Development and analytical validation of a 29 gene clinical pharmacogenetic genotyping panel: Multi-ethnic allele and copy number variant detection

Running Title: Pharmacogenetic genotyping panel validation

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Key words: pharmacogenetics, pharmacogenomics, genetic testing, clinical implementation, genotyping, copy number variation.

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FIGURE S1.

FIGURE S1. Multi-ethnic estimation of pharmacogenetic variant allele burden.
Violin plots are illustrated that simulate the number of pharmacogenetic variants an individual is expected to carry among the 98 sequence variants in the pharmacogenetic panel with available frequency data in both the gnomAD 2.1.1 genomes and 1KG Phase 3 v5a datasets. Allele bootstrap resamples were performed independently across five 1KG superpopulations (n=100, AFR: African; AMR: Ad Mixed American; EAS: East Asian; NFE: Non-Finnish European; SAS: South Asian).