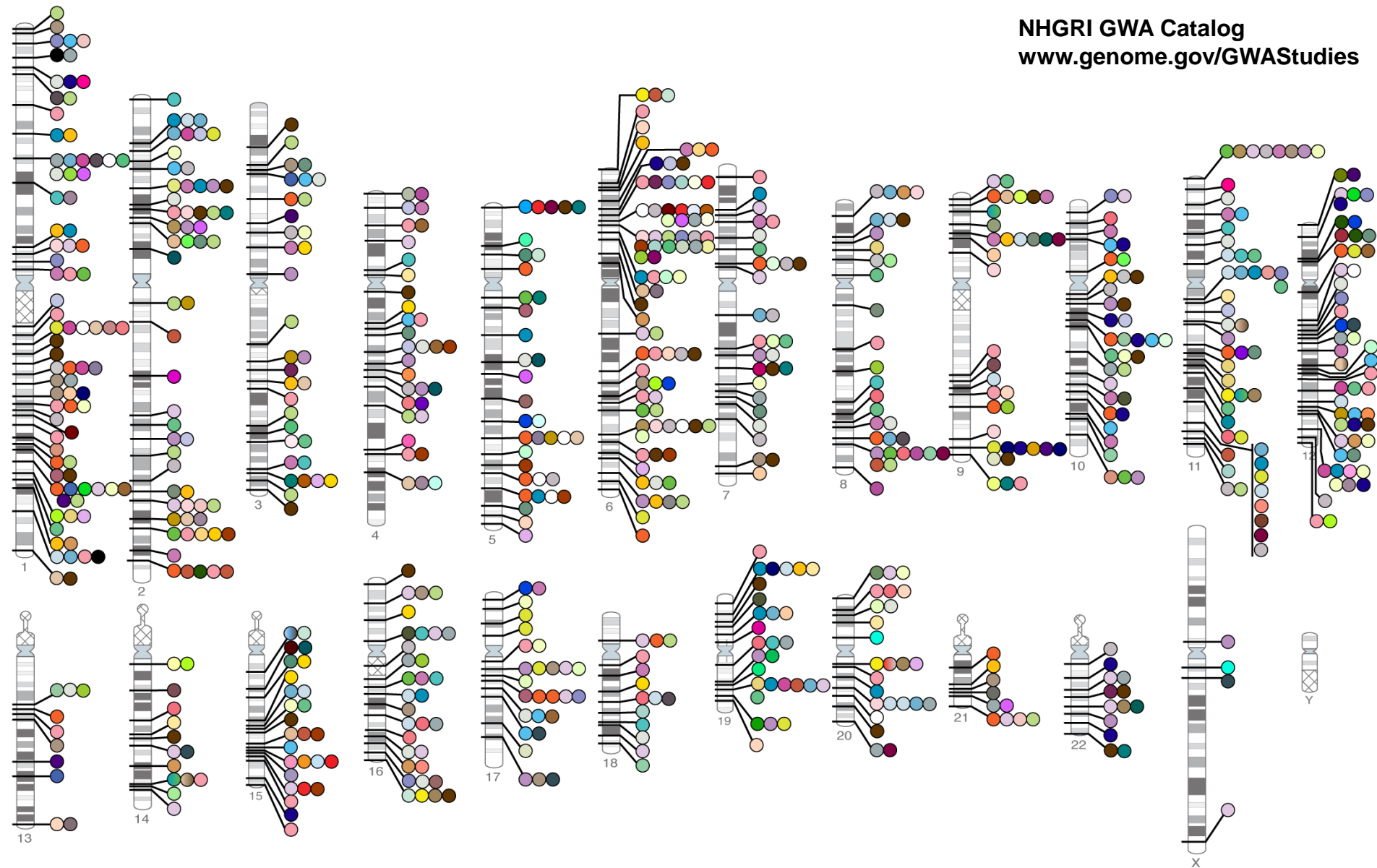


**Published Genome-Wide Associations through 3/2010,
779 published GWA at $p \leq 5 \times 10^{-8}$ for 148 traits**

NHGRI GWA Catalog
www.genome.gov/GWASStudies



| | | | |
|--|---------------------------------|-----------------------------------|-------------------------------------|
| ○ Acute lymphoblastic leukemia | ● Cutaneous nevi | ● Liver enzymes | ● QT interval |
| ● Adhesion molecules | ● Dermatitis | ● LP (a) levels | ● Quantitative traits |
| ● Adiponectin levels | ● Drug-induced liver injury | ● Lung cancer | ● Recombination rate |
| ● Age-related macular degeneration | ● Eosinophil count | ● Major mood disorders | ● Red vs.non-red hair |
| ○ AIDS progression | ● Eosinophilic esophagitis | ● Malaria | ● Renal function |
| ● Alcohol dependence | ● Erythrocyte parameters | ● Male pattern baldness | ● Response to antipsychotic therapy |
| ● Alzheimer disease | ● Esophageal cancer | ● Matrix metalloproteinase levels | ● Response to hepatitis C treatment |
| ● Amyotrophic lateral sclerosis | ● Essential tremor | ● MCP-1 | ● Response to statin therapy |
| ● Angiotensin-converting enzyme activity | ● Exfoliation glaucoma | ● Melanoma | ● Restless legs syndrome |
| ● Ankylosing spondylitis | ● F cell distribution | ● Menarche & menopause | ● Rheumatoid arthritis |
| ● Arterial stiffness | ● Fibrinogen levels | ● Multiple sclerosis | ● Schizophrenia |
| ● Asthma | ● Folate pathway vitamins | ● Myeloproliferative neoplasms | ● Serum metabolites |
| ● Atherosclerosis in HIV | ● Freckles and burning | ● Narcolepsy | ● Skin pigmentation |
| ● Atrial fibrillation | ● Gallstones | ● Nasopharyngeal cancer | ● Speech perception |
| ● Attention deficit hyperactivity disorder | ● Glioma | ● Neuroblastoma | ● Sphingolipid levels |
| ● Autism | ● Glycemic traits | ● Nicotine dependence | ● Statin-induced myopathy |
