



Figure S1. Genotype frequency of the current polymorphisms in healthy controls and MS patients.

**Table S1.** Genotype distribution for miR-146a and miR-223 between types of MS patients

	<b>miR-146a (rs2910164)</b>				<b>miR-223 (rs1044165)</b>			
	<i>GG</i>	<i>GC</i>	<i>CC</i>	<i>P value</i>	<i>CC</i>	<i>CT</i>	<i>TT</i>	<i>P value</i>
<b>RRMS</b>	120	102	10		157	65	10	
<b>SPMS</b>	11	7	3	0.59	14	6	1	0.48
<b>PPMS</b>	5	2	1		6	2	0	

**Table S2.** miR-146a and miR-223 genotypes distribution and gender in MS patients and gender matched controls

Genotype		Health control		P value	MS patients		P value
		<b>Male n=108</b>	<b>Female n=142</b>		<b>Male n=75</b>	<b>Female n=186</b>	
<b>miR-146a</b> (rs2910164)	GG	81	109	0.98	40	96	0.96
	GC	22	31		31	80	
	CC	3	4		4	10	
<b>miR-223</b> (rs1044165)	CC	88	117	0.99	53	124	0.821
	CT	14	19		19	54	
	TT	5	7		3	8	