

Supporting Information

Electronic and magnetic properties of the Janus MoSSe/WSSe superlattice nanoribbon: A First-Principles Study

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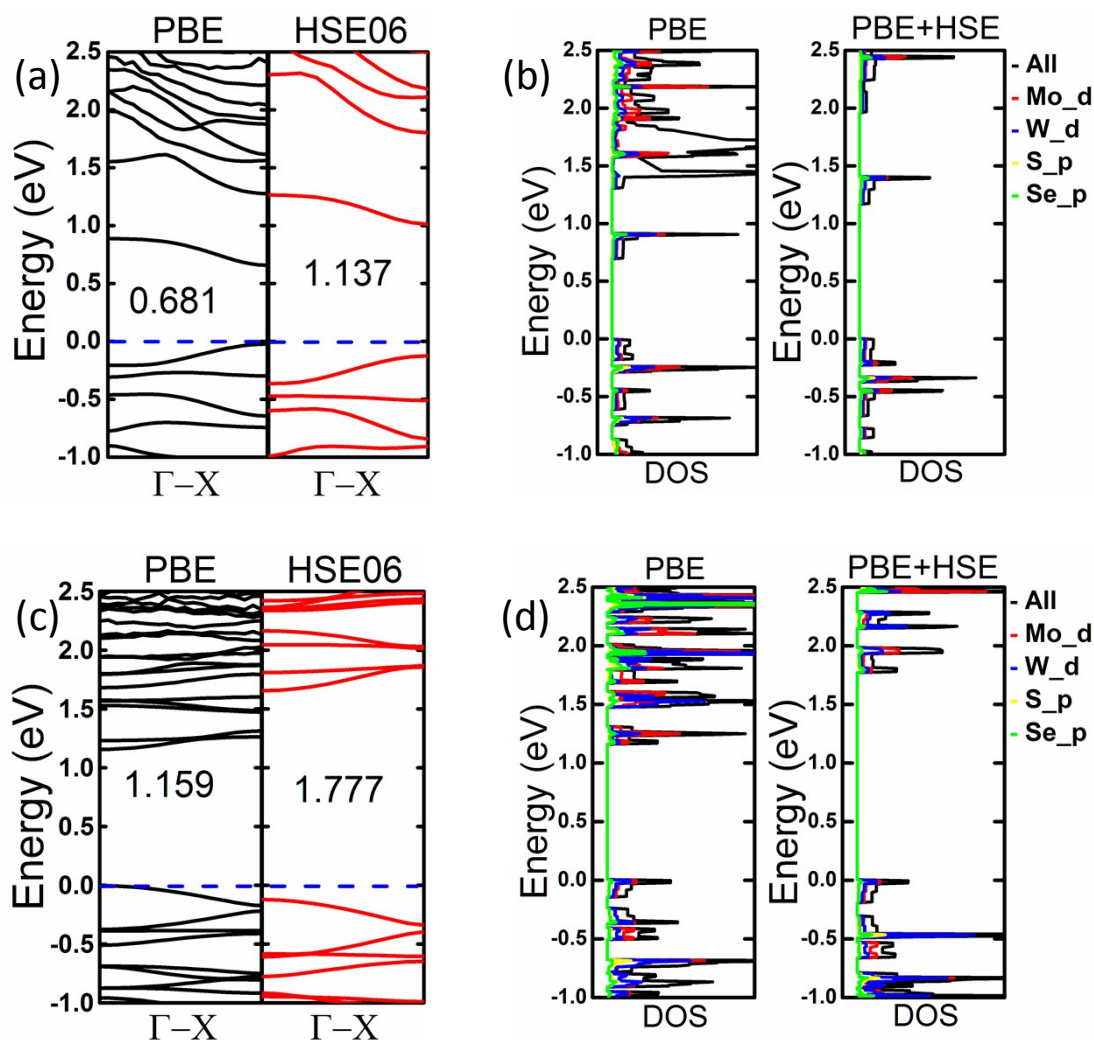


Figure S1. Band structures (a) and DOS (b) of Z_3 _SLNR from PBE and HSE06. Band structures (c) and DOS (d) of A_5 _SLNR from PBE and HSE06. The number in the band structure indicate the bandgap value (unit: eV). The Fermi level is set to zero.

