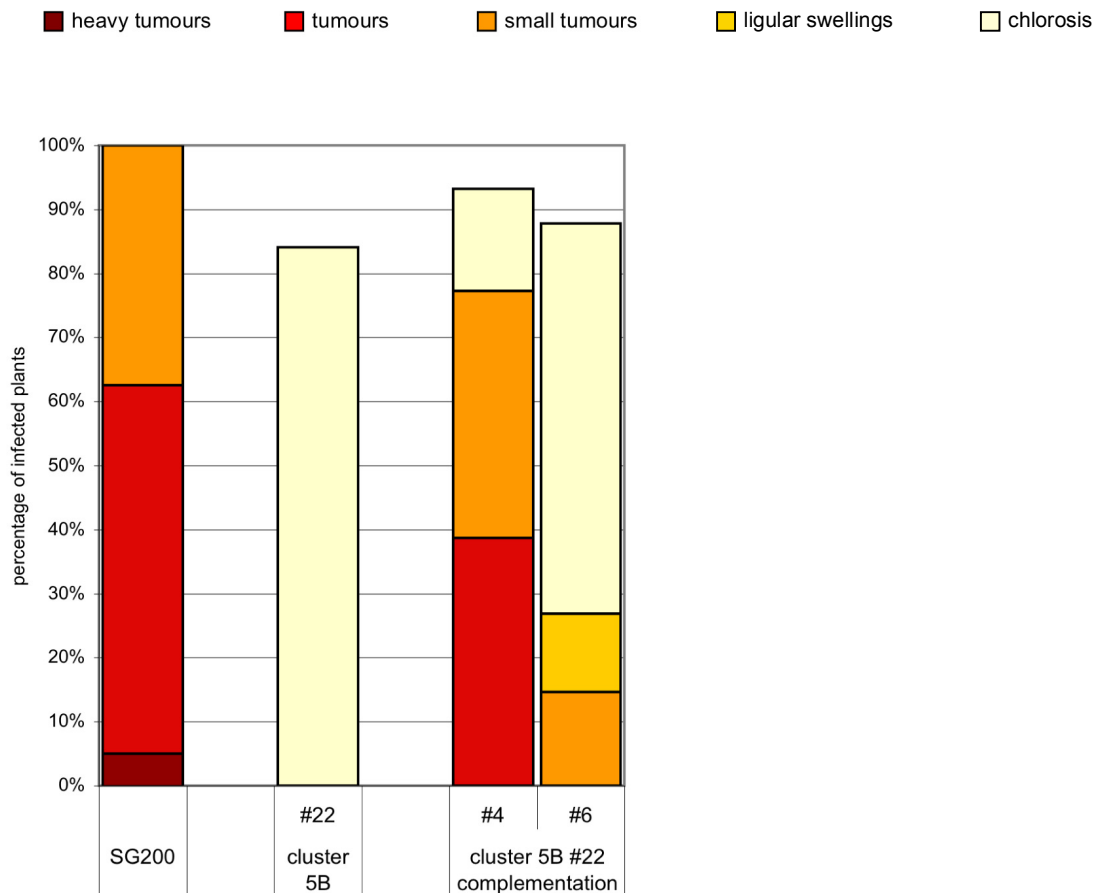


Supplementary Figure S4: Complementation of cluster deletion mutant 5B.



Cluster mutant 5B was complemented by transformation with the following construct: the genomic region in between ORFs um02472 and um02476 was amplified by PCR, introducing individual *Sfi*I sites at the ends. This fragment was ligated to the 3' and 5' halves of the *cbx* allele conferring resistance to carboxin. The ligated product (containing all three genes of the cluster, including their promoter and terminator regions) was PCR-amplified and used for transformation of cluster mutant 5B#22. Successful integration of the entire cluster as well as the presence of the original cluster deletion was verified by PCR. Two independent strains meeting these criteria were identified, and used for plant inoculations. Infection and disease ratings were as described in Suppl. Figure S3. The differences in complementation efficiency in the two transformants #4 and #6 was apparently caused by differences in the integration event or copy number, as demonstrated by Southern analysis.