

Table S4. Association results in the Icelandic data for SNVs previously reported to associate with B₁₂ levels in GWAS

SNV name	Nearest gene	Chr.	Position (build 36/hg18)	Reference	Alleles (effect/other)	EAF	Effect	P
rs10515552*	None	5	145019024	[1]				
rs9473558	MUT	6	49520392	[2]	T/C	0.401	-0.061	1.4×10^{-16}
rs9473555	MUT	6	49517446	[2]	C/G	0.402	-0.062	5.4×10^{-17}
rs526934	TCN1	11	59390069	[2]	G/A	0.296	-0.119	2.3×10^{-48}
rs2298585	MSRA	11	59593768	[1]	T/C	0.001	0.214	0.075
rs601338	FUT2	19	53898486	[2,3]	G/A	0.384	-0.162	2.4×10^{-95}
rs1047781*	FUT2	19	53898443	[1]				
rs3760776	FUT6	19	5790746	[1]	A/G	0.071	0.068	4.4×10^{-6}

*These markers are only present in East-Asia. References: 1. Lin X, Lu D, Gao Y, Tao S, Yang X, et al. (2012) Genome-wide association study identifies novel loci associated with serum level of vitamin B12 in Chinese men. Hum Mol Genet 21: 2610-2617. 2. Hazra A, Kraft P, Lazarus R, Chen C, Chanock SJ, et al. (2009) Genome-wide significant predictors of metabolites in the one-carbon metabolism pathway. Hum Mol Genet 18: 4677-4687. 3. Hazra A, Kraft P, Selhub J, Giovannucci EL, Thomas G, et al. (2008) Common variants of FUT2 are associated with plasma vitamin B12 levels. Nat Genet 40: 1160-1162.