

Supplementary Information

**Polarization Dependence of Low-Frequency Vibrations
from Multiple Faces in Organic Single Crystal**

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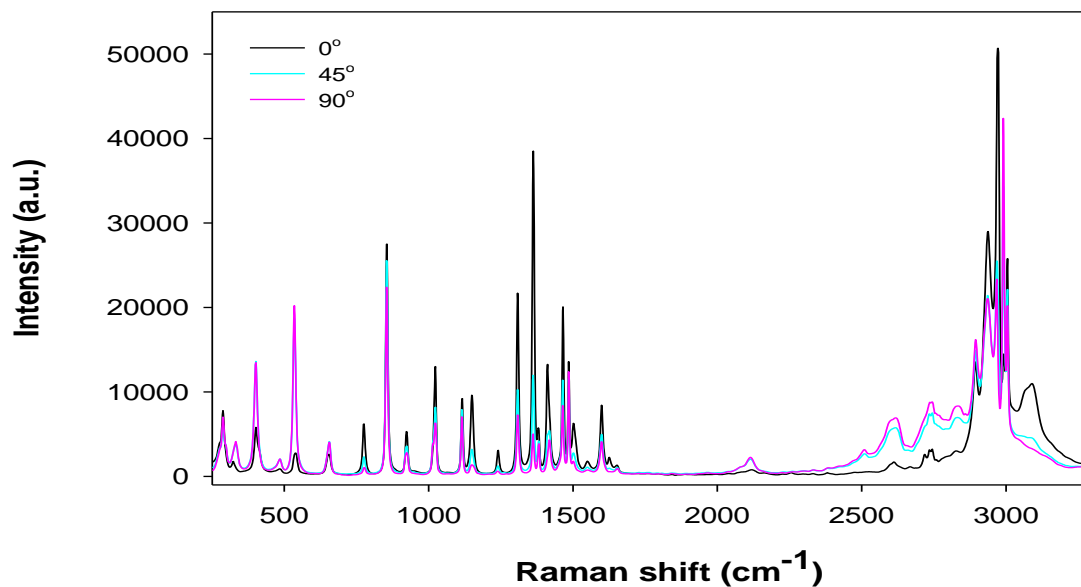


Fig. S1: Regular Raman spectra from the (101) plane of L-Ala crystal excited at different beam polarization directions.

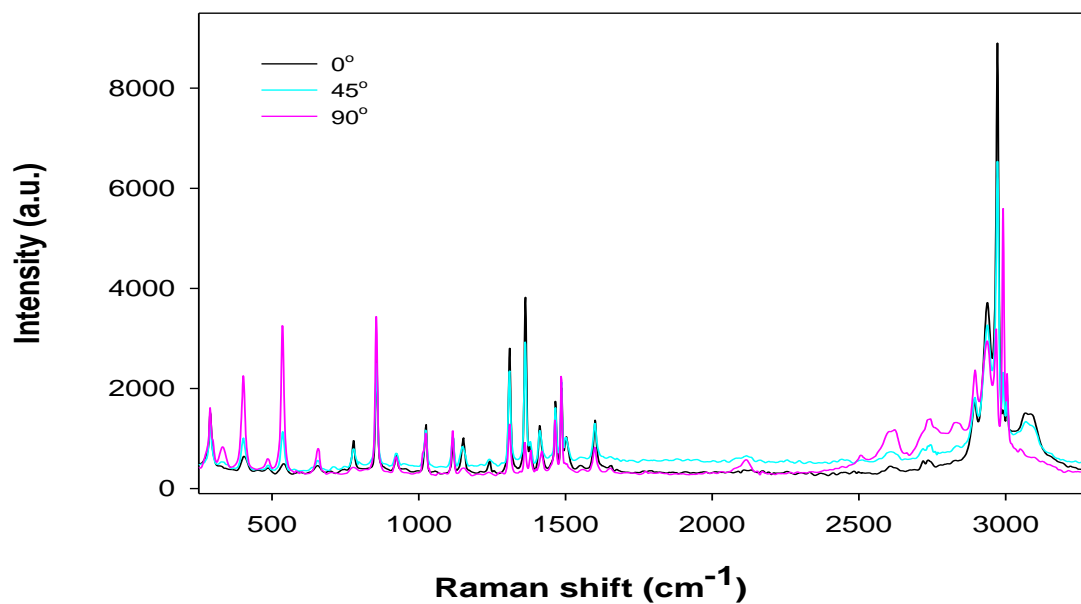


Fig. S2: Regular Raman spectra from the (002) plane of L-Ala crystal excited at different beam polarization directions.

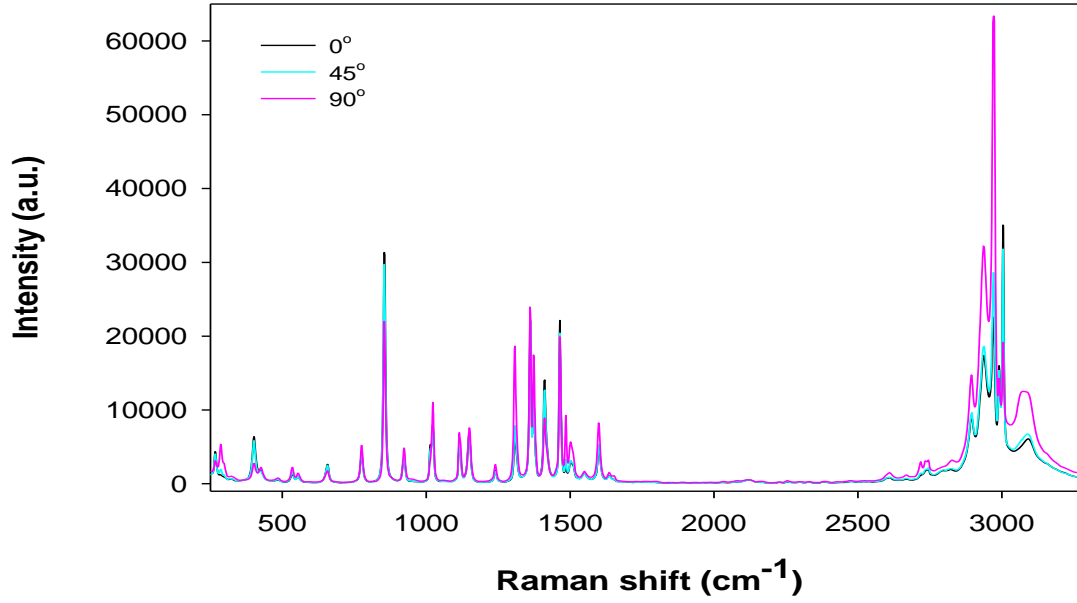


Fig. S3: Regular Raman spectra from the (011) plane of L-Ala crystal excited at different beam polarization directions.