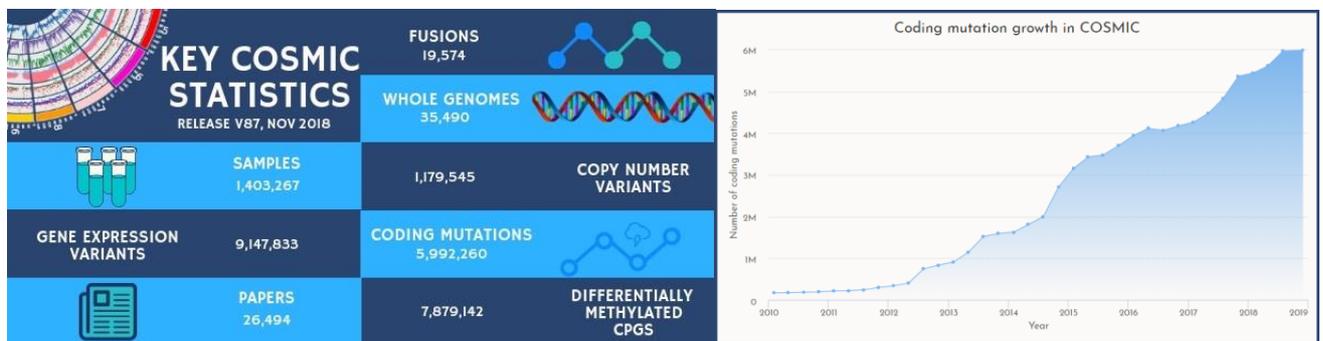




## Licensing the COSMIC database 2019

Thank you for your interest in a commercial license to the COSMIC database, the world's most comprehensive, expertly-curated database of somatic mutations in cancer. Our commercial licensing is designed to keep this resource available and important to your research across a long term future, and we are growing our capacity and developing new insights across somatic oncology to enhance our impact and usefulness.

To date, we list almost 6-million coding mutations and many millions of other mutation types. We pride ourselves on being the gold standard in somatic databases and boast well over 4,600 citations. Our user base of over 20,000 registered scientists includes multiple field leaders and prominent clinical and pharmaceutical companies.



A commercial license will allow you to:

- Download the entire COSMIC database, including:
  - complete or filtered files
  - GRCh37 and GRCh38
  - Variant types: Coding & non-coding, gene fusions, copy number, gene expression, DNA methylation, structural rearrangements
  - Expanded Cancer Gene Census - already a global standard in oncology. Recently published in [Nature Reviews Cancer](#) (PUBMED: [30293088](#)).
  - Selected disease focused curation.
- Access to the COSMIC website, including downloadable of search results
- Interrogate COSMIC-3D, to evaluate the structural impact of cancer mutations, particularly to explore pharmaceutical targets. Recently published in [Nature Genetics](#) (PUBMED: [30158682](#))
- Email support
- Distribute part of or the full COSMIC database (depending on license type)

Across 2019, you will see significant new developments in COSMIC, including:

- 4 guaranteed substantial updates



- Exhaustive new curation of cancer genes with high impact across many cancer types.
- Focus on curating complex published cancer genomes
- Upgraded interoperability through standardization across multiple gene sets and reference genomes, together with expanded cross-database links
- Impact led characterization of all COSMIC's coding mutations to explore targets at high disease resolution in clinical and pharmaceutical research.

The COSMIC website (<http://cancer.sanger.ac.uk>) visualizes a set of high-value information, providing a pre-defined series of analytical tools. It is particularly useful for 'quick searching' to determine if a mutation is known or for comparing mutations in different cell lines. Our Downloads provide unlimited and private access to our entire database in several forms, for easy integration into external systems, or offline analysis.

## Ongoing Collaborations



AstraZeneca



## Read more...

- [COSMIC: somatic cancer genetics at high-resolution.](#)  
Tate JG *et al.* (2018). *Nucl. Acids Res.* Pubmed: [30371878](#)
- [The COSMIC Cancer Gene Census: describing genetic dysfunction across all human cancers.](#) Sondka Z *et al.* (2018) *Nature Reviews Cancer* Pubmed: [30293088](#)  
[COSMIC-3D provides structural perspectives on cancer genetics for drug discovery.](#)  
Jubb HC *et al.* (2018). *Nature Genetics* Pubmed: [30158682](#)

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