**CYP2D6 Comprehensive Cascade Testing Algorithm**

Additional testing is performed to derive as accurate a phenotype as possible.

Always performed

Additional testing may be performed (only approximately 3% of individuals may need additional testing) for the following reasons:

1. No call on single nucleotide polymorphism
2. Single nucleotide polymorphism pattern does not fit known star allele
3. Duplication involving alleles with different levels of activity
4. Genotype/phenotype discord
5. Laboratory director request (CYP2D6 real time PCR and CNV assays must be completed first)

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