Supplementary information

Pursuing totipotency: authentic totipotent stem cells in culture

Vikas Malik and Jianlong Wang

Supplementary References

1. Ohinata, Y. et al. (2022) Establishment of mouse stem cells that can recapitulate the developmental potential of primitive endoderm. Science 375 (6580), 574-578.

2. Kime, C. et al. (2019) Induced 2C Expression and Implantation-Competent Blastocyst-like Cysts from Primed Pluripotent Stem Cells. Stem Cell Reports 13 (3), 485-498.

3. Chen, Z. and Zhang, Y. (2019) Loss of DUX causes minor defects in zygotic genome activation and is compatible with mouse development. Nat Genet 51 (6), 947-951.

4. De Iaco, A. et al. (2017) DUX-family transcription factors regulate zygotic genome activation in placental mammals. Nat Genet 49 (6), 941-945.

5. Hendrickson, P.G. et al. (2017) Conserved roles of mouse DUX and human DUX4 in activating cleavage-stage genes and MERVL/HERVL retrotransposons. Nat Genet 49 (6), 925-934.