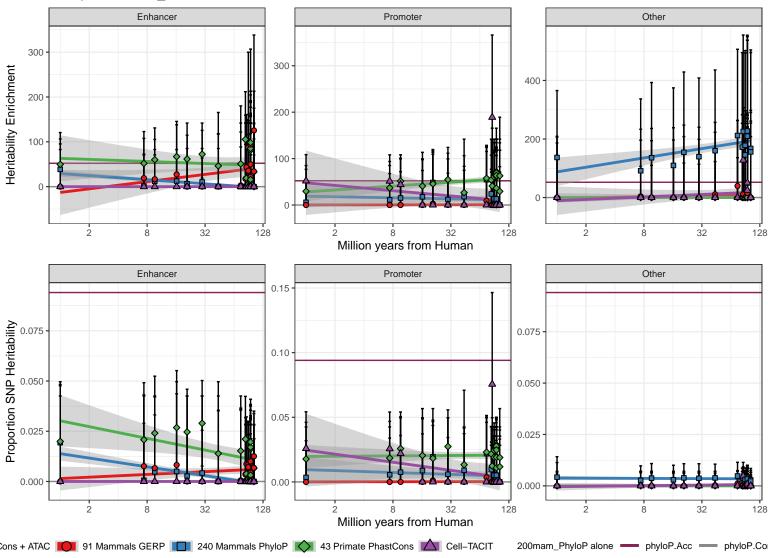
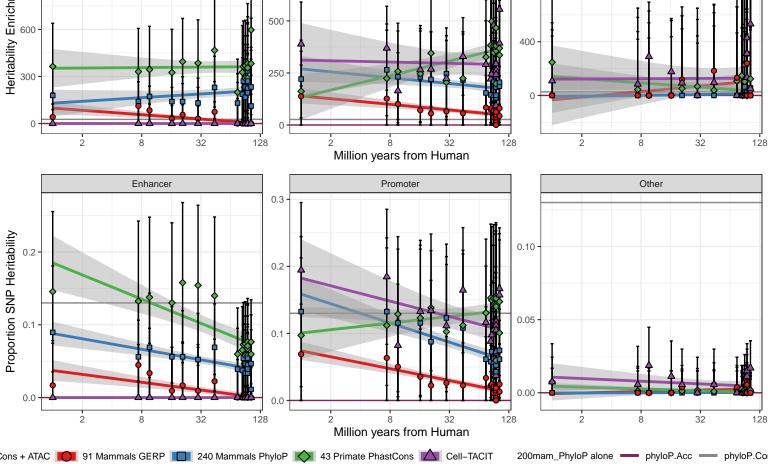
OPC, AD\_E Enhancer Promoter Other 250 200 1000 -Heritability Enrichment 400 150 -500 100 200 -50 0 32 32 128 32 128 128 2 8 8 Million years from Human Enhancer Promoter Other 0.12 0.12 -Proportion SNP Heritability 0.10 0.08 -0.08 0.05 0.04 0.00 0.00 0.00 32 128 32 128 32 8 8 128 Million years from Human cons + ATAC 🚺 91 Mammals GERP 🔲 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

## OPC, AD-ADBP\_E

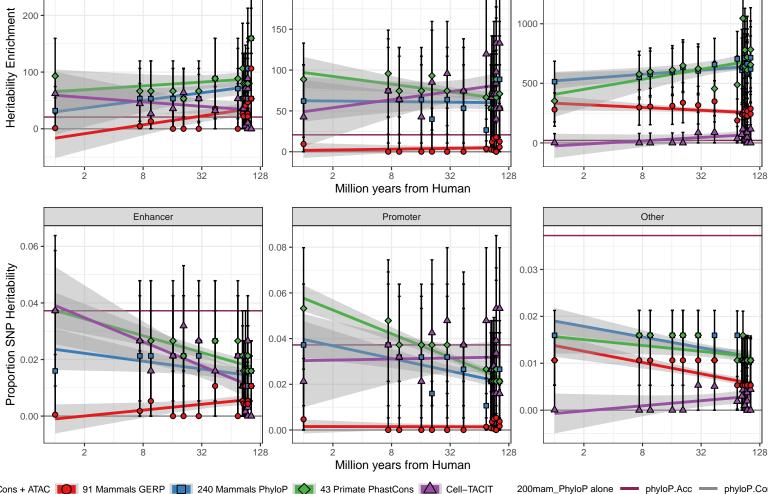


OPC, ALS\_E Enhancer Promoter Other Heritability Enrichment 



#### OPC, AMD\_E Enhancer Promoter Other 150 Heritability Enrichment 80 400 100 40 -200 50 32 32 128 32 128 8 128 2 8 2 Million years from Human Other Enhancer Promoter 0.05 -0.04 0.04 Proportion SNP Heritability 0.03 0.03 0.02 0.02 0.01 0.01 0.00 0.00 0.00 32 32 8 128 32 128 8 128 2 Million years from Human Cons + ATAC 🚺 91 Mammals GERP 📘 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

