**Supplemental Table 1. List of ovarian teratoma (OT) mouse models.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Model | FVB Progenitor | OT Incidence | Meiotic abnormalities | Patherno-genetic activation | Follicle defects | Reference |
| LT/Sv stain | No | 28% | MI arrest | Yes | Growth asynchrony | ([1](#_ENREF_1), [2](#_ENREF_2)) |
| *Mos* knockout | No | 30% | MII arrest | Yes | Oocyte activation in secondary follicles | ([3](#_ENREF_3)) |
| *Bcl-2* overexpression in the ovary | Yes | 20% | ND | Yes | Increased granulosa cell number | ([4](#_ENREF_4)) |
| *Gata4* global knockdown | Yes | 10% | ND | ND | ND | ([5](#_ENREF_5)) |
| *Fshr* constitutive activation | Yes | 20% | ND | ND | Increased follicle recruitment | ([6](#_ENREF_6)) |
| *Foxo3a* missense mutation | Yes | 16% | MI arrest | No | Growth asynchrony | ([7](#_ENREF_7)) |
| *Tgkd* transgenic insertion | Yes | 15-20% | No | No | Growth asynchrony | ([8](#_ENREF_8)) |
| *Rb1* germline conditional knockout | Yes | 28% | No | No | Growth asynchrony |  |

Abbreviations:

ND: not determined;

OT: ovarian teratoma;

M: metaphase

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