Supporting Information:

Computational design of novel MAX phase alloys for potential hydrogen storage media combining first principles and cluster expansion methods

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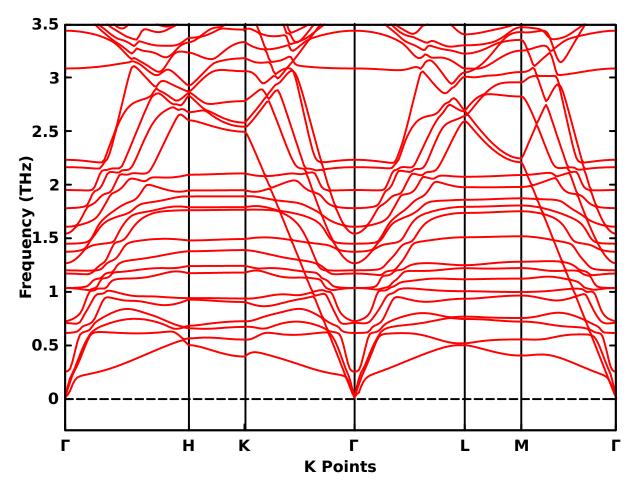


Figure S1: Phonon dispersion of ${\rm Ti_2Al_{0.17}Cu_{0.83}C.}$