

Suppl Table 2: Semi-quantitative PCR of neurotropic viruses in biopsy specimens and CMV serology

Sample name	CMV Serology (IgM/IgG)
	IgM(0.85-1.2);IgG(5-15)
Epileptic 1	NEG (0.11)/NEG (0.6)
Epileptic 2	NA
Epileptic 3	NA
Epileptic 4	NEG (0.07)/NEG (0.1)
Epileptic 5	NA
GBM 1	NA
GBM 2	NA
GBM 3	NA
GBM 4	NA
GBM 5	NEG (0.05)/NEG (0.1)
GBM 6	NEG (0.18)/POS (69.9)
GBM 7	NEG (0.13)/POS (16.1)
GBM 8	NA
GBM 9	NA
GBM 10	NEG (0.09)/POS (130.7)
GBM 11	NEG (0.14)/POS (91.4)
GBM 12	NEG (0.13) / NEG(0)
GBM 13	NEG (0.14) / POS (25.8)
GBM 14	NEG (0.09) / NEG (0)
GBM 15	NEG (0.16) / POS (11.2)
GBM 16	NEG (0.11) / NEG (0)
GBM 17	NEG (0.14) / NEG (0)
GBM 18	NEG(0.26) / POS (45.0)
GBM 19	NEG (0.72) / POS (164.3)
GBM 20	NEG (0.23) / POS (96.0)
GBM 21	NEG (0.59) / POS (147.7)
GBM 22	NEG (0.11) / NEG (0)
GBM 23	NEG (0.13) / NEG (0.1)
GBM 24	NEG (0.25) / POS (98.6)
GBM 25	NEG(0.39) / POS (100.5)
GBM 26	Grayzone (0.92) / POS (> 250)
GBM 27	NEG (0.21) / POS (155.1)
GBM 28	NEG (0.09) / NEG (0.2)
GBM 29	NEG (0.25) / NEG (0)
GBM 30	NEG (0.1) / NEG (0)
GBM 31	NEG (0.21) / NEG (0.1)
Oligodendroglioma 1	NEG (0.06)/NEG (0.5)
Melanoma Brain Metastasis 1	NEG (0.2)/POS (66.5)
Melanoma Brain Metastasis 2	NA
Breast carcinoma Brain Metastasis	NEG (0.36)/POS (156.9)
Astrocytoma grade II A	NA
Astrocytoma grade II B	NA
Astrocytoma grade III	NA
Ependymoma	NA
Meningioma 1	NEG (0.15)/NEG (3.3)
Meningioma 2	NA
Schwannoma	NA
Oligoastrocytoma III	NA

The presence of the following common neurotropic viruses: cytomegalovirus (CMV), Epstein Barr Virus (EBV), herpes simplex virus (HSV), human herpes-6 virus, measles virus, parechovirus, JC virus, enterovirus, and varicella zoster virus were screened in 48 biopsies and none of these viruses were detected via semi-quantitative PCR, with the exception of Meningioma 2, which gave a signal for enterovirus at the limit of detection (39.2 Ct). 16/31 patients had an IgG positive serology in plasma that correspond to the usual recurrence of CMV in the population. NEG: negative; POS: positive; NA: not available.