

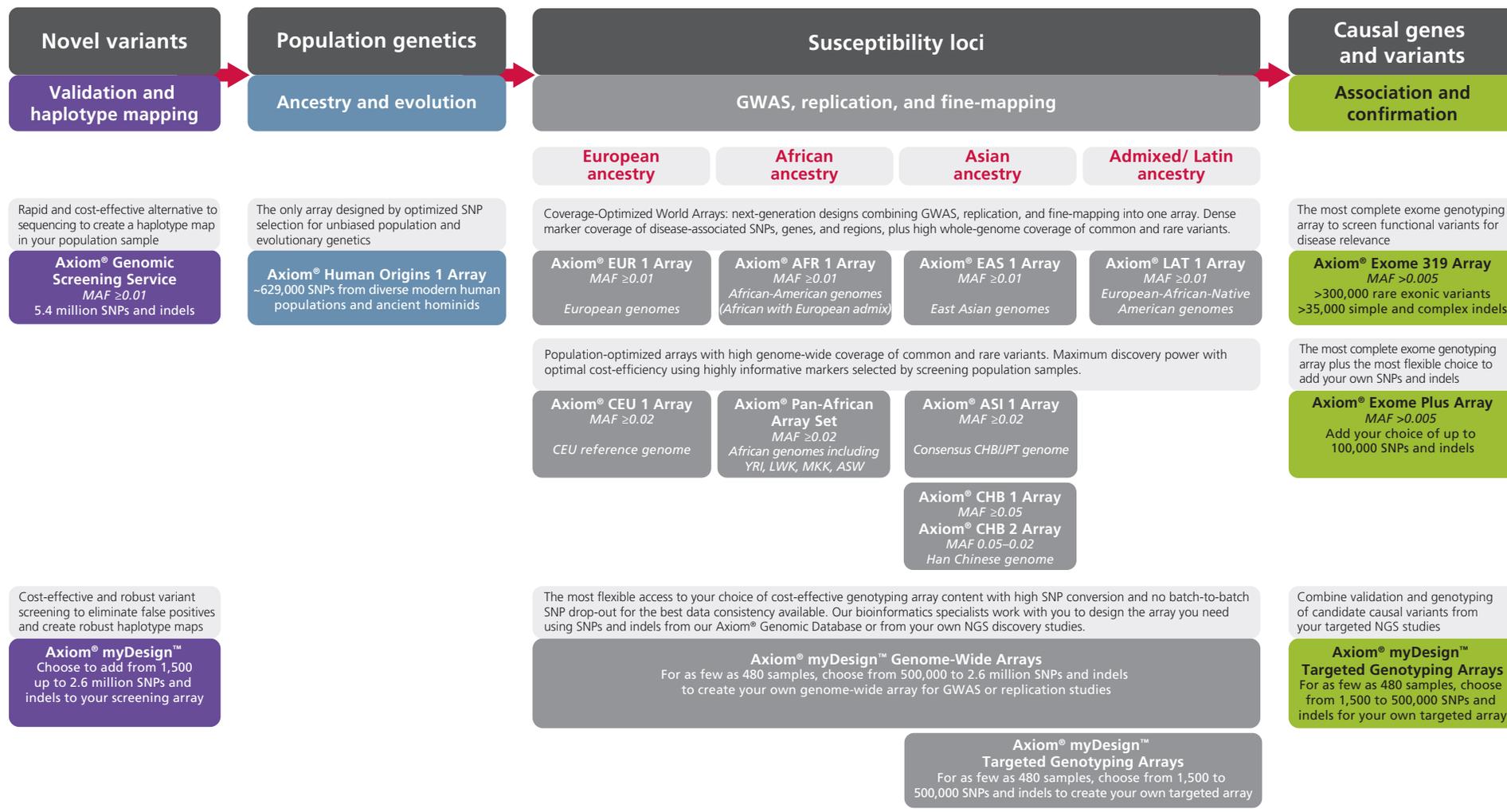
Human genetics with the Axiom® Genotyping Solution

The Axiom® Genotyping Solution is an innovative genotyping technology platform that enables optimized human genetics workflows through flexible array choices, a robust assay, and hands-free, automated array processing on the GeneTitan® Multi-Channel Instrument.

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What is the Axiom Genomic Database?
The Axiom Genomic Database (AGD) is the world's largest resource of >11M genotype-tested and fully-annotated SNPs and indels. It is freely available to investigators developing Axiom myDesign Arrays and overcomes three significant challenges:

- AGD has eliminated false positive SNPs from low-coverage NGS data**
AGD contains only confirmed SNPs and indels. We genotype-tested millions of SNPs from initiatives such as the 1000 Genomes Project, to remove the sequencing errors common in low coverage NGS data.
- No loss of SNPs due to assay incompatibility**
AGD markers have ~100% success rate on Axiom myDesign Arrays because our genotype-testing program, in at least 270 reference samples, proves each marker works robustly with the Axiom® Assay.
- Easy to define and build an Axiom myDesign Array SNP list:**
AGD markers are fully-annotated from more than 11 online sources for easy SNP selection, saving hours of web searching to collate your SNP list. Our bioinformatic specialists work with you to develop your Axiom myDesign Array using our online Axiom Design Center for simple designs or additional in-house expertise for complex designs.