



Figure 7. Proposed model of the callose synthase complex at the cell plate. *Arabidopsis* CalS1 contains 16 predicted transmembrane domains and utilizes UDP-glucose transferase (UGT1) for substrate binding. UGT1 interacts with phragmoplastin (Phr) and Rho-like GTPase (Rop) (Hong et al., 2001a; 2001b). Sucrose synthase (SuSy) and annexin (ANN) may also be part of the CaS complex (Andrawis et al. 1993; Shin and Brown 1999).