Supplementary Figure S1  Deleting the N-terminal region of PSD-95 increases Src-mediated NR2A tyrosine phosphorylation. Upper: immunoprecipitations with anti-NR2 from lysates of HEK293 cells (600 µg) cotransfected with NR1/2A, Y527F Src or K295R Src, and wild-type (WT) PSD-95 or Δ(14-54) PSD-95. Immunoprecipitated NR2A was probed with anti-pY, and then stripped and probed with anti-NR2A. Blots shown are representative of six separate experiments. Lower: densitometric quantification from six experiments, one of which is represented above. Band intensity was quantitated as mean gray value and the ratio of pY NR2A to total NR2A was calculated. Bars correspond to mean (±s.e.m.) ratios normalized to the ratios obtained for cotransfection of NR1/2A with Y527F Src and wild-type PSD-95. Cotransfection with Δ(14-54) PSD-95 was associated with a 1.5-fold increase in NR2A tyrosine phosphorylation levels. (*P<0.05, t-test versus Y527F Src and wild-type PSD-95).
**Supplementary Figure S2** PSD-95(43-57) peptide does not affect the tyrosine kinase activity of Fyn. *In vitro* kinase activity of recombinant Fyn following incubation with no peptide (*n*=4) or PSD-95(43-57) (*n*=4). Bars correspond to mean (±s.e.m.) Fyn kinase activity normalized to the activity of Fyn incubated with no peptide. (*P*=0.92, *t*-test *versus* no peptide).