacked histogram of k-mer distributions obtained by comparing the assembly with Merqury v1.1 using  $k=21$  on the 10X Illumina reads. Artificial duplications corresponding to duplicate k-mers are shown in blue above the main peak ( $\sim 40x$ ). They only account for 0.68% of the k-mers.