

Supplemental table 1 Characteristics of GWAS datasets

GWAS ID	Trait	Population	Case Number	Control Number	SNPs	Web Link
ukb-a-101	malabsorption/ coeliac disease	European	1452	335707	10894596	http://www.nealelab.is/blog/2017/7/19/rapid-gwas-o
ukb-a-76	hyperthyroidism/ thyrotoxicosis	European	2547	334612	10894596	f-thousands-of-phenotype
ukb-a-77	hypothyroidism/ myxoedema	European	16376	320783	10894596	s-for-337000-samples-in-t
ukb-b-8631	malabsorption/ coeliac disease	European	1989	460944	9851867	https://data.bris.ac.uk/dat
ukb-b-20289	hyperthyroidism/ thyrotoxicosis	European	3545	459388	9851867	a/dataset/pnoat8cxo0u52
ukb-b-19732	hypothyroidism/ myxoedema	European	22687	440246	9851867	p6ynfaekeigi