

Disease

NCF4 associated chronic granulomatous disease^{1, 2, 3}

Gene

NCF4

Inheritance	AR
Current Treatments	Antibacterial prophylaxis, antifungal prophylaxis, Interferon gamma, Hematopoietic stem cell transplantation (HSCT) - bone marrow transplant, ACTIMMUNE
Evidence for Treatment	guideline ^{4, 5}
Non-Molecular Testing Availability	yes
Non-Molecular Test	dihydrorhodamine assay ¹
Genes Included in Disease Frequency	CYBB, CYBA, NCF1, NCF2, NCF4, CYBC1
Experimental / Investigational Therapies	https://clinicaltrials.gov/ct2/results?cond=Chronic+Granulomatous+Disease&term=&cntry=&state=&city=

References

- ¹ <https://www.ncbi.nlm.nih.gov/books/NBK99496/#cgd.Summary>
- ² <https://www.ncbi.nlm.nih.gov/pubmed/29168144>
- ³ <https://pubmed.ncbi.nlm.nih.gov/32524254/>
- ⁴ <https://cgdsociety.org/wp-content/uploads/2019/05/CGDS-Medical-Guide.pdf>
- ⁵ <https://pubmed.ncbi.nlm.nih.gov/27178966/>
- ⁶ <https://www.ncbi.nlm.nih.gov/pubmed/18410635>