

Electronic supplementary information for the manuscript

**Fusion of raft-like lipid bilayers operated by a membranotropic
domain of the HSV-type I glycoprotein gH
occurs through a cholesterol-dependent mechanism[§]**

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5-PCSL

POPC:SM:CHOL

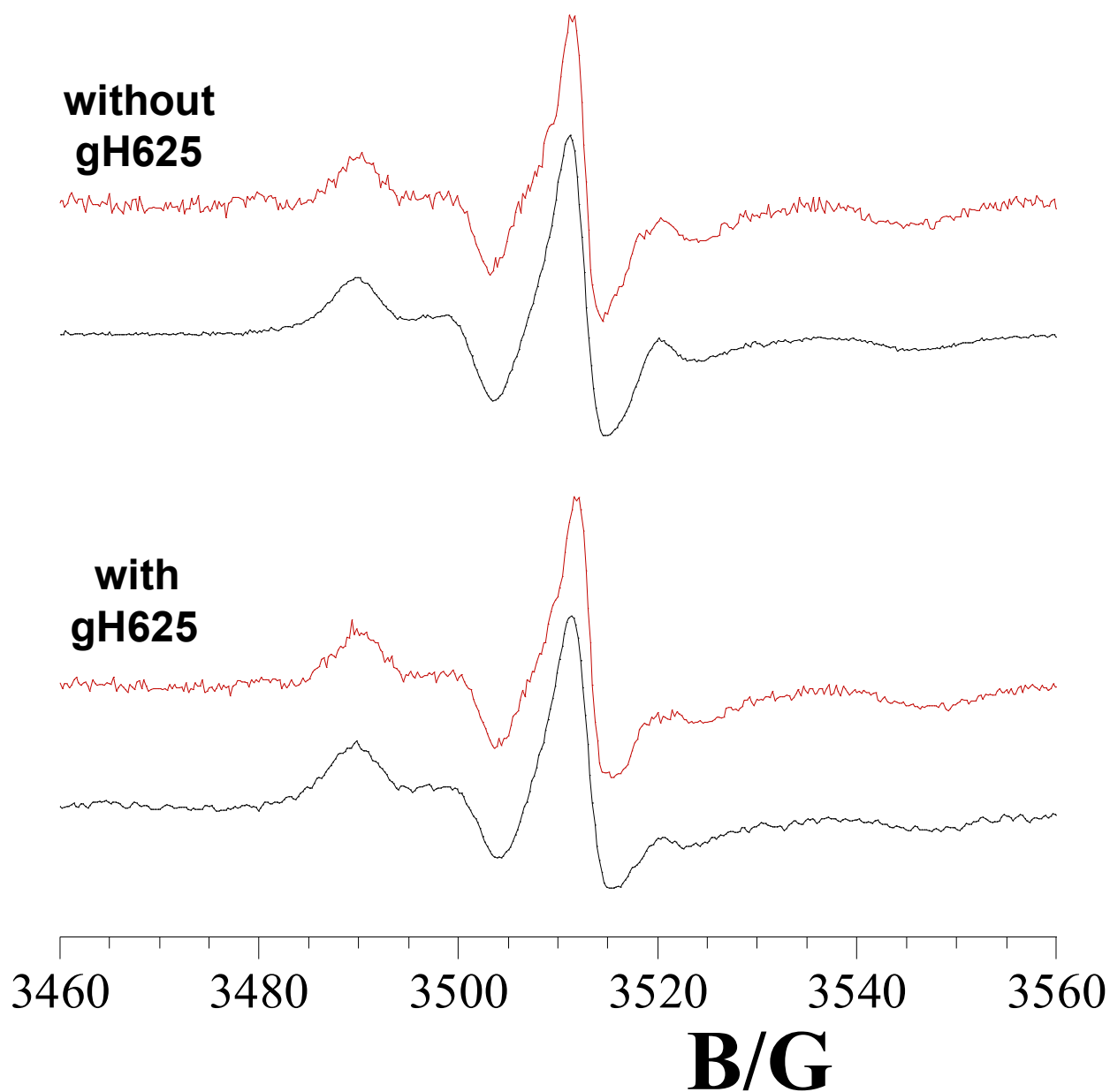


Figure SI 1 ESR spectra of 5-PCSL in POPC/SM/CHOL bilayers in the absence and presence of gH625 peptide. Different liposome morphologies have been considered: MLVs (black lines) and LUVs (red lines).

