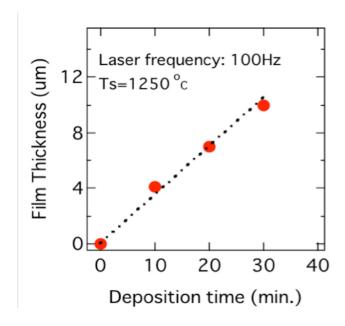
## Effects of Al addition to Si-based flux on the growth of 4H-SiC films by vapour-liquid-solid pulsed laser deposition

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## Supporting information

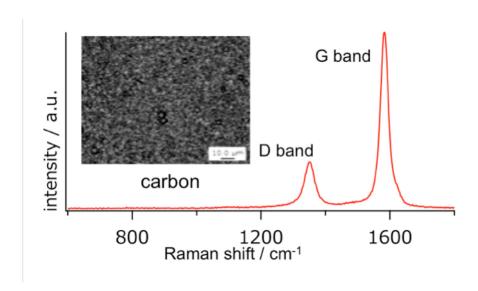


**Figure S1.** The thickness of SiC films plotted as a function of deposition time. A good linear relationship between them gives a VLS growth rate of  $^{\sim}25\mu\text{m/h}$  in average under the present deposition conditions.

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**Figure S2.** A typical Raman spectrum for a film obtained by depositing SIC without flux at 1250 °C, along with its SEM image (inset).