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## Electronic Supplementary Information for:

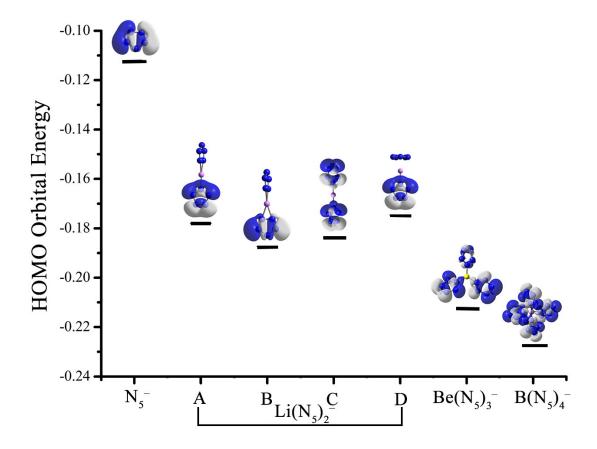
## Theoretical characterization of a series of $N_5$ -based aromatic hyperhalogen anions

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**Fig. S1** The HOMO orbital energies of  $N_5^-$  and  $M(N_5)_{k+1}^-$  (M = Li, Be, and B) anions.



**Fig. S2**. Equilibrium structures of the  $M(N_5)_k$  (M = Li, Be, and B) and  $M_2(N_5)_{2k}$  (M = Li and Be) clusters at the B3LYP/6-311+G(3df) level.

