Rx-Genes
Treatment Guidance at the Point of Care

**Disease**

# Fanconi anemia, complementation group L[1]

**Gene**

## FANCL

| | |
|---|---|
| **Inheritance** | AR |
| **Current Treatments** | Hematopoietic stem cell transplantation (HSCT) - bone marrow transplant |
| **Evidence for Treatment** | guideline[2] |
| **Non-Molecular Testing Availability** | yes |
| **Non-Molecular Test** | MMC- and/or DEB-induced chromosome breakage analysis[3] |
| **Disease Frequency (per 100,000)** | 0.76[4] |
| **Genes Included in Disease Frequency** | BRCA2, BRIP1, FANCA, FANCB, FANCC, FANCD2, FANCE, FANCF, FANCG, FANCI, ERCC4, FANCL, MAD2L2, RFWD3, SLX4, UBE2T |
| **Experimental / Investigational Therapies** | https://clinicaltrials.gov/ct2/results?cond=Fanconi+Anemia&term=&cntry=&state=&city=&dist= |

**References**


[1] https://www.ncbi.nlm.nih.gov/books/NBK1401/

[2] https://www.fanconi.org/images/uploads/other/Guidelines_4th_Edition.pdf

[3] https://www.fanconi.org/images/uploads/other/Chapter_2_Guidelines_4th_Edition.pdf

[4] https://www.ncbi.nlm.nih.gov/pubmed/21739583