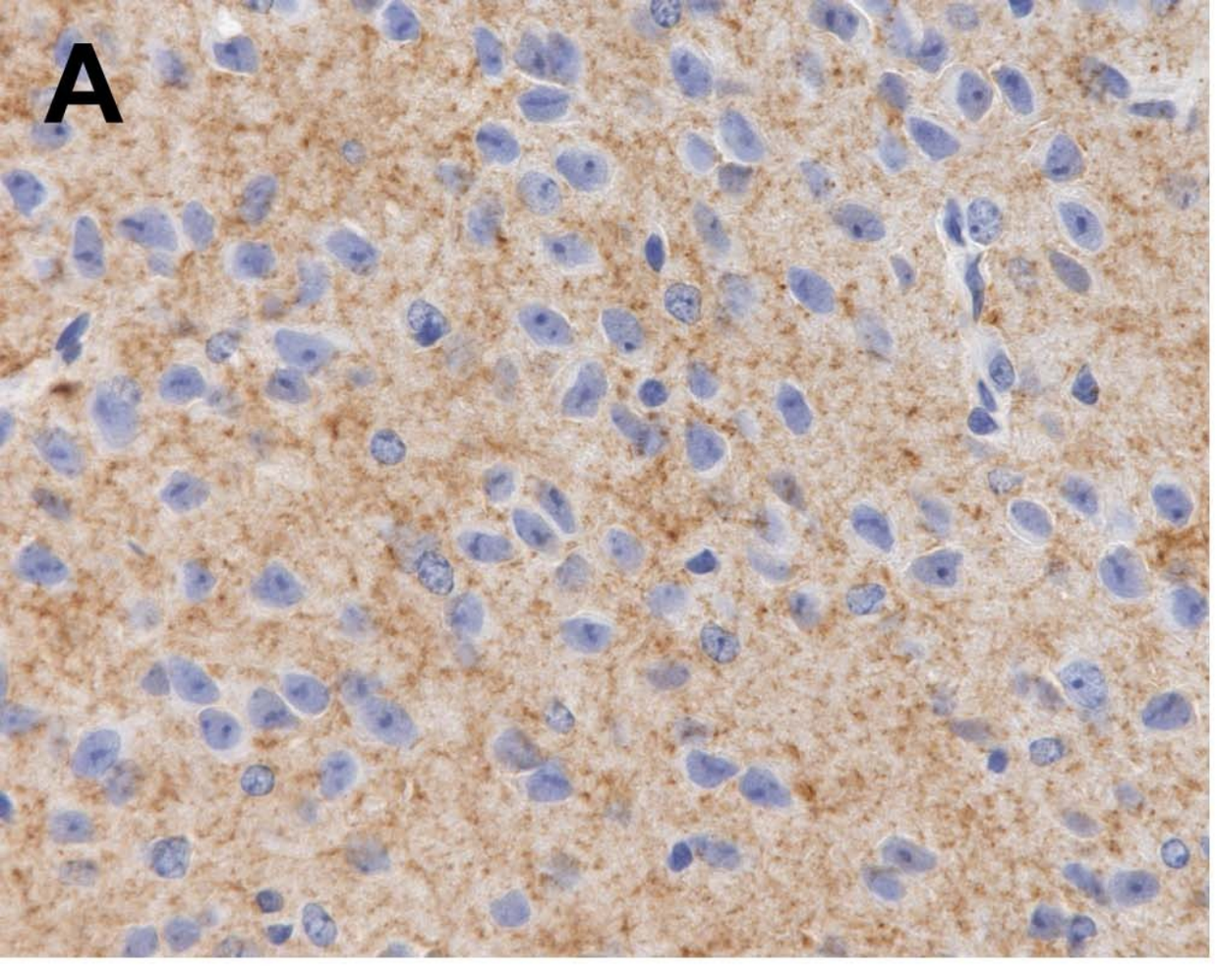
Figure S1. Representative photomicrographs illustrating a scoring system for astroglial activation in murine scrapie based on glial fibrillary acidic protein (GFAP) immunohistochemistry. (**A**) Score 1 (*posterior medial cerebral cortex*, parvalbumin (PV)–/–, mock-inoculated); single reactive fibrillary astrocytes within the neuropil (not to be confounded with reactive perivascular astrocytes also found in healthy, not inoculated animals). (**B**) Score 2 (*hypothalamus*, PV–/–, scrapie-infected); moderate number of