Supplementary Material

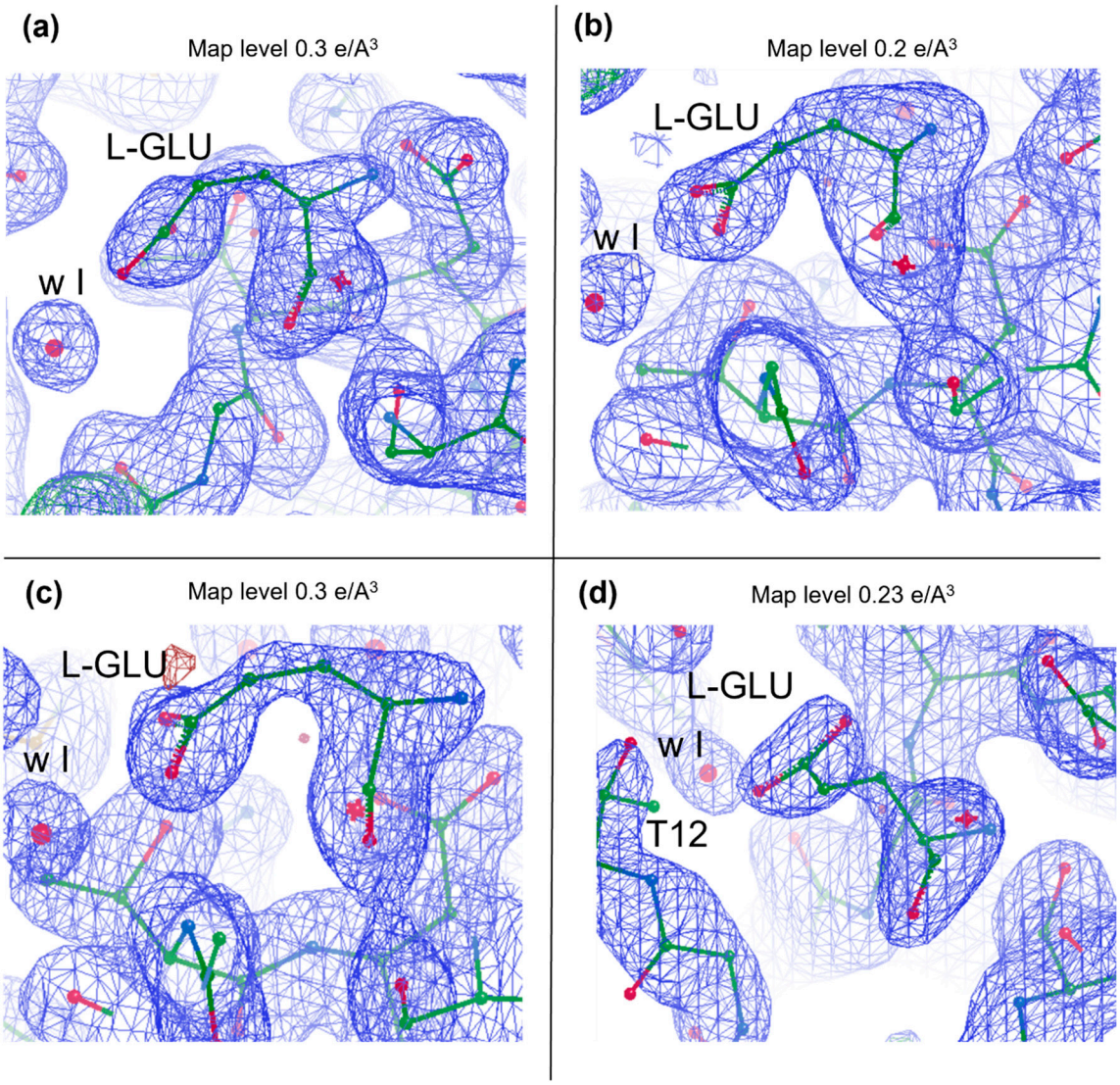


Figure S1. N24S-GLU (PDB ID: 7R5Q) electron density map of the 4 L-GLU molecules in each of the ASU protomers. (**a**) protomer A, (**b**) protomer B, (**c**) protomer C, (**d**) protomer D. L-GLU, catalytic water I (w I) and T12 (modelled only in protomer D) are labelled. Orientation of the maps was chosen to favour the visualization of the L-GLU product electron density.