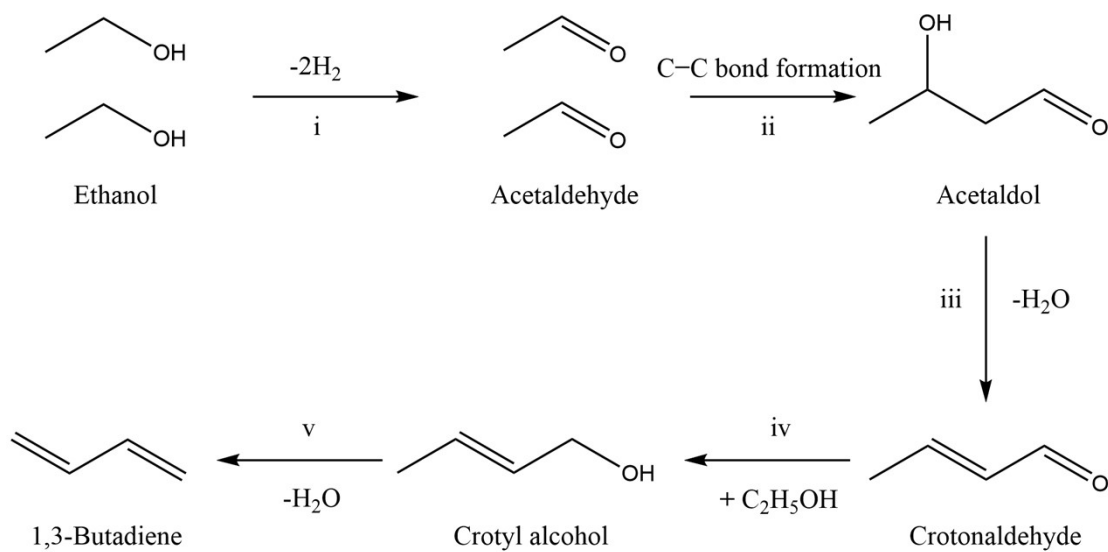


Supporting Information



Scheme S1 mechanism for the conversion of ethanol to butadiene

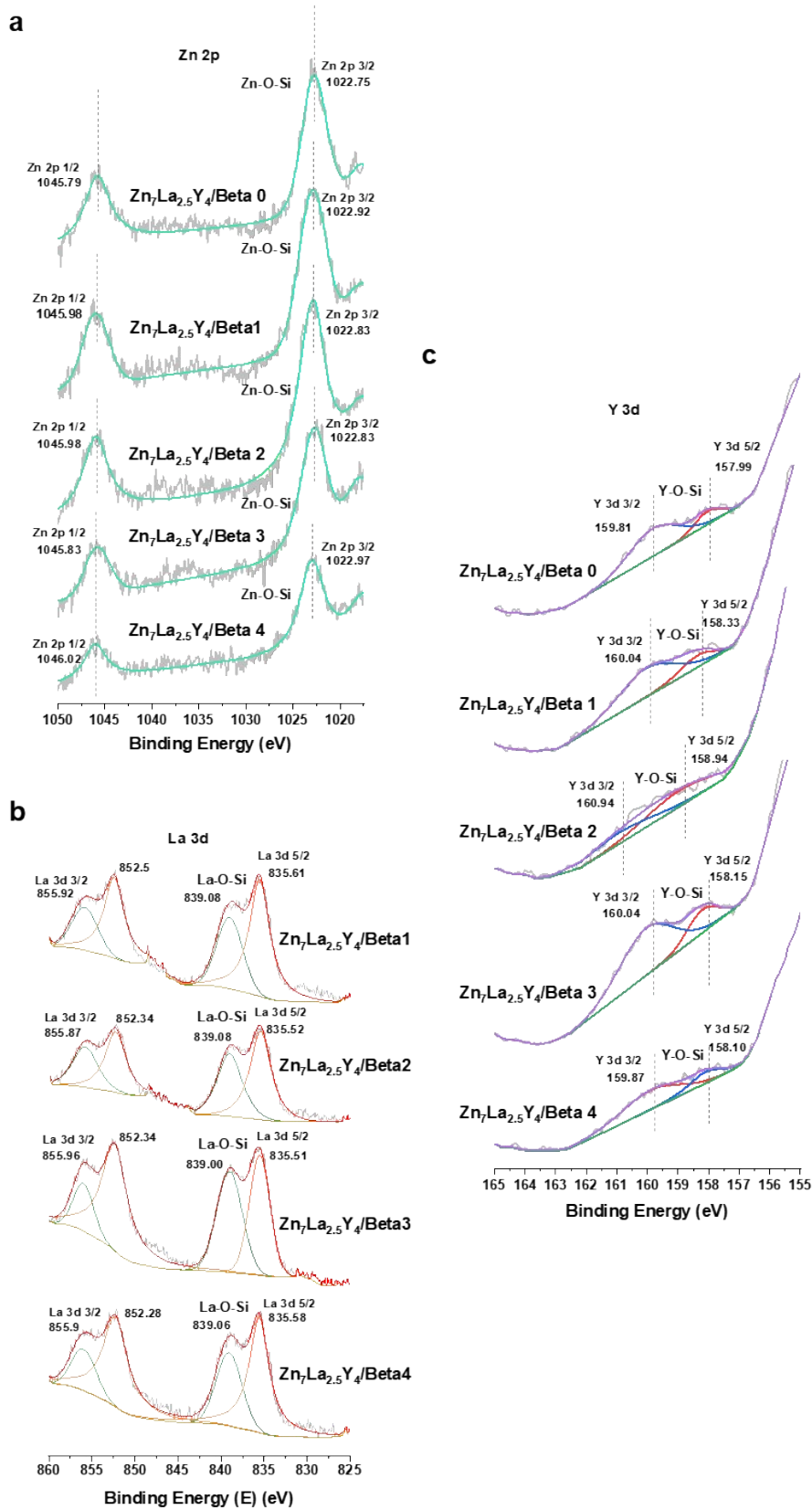


Fig. S1 the XP spectra of all ZnLaY/Beta catalysts