Supporting Information

Chemical Vapour Deposition and Characterization of Uniform Bilayer and Trilayer MoS$_2$ Crystals

Adam Zobel,$^a$ Peter M. Wilson,$^a$ Alex Boson,$^a$ Dmitry S. Muratov,$^b$ Denis V. Kuznetsov,$^b$

Alexander Sinitskii $^{a,c}$

$a$ Department of Chemistry, University of Nebraska – Lincoln, Lincoln, NE 68588, USA

$b$ National University of Science and Technology “MISIS”, Moscow 119991, Russia

$c$ Nebraska Center for Materials and Nanoscience, University of Nebraska – Lincoln, Lincoln, NE 68588, USA

Corresponding Author

* E-mail: sinitskii@unl.edu
Figure S1. Optical photograph of monolayer MoS$_2$ triangles.
Figure S2. Optical photograph from Fig. 2a with monolayer (1L), bilayer (2L) and trilayer (3L) MoS$_2$ islands labelled.
**Figure S3.** SEM image of MoS$_2$ crystals recorded at the accelerating voltage of 1 kV. The majority of the triangles have uniform grey colors and are monolayers; one monolayer (1L) MoS$_2$ triangle is labelled as the reference. Lighter colors correspond to thicker MoS$_2$ regions.