

**Electronic Supplementary Information for “Effects of pressure
on the structure and lattice dynamics of α -glycine: A combined
experimental and theoretical study”**

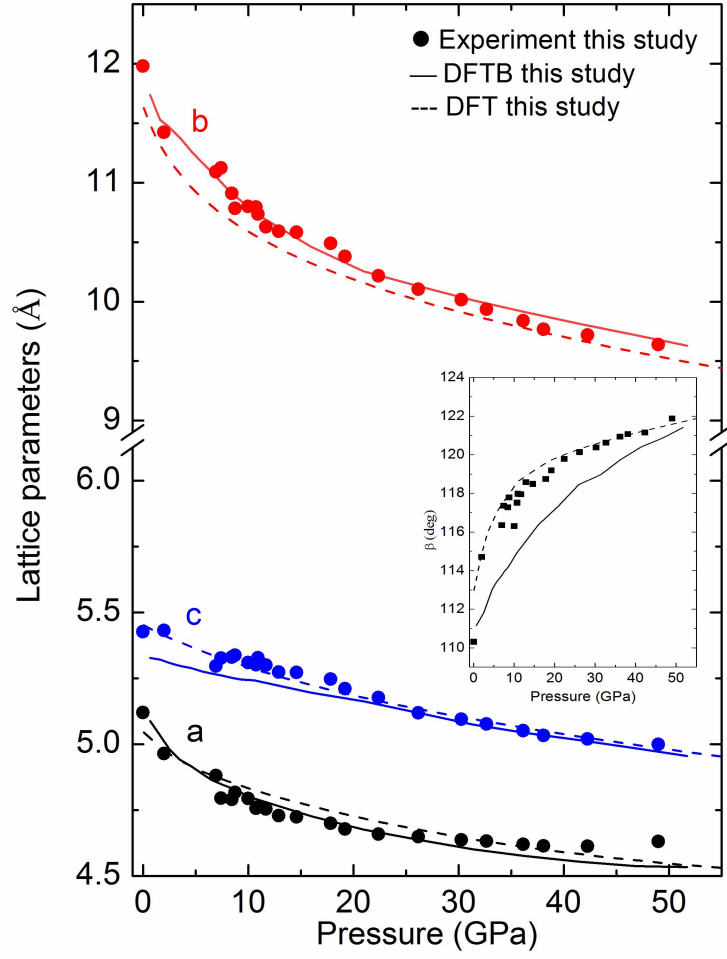


FIG. S1. Pressure-dependent lattice parameters and monoclinic β angle (inset) for α -glycine. Experimental and calculated values are shown with symbols and either solid (DFTB) or dashed (DFT) curves, respectively.

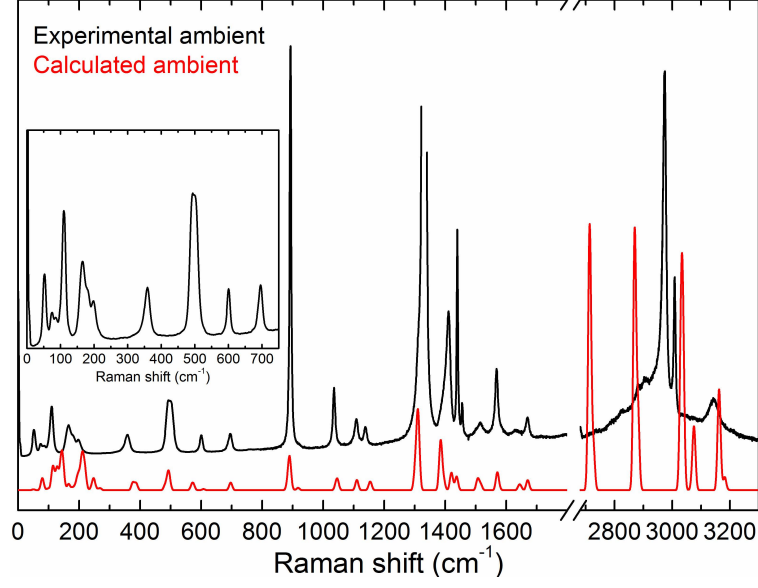


FIG. S2. Experimental and calculated Raman spectrum of α -glycine at ambient conditions. The inset shows an expanded view of the low-frequency region of the experimental spectrum.

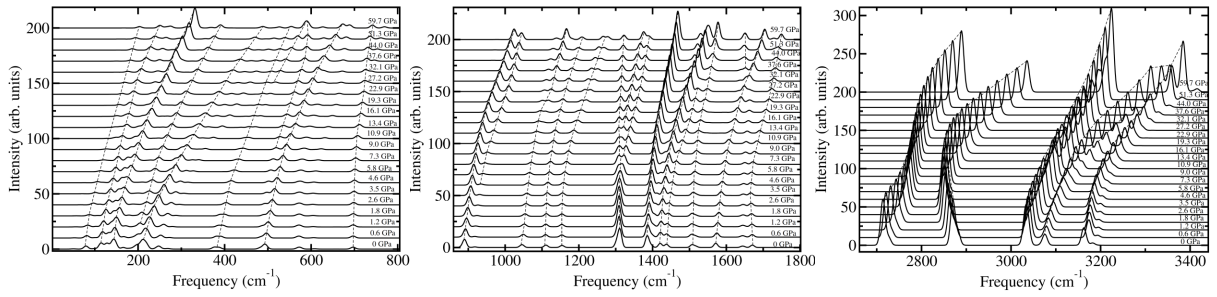


FIG. S3. Calculated Raman spectra of α -glycine at selected pressures.