

Description of Additional Supplementary Files

File Name: **Supplementary Data 1**

Description: Differentially Expressed Genes in GD 4 Uteri from Control and *Pgr^{Cre/+}Foxa2^{ff}* Mice

File Name: **Supplementary Data 2**

Description: Differentially Expressed Genes in GD 4 uteri from Control and *Ltf^{Cre/+}Foxa2^{ff}* Mice

File Name: **Supplementary Data 3**

Description: Gland-enriched Genes Uniquely Differentially Expressed in uteri of *Pgr^{Cre/+}Foxa2^{ff}* Mice on GD 4

File Name: **Supplementary Data 4**

Description: TOPPFUN Analysis of Gland-enriched Genes Uniquely Differentially Expressed in uteri of *Pgr^{Cre/+}Foxa2^{ff}* Mice on GD 4

File Name: **Supplementary Data 5**

Description: Differentially Expressed Genes in GD 6 Implantation Sites from Control and LIF-Replaced *Pgr^{Cre/+}Foxa2^{ff}* Mice

File Name: **Supplementary Data 6**

Description: TOPPFUN Analysis of Differentially Expressed Genes from Implantation Sites of LIF-replaced *Pgr^{Cre/+}Foxa2^{ff}* and Control Mice on GD 6

File Name: **Supplementary Data 7**

Description: Differentially Expressed Genes from GD 4 and GD 6 in Control Mice

File Name: **Supplementary Data 8**

Description: Differentially Expressed Genes from GD 4 and GD 6 in *Pgr^{Cre/+}Foxa2^{ff}* Mice

File Name: **Supplementary Data 9**

Description: TOPPFUN Analysis of Genes Increased in Uteri from GD 4 to GD 6 in Control Mice

File Name: **Supplementary Data 10**

Description: TOPPFUN Analysis of Genes Decreased in Uteri from GD 4 to GD 6 in Control Mice

File Name: **Supplementary Data 11**

Description: TOPPFUN Analysis of Genes Increased from GD 4 to GD 6 in *Pgr^{Cre/+}Foxa2^{ff}* Mice

File Name: **Supplementary Data 12**

Description: TOPPFUN Analysis of Genes Decreased from GD 4 to GD 6 in *Pgr^{Cre/+}Foxa2^{ff}* Mice

File Name: **Supplementary Data 13**

Description: Genes Increased in Uteri of LIF-replaced *Pgr^{Cre/+}Foxa2^{ff}* Mice, but Declined in the Uteri of Control Mice Between GD 4 and GD 6

File Name: **Supplementary Data 14**

Description: TOPPFUN Analysis of Genes Increased in Uteri of LIF-replaced *Pgr^{Cre/+}Foxa2^{ff}* Mice, but Declined in the Uteri of Control Mice Between GD 4 and GD 6