



DNA and RNA technology in soil biodiversity

Lily Pereg

University of New England, School of Science and Technology, Armidale, Australia (lperegge@une.edu.au)

DNA technology has come a long way and state of the art techniques are currently used in the analysis of soil biodiversity. Current methods will be presented and their strengths and limitations discussed. RNA technology, for the study of gene expression and potential activity of functional groups in the soil, is lagging behind, mostly due to the difficulties of extracting stable RNA from the soil. The potentials and challenges of adopting RNA technology for soil analysis will be discussed.