| ● Basal cell cancer | ● Hair color | ● Obesity | ● Stroke |
| ● Bipolar disorder | ● Hair morphology | ● Open personality | ● Systemic lupus erythematosus |
| ● Bilirubin | ● HDL cholesterol | ● Osteoarthritis | ● Telomere length |
| ● Bladder cancer | ● Heart rate | ● Osteoporosis | ● Testicular germ cell tumor |
| ● Blond or brown hair | ● Height | ● Otosclerosis | ● Thyroid cancer |
| ● Blood pressure | ● Hemostasis parameters | ● Other metabolic traits | ● Tooth development |
| ● Blue or green eyes | ● Hepatitis | ● Ovarian cancer | ● Total cholesterol |
| ● BMI, waist circumference | ● Hirschsprung's disease | ● Pain | ● Triglycerides |
| ● Bone density | ● HIV-1 control | ● Pancreatic cancer | ● Type 1 diabetes |
| ● Breast cancer | ● Homocysteine levels | ● Panic disorder | ● Type 2 diabetes |
| ● C-reactive protein | ● Idiopathic pulmonary fibrosis | ● Parkinson's disease | ● Ulcerative colitis |
| ● Cardiac structure/function | ● IgE levels | ● Periodontitis | ● Urate |
| ● Carnitine levels | ● Inflammatory bowel disease | ● Peripheral arterial disease | ● Venous thromboembolism |
| ● Carotenoid/tocopherol levels | ● Intracranial aneurysm | ● Phosphatidylcholine levels | ● Vitamin B12 levels |
| ● Celiac disease | ● Iris color | ● Platelet count | ● Warfarin dose |
| ● Chronic lymphocytic leukemia | ● Iron status markers | ● Primary biliary cirrhosis | ● Weight |
| ● Cleft lip/palate | ● Ischemic stroke | ● PR interval | ● White cell count |
| ● Cognitive function | ● Juvenile idiopathic arthritis | ● Prostate cancer | ● YKL-40 levels |
| ● Colorectal cancer | ● Kidney stones | ● Protein levels | |
| ● Coronary disease | ● LDL cholesterol | ● Psoriasis | |
| ● Creutzfeldt-Jakob disease | ● Leprosy | ● Pulmonary funct. COPD | |
| ● Crohn's disease | ● Leptin receptor levels | ● QRS interval | |