



**Figure S4. Clusters of copy number variants in switchgrass.** The number of clusters of total, up-, and down-copy number variants (CNV) for seven switchgrass genotypes, including three lowland (A5, SG5-1 and W4) and four upland ecotypes (Car1, She2, Tr5 and P2). The total number of clusters for each genotype is listed at the top of the bar.