Suppl 4. List of excluded studies after full-text screening

First Author & Year	Title	Reason for Exclusion
Bailly 2019	Role of family history and clinical screening in the identification of families with idiopathic dilated cardiomyopathy in Johannesburg, South Africa	Family history
Gimeno 2009	Penetrance and Risk Profile in Inherited Cardiac Diseases Studied in a Dedicated Screening Clinic	Family history
Goerss 1995	Frequency of familial dilated cardiomyopathy	Family history
Huggins 2022	Prevalence and Cumulative Risk of Familial Idiopathic Dilated Cardiomyopathy	Family history
Marume 2020	Prognosis and clinical characteristics of dilated cardiomyopathy with family history via pedigree analysis	Family history
Michels 1991	The frequency of familial dilated cardiomyopathy in a series of patients with idiopathic dilated cardiomyopathy	Family history
Monserrat 2002	Familial dilated cardiomyopathy in patients transplanted for idiopathic dilated cardiomyopathy	Family history
Venugopalan 2001	Low proportion of familial dilated cardiomyopathy in an Arab population with a high prevalence of consanguineous marriages	Family history
Akinrinade 2015	Prevalence of titin truncating variants in general population	Outcomes
Andreasen 2013	New population-based exome data are questioning the pathogenicity of previously cardiomyopathy-associated genetic variants	Outcomes
Bourfiss 2022	Prevalence and disease expression of pathogenic and likely pathogenic variants associated with inherited cardiomyopathies in the general population	Outcomes
Cannata 2021	Titin mutations and female sex characterize dilated cardiomyopathy in the elderly	Outcomes
Golbus 2012	Population-based variation in cardiomyopathy genes	Outcomes
Mahmood 2022	Disease Penetrance in Asymptomatic Carriers of Familial Cardiomyopathy Variants	Outcomes
Nallari 2009	Epidemiology and genetics of dilated cardiomyopathy in the Indian context	Outcomes
Nouhravesh 2016	Analyses of more than 60,000 exomes questions the role of numerous genes previously associated with dilated cardiomyopathy	Outcomes
Paldino 2021	CLINICAL MANIFESTATION and PROGNOSIS of DIFFERENT CARDIOMYOPATHY TYPES on the BASIS of GENETIC BACKGROUND	Outcomes
Vaikhanskaya 2020	Comparative genetic, clinical features, and 5-years outcomes for dilated vs noncompaction cardiomyopathy	Outcomes
Andrews 2008	New-onset heart failure due to heart muscle disease in childhood: A prospective study in the United Kingdom and Ireland	Population
Bick 2012	Burden of rare sarcomere gene variants in the Framingham and Jackson Heart study cohorts	Population
Keren 1988	Features of mildly dilated congestive cardiomyopathy compared with idiopathic restrictive cardiomyopathy and typical dilated cardiomyopathy	Population
Pasotti 2008	Long-Term Outcome and Risk Stratification in Dilated Cardiolaminopathies	Population
Seidelmann 2016	Familial dilated cardiomyopathy diagnosis is commonly overlooked at the time of transplant listing	Population
Seliem 2007	Influence of consanguinity on the pattern of familial aggregation of congenital cardiovascular anomalies in an outpatient population: Studies from the Eastern Province of Saudi Arabia	Population
van Waning 2019	Cardiac Phenotypes, Genetics, and Risks in Familial Noncompaction Cardiomyopathy	Population
Yeh 2019	Targeted next generation sequencing for genetic mutations of dilated cardiomyopathy	Population
Yin 2015	Association of the LMNA gene single nucleotide polymorphism rs4641 with bdilated cardiomyopathy	Population
Zhao 2015	Targeted Next-Generation Sequencing Reveals Hot Spots and Doubly Heterozygous Mutations in Chinese Patients with Familial Cardiomyopathy	Study design
Akinrinade 2016	Relevance of truncating titin mutations in dilated cardiomyopathy	Other
Pena-Pena 2021	Clinical utility of genetic testing in patients with dilated cardiomyopathy	Other
Ware 2016	Shared genetic predisposition in Peripartum and dilated cardiomyopathies	Other