Figure S1 Representative plots showing the gating strategy of flow cytometry analysis for dNK cells from a 10.5wk decidua. (**a**) Sample was processed and stained as described in Materials and Methods. To assess the dNK subsets and their population, singlets are gated by the combination plots of FSC vs SSC/TOF and SSC vs FSC/TOF (FSC, forward-scattered light; SSC, side-scattered light; TOF, time of flight). Then viable CD45+ leukocytes population was further gated by their CD56/CD16 profile. (**b**) The percentage of CD56+CD3-, CD56$^+$CD3$^-$, CD56$^+$CD3$^+$ population from 1st and 2nd trimester of pregnancy. n=34 (1st trimester) and 31 (2nd trimester). No significant difference was detected in each subset between 1st and 2nd trimester samples. Data acquisitionwas processed by Gallios Flow Cytometer and analysis was performed by Kaluza1.2 software (Beckman coulter)
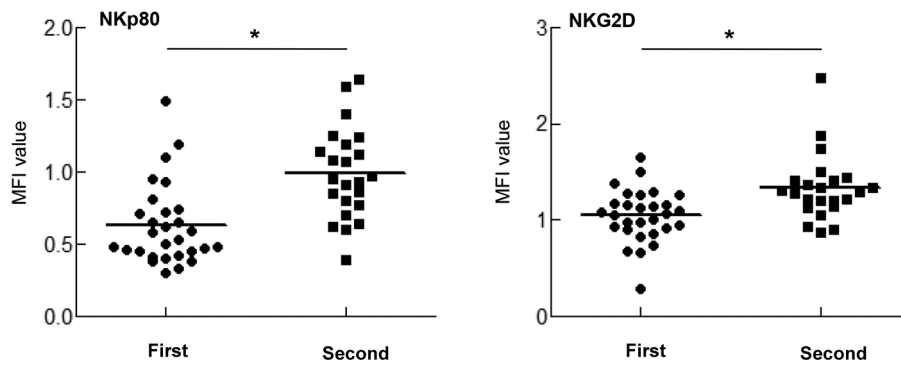
Figure S2 Mean fluorescence intensity (MFI) of NKp80 and NKG2D expression by CD56$^+$CD16$^-$ dNK cells from 1st and 2nd trimester pregnancy. Data analysis was conducted by Kaluza1.2 software (Beckman coulter). *p $<$ 0.05.

Supplementary Table 1 Maternal characteristics of 1st and 2nd trimester pregnancy

lncRNA	1st trimester	2nd trimester	p value*
Maternal age (yr; mean ± SD)	28.6 ± 7.2	27.1 ± 7.0	p>0.05
Gestational age (wk; mean ± SD)	9 ± 1.8	16 ± 1.9	p<0.01
Gravidity (mean ± SD)	3.6 ± 4.1	2.6 ± 1.6	p>0.05
Parity (mean ± SD)	1.2 ± 1.4	0.8 ± 0.9	p>0.05

*p value was calculated by Mann-Whitney Test (SPSS17.0).