

Fanca (-/-) constitutive knockout

Organism: *Mus musculus*

Strain background: 129S4/SvJaeSor (MGI:3044540) co-isogenic background.

Synonyms: FANC-A Mice, FA-A Mice

Cell Lines: 2403 & 2422

Location

Oregon Health and Science University, IACUC Protocol# TR02_IP00000446

Requests for a breeding pair can be made to [Craig Dorrell](#) at OHSU. Please be aware these mice are maintained for in-house experiments only and that such requests may take several months to fill. They also will require an MTA to be signed and fees plus shipping to be paid totaling approximately \$1,000.

Maintenance Information

These mice are bred as homozygous.

Colonies are maintained on the following:

- [5LJ5](#) animal feed
- [Biofresh](#) 1/4 and 1/8 pelleted cellulose bedding
- Enrichment [nestlets](#) and [enviropaks](#)

Genotyping

Primer 1: ttcttcaaagctgctgggg

Primer 2: cagtgacatcttcctcctaactcc

Primer 3: ggtgaacgttacagaaaagcaggct

WT: 350bp

KO: 600bp

References

Meenakshi Noll, et al., **Fanconi anemia group A and C double-mutant mice: Functional evidence for a multi-protein Fanconi anemia complex**, *Experimental Hematology* 2002

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FANCONI ANEMIA
RESEARCH MATERIALS
FANCONI ANEMIA RESEARCH FUND