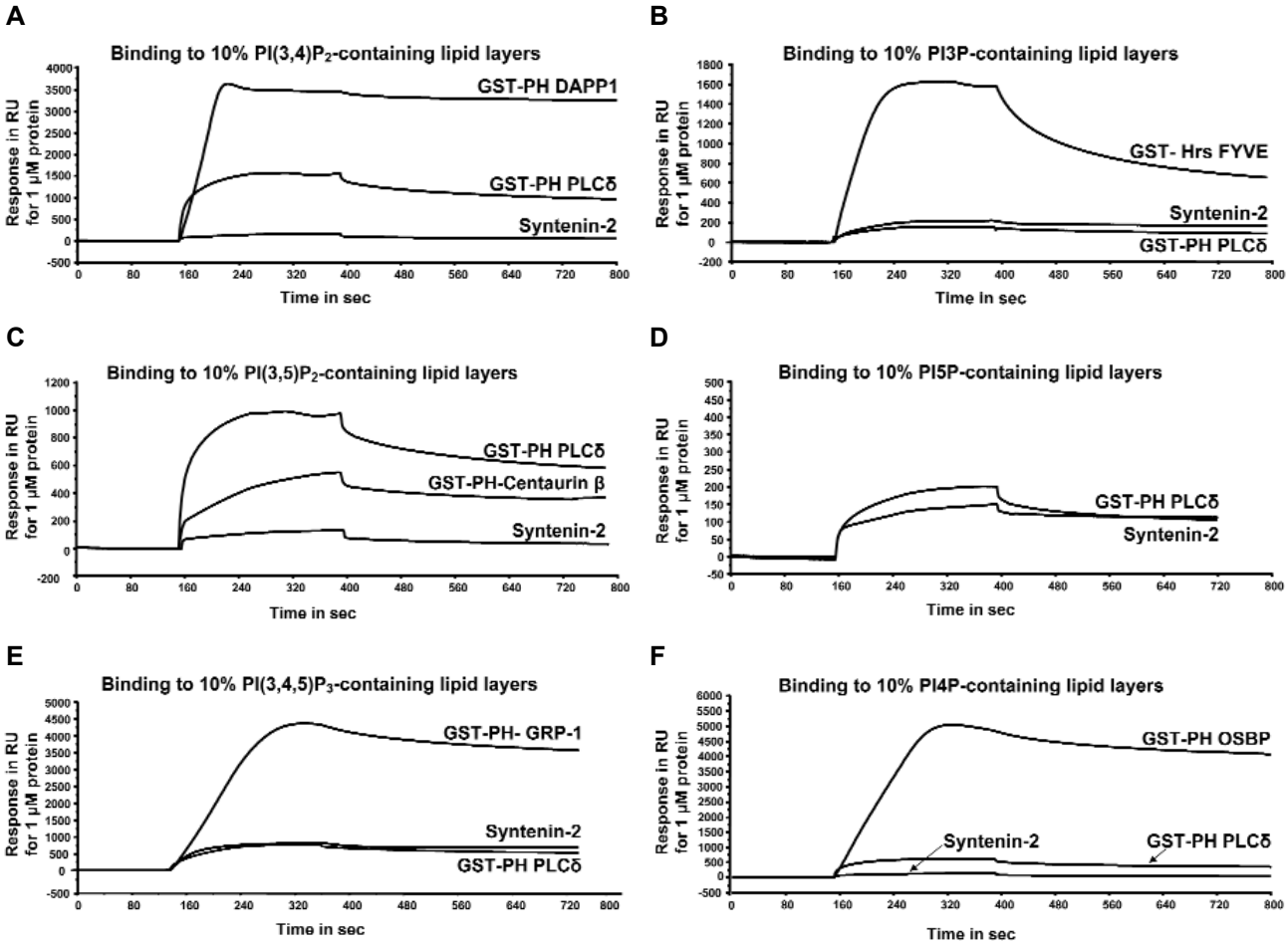
Supplementary Information 1



Interaction of syntenin-2 with phosphoinositides other than PIP_2

(A-F) SPR sensograms showing the interaction of syntenin-2 with lipid layers containing different phosphoinositides as indicated. Each syntenin-2 sensogram is compared to the sensogram for GST-PH-PLCdelta (positive control for PIP_2) and to that for a positive control for the respective phosphoinositide when available. Positive controls for each phosphoinositide; i.e. the PH domain of DAPP1 for the $PI(3,4)P_2$ (Ferguson et al, 2000), of Centaurin ß2 for $PI(3,5)P_2$ (Dowler et al, 2000), of GRP-1 for $PI(3,4,5)P_3$ (Ferguson et al, 2000), of OSBP for PI(4)P (Levine and Munro, 2002), and the tandem FYVE domain of Hrs for PI(3)P (Gillooly et al, 2000) were included. Exception was for PI(5)P for which such control was not available. The purified recombinant proteins were perfused at 1 µM.

REFERENCES

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