Supplementary Figure 2: A. EphB2-Fc stimulates the MP/PS1/γ-secretase processing of ephrinB2. PS1+/+ and PS1-/− fibroblasts transduced with ephrinB2 in pMX vector were treated as described in the legend of Figure 2 except that cultures were induced for 60 min with either EphB2-Fc or Fc. ephrinB2-FL: full-length ephrinB2. B. EphB2-Fc stimulates the metalloproteinase processing of endogenous ephrinB. PS1+/+ fibroblasts were treated with 2μg/ml of preclustered EphB2-Fc for 10 min (upper) or 60 min (lower) in the absence (lanes 2) or presence (lanes 4) of 0.5μM L-685,458 or with 2μg/ml of Fc control in the absence (lanes 1) or presence (lanes 3) of L-685,458. PS1-/− fibroblasts were also treated with Fc (lanes 5) or EphB2-Fc (lanes 6) for the same amount of time. Extracts were probed on WBs with C18. ephrinB-FL: full-length ephrinB.