

Supplementary Materials

# Changes in Brain Energy and Membrane Metabolism in Glioblastoma Following Chemoradiation

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**Table S1.** Analysed individuals and analysed voxels (total voxels minus excluded outliers) reported in Figure 3:.

		Individuals	Voxels	Outliers
PCr/ATP	Baseline	20	154	2
	Follow up	15	70	0
	Control	125	3030	8
PCr/Pi	Baseline	20	154	4
	Follow up	15	70	0
	Control	125	3030	33
Pi/ATP	Baseline	20	154	5
	Follow up	15	70	2
	Control	125	3030	27
PME/PDE	Baseline	20	154	1
	Follow up	15	70	3
	Control	125	3030	22
PME/PCr	Baseline	20	154	2
	Follow up	15	70	0
	Control	125	3030	7
PDE/ATP	Baseline	20	154	4
	Follow up	15	70	3
	Control	125	3030	13

**Table S2.** Analysed individuals and analysed voxels (total voxels minus excluded outliers) reported in Figure 4:.

		Individuals	Adjacent		Distant ipsilateral		Contralateral	
			Voxels	Outliers	Voxels	Outliers	Voxels	Outliers
PCr/ATP	Baseline	20	255	6	476	2	693	0
	Follow up	20	235	3	490	5	651	0
	Control	125	3030	8	3030	8	3030	8
PCr/Pi	Baseline	20	255	0	476	10	693	7
	Follow up	20	235	8	490	10	651	11
	Control	125	3030	33	3030	33	3030	33
Pi/ATP	Baseline	20	255	4	476	6	693	7
	Follow up	20	235	7	490	9	651	5
	Control	125	3030	27	3030	27	3030	27
PME/PDE	Baseline	20	255	0	476	4	693	2
	Follow up	20	235	5	490	9	651	1
	Control	125	3030	22	3030	22	3030	22
PME/PCr	Baseline	20	255	0	476	3	693	4
	Follow up	20	235	0	490	7	651	1
	Control	125	3030	7	3030	7	3030	7
PDE/ATP	Baseline	20	255	0	476	5	693	2

<b>Follow up</b>	20	235	9	490	4	651	0
<b>Control</b>	125	3030	13	3030	13	3030	13

**Table S3.** Analysed individuals and analysed voxels (total voxels minus excluded outliers) reported in Figure 5

		Individuals	Adjacent		Distant ipsilateral		Contralateral	
			Voxels	Outliers	Voxels	Outliers	Voxels	Outliers
PCr/ATP	SD	5	35	2	147	4	172	0
	PD	15	200	1	343	2	479	0
PCr/Pi	SD	5	35	2	147	3	172	5
	PD	15	200	2	343	9	479	9
Pi/ATP	SD	5	35	0	147	0	172	2
	PD	15	200	7	343	9	479	3
PME/PDE	SD	5	35	0	147	0	172	0
	PD	15	200	6	343	8	479	1
PME/PCr	SD	5	35	0	147	0	172	0
	PD	15	200	0	343	7	479	7
PDE/ATP	SD	5	35	0	147	0	172	0
	PD	15	200	3	343	4	479	4