

Supplementary Table S1. Deleterious rare variants in the PMR patients.

Gene	Location	Reference ID number	Nucleic acid change	Amino acid change	Number of deleterious alleles in the PMR patients	Frequencies in the Japanese populations
<i>NLRP12</i>	chr19:53794089	rs146786265	c.3149C>T	p.Ala1050Val	2 alleles	0.008057
	chr19:53804094	rs1435753276	c.2446G>T	p.Ala816Ser	1 allele	0.000026
	chr19:53811030	rs377594629	c.629C>T	p.Pro210Leu	1 allele	0.001304
	chr19:53824150	rs762604819	c.25G>A	p.Gly9Ser	1 allele	0.001588
<i>PLCG2</i>	chr16:81895901		c.1167C>G	p.Ile389Met	1 allele	0.000013
	chr16:81912602	rs751244429	c.1940A>C	p.Tyr647Ser	1 allele	0.000956
<i>NLRP3</i>	chr1:247434110	rs772009059	c.2335C>T	p.Arg779Cys	1 allele	0.000310
<i>MEFV</i>	chr16:3243343	rs55901263	c.2144C>G	p.Pro715Arg	1 allele	0.000077

PMR: polymyalgia rheumatica.