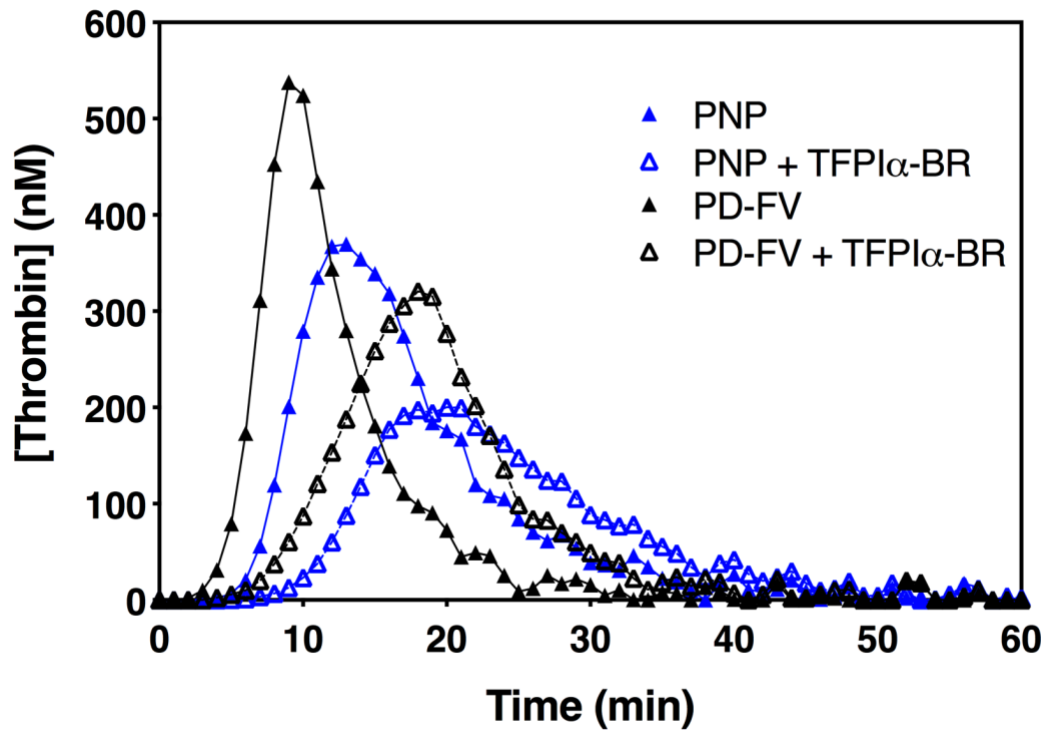
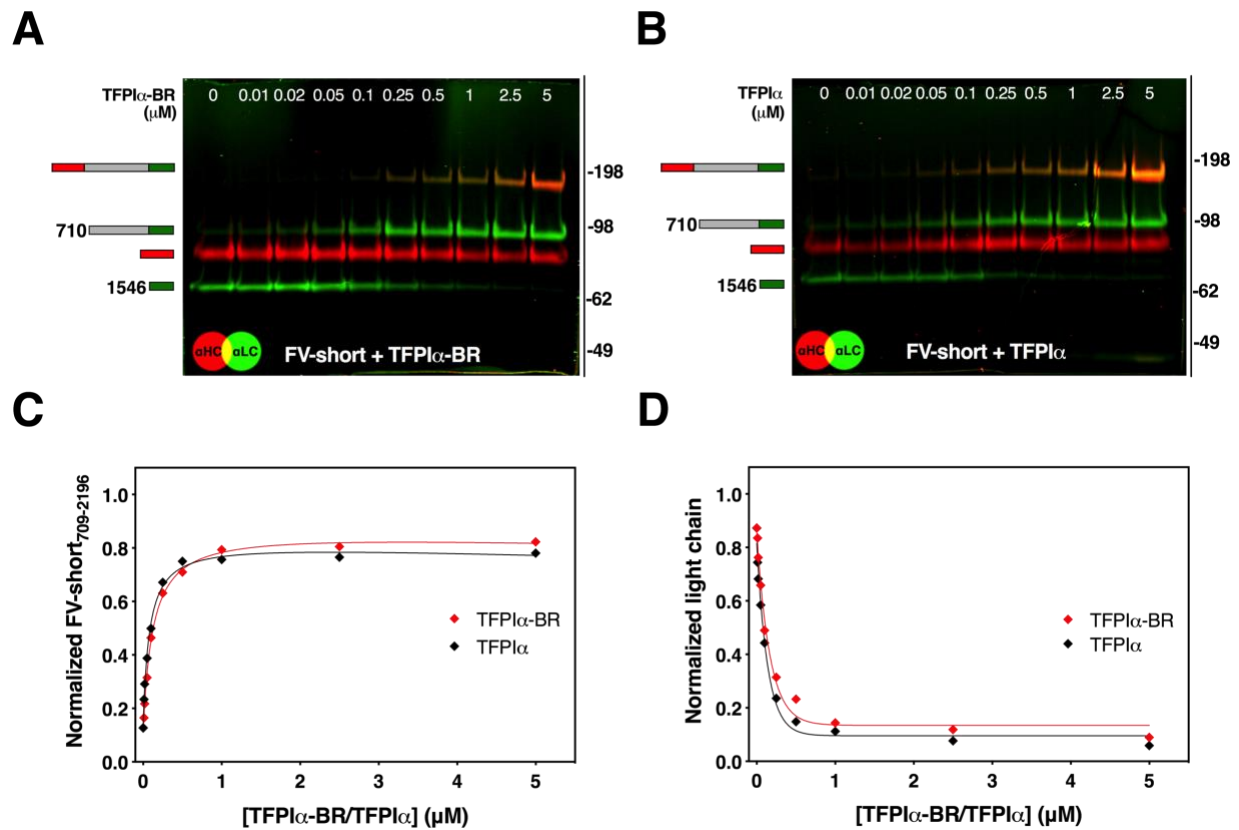


Supporting information:



Supporting information 1. TFPI α -BR blocks thrombin generation in the presence of FV. Thrombin generation for PNP or FV-DP supplemented with 20 nM PD-FV in the presence or absence of TFPI α -BR (6 μ M) using 0.4 pM TF as the initiator. Data are representative of 3 independent experiments.



Supporting information 2. TFPI α -BR or TFPI α delays FV-short activation by thrombin. FV-short (20 nM) was incubated for 15 min with thrombin (0.2 nM) in the presence of increasing concentrations (0-5 μ M; indicated on the blot) of TFPI α -BR (A) or TFPI α (B). Aliquots collected after 15 minutes were subject to SDS-PAGE/western blot on 3-8% gels under reducing conditions and visualized using a mixture of labeled monoclonal antibodies against the FV-LC (green) and FV-HC (red). FV-short fragments corresponding to each band are drawn on the left side: HC (red), B-domain (grey), LC (green). Normalized intensity of the FV-short 710-2196 fragment corresponding to cleavage at Arg⁷⁰⁹ (shown in C) or FV-short fragment 1546-2196 corresponding to cleavage at Arg¹⁵⁴⁵ (shown in D) were plotted as function of TFPI α -BR or TFPI α concentration. Data are representative of 3 similar experiments.