reactive fibrillary astrocytes and low background of GFAP positive astrocytic processes in the neuropil. (**C**) Score 3 (*anterior medial cerebral cortex*, PV–/–, scrapie-inoculated); moderate to high number of reactive fibrillary astrocytes and high background of GFAP positive astrocytic processes in the neuropil. (**D**) Score 4 (*posterior medial cerebral cortex*, PV–/–, scrapie-infected); high number of reactive astrocytes with transition features towards gemistocytic astrocytes and high background of GFAP positive astrocytic processes in the neuropil. (**E**) Score 5 (*hippocampus*, PV–/–, scrapie-inoculated); high number of highly reactive gemistocytic astrocytes and high background of GFAP positive astrocytic processes in the neuropil. Score 0 (no reactive fibrillary astrocytes within the neuropil) has been omitted from the figure. Scale bar in (**A**) indicates 25 μm.

Figure S2. Representative photomicrographs illustrating a scoring system for pathological isoform of the prion protein (PrP^{Sc}) deposition in murine scrapie based on PrP^{Sc} immunohistochemistry. (**A**) Score 1 (*hypothalamus*, parvalbumin (PV)–/–, scrapie-infected); mild, loosely distributed, granular deposition of PrP^{Sc}. (**B**) Score 2 (*superior colliculus*, PV–/–, scrapie-infected); moderate deposition of PrP^{Sc}. (**C**) Score 3 (*posterior medial cerebral cortex*, PV–/–, scrapie-infected); strong, confluent deposition of PrP^{Sc}. Score 0 (no deposition of pathological PrP protein) is not shown. Scale bar in (**A**) corresponds to 25 μm.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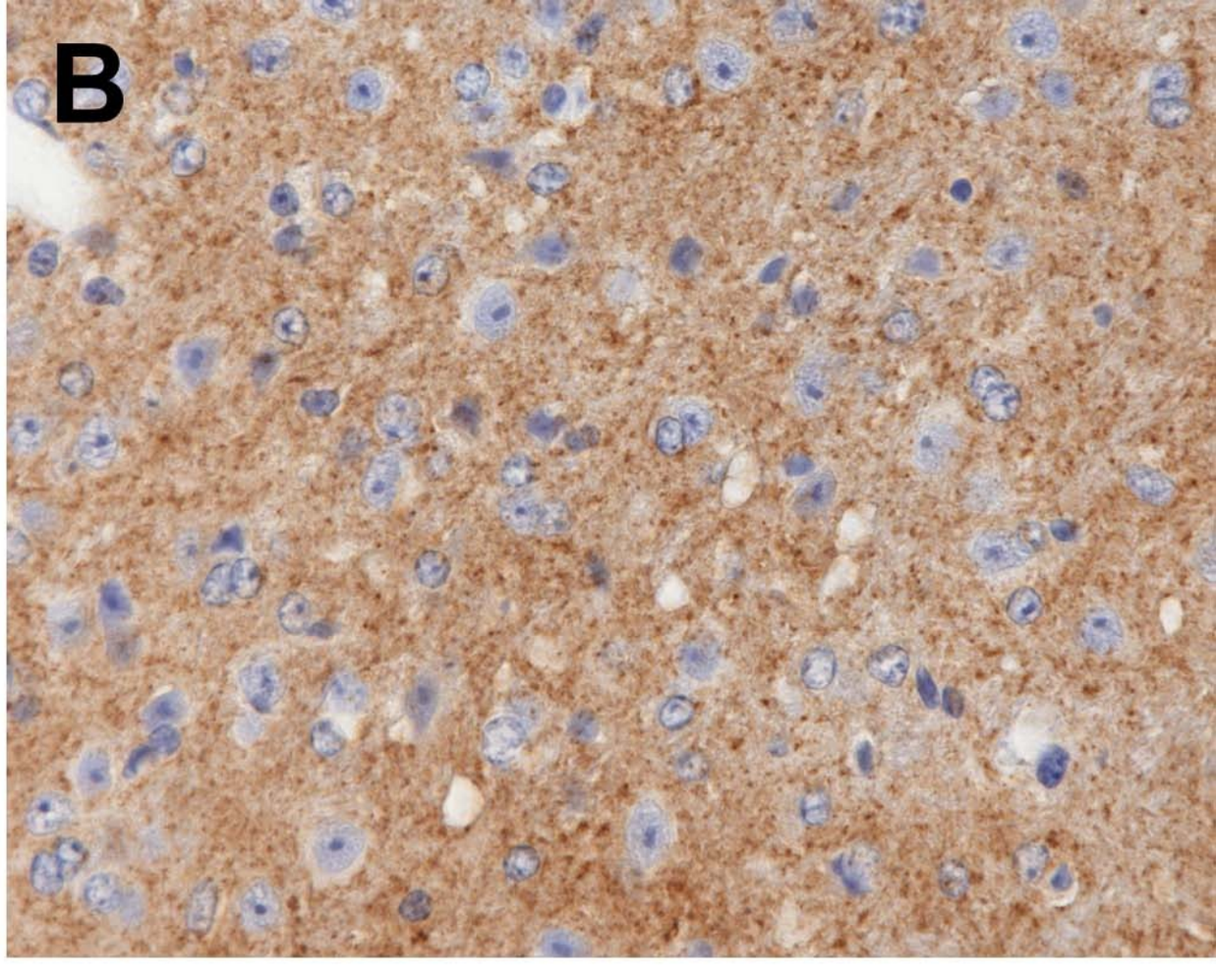
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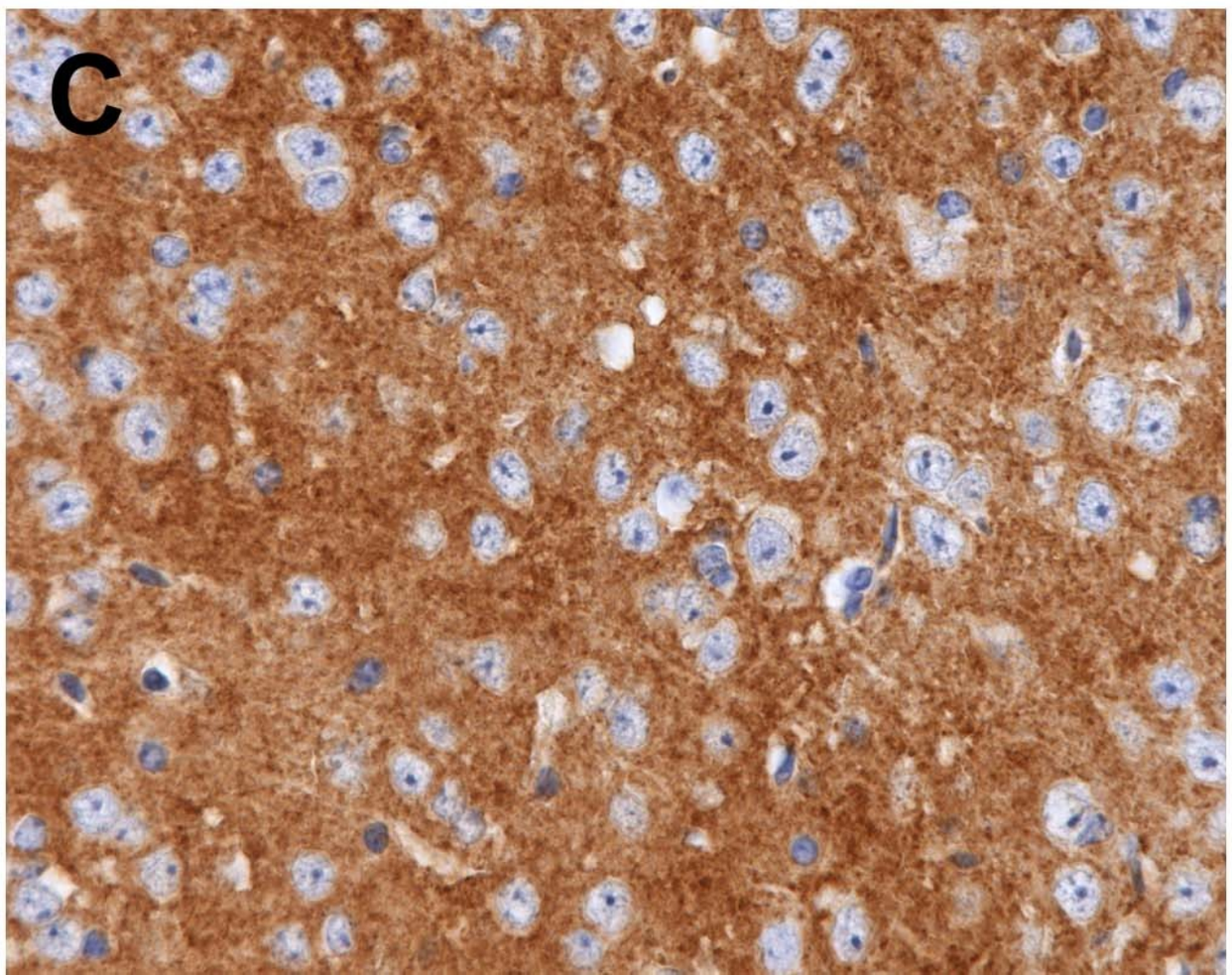
