

Disease

T-cell immunodeficiency with congenital alopecia and nail dystrophy^{1, 2, 3}

Gene

FOXN1

Inheritance	AR and AD
Current Treatments	Hematopoietic stem cell transplantation (HSCT) - bone marrow transplant, thymus transplantation
Evidence for Treatment	expert opinion
Non-Molecular Testing Availability	yes
Non-Molecular Test	T and B Lymphocyte and Natural Killer Cell Profile ⁴
Disease Frequency (per 100,000)	1.72 ⁵
Genes Included in Disease Frequency	JAK3, IL2RG, LCK, NHEJ1, FOXN1, PNP, PRKDC, ORAI1, IL7R, PTPRC, ADA, RAG1, RAG2, DCLRE1C, CD3D, CD3E, CD247, AK2, CORO1A, CHD7, CIITA, RFXANK, RFX5, RFXAP, DOCK8, DOCK2, LIG4, MTHFD1, NBN, SLC46A1, PGM3, RMRP, STIM1, TTC7A, ZAP70, RAC2, PAX1, LAT, NUDCD3
Experimental / Investigational Therapies	https://clinicaltrials.gov/ct2/results?cond=foxn1&term=&cntry=&state=&city=&dist=

References

- ¹ <https://www.ncbi.nlm.nih.gov/pubmed/28077132>
- ² <https://www.ncbi.nlm.nih.gov/pubmed/31447097>
- ³ <https://omim.org/entry/600838?search=foxn1&highlight=foxn1>
- ⁴ <https://omim.org/entry/601705>
- ⁵ www.mdpi.com/2409-515X/3/2/15/pdf