Aβ-pretreated

control

nicotine

wash

B

Cumulative Fraction

0.0 0.2 0.4 0.6 0.8 1.0

sIPSC Amplitude (pA)

control

nicotine

wash

C

Cumulative Fraction

0.0 0.2 0.4 0.6 0.8 1.0

sIPSC Inter-event Interval (sec)

control

nicotine

wash

D

% Increase of sIPSC Amplitude by Nicotine

% Increase of sIPSC Frequency by Nicotine

- +Aβ