

**Figure S2.**Water potential (MPa) *versus* time relative to rewatering (t = 0 h, *i.e.* the rewatering time) in re-watered *Vitis vinifera* plant, measured by stem psychrometer (A) and bagged leaf using pressure chamber ( $\Psi_{leaf}$ , A and B). **B.** After final scan, water potential was slightly negative on bagged leaf using pressure chamber ( $\Psi_{leaf}$ ), and at the apex (*via* pressure transducer, black line), and positive at the base (dotted line).