



Fig S2. Phenotypes of *P. infestans* on TSHs at 12 and 24 hpi

Comparisons of *P. infestans* infection on the leaves of TSHs were confirmed by microscopic observation at 12 and 24 hour post inoculation (hpi). At 12 hpi, *P. infestans* infection was observed in cells of the TSH. Young hyphae broadly spread on the leaves of TSHs, *N. benthamiana* showed the fewest hypha compared to *S. tuberosum* and *S. lycopersicum* at 24 hpi. More numbers of hyphae were microscopically observed on TSHs' leaves by microscopic observation compare to 12 hpi.