ePGA: Purpose and Use

ePGA TRANSLATION SERVICE IS SOLELY FOR RESEARCH, DEMONSTRATIONAL & EDUCATIONAL PURPOSES

ePGA Translation Service is meant to DEMONSTRATE the <u>potential</u> of translating validated PGx knowledge into clinical practice

In its current implementation ePGA Translation Service use just public-domain and completely anonymous genotype profiles from the 1000 Genomes project (Phase I/1092 sample cases, Phase III / 2504 sample cases) in order to <u>demonstrate</u> its functionality

✓ **The ePGA Translation Service adheres to the emerging trend of pre-emptive high-throughput genotyping as a vital clinical (diagnostic and prognostic) decision making component aiming to offer respective genotype-to-phenotype inference services as a mean to translate PGx knowledge from bench-to-bedside.**

✓ **The ePGA Translation Service is based on 'matching' individual genotype (SNP) profiles with PGx gene haplotypes, and the subsequent inference of the corresponding metabolizer phenotypes. Currently ePGA/Translation component employs harmonized haplotypes-tables as registered and curated by <u>PharmGKB</u> (the most advanced PGx knowledge base). The developers of ePGA are planning to expand the system in order to capture and cover PGx knowledge from other sources as well.**

✓ **ePGA developers reserve the right at any time, to make changes to the whole or any part of the services offered on this Web-site as it deems appropriate.**