

## Personal genetic services

Amby Lab is personal genetics company making high-quality tests that help customers access, understand and benefit from their genome.

Amby Lab provides services that could be grouped in several categories. The following scheme demonstrates the overview of our services:

Microarray genotyping tests	<ul style="list-style-type: none"><li>• Health and Longevity</li><li>• Disease carrier status</li><li>• Diet and Fitness</li><li>• Talents and Sport</li><li>• Ancestry</li></ul>
High-throughput NGS tests	<ul style="list-style-type: none"><li>• Clinical exome sequencing for multiple purposes i.e. Inherited disease analysis</li><li>• Cancer panel for solid tumors</li><li>• Custom NGS for research labs</li></ul>
Bioinformatics	<ul style="list-style-type: none"><li>• Analysis of exome sequencing raw data (FastQ)</li><li>• Annotation of variants (VCF)</li><li>• Custom bioinformatic services for research labs</li></ul>
Medical interpretation	<ul style="list-style-type: none"><li>• Interpretation of found genomic variants (VCF) by clinical geneticist</li></ul>
Online tool	<ul style="list-style-type: none"><li>• Access to online Medical Interpretation system processing found genomic variants (VCF) and characterizing their relation to inherited diseases, available at: <a href="https://medsys.ambylab.com">medsys.ambylab.com</a></li></ul>