**Additional File 1**

**Type 1 Diabetic mellitus patients with increased atherosclerosis display decreased *CDKN2A/2B/2BAS* gene expression in leukocytes**

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**Additional Files**

**Table S1. Correlation studies of demographic and plasmatic parameters with CC-IMT.**

|  | **Rho Spearman** | **p value** |
| --- | --- | --- |
| **AGE** | 0.326 | 0.025\* |
| **BMI** | 0.348 | 0.030\* |
| **Glucose levels** | 0.349 | 0.010\* |
| **HbA1C levels** | 0.354 | 0.011\* |
| **TOTAL-C levels** | 0.266 | 0.054 |
| **LDL-C levels** | 0.314 | 0.022\* |
| **HDL-C** | -0.092 | 0.512 |
| **apoB levels** |  0.3461 | 0.011\* |

BMI: body mass index; TOTAL-C: total cholesterol; LDL-C: low density lipoprotein cholesterol; HDL-C: high density lipoprotein cholesterol; apoB: apolipoprotein B; CC-IMT: common carotid intima-media thickness; \*p<0.05; Statistical significance was assessed by non-parametric Spearman correlation coefficient.

**Table S2. Correlation between HbA1C and glucose levels and mRNA expression levels CD4+ differentiation transcription factors**

|  |  |
| --- | --- |
|  | **HbA1C** |
|  | **Rho spearman** | **p value** |
| ***TBET*** | -0.1831 | 0.1542 |
| ***GATA3*** | -0.1344 | 0.3019 |
| ***RORC*** | -0.2433 | 0.0589 |
| ***FOXP3*** | -0.6124 | 0.0061\* |
| ***SOCS1*** | -0.2477 |  0.0503\* |
| ***SOCS3*** |  -0.0709 | 0.5867 |
|  | **Glucose** |
|  | **Rho spearman** | **p value** |
| ***TBET*** | -0.0962 | 0.4495 |
| ***GATA3*** | -0.1709 | 0.1840 |
| ***RORC*** | -0.09889 |  0.4407 |
| ***FOXP3*** | -0.2803 | 0.0486\* |
| ***SOCS1*** | -0.3549 |  0.0037\* |
| ***SOCS3*** |  -0.02655 | 0.8363 |

\*p<0.05; Statistical significance was assessed by non-parametric Spearman correlation coefficient.

|  |  |  |
| --- | --- | --- |
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