

Supplementary Information for:

Controllable Electronic and Magnetic Properties in Two-dimensional Germanene Heterostructure

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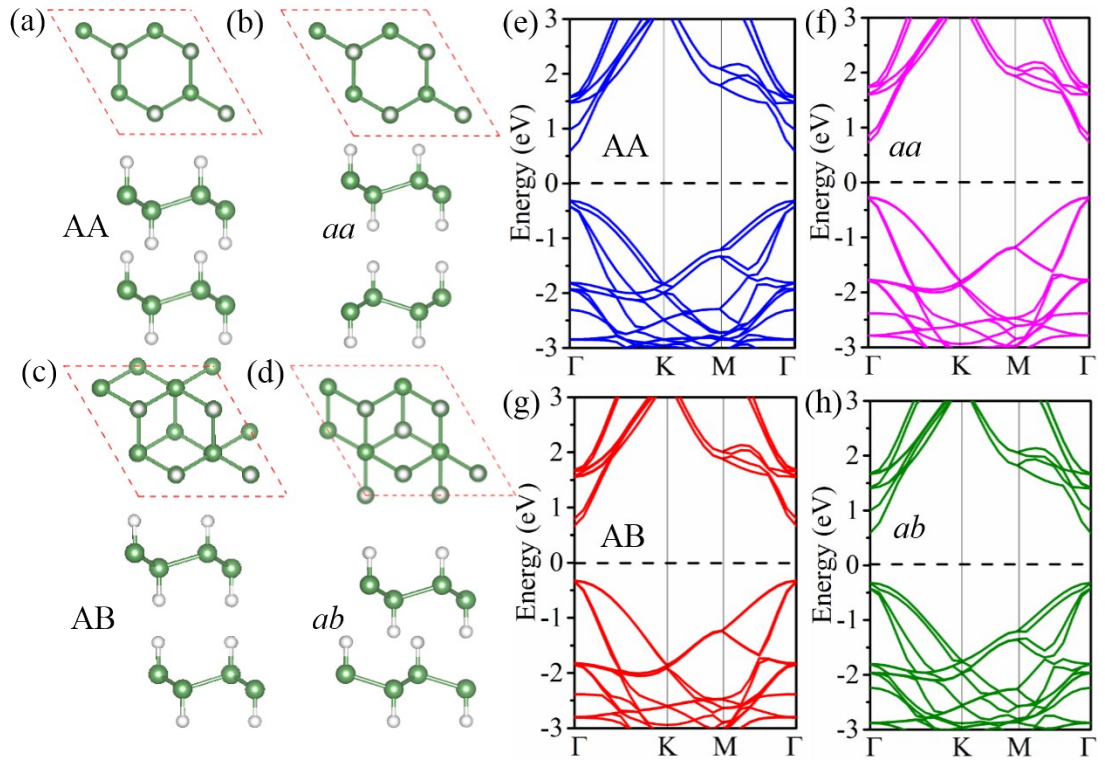


Fig. S1. The optimized structures of the germanane HTSs, (a) AA, (b) aa, (c) AB, and (d) ab. The green balls represent Ge atoms and the white balls represent hydrogen atoms. Band structures of the germanane HTSs for patterns with vdW interaction (e) AA, (f) aa, (g) AB, and (h) ab.

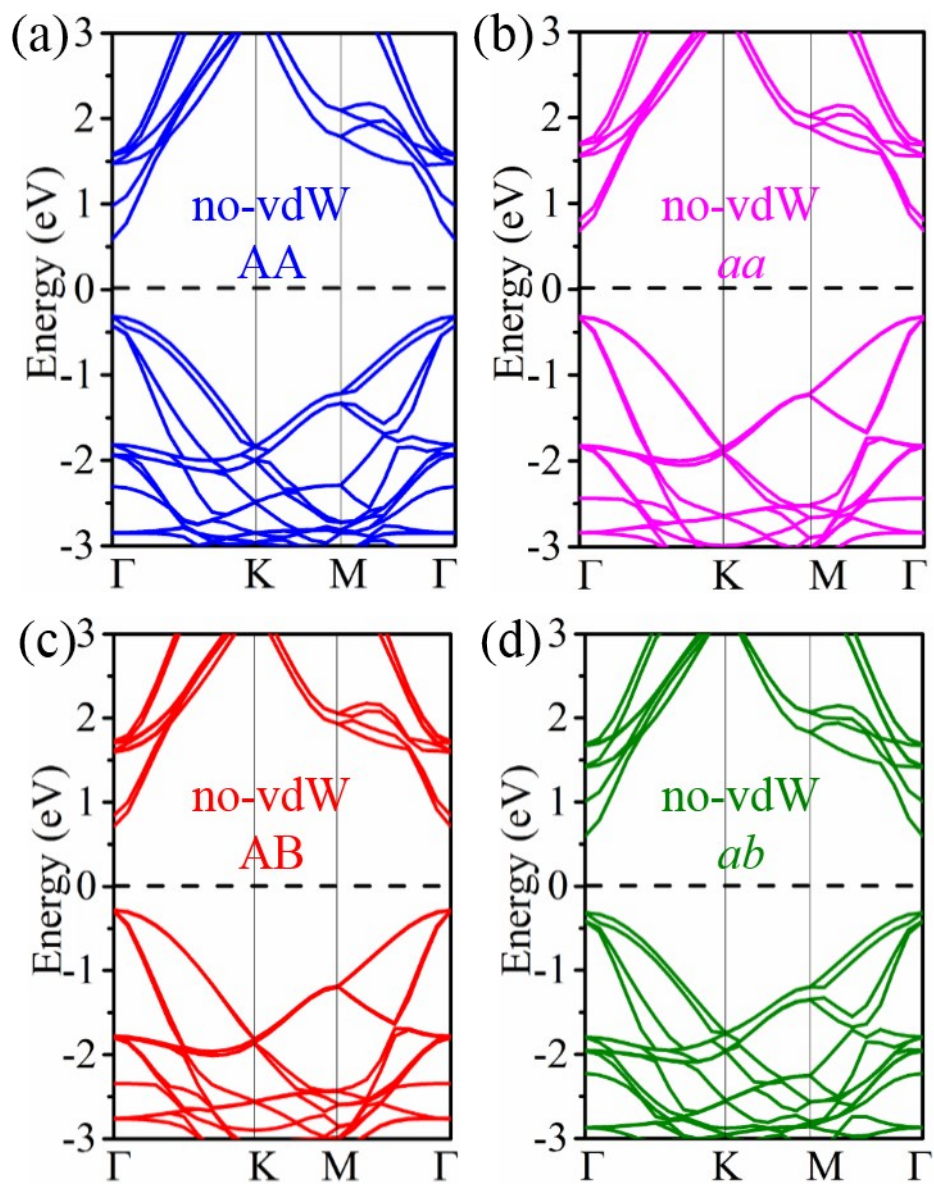


Fig. S2. Band structures of the germanane HTSs for patterns with no vdW interaction (a) AA, (b) aa, (c) AB, and (d) ab.