## **Supporting Information**

## CO oxidation catalyzed by the single Co atom embedded

## hexagonal boron nitride nanosheet: a DFT-D study

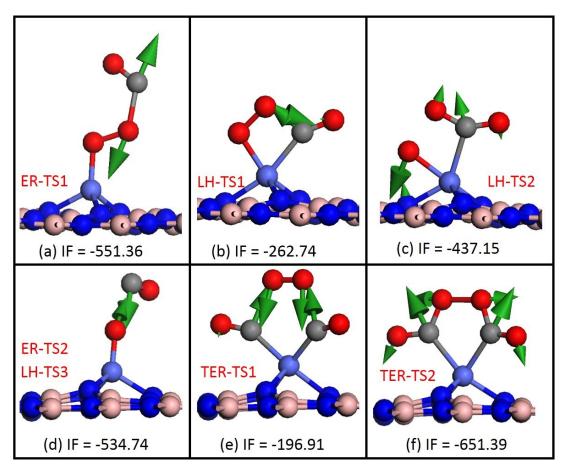
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**Fig. S1**. The imaginary frequency (IF) values and vibration directions of transition states structures in ER, LH and TER mechanism.

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