

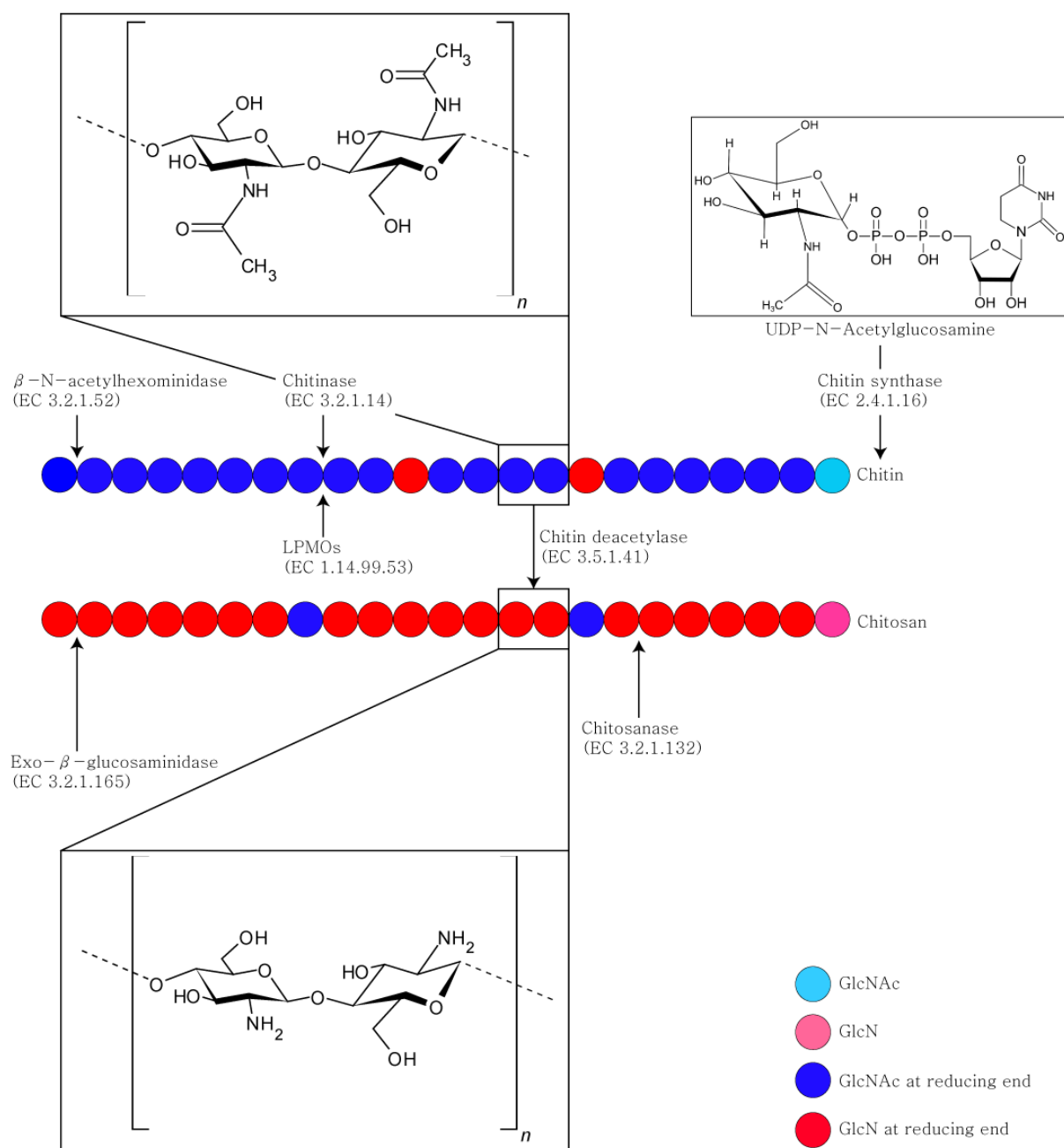


Fig. S1. Chemical structure of chitin, chitosan, and chitin-related enzymes. Chitin and chitosan are composed of two units in different proportions. Seven representative chitin-related enzymes, classified in the CAZy database (Lombard *et al.*, 2014), are shown.