

# G76= — WFS1 Molecular Atlas Card

**Variant type:** Synonymous (silent)

**Codon:** position 76 (Glycine, G) — amino acid unchanged

**Domain context:** N-terminal cytoplasmic (intrinsically disordered)

---

## SCHEMA CATEGORY: SILENT — SILENT — NO AMINO-ACID CHANGE

---

No amino-acid change (G76 is unchanged): the codon is altered but the protein sequence is identical to wild-type. No structural, stability or AlphaMissense effect applies. Synonymous variants are typically benign unless they affect splicing or regulatory elements; this one is not adjacent to an exon boundary.

---

## CLINICAL EVIDENCE

---

- **Classification:** Conflicting classifications of pathogenicity
- **Review status:** criteria provided, conflicting classifications
- **cDNA change:** c.228C>T
- **ClinVar accession:** VCV001434694
- **Last evaluated:** 2024/10/29 00:00
- **Submissions:** 1

---

Card generated by *wolfram-atlas-batch* (synonymous pipeline) on 2026-06-08T02:50:43.907092Z.

*WFS1: UniProt O76024, AlphaFold v6. Synonymous variants carry no protein-structural effect.*