Supplementary information

## Insight into the role of structural promoter (Ba) in three-way catalyst Pd/CeO<sub>2</sub>-ZrO<sub>2</sub> using in situ DRIFTS

Linyan Yang, Xue Yang, Siyu Lin, Renxian Zhou\* Institute of Catalysis, Zhejiang University, Hangzhou 310028, China



Fig. S1. BJH pore-size distribution of fresh (A) and aged (B) catalysts.



**Fig. S2.** In situ DRIFTS spectra over Pd/CZB3 (A) and Pd/CZB9 (B) catalysts under simulated reaction condition.