

Fig.S1

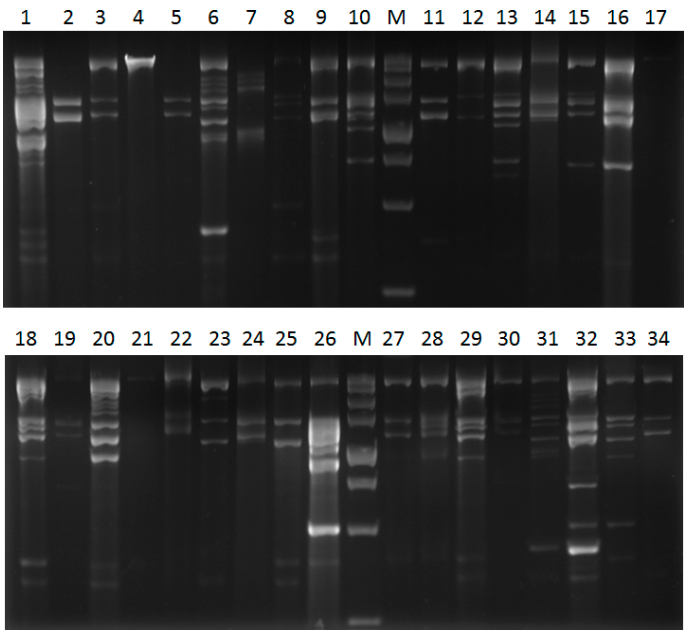


Fig.S1. (A) The electrophoretic banding patterns of dsRNA elements extracted from 34 *Ustilago virens* strains analyzed by 1% agarose gel. The numbers at the top of each lane indicated the names of these *U. virens* strains. Lanes: 1-34: Uv10; FYD1201;F11-33; F10-325;F10-54; FNH1212;F10-341; F10-340; F10-56; F10-80; F10-336; N10-2; Fyj1236; F10-60; F10-55; F10-81; F10-87; F10-331; FNH1206; FNH1225; SM03; F10-69; F10-49; SM02; 0901; Uv11; F10-315; F10-15; F10-338; F10-332; Fyd1202; F-09-3; F-09-1; SM. Lanes M means the 5 Kbp ladder DNA marker.

Fig.S2

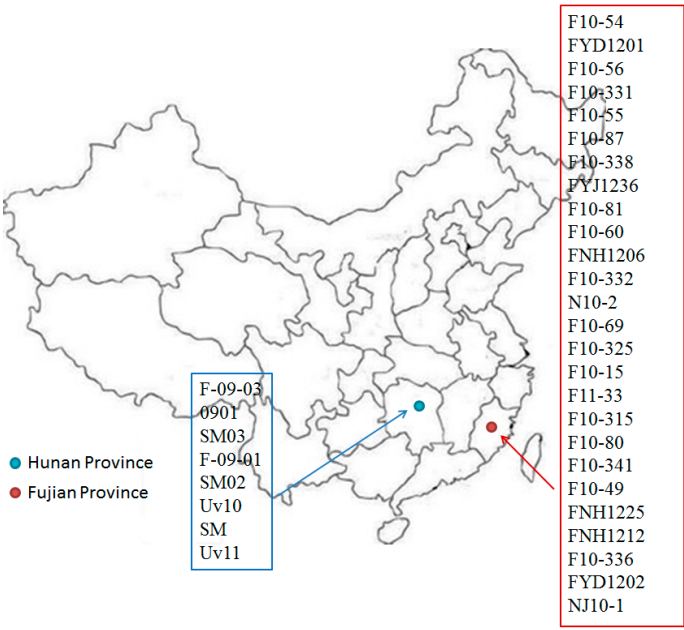


Fig.S2. Locations for collection of the *U. virens* strains. The strains were isolated from Hunan and Fujian province in china.