

Supplementary Data:

Table S1. Correlation analysis for Log-NLRP3 with other parameters ILs in different groups (HC, PD, T2DM).

Parameters	Overall	HC	PD	T2DM
IL-1 α #	0	-0.18 *	0.45 **	0.12
IL-1 β #	0	-0.12	0.03	0.35 *
IL-33#	0.38 **	0.41**	0.38 **	0.27 *
IL-37#	0.14 *	0.11	0.19	0.19

Note: Data presented (R) co-efficient. # represent Log-transformed variables. * and ** denote *p*-values at 0.05 and 0.01 level, respectively.

Table S2. Correlation analysis for Log-NLRP3 with other parameters and ILs in males and females.

Parameters	Overall	Males	Females
IL-1 α #	0	-0.12	0.16 *
IL-1 β #	0	0.15	-0.08
IL-33#	0.38 **	0.46 **	0.24 **
IL-37#	0.14 *	0.02	0.16 *

Note: Data presented (R) co-efficient. # represented Log-transformed variables. * and ** denote *p*-values at 0.05 and 0.01 level, respectively.