Fig 6 - source data 9
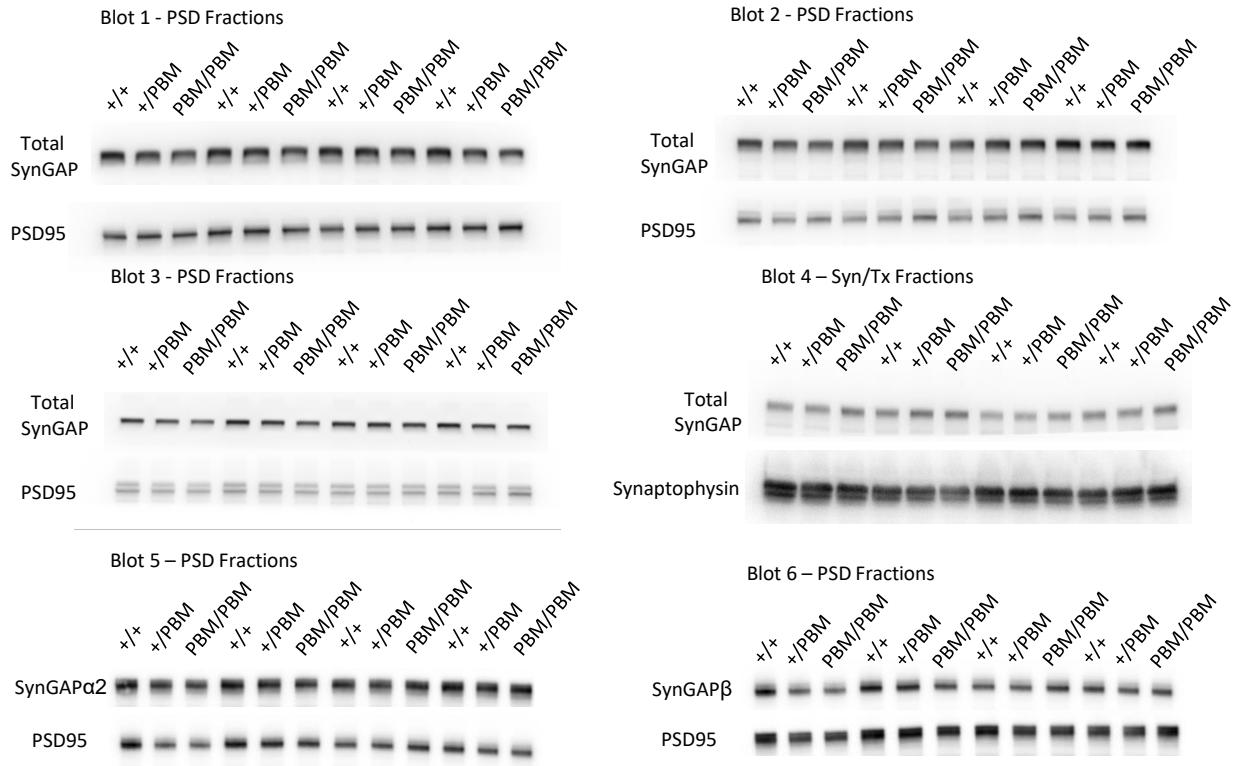
Panel A

Blot 1 - PSD Fractions

+/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM

Total SynGAP

PSD95

Blot 2 - PSD Fractions

+/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM

Total SynGAP

PSD95

Blot 3 - PSD Fractions

+/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM

Total SynGAP

PSD95

Blot 4 – Syn/Tx Fractions

+/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM

Total SynGAP

Synaptophysin

Blot 5 – PSD Fractions

+/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM

SynGAPα2

PSD95

Blot 6 – PSD Fractions

+/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM

SynGAPβ

PSD95

Panel B

Steady-State PSD Fractions

+/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM

Total SynGAP

PSD95

Inactivated PSD Fractions

+/+ PBM/PBM +/+ PBM/PBM +/+ PBM/PBM +/+ PBM/PBM

Total SynGAP

PSD95

Steady-State Lysates (Blot 1)

+/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM

pERK

ERK

+/+ +/PBM PBM/PBM +/+ (Steady-state) +/+ +/PBM PBM/PBM +/+ (Steady-state) +/+ +/PBM PBM/PBM +/+ (Steady-state)

pERK

ERK

Steady-State Lysates (Blot 2)

+/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM +/+ +/PBM PBM/PBM +/PBM PBM/PBM +/PBM PBM/PBM +/PBM

pERK

ERK