Rx-Genes
Treatment Guidance at the Point of Care

Disease

NCF4 associated chronic granulomatous disease[1, 2, 3]

Gene

NCF4

Inheritance	AR
Current Treatments	Antibacterial prophylaxis, antifungal prophalaxis, Interferon gamma, Hematopoietic stem cell transplantatio (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