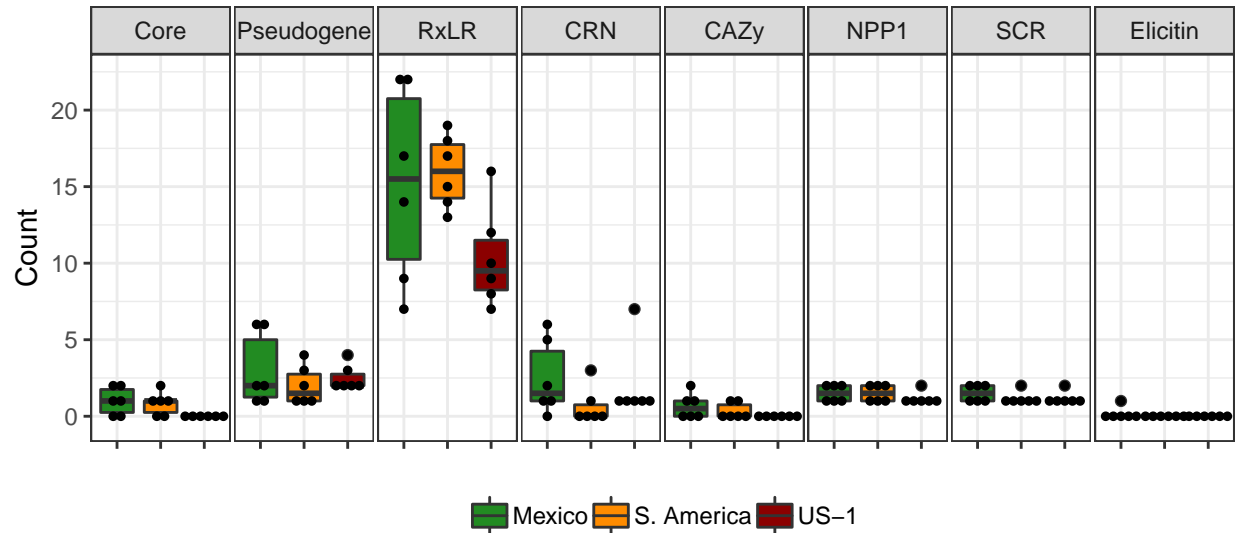


## Text S5. Gene loss categories

Gene loss, relative to T30-4, was more frequent in RxLR genes and was more frequent in Mexican isolates (sexually reproducing) than US-1 isolates (clonally reproducing). Core orthologous genes had among the lowest count of lost genes for Mexican, South American, and US-1 isolates. RxLR effector genes had the highest number of gene losses with Mexican isolates having a similar number of losses as South American isolates and US-1 isolates had a non-significantly lower number of gene losses.



Supplemental item 7. Number of gene losses observed in *P. infestans*, based on a breadth of coverage of zero, for annotated categories of genes.