



Additional file 2 – Image showing TMV-induced systemic symptoms of TMV on non-transgenic, control transgenic and *MtRDR1*-transgenic *N. benthamiana* Non-transgenic (NT) *Nicotiana benthamiana* plants, plants transformed with an ‘empty’ transformation vector (Control) and transgenic lines constitutively expressing *MtRDR1* (35S:*MtRDR1*: Reference 22) were inoculated with with TMV U1 strain (0.05ug/ml) and photographed four weeks later. Mock-inoculated NT plants are shown for comparison. The scale bar is 8 cm.