

E209K — WFS1 Molecular Atlas Card

Variant type: Missense

Substitution: Glutamic acid (E) → Lysine (K) at position 209

Domain context: N-terminal cytoplasmic (intrinsically disordered)

ALPHAMISSENSE

- **Pathogenicity score:** 0.1058
- **Class:** likely benign

ALPHAFOLD CONFIDENCE

- **pLDDT at residue 209:** 57.78

> **DynaMut2 $\Delta\Delta G$:** not yet computed for this variant — AlphaMissense + AlphaFold

> confidence shown above. Stability $\Delta\Delta G$ and the wild-type/mutant structural

> comparison backfill behind this note.

CLINICAL EVIDENCE

- **Classification:** Uncertain significance
 - **Review status:** criteria provided, multiple submitters, no conflicts
 - **cDNA change:** c.625G>A
 - **ClinVar accession:** VCV001420179
 - **Last evaluated:** 2023/01/31 00:00
 - **Submissions:** 1
-

Card generated by `wolfram-atlas-batch` (missense AlphaMissense mint) on 2026-06-08T02:27:33.399823Z.

AlphaMissense (Cheng et al. 2023) · AlphaFold model v6 · UniProt O76024.