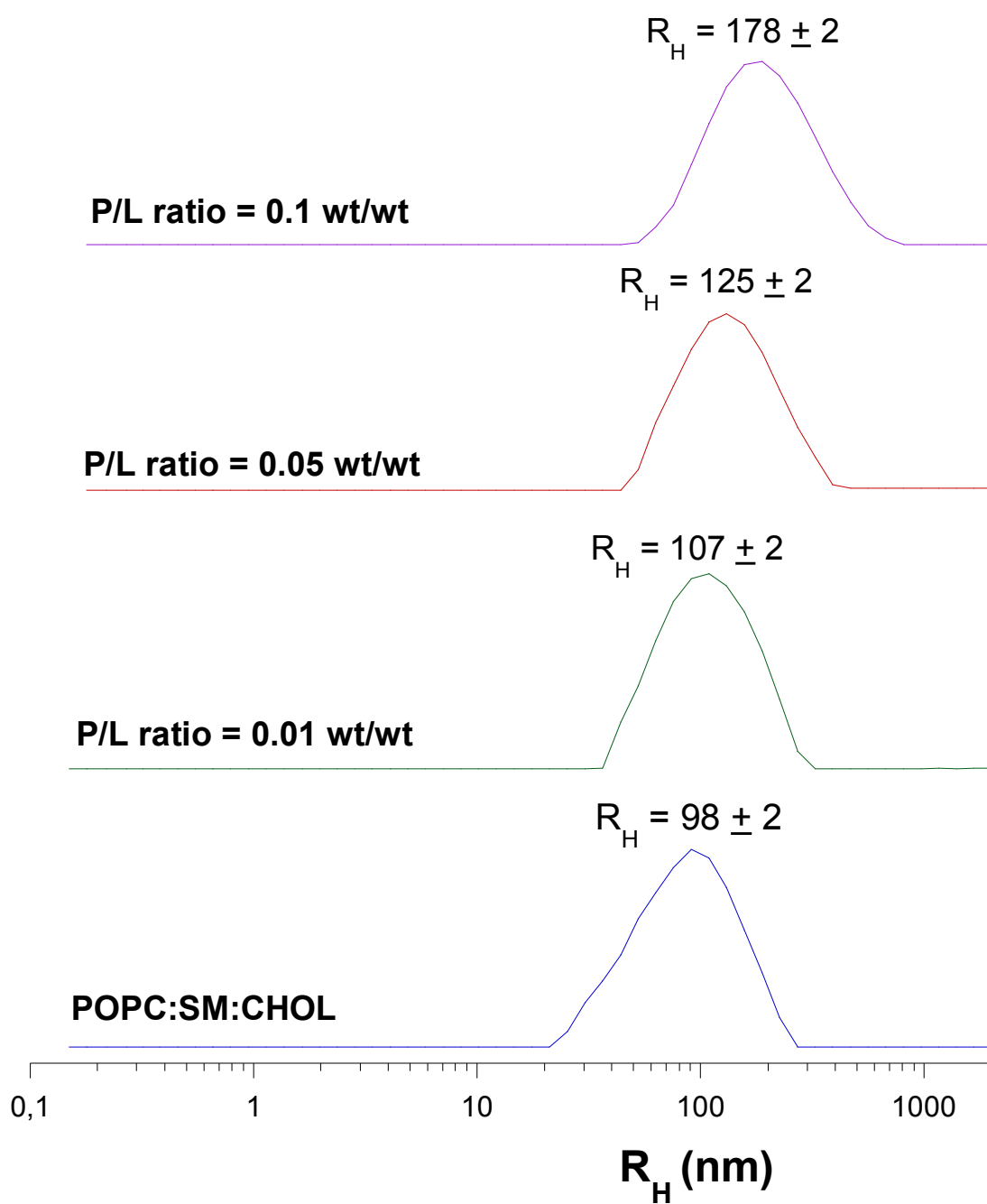


Figure SI 2 Distribution curves of the hydrodynamic radius of POPC/SM/CHOL liposomes in the absence and presence of gH625 peptide.

