



Supplementary Figure 1 Daily transpiration of two pearl millet test cross hybrids of parental lines PRLT2/89-33 (tolerant), H77/833-2 (sensitive), their NILs ICMH 1046, ICMH 1029 (a) and 863B (tolerant), 841B (sensitive) parental lines of a mapping population (c) grown under well watered (WW) and water stress (WS) conditions i.e. 0.3 FTSW (fraction of transpirable soil water) after flowering. NTR (normalized transpiration ratio) of these parental lines PRLT2/89-33 (tolerant), H77/833-2 (sensitive), their NILs ICMH 1046, ICMH 1029 (b) and 863B (tolerant), 841B (sensitive) (d) at 0.3 FTSW. Each data point represents NTR at each day after flowering.