

SUPPLEMENTARY DATA

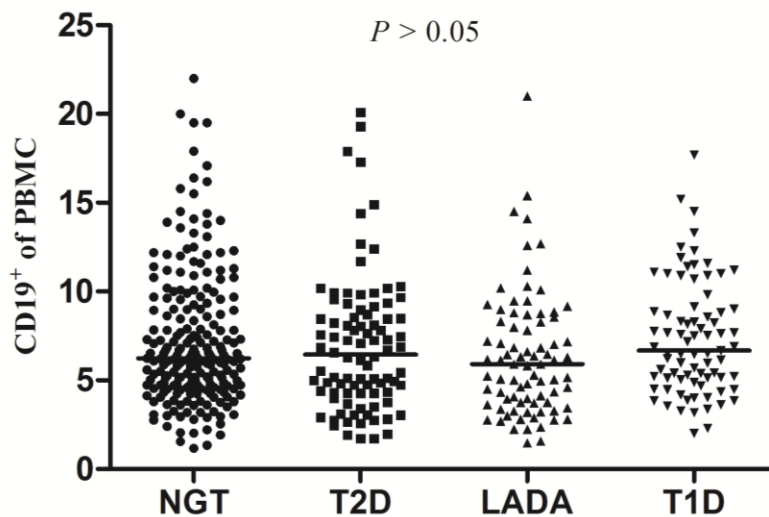
Supplementary Table 1. Anthropometric and metabolic data for age and gender matched participants

	NGT (n = 218)	T2D (n = 47)	LADA (n = 41)	T1D (n = 44)
Male (%)	40.4 (88/218)	51.1 (24/47)	56.1 (23/41)	50.0 (22/44)
Age (years)	41.37 ± 13.52	41.85 ± 8.06	41.98 ± 9.76	37.75 ± 14.97
BMI (kg/m ²)	23.10 ± 3.77	24.31 ± 3.43	21.69 ± 2.83 *††	20.41 ± 2.93 ***†††
SBP (mmHg)¶	111 (105 - 122)	120 (105 - 130)	115 (109 - 126)	110 (100 - 124)
DBP (mmHg)¶	74 (70 - 80)	80 (70 - 87)	77 (70 - 81)	72 (67 - 81)
TG (mmol/L) §	1.05 (0.69 - 1.61)	2.20 (1.24 - 3.21) ***‡‡‡	1.11 (0.79 - 1.72) ††	0.91 (0.68 - 1.69)
TC (mmol/L)	4.90 ± 1.00	5.31 ± 1.18	4.87 ± 1.11	4.68 ± 1.45
LDL-C (mmol/L)	2.74 ± 0.87	3.35 ± 0.96 **‡‡	3.09 ± 0.96 *	2.71 ± 1.30
HDL-C (mmol/L)¶	1.36 (1.14 - 1.58)	1.02 (0.80 - 1.18) ***‡‡‡	1.24 (0.91 - 1.42)	1.24 (0.89 - 1.74)
HbA _{1c} (%)¶	/	8.60 (5.90 - 10.80)	7.55 (6.65 - 12.70)	9.20 (7.35 - 11.93)
HbA _{1c} (mmol/mol)¶	/	70 (41 - 95)	59 (49 - 115)	77 (54 - 107)
FBG (mmol/L)¶	5.09 (4.70 - 5.40)	7.47 (6.39 - 11.09) ***	8.27 (6.31 - 11.54) ***	8.65 (6.43 - 13.10) ***
FCP (mmol/L)¶	0.42 (0.33 - 0.54)	0.51 (0.32 - 0.69)	0.19 (0.12 - 0.33) ***†††	0.07 (0.03 - 0.19) ***†††

¶, Data expressed as median values (25th-75th percentiles) and compared by the nonparametric Kruskal-Wallis test; §, Data expressed as median values (25th-75th percentiles) and compared after Log transformation. Other data expressed by Mean ± SD. Compared with NGT **P* < 0.05, ***P* < 0.01, ****P* < 0.001. Compared with T2D †*P* < 0.05, ††*P* < 0.01, †††*P* < 0.001; compared with T1D, ‡*P* < 0.05, ‡‡*P* < 0.01, ‡‡‡*P* < 0.001. LADA, patients with latent autoimmune diabetes in adults; N/A, not appropriate; NGT, normal glucose tolerance subjects; T1D, type 1 diabetic subjects; T2D, type 2 diabetic subjects.

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Supplementary Figure 1. The frequency of CD19⁺ B lymphocytes in subtypes of diabetes and controls. Each point represents the frequency of CD19⁺ B lymphocytes of an individual. Horizontal lines show medians. NGT, normal glucose tolerance subjects; LADA, latent autoimmune diabetes in adults subjects; T1D, type 1 diabetic subjects; T2D, type 2 diabetic subjects.



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Supplementary Figure 2. The frequency of B cell subsets in age and gender matched subjects. The frequency of MZB (A), FoB (B), T2-MZP B (C), B10 (D) cells gated on CD19⁺ B cells. *P* values refer to comparison of data after adjustment for BMI. Each point represents the percentage of B cell subsets of an individual. Horizontal lines show medians. * *P* < 0.05, ** *P* < 0.01, *** *P* < 0.001. NGT, normal glucose tolerance subjects; LADA, latent autoimmune diabetes in adults subjects; T1D, type 1 diabetic subjects; T2D, type 2 diabetic subjects.

