E03 (Hypothyroidism)
K900 (Celiac disease)
L40 (Psoriasis)
J45 (Asthma)
K51 (Ulcerative colitis)
E10 (Type 1 diabetes mellitus)
M06 (Seronegative rheumatoid arthritis)
G35 (Multiple sclerosis)
M05 (Seropositive rheumatoid arthritis)
I10
E78 (Liprotein metabolism disorders)
I21 (Myocardial infarction)
I25 (Chronic ischemic heart disease)
I20 (Angina pectoris)
E83 (Disorders of mineral metabolism)
I83 (Varicose veins of the lower extremities)
K573 (Diverticular disease of large intestine)
E11 (Type 2 diabetes mellitus)
M17
M16
E66
J44
K21 (Gastro-esophogeal reflux disease)
N39 (Disorders of the urinary system)
E16 (Disorders of the pancreatic secretion)
D64 (Other anemias)
N40 (Benign prostatic hyperplasia)
K621 (Rectal polyp)
K635 (Polyp of colon)
M72
M10
M19
M81
D50
D86
J43
I70
K50
Z880
D68
J34
K30
M13
F01 (Vascular dementia)
G30 (Alzheimer's disease)
H25
I50
N18 (Chronic kidney disease)
I12 (Hypertensive chronic kidney disease)
H40
K26
K76 (Other diseases of liver)
K74 (Fibrosis and cirrhosis of the liver)
F32
F31
F41
K82
N80
L93
G47
G20
G43
F10
N28
I42
F20
K922
N41
R00
I95
K86
K58
M65
Z887
K25
G40
M62
Z886
M41
D70
Z885

Cluster Color	Cluster Label	Number of shared significant genes ($p < 2.83 \times 10^{-6}$)
	Immunological 1	181
	Immunological 2	96
	Metabolic	2
	Assorted	0
	Polyp	43
	Alzheimer's/Dementia	8
	Kidney	9
	Liver	25

1200 1100 1000 900 800 700 600 500 400 300 200