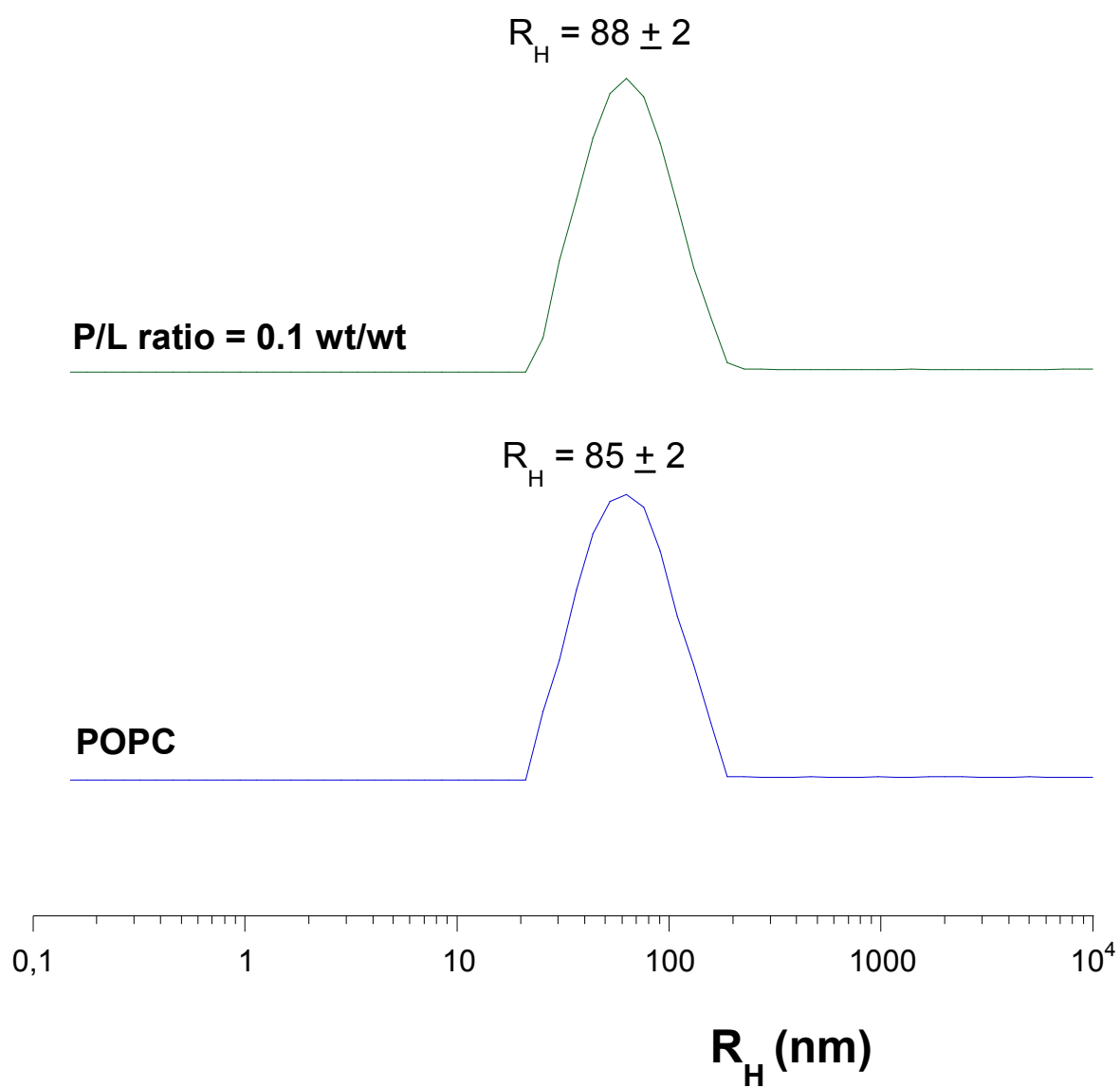


Figure SI 3 Distribution curves of the hydrodynamic radius of POPC liposomes in the absence and presence of gH625 peptide.

