

GLOSSARY

Systematic screens	Studies covering substantial fraction of the genome, reporting somatic variants mapped to genomic coordinates in a tabular format.
Targeted screens	Studies providing sequencing data for a subset of genes as opposed to indiscriminate whole exome or whole genome screening. Often, information about particular variants is spread across the different sections of the publication, its figures, and supplementary data.
VEP	Variant Effect Predictor is Ensembl tool used by COSMIC to annotate genetic variants, i.e. map them to the reference genome assemblies for further classification into different variant types.
Data	In the context of COSMIC curation, a unit of curated information referring to a genetic variant and a cancer type.
Metadata	Data providing information about one or more aspects of the COSMIC data. For the core COSMIC curation, it includes ethnicity, age, drug response, therapy, cytogenetics, tumour grade and stage, and others.
HGVS	Human Genome Variation Society nomenclature for standardised description of sequence variants in DNA, RNA, and protein sequences.
Somatic mutations	mutations (variants) that arise in somatic cells. Somatic mutations are not inherited by the offspring.