Barplot: Penetrance by Ancestry (gnomAD) **AFR AMR** Tuberous Sclerosis -Ŏ Endocrine Neoplasias 2 -Malignant Hyperthermia -APC-Polyposis -Long QT Syndrome -PTEN Hamartomas -Arrhythm RV CM -OTC Deficiency -Brugada Syndrome -Marfan Syndrome -Hypertrophic CM -Ehlers-Danlos -Lynch Syndrome -Fabry's Disease -Dilated CM -Retinoblastoma -Hypercholesterolemia -Neurofibromatosis -Endocrine Neoplasias 1 -Wilson Disease -Peutz-Jeghers -CPV Tachycardia -EAS **EUR** Tuberous Sclerosis -Endocrine Neoplasias 2 -Malignant Hyperthermia -APC-Polyposis -Long QT Syndrome -PTEN Hamartomas -Arrhythm RV CM -OTC Deficiency -Brugada Syndrome -Disease Marfan Syndrome - $\mathbf{D}$ Hypertrophic CM -Ehlers-Danlos -Lynch Syndrome -Fabry's Disease -Dilated CM -Retinoblastoma -Hypercholesterolemia -Neurofibromatosis -Endocrine Neoplasias 1 -Wilson Disease -Peutz-Jeghers -CPV Tachycardia -SAS Total Tuberous Sclerosis -Endocrine Neoplasias 2 -Malignant Hyperthermia -APC-Polyposis -Long QT Syndrome -PTEN Hamartomas -Arrhythm RV CM -OTC Deficiency -Brugada Syndrome -Marfan Syndrome -Hypertrophic CM -Ehlers-Danlos -Lynch Syndrome -Fabry's Disease -Dilated CM -Retinoblastoma -Hypercholesterolemia -Neurofibromatosis -Endocrine Neoplasias 1 -Wilson Disease -Peutz-Jeghers -CPV Tachycardia -0.75 0.50 0.75 0.50 0.00 0.25 1.00 Penetrance