

Supplementary Table S9 Genetic variants associated with the level of fatigue in patients with primary Sjögren's syndrome at suggestive significance ($p < 1 \times 10^{-5}$) in the meta-analysis of the Norwegian, Swedish, UK and USA cohorts

Variant	Chr	Locus	Major/minor allele	Meta-analysis Norway/Sweden/UK/USA			
				P-value	Beta ^a	Q ^b	I ^c
rs10048170	17	<i>LHX1/LHX1-DT</i>	C/T	9.56E-07	7.07	0.84	0
rs4509075	5	<i>LOC102723654</i>	T/C	3.04E-06	-8.68	0.77	0

Variant	Norway				Sweden				UK				USA			
	MAF	P value	Beta ^a	SE	MAF	P value	Beta ^a	SE	MAF	P value	Beta ^a	SE	MAF	P value	Beta ^a	SE
rs10048170	0.46	6.18E-03	7.10	2.57	0.46	3.10E-03	9.11	3.03	0.44	4.19E-02	7.15	3.49	0.49	4.66E-02	5.39	2.69
rs4509075	0.17	3.80E-02	-7.08	3.40	0.17	3.44E-03	-11.41	3.84	0.14	2.21E-02	-10.68	4.62	0.16	3.69E-02	-7.08	3.37

^a The beta value refers to the regression coefficient of the quantitative trait analysis and represents the effect size of the minor allele on the level of fatigue as determined as fVAS (mm).

^b Cochrane's Q statistic p-value

^c I² heterogeneity index

MAF, minor allele frequency; SE, standard error