

Gene or genetic locus	Chromosomal location	Protein name	Protein function
<i>Innate Immunity</i>			
<i>IRF5*</i>	7q32	Interferon regulatory factor 5	Transcription factor of the type I IFN pathway
<i>TNIP1*</i>	5q33.1	TNFAIP3-interacting protein 1	Inhibitor of TNF signalling via interference with A20 (also known as TNFAIP3)
<i>FCGR2B</i>	1q23	Low affinity IgG Fc region receptor IIb	Fc receptor
<i>TNF</i>	6p21.3	TNF	Proinflammatory cytokine
<i>LTA</i>	6p21.3	Lymphotoxin- $\alpha$	Proinflammatory cytokine
<i>MBL2</i>	10q11.2	Mannose-binding protein C	Pattern recognition receptor
<i>NCR3</i>	6p21.3	Natural-cytotoxicity-triggering receptor 3	NK-cell-activating receptor
<i>NFKBIA</i>	14q13	NF $\kappa$ B inhibitor $\alpha$ (also known as I $\kappa$ B- $\alpha$ )	Inhibitor of NF $\kappa$ B
<i>Adaptive Immunity</i>			
MHC/HLA region*	6p21.3	Various proteins; <sup>14</sup> MHC class II alleles, in particular, are associated with pSS <sup>87</sup>	Antigen presentation. In particular, presentation of antigens by professional APCs has been implicated as a risk factor for pSS <sup>87</sup>
<i>TAP2</i>	6p21.3	Antigen peptide transporter 2	Antigen processing
<i>STAT4*</i>	2q32.2	Signal transducer and activator of transcription 4	Transcription factor of the type II IFN pathway
<i>IL12A*</i>	3q25.33	IL-12 subunit $\alpha$	T $_{H}1$ -cell-activating and NK-cell-activating cytokine
<i>TNFRSF4</i>	1q25	OX40L receptor	Survival, proliferation and activation of T cells
<i>BLK*</i>	8p23-p22	B lymphocyte kinase	B-cell receptor signalling
<i>EBF1</i>	5q34	Early B-cell factor	Transcription factor involved in B-cell development
<i>PTPN22</i>	1p13.2	Tyrosine-protein phosphatase nonreceptor type 22	B-cell receptor and T-cell receptor signalling
<i>CXCR5*</i>	11q23.3	CXC chemokine receptor 5	Chemokine involved in B-cell follicle organization
<i>IL10</i>	1q31-q32	IL-10	Anti-inflammatory cytokine