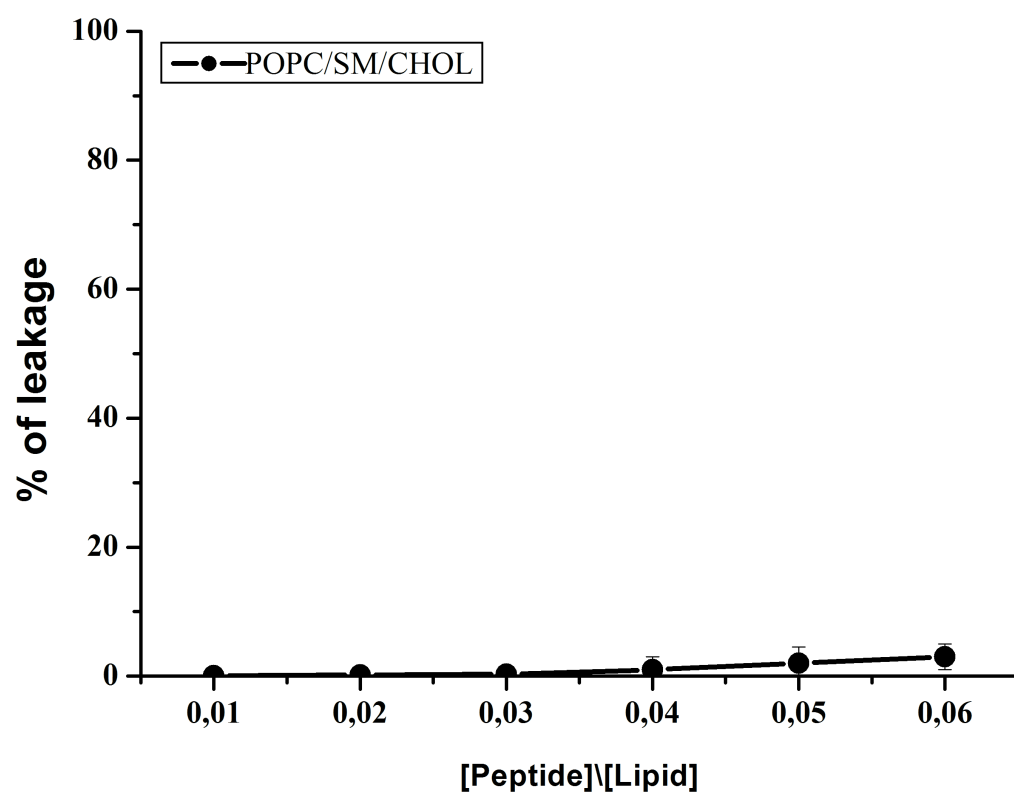


Figure SI 4 gH625-promoted POPC/SM/CHOL LUVs leakage.

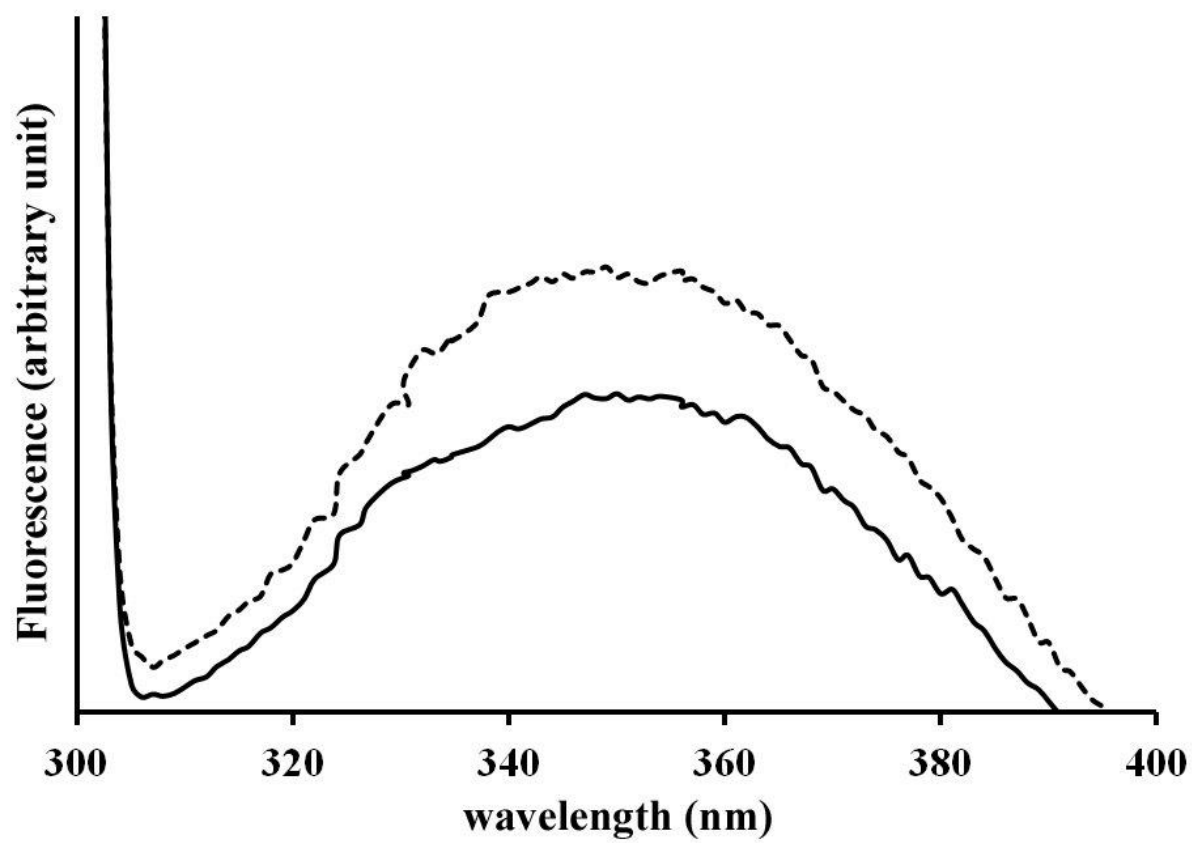


Figure SI 5 gH625 fluorescence spectra in buffer and in POPC/SM/CHOL LUVs.

