The *LRRK2* p.L1795F variant causes Parkinson's disease in the European population

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Source NPJ PARKINSONS DISEASE
Volume: 11 Issue: 1
DOI: 10.1038/s41531-025-00896-2

Article Number 58

Published MAR 25 2025

Indexed 2025-04-03

Document Type Article

Abstract LRRK2-PD represents the most common form of autosomal dominant Parkinson's disease. We identified the LRRK2 p.L1795F variant in three families and six additional unrelated cases using genetic data from over 50,000 individuals. Carriers with available genotyping data shared a common haplotype. The clinical presentation resembles other LRRK2-PD forms. Combined with

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published functional evidence showing strongly enhanced LRRK2 kinase activity, we provide evidence that LRRK2 p.L1795F is pathogenic.

Keywords	**Keywords Plus:** MUTATIONS
Addresses	[1] Univ Lubeck, Lubeck, Germany [2] Univ Hosp Schleswig Holstein, Dept Neurol, Lubeck, Germany [3] NIA, Lab Neurogenet, NIH, Bethesda, MD 20892 USA [4] DataTecnica, Washington, DC USA [5] NIA, Ctr Alzheimers & Related Dementias CARD, Bethesda, MD USA ...more addresses
Categories/ Classification	Research Areas: Neurosciences & Neurology
Web of Science Categories	Neurosciences
Language	English
Accession Number	WOS:001451496000001
PubMed ID	40133296
eISSN	2373-8057
IDS Number	0NJ7Z

– See fewer data fields

Citation Network

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