



## Supplementary Information for

Exfoliation and characterization of  $V_2Se_9$  atomic crystals

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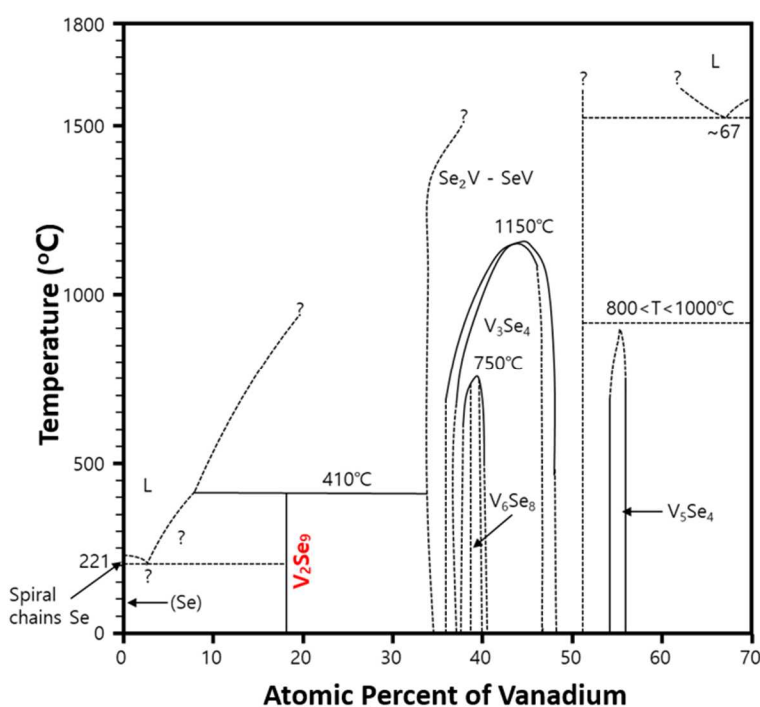


Figure S1. Phase diagram of V-Se binary system [S1].

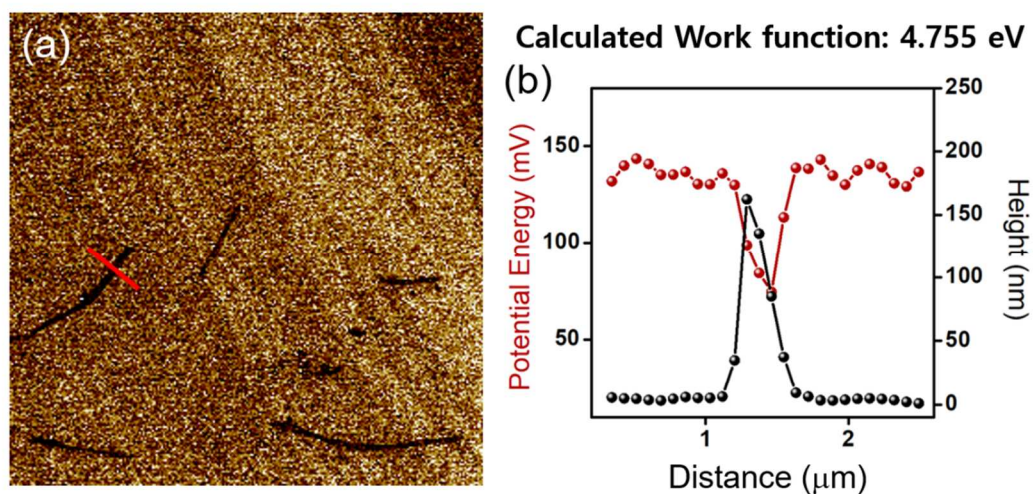


Figure S2. (a) SKPM image of exfoliated 1D  $V_2Se_9$  flakes on the Si substrate. (b) Height and potential energy profiles of the  $V_2Se_9$  flakes and Si substrate as marked in Figure S2a.

## References

S1. Massalski, T.B.; Okamoto, H.; Subramanian, P. R.; Kacprzak, L. The Low Temperature Synthesis of Vanadium Selenides Using Superlattice Reactants, *J. Solid State Chem.* **1996**, 123, 337-343.