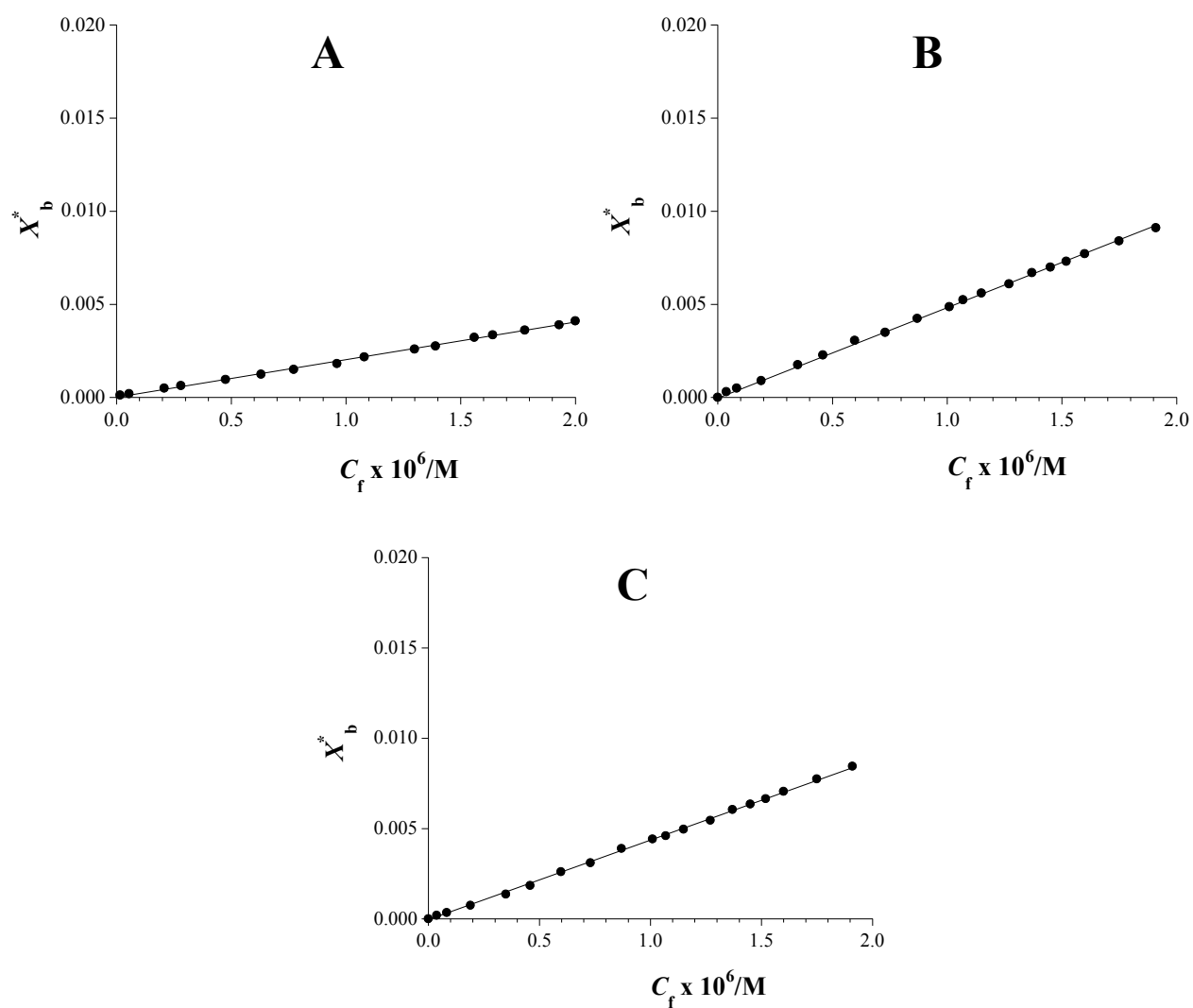


Figure SI 6 Binding isotherms of gH625 in POPC (A), POPC/SM/CHOL (B) and POPC CHOL LUVs.