

Supplementary Materials: Leptin Receptor (rs1137101) and Brain-Derived Neurotrophic Factor (rs925946) Gene Variants Are Associated with Obesity in the Early- but Not in the Late-Onset Population of Hungarian Psoriatic Patients

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Table S1. Patient characteristics.

	All Patients N = 574	Early Onset N = 362	Late Onset N = 212	Early vs. Late Onset <i>p</i> -value
Mean age (year) ± SD	50.29 ± 15.55	43.92 ± 14.95	61.18 ± 9.24	<0.001
Gender (%)				0.072
Male	355 (61.8%)	234 (64.6%)	121 (57.1%)	
Female	219 (38.2%)	128 (35.4%)	91 (42.9%)	
BMI (%)				<0.001
Normal weight	122 (21.2%)	95 (26.2%)	27 (12.7%)	
Overweight	183 (31.9%)	115 (31.8%)	68 (32.1%)	
Obese	269 (46.9%)	152 (42.0%)	117 (55.2%)	
Familial form (%)				<0.001
Sporadic	403 (70.2%)	226 (62.4%)	177 (83.5%)	
Familial	171 (29.8%)	136 (37.6%)	35 (16.5%)	
Severity (%)				0.550
Mild/Moderate	117 (20.4%)	71 (19.6%)	46 (21.7%)	
Severe	457 (79.6%)	291 (80.4%)	166 (78.3%)	

SD – standard deviation.

Table S2. The studied genes, the effect alleles and the comparison of allele frequencies in the study groups.

Gene/SNP	Effect Allele	<i>Hungarian General Psoriatic Population population (N = 2967)</i>		<i>P</i> -Value
		Effect Allele Frequency	Effect Allele Frequency	
<i>LEPR</i> rs1137101	G	0.4584	0.4649	0.6667
<i>NEGR1</i> rs2815752	A	0.66	0.6906	0.03328
<i>TMEM18</i> rs2867125	C	0.8145	0.8456	0.007857
rs6548238	C	0.8137	0.8427	0.01307
<i>PPARG</i> rs1801282	C	0.8746	0.8661	0.4041
<i>ADIPOQ</i> rs2241766	G	0.1086	0.08843	0.02966
rs1501299	T	0.288	0.2785	0.4912
<i>GNPDA2</i> rs10938397	G	0.4539	0.4464	0.6204
<i>NPY</i> rs16139	C	0.04545	0.05013	0.4699

<i>BDNF</i>				
rs925946	T	0.2552	0.2711	0.2372
rs6265	C	0.8036	0.8195	0.1852
<i>UCP2</i>				
rs660339	G	0.5926	0.6053	0.3958
rs659366	C	0.632	0.6414	0.5323
<i>FTO</i>				
rs6499640	A	0.5878	0.6056	0.235
rs1558902	A	0.453	0.4544	0.9285
rs1121980	A	0.4682	0.4733	0.7343
rs9939609	A	0.438	0.4471	0.5528
rs9941349	T	0.447	0.453	0.22
<i>MC4R</i>				
rs17782313	C	0.222	0.2302	0.5219
rs12970134	A	0.2429	0.2464	0.792

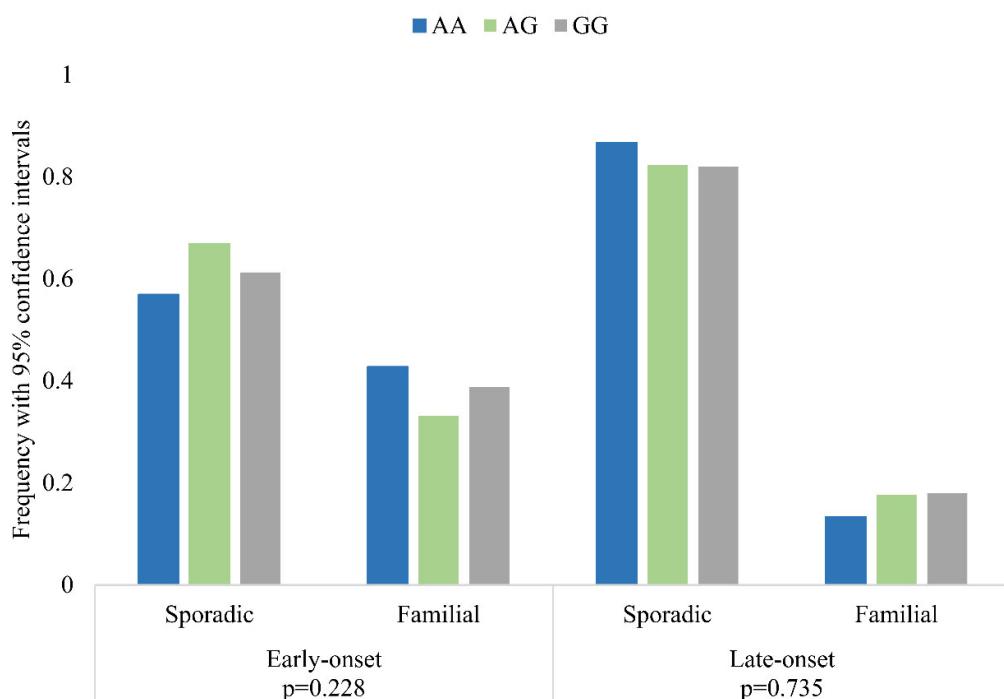


Figure S1. The frequency of different genotypes in sporadic and familial form among early- and late-onset psoriatic patients.