

Supplemental Table S1. Prevalence of each specific autoimmune disease in the general population cohort (N = 703,009)

Autoimmune disease	N (% of cohort)
Gout	180062 (1.78)
Rheumatoid arthritis	171969 (1.7)
Psoriasis vulgaris	106668 (1.06)
Crohn's and ulcerative colitis	75405 (0.75)
Autoimmune thyroiditis	68187 (0.68)
Systemic lupus erythematosus	45563 (0.45)
Multiple sclerosis	29979 (0.3)
Sjogren's	27825 (0.28)
Polymyalgia rheumatica	24255 (0.24)
Celiac disease	17053 (0.17)
Sarcoidosis	13710 (0.14)
Myasthenia gravis	12682 (0.13)
Alopecia areata	11649 (0.12)
Ankylosing spondylitis	11452 (0.11)
Vitiligo	9166 (0.09)
Immune thrombocytopenic purpura	8514 (0.08)
Undifferentiated spondyloarthropathy	8142 (0.08)
Systemic sclerosis	5114 (0.05)
Autoimmune hepatitis	3987 (0.04)
Primary biliary cirrhosis	3571 (0.04)
Dermatopolymyositis	3544 (0.04)
Pemphigus and pemphigoid	3455 (0.03)
Juvenile arthritis	2995 (0.03)
Primary adrenocortical insufficiency	2931 (0.03)
Guillain-Barré	2135 (0.02)
Tubulointerstitial nephritis	2132 (0.02)
Autoimmune hemolytic anemia	1884 (0.02)
Granulomatosis with polyangiitis	1538 (0.02)
Polyarteritis nodosa	1086 (0.01)
Psoriatic and enteropathic arthritis	992 (0.01)
Behcet's	752 (0.01)
Relapsing polychondritis	334 (0.003)
Autoimmune polyglandular failure ^a	196 (0.002)
Reactive arthritis	176 (0.002)
Lambert-Eaton	82 (0.001)