



# MASTERMIND<sup>®</sup>

## SIDE-BY-SIDE COMPARISON

	 <b>MASTERMIND<sup>®</sup></b> THE GENOMIC SEARCH ENGINE	HGMD	COSMIC
<b>Genes</b>	19,413	11,138	238
<b>Variants</b>	5,939,813	275,716	408,000
<b>Germline Variants</b>	Yes	Yes	No
<b>Somatic Variants</b>	Yes	No	Yes
<b>Journals</b>	32,585	2,600	N/A
<b>Full-Text Articles Indexed</b>	7,353,129	86,000	26,251
<b>Supplemental Datasets Indexed</b>	1,261,358	29,000	N/A
<b>Update Schedule</b>	Weekly	Quarterly	Quarterly
<b>Free Version Content</b>	Up to Date	4 yrs Out of Date	Up to Date
<b>Interpretation Criteria</b>	ACMG/AMP	Own Criteria	AMP

Source: Stenson, Peter D. et al. "The Human Gene Mutation Database: Towards a Comprehensive Repository of Inherited Mutation Data for Medical Research, Genetic Diagnosis and next-Generation Sequencing Studies." Human Genetics 136.6 (2017): 665–677. PMC. Web. 11 July 2018.  
<http://www.hgmd.cf.ac.uk/ac/stats.php>  
[https://cancer.sanger.ac.uk/cosmic/release\\_notes/](https://cancer.sanger.ac.uk/cosmic/release_notes/)