# USGENE® on STN®

**USGENE® covers all available peptide and nucleic acid sequences from the published applications and issued patents of the United States Patent and Trademark Office (USPTO). Sequence data are available within only 3 days of publication by the USPTO.**

## USGENE is the new unparalleled resource for

- Freedom-to-operate, prior-art, validity and infringement patent sequence searches
- Competitive analysis of organizations with biosequence patents
- Current-awareness alerts (SDIs) from the very latest USPTO sequence data

## USGENE offers three sequence searching methods

- BLAST for advanced similarity searching based on NCBI BLAST® algorithm
- GETSIM for advanced similarity searching based on FASTA algorithm
- GETSEQ for simple fragment or motif sequence queries

## Biosequences in USGENE

- Peptide and nucleic acid sequences from 1981 to date
- From all relevant USPTO published applications and issued patents
- Organism name, sequence length, and SEQ ID number
- Feature tables for modifications and other features
- Typically available within 3 days of publication by the USPTO

## USGENE records also contain

- Original publication title, abstract and claims
- Patent assignees and full inventor names
- Publication, application and parent case WIPO/PCT numbers and dates
- Full-text links to the USPTO

The USPTO Genetic Sequence Database, USGENE®, is produced by the SequenceBase Corporation and provided on STN as file USGENE.

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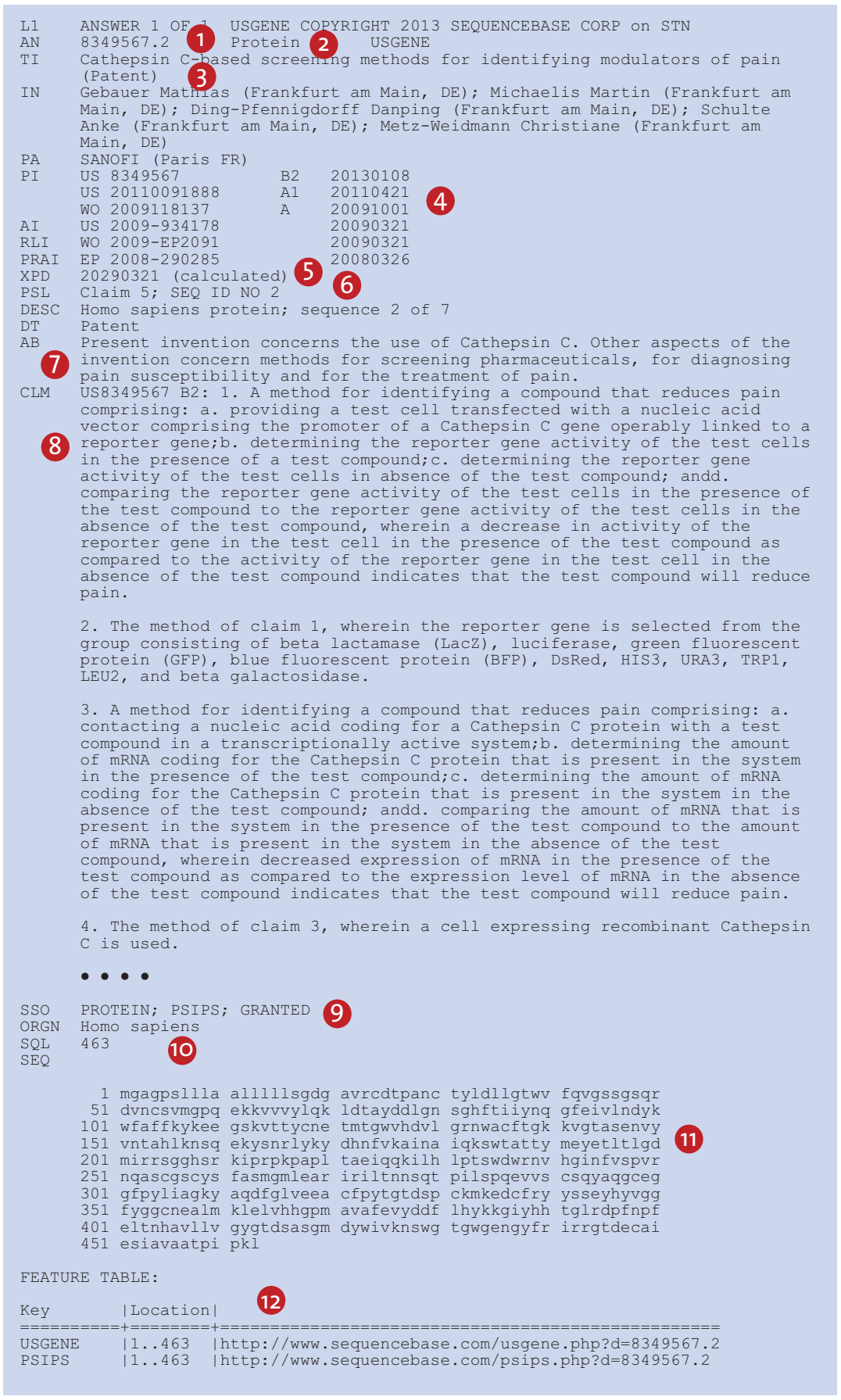


1. USGENE Accession Number (AN), including the sequence identity number (SEQ ID NO)
2. Molecule Type (MTY)
3. Original patent title
4. Bibliographic information – Publication, application, priority, assignee & inventor data
5. Calculated expiration date
6. Patent Sequence Location
7. Original patent abstract
8. Full patent claims
9. Sequence source – Nucleic or Protein; PSIPS/USPTO, NCBI, etc; Granted or Application
10. Sequence Length
11. Patent sequence – each USGENE record is based upon a sequence
12. Feature table - includes sequence modifications and other features, as provided by the patent applicant