

# S888= — WFS1 Molecular Atlas Card

**Variant type:** Synonymous (silent)

**Codon:** position 888 (Serine, S) — amino acid unchanged

**Domain context:** C-terminal ER-luminal (calcium binding, calmodulin, chaperone)

---

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

---

No amino-acid change (S888 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
- **Associated conditions:** Autosomal dominant nonsyndromic hearing loss 6; WFS1-Related Spectrum Disorders; Wolfram syndrome 1; Cataract 41; Type 2 diabetes mellitus; Wolfram-like syndrome
- **cDNA change:** c.2664G>A
- **ClinVar accession:** VCV000906840
- **Last evaluated:** 2025/10/05 00:00
- **Submissions:** 1

---

Card generated by *wolfram-atlas-batch* (synonymous pipeline) on 2026-06-08T02:57:03.556734Z.

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