A dataset for stimulated Raman imaging of human brain tumors from 12 surgical cases.

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Fa-Ke Lu,[1,2] David Calligaris,[1] Olutayo I. Olubiyi,[1] Isaiah Norton,[1] Wenlong Yang,[2] Sandro Santagata,[3,4*] X. Sunney Xie,[2*] Alexandra J. Golby,[1,5*] and Nathalie Y. R. Agar[1,4,5*]

[1]Department of Neurosurgery, Brigham and Women's Hospital, Harvard Medical School, Boston, Massachusetts, USA.
[2]Department of Chemistry and Chemical Biology, Harvard University, Cambridge, Massachusetts, USA.
[3]Department of Pathology, Brigham and Women's Hospital, Harvard Medical School, Boston, Massachusetts, USA.
[4]Department of Cancer Biology, Dana-Farber Cancer Institute, Boston, Massachusetts, USA.
[5]Department of Radiology, Brigham and Women's Hospital, Harvard Medical School, Boston, Massachusetts, USA.

[*]To whom correspondence should be addressed. Emails: ssantagata@bics.bwh.harvard.edu, xie@chemistry.harvard.edu, agolby@bwh.harvard.edu, or Nathalie_Agar@dfci.harvard.edu.

Case No.	Specimen No.	Tumor type of the case	WHO grade	Tissue status
9	(4) D34, D38, D42, D43	Glioblastoma (GBM)	IV	Frozen
15	(4) B2, C3, H8, K11	Anaplastic oligodendroglioma	III	Frozen
22	(5) #1, #2, #3, #4, #5	Glioblastoma (GBM)	IV	Frozen
37	(5) 6A, 6B, 6C, BL1, BL5	Oligoastrocytoma	II to III	Frozen
39	(1) BL6	Anaplastic oligoastrocytoma	III	Frozen
42	(3) A1, B2, J10	Epilepsy		Frozen
43	(3) A1#1, A1#2, A1#4	Focal cortical dysplasia		Fresh
44	(1) BL5E#1	Recurrent/residual Oligodendroglioma	II	Fresh
44	(5) BL5E#2, 6F, 7G, 8H, 10J	Oligodendroglioma	II	Frozen
46	(4) 02, 03#1, 03#2, 03#3	Recurrent/residual Glioblastoma (GBM)	IV	Fresh
50	(2) 12#1, 12#2	Metastatic malignant melanoma		Fresh
52	(2) 02, 04	Recurrent/residual Glioblastoma (GBM, gliosarcoma)	IV	Fresh
A1	(2) 4-4#1, 4-4#2	Autopsy (normal)		Frozen

Total number of cases: 12; total of specimens: 41.