## **Supplementary Information**

## DFT study on the Reaction Mechanism of the Ring Closing

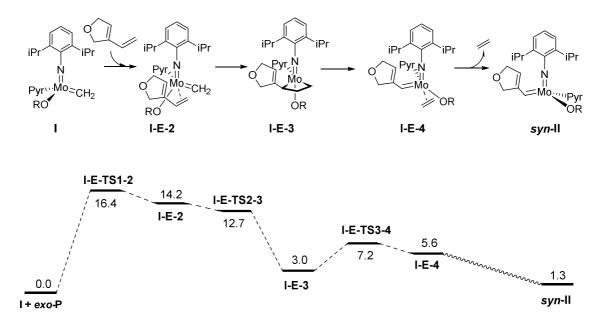
## Enyne Metathesis (RCEYM) Catalyzed by Molybdenum

## Alkylidene complexes

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**Figure S1.** Gibbs energy profile (based on  $G_{gp} + \Delta G_{solv} + D$  in kcal mol<sup>-1</sup>) for the I to II convertion through reaction of alkylidene I with *exo-P* product.