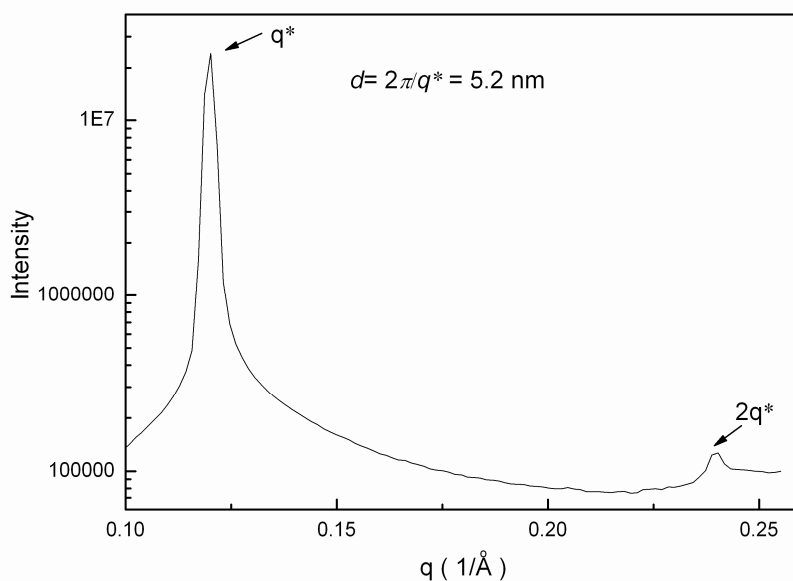
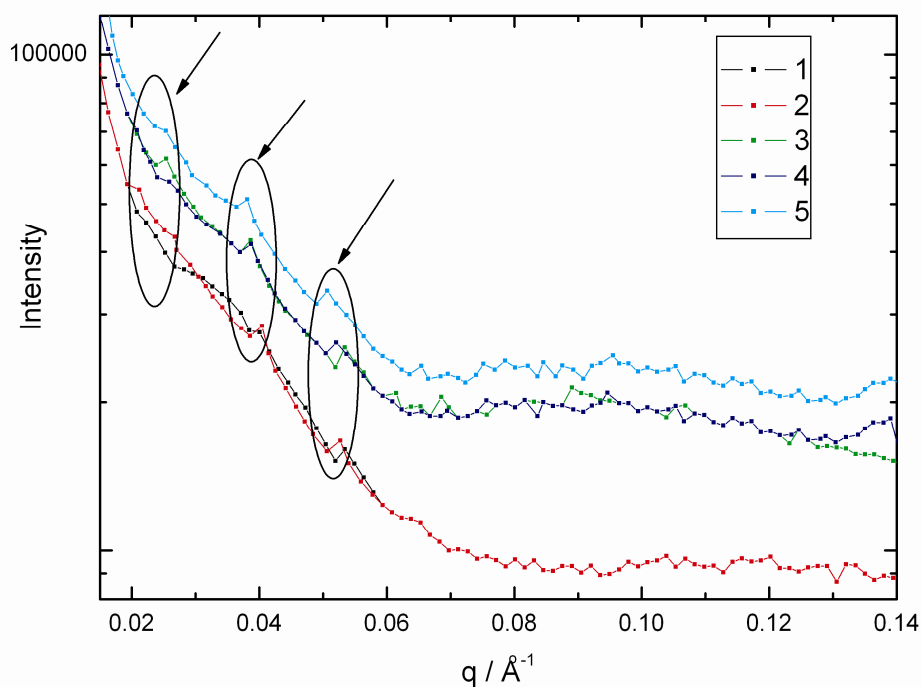


Supporting Information



Supp. Info. Fig 1. Small Angle X-ray spectrum of concentrated DGI lamellar phase. (DGI is 50 wt %, SDS = 2.5 mol % respect to DGI). The interplanar distance between these lamellar bilayer membranes is 5.2 nm.



Supp. Info. Fig. 2. Series SAXS spectra of myelin figures in the gels. All the spectra show the existence of lamellar structures in myelin structures. The average interplanar distance is about 49 nm.



Supp. Info. Fig 3. DGI myelin figures turn to lamellar vesicles after 5 h contact because of the high surface energy. The Maltese Crosses in the figures show the evidence that the spherical droplets are DGI lamellar vesicles. The scale bar is 100 μm .