

SUPPLEMENTARY TABLE S3. PRIMARY ANTIBODIES  
USED IN IMMUNOSTAINING ASSAYS

<i>Target</i>	<i>Host</i>	<i>Provider and Cat. No.</i>
FMRP	Mouse	Millipore—MAB2160
FMRP	Rabbit	Abcam—ab17722
N-Cadherin	Rabbit	Santa Cruz—sc-7939
SOX1	Rabbit	Millipore—AB5768
SOX1	Rabbit	Abnova—PAB2606
SOX3	Mouse	R&D—MAB2569
ZO-1	Rabbit	Abcam—ab59720
GFAP	Mouse	Millipore—MAB360
b-Tubulin	Rabbit	Abcam—ab134185
PAX6	Rabbit	Santa Cruz—sc-11357
MAP2	Rabbit	Santa Cruz—sc-20172
MAP2	Mouse	Abcam—ab3096
Doublecortin	Mouse	Santa Cruz—sc-271390
NeuN	Mouse	GeneTex—GTX30773
Tuj1	Mouse	Millipore—MAB1195
CamKII	Rabbit	Santa Cruz—sc-13082

Full list of primary antibodies used in semiquantitative immunostaining assays. Primary antibodies were detected using Cy2-conjugated sheep anti-mouse or Cy3-conjugated goat anti-rabbit secondary antibodies (Jackson Labs). Working concentrations of primary and secondary antibodies were as recommended by the manufacturer.