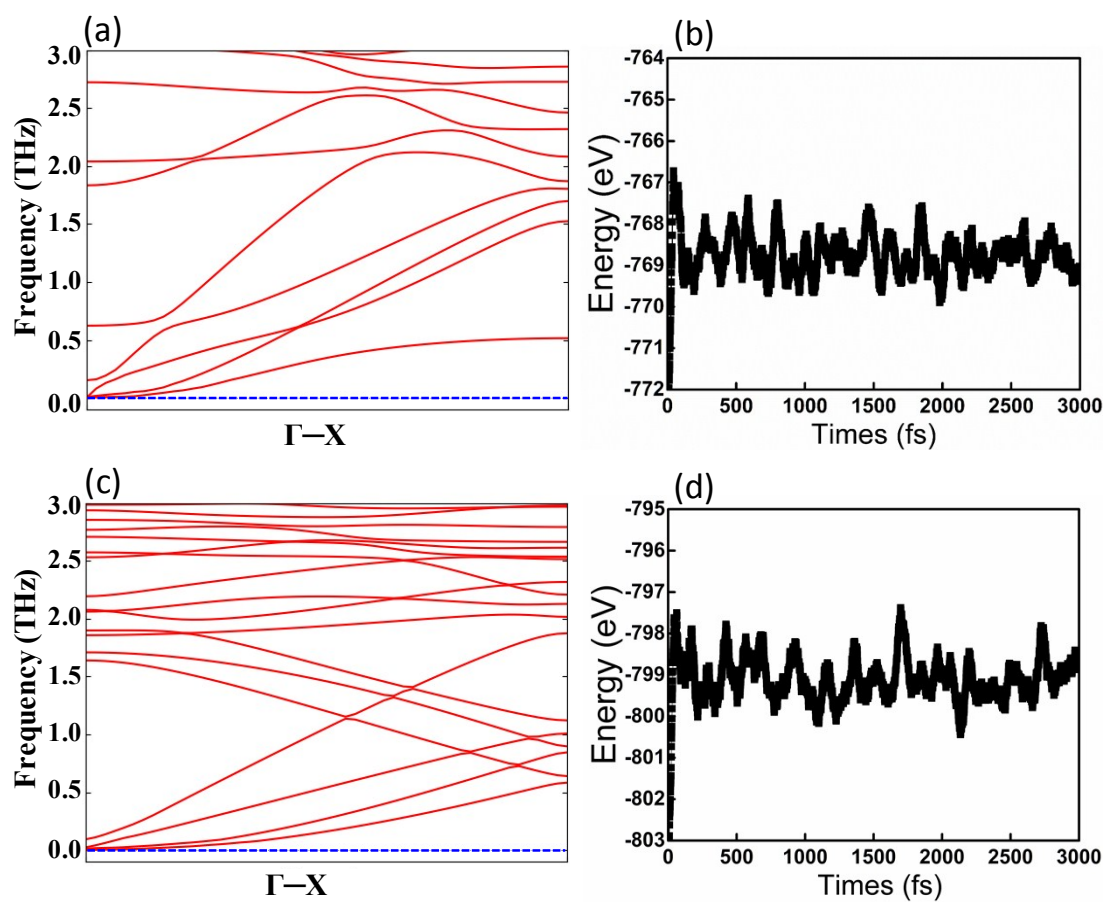


Figure S2. The phonon spectrum (a) and the variation of free energy by first principle MD (b) of Z_3_SLNR . Accordingly (c) and (d) is for A_5_SLNR , respectively.