Table SI. All clinical information for the patients recruited in the study.

Age	Sex	Sample	Grade	Site of sample	Date of collection	Diagnosis
66	F	GBM	4	Right basal ganglia	07/12/2012	GBM
39	M	GBM	4	Left frontal lobe	20/11/2012	GBM
75	F	GBM	4	Right parietal lobe	17/12/2012	GBM
44	M	GBM	4	Right temporal lobe and insula	20/12/2012	GBM
53	M	GBM	4	Right temporal lobe	14/05/2013	GBM
21	M	GBM	4	Right corpus callosum	28/05/2013	GBM
36	F	GBM	4	Right frontal lobe	05/06/2013	GBM
56	M	GBM	4	Left frontal lobe	11/07/2013	GBM
39	F	GBM	4	Left temporal lobe and occipital lobe	16/09/2013	GBM
39	M	GBM	4	Right parietal lobe	24/09/2013	GBM
67	F	GBM	4	Left parietal lobe and occipital lobe	19/08/2013	GBM
60	M	GBM	4	Left temporal lobe and occipital lobe	14/06/2013	GBM
43	F	GBM	4	Left frontal lobe	18/07/2013	GBM
51	F	GBM	4	Right temporal lobe and occipital lobe	08/01/2014	GBM
31	M	GBM	4	Left temporal lobe	16/01/2014	GBM
66	F	NB	4	Right basal ganglia	27/02/2014	GBM
39	M	NB	4	Left frontal lobe	06/03/2014	GBM
75	F	NB	4	Right parietal lobe	13/03/2014	GBM
44	M	NB	4	Right temporal lobe and insula	21/03/2014	GBM
45	F	NB	0	Left frontal lobe	10/04/2014	Brain trauma
21	M	NB	0	Right parietal lobe	24/04/2014	Brain trauma
19	F	NB	0	Left temporal lobe	16/05/2014	Brain trauma
67	F	NB	0	Left temporal lobe	27/05/2014	Brain trauma
45	M	NB	0	Right temporal lobe	09/06/2014	Brain trauma
34	F	NB	0	Left temporal lobe	16/06/2014	Brain trauma
32	M	NB	0	Left temporal lobe	24/06/2014	Brain trauma
29	F	NB	0	Right parietal lobe	09/07/2014	Brain trauma
59	M	NB	0	Left parietal lobe	16/09/2014	Brain trauma
21	F	NB	0	Right parietal lobe	23/09/2014	Brain trauma
14	F	NB	0	Right temporal lobe	09/10/2014	Brain trauma

GBM, glioblastoma; NB, normal brain; M, male; F, female. The clinical samples were grouped preoperatively as the column 'sample' and in the column 'diagnosis' according to the pathological diagnosis after surgery.