

Figure S1. Monosaccharide analysis of the RP-HPLC purified tobacco d[AO]<sub>51</sub>:GalT reaction product (Panel A) and the Arabidopsis [AO]<sub>7</sub>:GalT reaction product (Panel B). The [<sup>14</sup>C]-labeled monosaccharides were analyzed by High-Performance Anion-Exchange Chromatography (HPAEC) on a CarboPac PA-10 column. Elution times of monosaccharide standards are as indicated with arrows at the top.

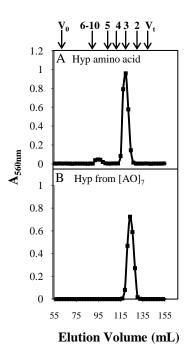


Figure S2. Bio-gel P2 fractionation of free Hyp amino acid (Panel A) or Hyp amino acid produced following base hydrolysis of the [AO]<sub>7</sub> acceptor substrate (Panel B). The column was calibrated as described in Fig. 4.