Figure S1—REM sleep tonic and phasic activity from an 8-year-old girl with NT1 during nocturnal PSG.

30-second epochs are presented. (A) Epoch of stage N3 sleep for comparison. (B) Epoch of REM sleep tonic activity. Note chin EMG tone in stage R sleep is comparable to stage N3 sleep chin EMG tone. (C) Epoch of REM sleep phasic activity. While there are no characteristic eye movements in this epoch, the immediately proceeding and following epochs had characteristic rapid eye movements. Mixed, low amplitude EEG activity consistent with REM sleep is present. EEG = electroencephalogram, EMG = electromyogram, NT1 = narcolepsy type 1, PSG = polysomnography, REM = rapid eye movement.