

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Primers used in this study.

File Name: Supplementary Data 2

Description: Gaussian optimized geometry for reactant complex (RC).

File Name: Supplementary Data 3

Description: Gaussian optimized geometry for transition state (TS).

File Name: Supplementary Data 4

Description: Gaussian optimized geometry for product complex (PC).