

Descriptions of additional Supplementary Files

Supplementary Data 1. Significantly regulated genes between control and Setdb1END embryonic endoderm cells.

Supplementary Data 2. Significantly regulated ERVs between control and Setdb1END embryonic endoderm cells.

Supplementary Data 3. Significantly regulated genes between in vitro differentiated control and Setdb1END XEN cells.

Supplementary Data 4. Significantly regulated genes between in vitro differentiated control and Setdb1END DE cells.

Supplementary Data 5. Significantly regulated ERVs between in vitro differentiated control and Setdb1END XEN cells.

Supplementary Data 6. Significantly regulated ERVs between in vitro differentiated control and Setdb1END DE cells.

Supplementary Data 7. Significantly regulated genes between control and Dnmt1 ko ES cells.

Supplementary Data 8. Significantly regulated genes between in vitro differentiated control and Dnmt1 ko DE cells.

Supplementary Data 9. Significantly regulated genes between in vitro differentiated control and Dnmt1 ko XEN cells.

Supplementary Data 10. Significantly regulated ERVs between control and Dnmt1 ko ES cells.

Supplementary Data 11. Significantly regulated ERVs between in vitro differentiated control and Dnmt1 ko DE cells.

Supplementary Data 12. Significantly regulated ERVs between in vitro differentiated control and Dnmt1 ko XEN cells.

Supplementary Data 13. Next generation sequencing datasets generated and analyzed in this study.