

	LP #1	LP #2	LP #3
Pat. #1	<b>OCB +/2</b> , M, A, QIgG neg	OCB -/1, M, Rem, QIgG neg	Not done
Pat. #2	OCB -/1, B, A, QIgG neg	<b>OCB +/2</b> , B, A, QIgG neg	Not done
Pat. #3	OCB -/4, B, A, QIgG nd	OCB -/1, B, Rem, QIgG neg	Not done
Pat. #4	OCB -/4, M, A, QIgG nd	OCB -/1, M, A, QIgG nd	OCB -/4, M, Rem, QIgG neg

**Supplementary Table 2.** Variations in OCB positivity over time. In 1 patient, OCB disappeared over the course of disease (absent 61 days after the initial LP following steroid treatment and during remission); in 1 patient, OCB were absent in the initial sample but were detectable in a follow-up sample taken 24 days later, respectively. Note that QIgG was normal in the OCB-positive samples, indicating low levels of intrathecal IgG synthesis. A = acute attack; B = brain/brainstem/cerebellar disease (last attack before LP); M = myelitis (last attack before LP); OCB = oligoclonal bands; ON = optic neuritis (last attack before LP); QIgG = CSF/serum immunoglobulin G ratio; Rem = remission