

Table S2.

	Patient ID	Age	Sex	Diagnosis	Treatment	EDSS	Gd+ on MRI
Healthy controls	HC_1	56	M	HC	na	na	na
	HC_2	36	F	HC	na	na	na
	HC_3	45	F	HC	na	na	na
	HC_4	38	M	HC	na	na	na
	HC_5	37	M	HC	na	na	na
	HC_6	33	F	HC	na	na	na
	HC_7	22	M	HC	na	na	na
	HC_8	43	M	HC	na	na	na
	HC_9	31	M	HC	na	na	na
	HC_10	39	M	HC	na	na	na
	HC_11	43	M	HC	na	na	na
	HC_12	63	M	HC	na	na	na
	HC_13	39	M	HC	na	na	na
	HC_14	34	M	HC	na	na	na
	HC_15	63	F	HC	na	na	na
	HC_16	64	M	HC	na	na	na
	HC_17	45	M	HC	na	na	na
	HC_18	62	M	HC	na	na	na
	HC_19	51	M	HC	na	na	na
	HC_20	61	F	HC	na	na	na
	HC_21	62	M	HC	na	na	na
	HC_22	44	M	HC	na	na	na
	HC_23	32	M	HC	na	na	na
	HC_24	24	M	HC	na	na	na
	HC_25	30	F	HC	na	na	na
	HC_26	59	M	HC	na	na	na
	HC_27	38	M	HC	na	na	na
	HC_28	34	M	HC	na	na	na
	HC_29	47	F	HC	na	na	na

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	HC_30	58	M	HC	na	na	na
	HC_31	64	M	HC	na	na	na
	HC_32	29	M	HC	na	na	na
<b>RRMS<sub>Remission</sub></b>	RRMS_1	61	M	RRMS	Off treatment	2.0	no
	RRMS_2	42	F	RRMS	Treatment naive	3.0	no
	RRMS_3	39	F	RRMS	Treatment naive	1.0	no
	RRMS_4	42	F	RRMS	Treatment naive	0.0	no
	RRMS_5	47	F	RRMS	Treatment naive	2.0	no
	RRMS_6	59	M	RRMS	Off treatment	3.0	no
	RRMS_7	61	F	RRMS	Treatment naive	1.5	no
	RRMS_8	37	F	RRMS	Treatment naive	2.0	no
	RRMS_9	31	F	RRMS	Treatment naive	0	no
	RRMS_10	51	M	CIS	Treatment naive	1.0	no
	RRMS_11	36	F	RRMS	Treatment naive	1.0	no
	RRMS_12	41	F	RRMS	Treatment naive	2.0	no
	RRMS_13	31	F	RRMS	Treatment naive	1.0	no
	RRMS_14	21	F	RRMS	Treatment naive	0	no
	RRMS_15	41	F	RRMS	Treatment naive	2.5	no
	RRMS_16	32	F	RRMS	Treatment naive	1.5	no
	RRMS_17	31	F	RRMS	Treatment naive	2.0	no
	RRMS_18	38	M	RRMS	Treatment naive	3.0	no
	RRMS_19	47	F	RRMS	Treatment naive	2.0	no
	RRMS_20	31	F	CIS	Treatment naive	2.0	no
	RRMS_21	19	M	CIS	Treatment naive	2.0	no
	RRMS_22	36	M	RRMS	Treatment naive	1.5	no
<b>RRMS<sub>Relapse</sub></b>	RRMS_relapse_1	55	F	RRMS	Treatment naive	4.5	yes
	RRMS_relapse_2	38	F	RRMS	Treatment naive	3.5	yes
	RRMS_relapse_3	39	F	RRMS	Treatment naive	2.0	yes
	RRMS_relapse_4	38	F	RRMS	Treatment naive	1.0	no
	RRMS_relapse_5	38	F	RRMS	Treatment naive	1.5	yes
	RRMS_relapse_6	35	F	CIS	Treatment naive	2.0	yes
	RRMS_relapse_7	37	F	CIS	Treatment naive	2.5	yes
	RRMS_relapse_8	21	F	RRMS	Treatment naive	1.5	yes

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<b>RRMS_relapse_9</b>	41	F	RRMS	Treatment naive	2.0	yes
<b>RRMS_relapse_10</b>	48	F	RRMS	Treatment naive	2.0	yes
<b>RRMS_relapse_11</b>	39	F	RRMS	Treatment naive	3.0	yes

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Abbreviations: CIS=clinically isolated syndrome, EDSS=Expanded Disability Status Scale, F=female, Gd+=gadolinium-enhancing lesion, M=male, na=not applicable, MRI=magnetic resonance imaging, HC=healthy control, RRMS=relapsing-remitting multiple sclerosis