# OPC, PD-PDBP\_E Enhancer Promoter Other 150



#### OPC, Cross-Psych\_E Enhancer Promoter Other 250 600 200 Heritability Enrichment 90 400 -150 60 100 200 -50 30 32 128 32 32 128 8 128 8 Million years from Human Other Enhancer Promoter 0.03 0.03 0.04 Proportion SNP Heritability 0.02 0.03 0.02 0.01 0.01 0.00 0.00 32 32 128 32 128 8 128 2 8 Million years from Human Cons + ATAC 🚺 91 Mammals GERP 📘 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

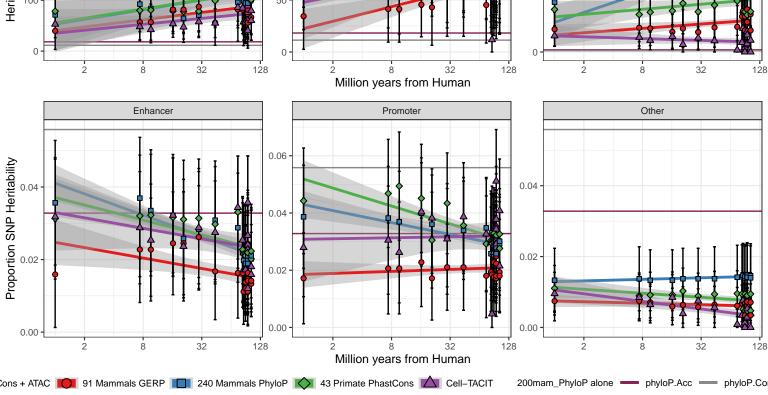
#### Heritability Enrichment Million years from Human Promoter Other Enhancer 0.06

Promoter

Other

OPC, ADHD\_E

Enhancer

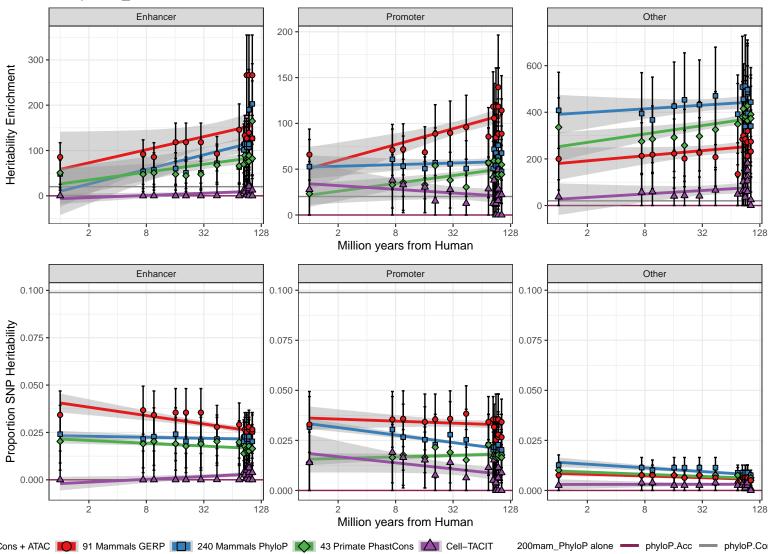


#### OPC, Anorexia\_E Enhancer Promoter Other 125 200 Heritability Enrichment 100 400 150 75 100 200 -50 50 25 32 128 32 128 32 128 2 8 Million years from Human Other Enhancer Promoter 0.03 0.04 Proportion SNP Heritability 0.02 -0.04 0.01 -0.02 0.00 0.00 0.00 32 32 128 32 128 128 2 8 8 2 8 Million years from Human Cons + ATAC 🚺 91 Mammals GERP 📘 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

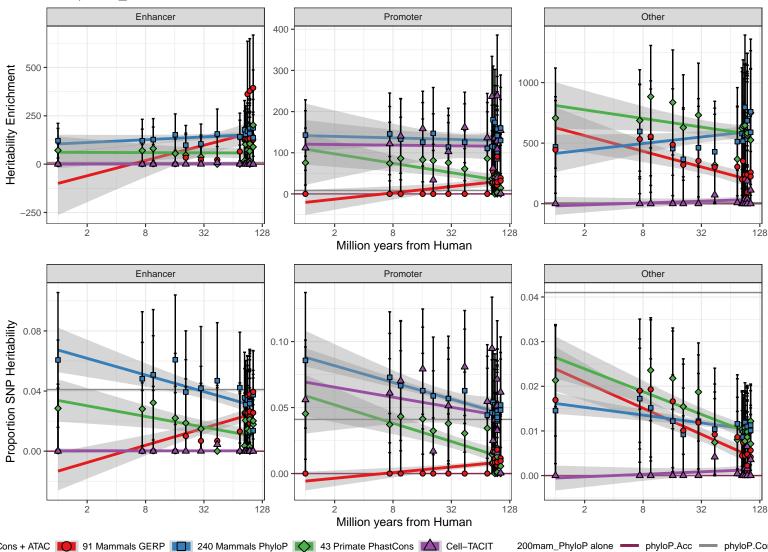
OPC, Bipolar\_E Enhancer Promoter Other 75 -200 Heritability Enrichment 100 50 -100 50 25 32 128 32 32 128 128 2 2 8 Million years from Human Enhancer Promoter Other 0.020 0.03 -Proportion SNP Heritability 0.0050 0.02 0.0025 0.01 -0.0000 0.000 -0.00 -0.0025 32 32 128 32 128 2 8 8 2 8 128 Million years from Human cons + ATAC 🚺 91 Mammals GERP 🔲 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

