Researchers determine underlying mechanisms of inherited disorder that causes bone marrow failure

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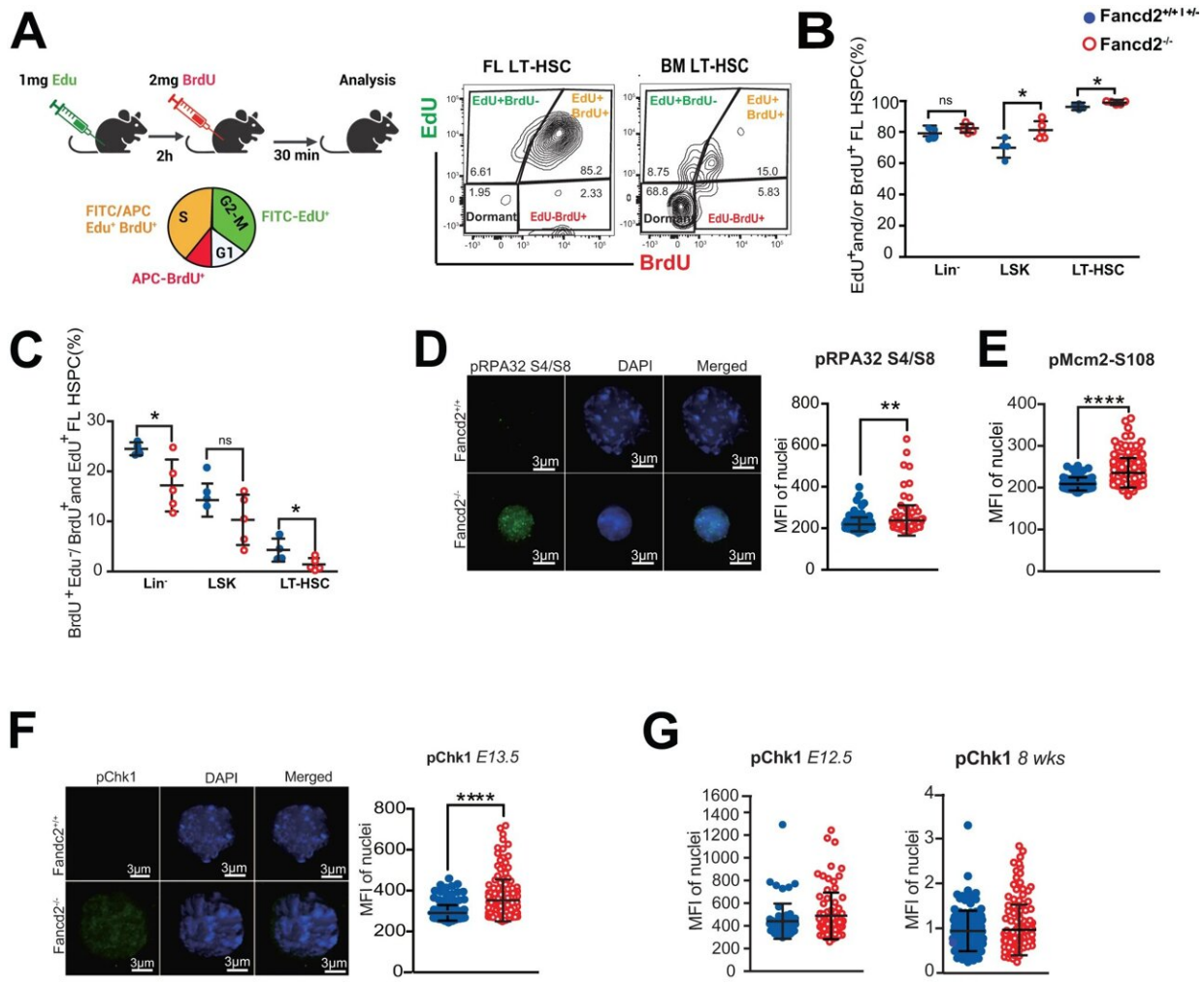

Fancd2$^{-/-}$ fetal liver HSPCs show replication stress and delayed cell cycle progression. **A** Schema for sequential EdU/BrdU injection in the dam at E13.5 with cell cycle analysis, Representative flow panels illustrate FL (left) and BM (right) HSPC distribution with predicted differences in dormancy, lower left quadrant. Schematic Figure was created with BioRender.com released under a Creative Commons Attribution-NonCommercial-NoDerivs 4.0 International license. **B** Frequency of nascent ssDNA (EdU^{+} and/or BrdU^{+}) in the Lin-, LSK and LT-HSC: (Fancd2^{++} $n = 4$, Fancd2$^{-/-}$ $n = 5$); *P