

## Supplementary Material

Table S1. Soil characteristics: soil organic carbon (SOC), pH, particle size distribution (clay, silt and sand) of Lou and loessial soil from the Loess Plateau.

	SOC (g kg <sup>-1</sup> )	pH	Clay (%)	Silt (%)	Sand (%)
Lou soil	5.3 ± 0.2	8.4 ± 0.02	30.5 ± 0.5	62.5 ± 0.6	7.1 ± 0.1
loessial soil	8.6 ± 0.2	8.0 ± 0.1	27.7 ± 0.2	62.5 ± 0.4	9.9 ± 0.4