

Supplementary Data

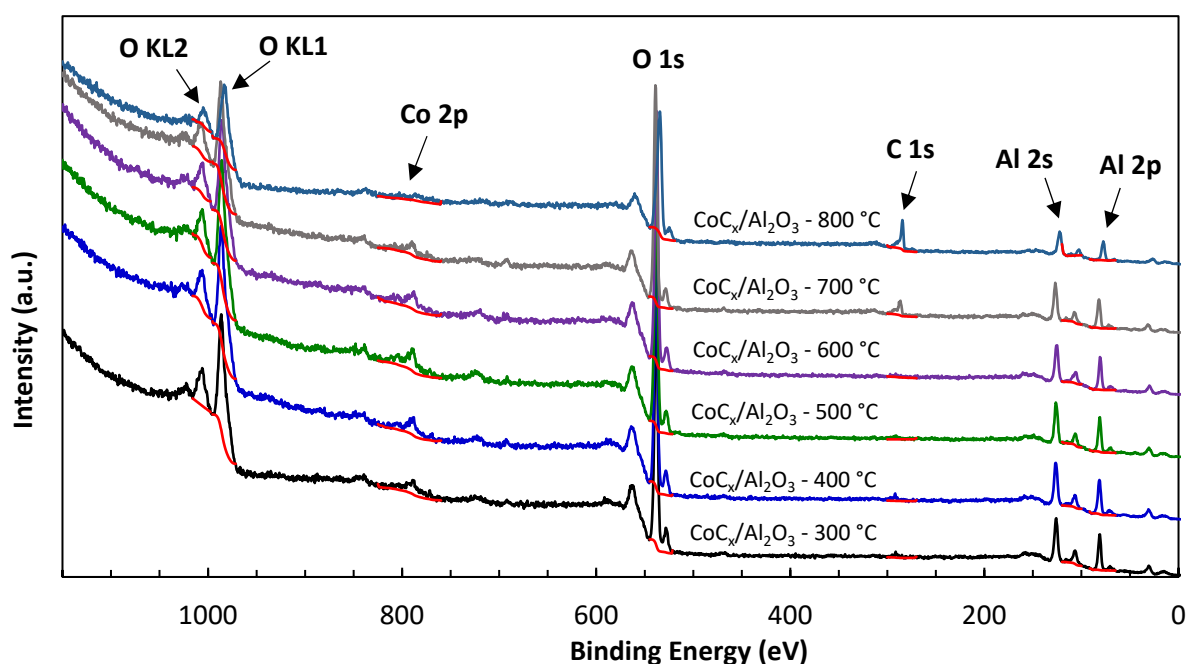
# Catalytic Performance of Alumina-Supported Cobalt Carbide Catalysts for Low-Temperature Fischer–Tropsch Synthesis

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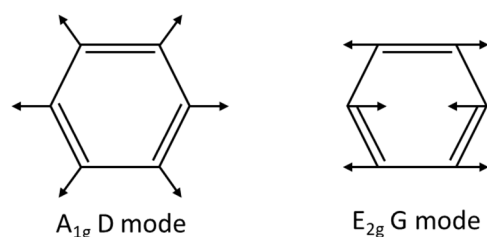
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**Figure S1.** Survey XPS spectra scan of carbide catalysts.



**Figure S2.** Carbon motions in the D and G modes [45].