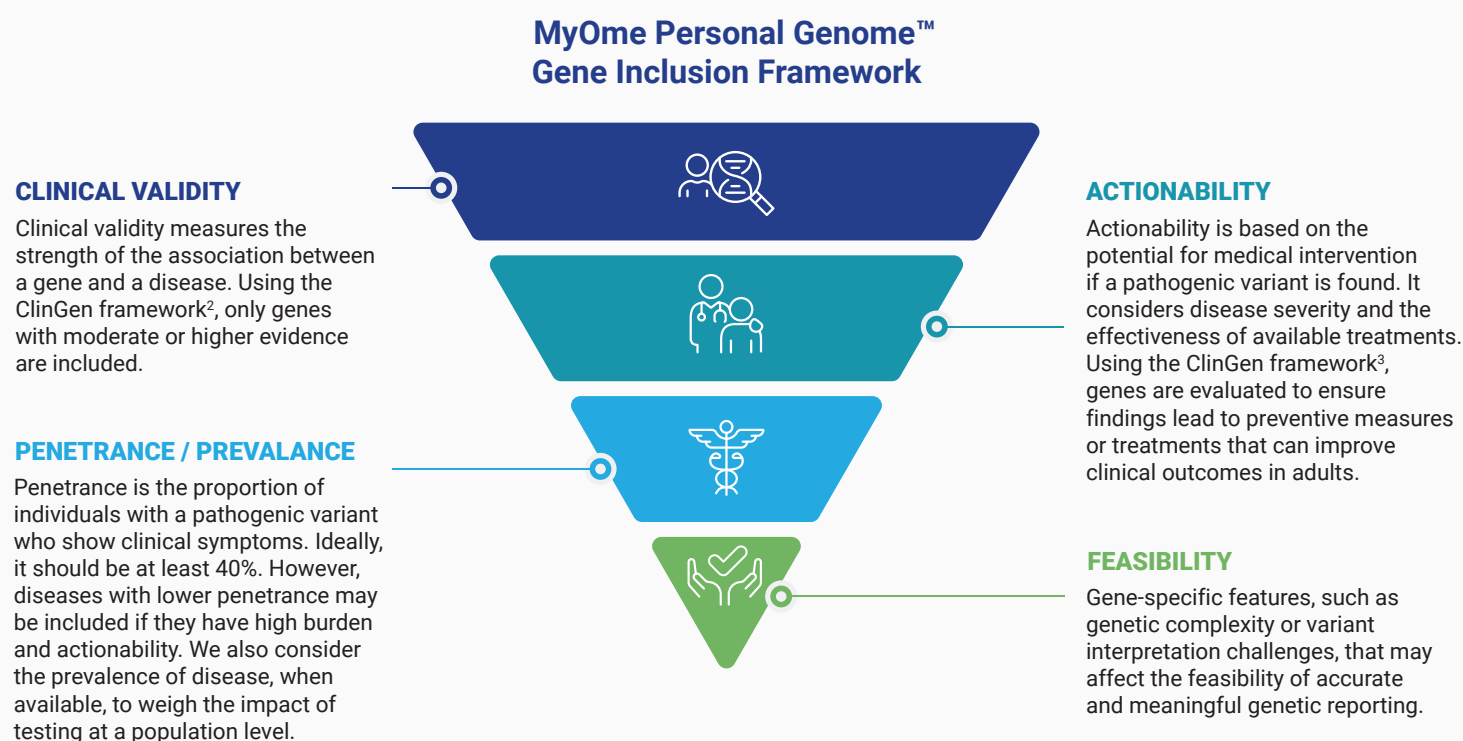


MyOme Personal Genome™ Gene Inclusion Framework

At MyOme, our mission is to empower healthcare providers and patients with clinically relevant, actionable insights that improve care. To achieve this, we developed a gene selection framework for the MyOme Personal Genome Proactive Health™ report, that prioritizes genes based on clinical validity, actionability, penetrance/prevalence and feasibility, along with other supporting data.

We utilized this framework to identify additional genes for version 2 of the report beyond the 81 genes deemed medically actionable by the American College of Medical Genetics and Genomics (ACMG)¹. Below are the selection criteria we use for the genes included in our reports.



As scientific knowledge advances and testing evolves, we will continually evaluate both previously assessed and new genes to ensure we deliver clear clinical utility in every MyOme Personal Genome™ report.

**Contact us to learn more about the
MyOme Personal Genome™ platform.**

support@myome.com



1. Miller, David T., et al. "ACMG SF v3. 2 list for reporting of secondary findings in clinical exome and genome sequencing: A policy statement of the American College of Medical Genetics and Genomics (ACMG)." *Genetics in Medicine* 25.8 (2023): 100866.

2. Strande NT, Riggs ER, Buchanan AH, et al. "Evaluating the clinical validity of gene-disease associations: an evidence-based framework developed by the Clinical Genome Resource." *Am J Hum Genet.* 2017;100:895–906.

3. Hunter, Jessica Ezzell, et al. "A standardized, evidence-based protocol to assess clinical actionability of genetic disorders associated with genomic variation." *Genetics in Medicine* 18.12 (2016): 1258-1268.