

Figure S2**GC content distribution of *S. sclerotiorum*, *B. cinerea*, and other representative Pezizomycotina fungi.**

Percent GC for 10kb windows is plotted on the x-axis, and percent of all genome windows for each GC bin is plotted on the y-axis. *S. sclerotiorum* (Ss), *B. cinerea* (Bc) and *Blumeria graminis* (Bg) show a shifted lower %GC profile compared to the rest of these genomes. Other genomes shown are *Aspergillus niger* (An), *Pyrenophora teres f. teres* (Pter), *Magnaporthe oryzae* (Mo), *Neurospora crassa* (Nc), *Gibberella zeae* (Gz), and *Phaeosphaeria nodorum* (Pn). *N. crassa* (Nc) is unique in displaying a bimodal distribution of %GC.