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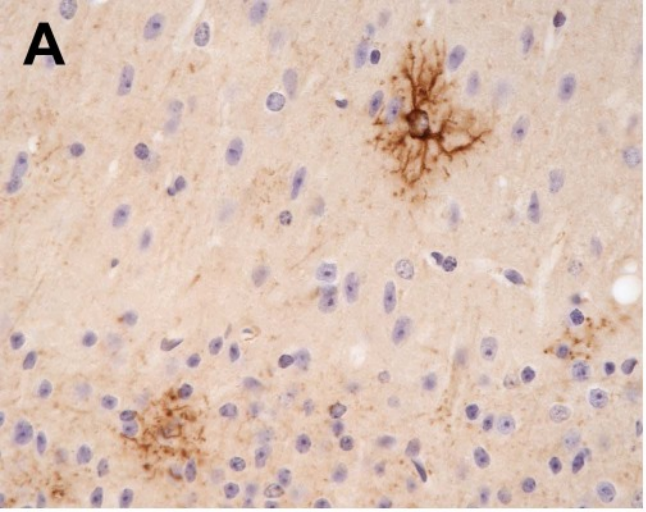
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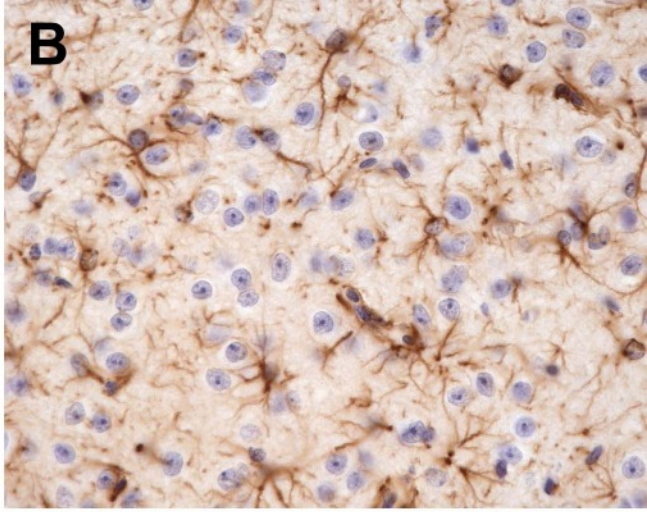
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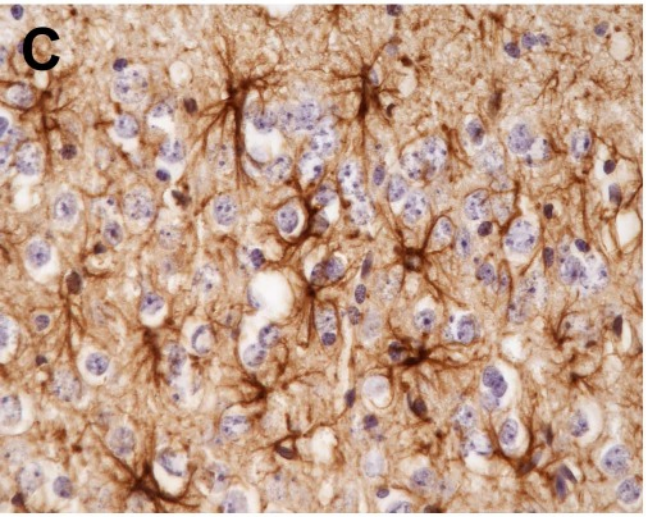
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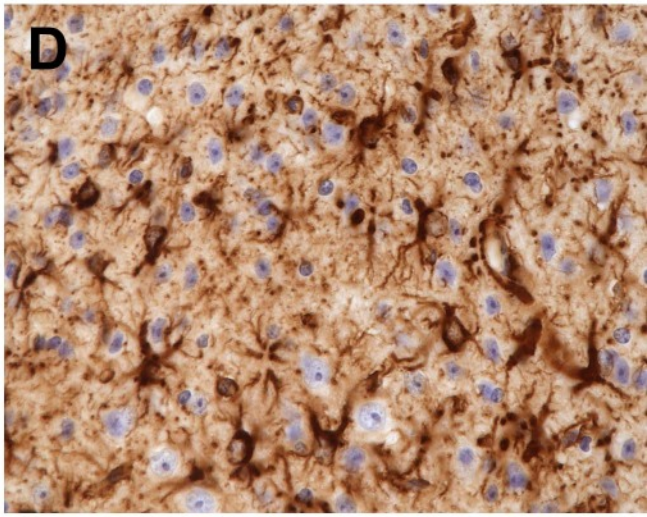
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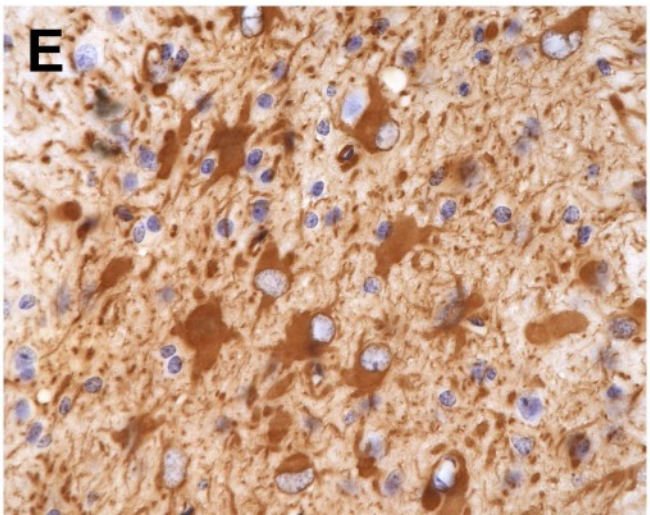
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