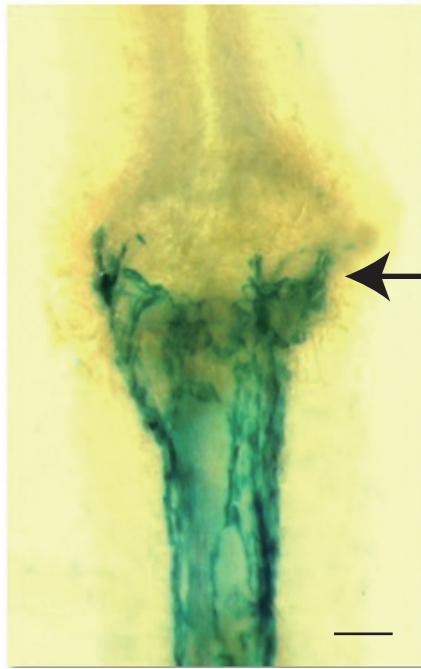




Additinal file 6 Turbulent structure of phloem line at graft junction of *N. benthamiana*. The wild type plant were grafted on CoYMV:GUS transgenic plant by micro-grafting technique. After 2 weeks, the phloem confugation was observed by GUS staining. Bar indicates 1 mm.