**Figure e-1. Proton magnetic resonance spectroscopy.** Single voxel proton magnetic resonance spectroscopy (HMRS) was performed at Day 24 of a large frontal PML lesion (A) and an MS lesion that evolved concurrently (B). For the PML lesion, the MR spectrum demonstrated severe loss of N-acetylaspartate (NAA) and accumulation of lipids (A), indicating severe tissue damage and necrosis. In contrast, the MS lesion showed only moderate reduction of NAA levels (B).