



**S24 Figure. Genetic load in the subgenomes of *C. bursa-pastoris* and its parental species for species-specific mutations.** The proportion of deleterious nonsynonymous changes was estimated with SIFT4G on species-specific mutations that are unique alleles for *C. orientalis*, *C. grandiflora* and the two subgenomes of *C. bursa-pastoris*. The left plot shows the results obtained with *C. rubella* database, the right plot was obtained with *A. thaliana* database. Co and Cg are the two subgenomes of *C. bursa-pastoris*. ASI, EUR, ME, CO, CG indicate Asian, European and Middle Eastern populations of *C. bursa-pastoris*, and parental species *C. orientalis* and *C. grandiflora*, respectively.