

List of phenotypes for the PGP Challenge of CAGI 2011

Binary traits

- * 1 Asthma
- 2 Crohn's disease
- 3 Ulcerative colitis
- 4 Irritable bowel syndrome
- 5 Rheumatoid arthritis
- 6 Type II Diabetes
- 7 Coronary artery disease
- 8 Long QT Syndrome
- 9 Hypertrophic cardiomyopathy
- * 10 Glaucoma
- 11 Color blindness
- 12 Bipolar disorder
- 13 Celiac disease
- 14 Psoriasis
- 15 Lupus
- 16 Breast cancer
- 17 Prostate cancer
- * 18 Migraine
- 19 Lactose intolerance
- 20 Dyslexia
- 21 Autism
- 22 Osteoporosis
- 23 Incontinence
- 24 Kidney stones
- 25 Varicose veins
- 26 Sleep Apnea
- 27 Tongue rolling (tube)
- 28 Phenylthiocarbamide tasting
- 29 Blood type - Has A antigen?
- 30 Blood type - Has B antigen?
- 31 Blood type - Is Rh(D) positive?
- 32 Absolute pitch

Numerical traits

- 33 Birth weight (in g)
- * 34 HDL level (in mg/dL)
- * 35 LDL level (in mg/dL)
- * 36 Triglyceride level (in mg/dL)
- 37 Fasting blood glucose level (in mg/dL)
- 38 Warfarin dose (in mg)
- 39 Age at Menarche
- 40 Annual income (in \$)

*For some of the PGP10 individuals, these phenotypes are listed in their public profiles at <http://www.personalgenomes.org/public/>, or <http://evidence.personalgenomes.org/genomes> (click the "Get report" link of each of the individuals). When publicly available, such phenotypes will not be assessed for the individual in question, but predictions for other PGP10 individuals will be assessed.