#### OPC, Depression\_E Enhancer Promoter Other 400 -200 Heritability Enrichment 100 300 200 100 50 -100 0 -32 32 128 32 128 128 2 8 8 Million years from Human Other Enhancer Promoter 0.05 -0.03 Proportion SNP Heritability 0.04 0.02 -0.03 0.02 0.01 0.01 0.00 0.00 0.00 32 32 128 32 128 8 8 128 Million years from Human cons + ATAC 🚺 91 Mammals GERP 🔲 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

OPC, MDD\_E

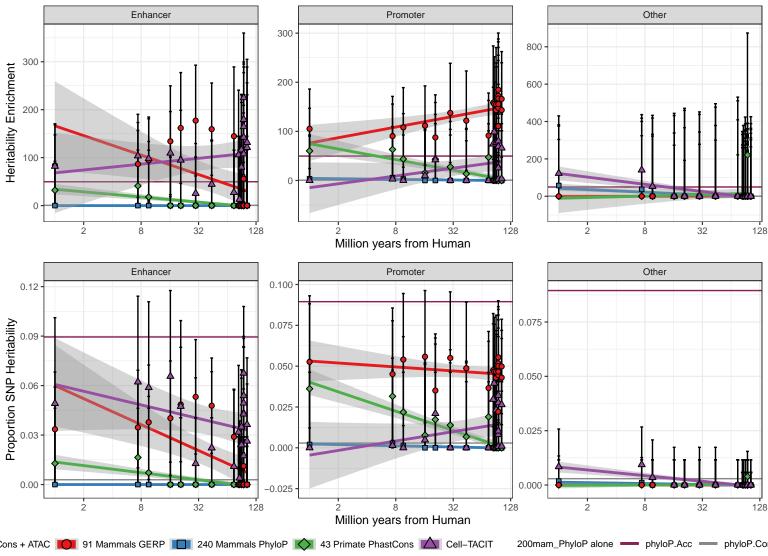


## OPC, OCD\_E



#### OPC, PTSD\_A Enhancer Promoter Other 900 600 4000 Heritability Enrichment 600 3000 400 2000 300 200 1000 32 32 32 128 2 8 128 128 8 Million years from Human Other Enhancer Promoter 0.20 0.20 Proportion SNP Heritability 0.2 0.15 0.1 0.10 0.0 0.05 0.00 0.00 -0.1 32 8 128 32 128 32 2 2 8 128 Million years from Human cons + ATAC 🚺 91 Mammals GERP 📘 240 Mammals PhyloP ᠺ 43 Primate PhastCons 🛕 Cell–TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

## OPC, PTSD\_E



# Heritability Enrichment 200 75 -100 50 100 -50 25

Promoter

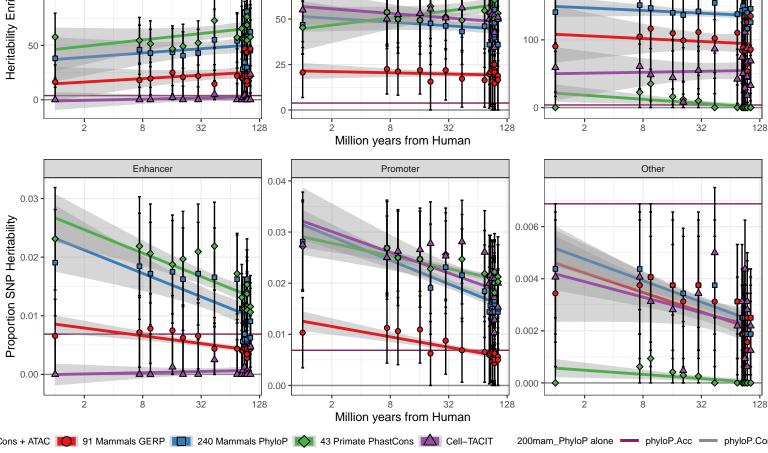
100

Other

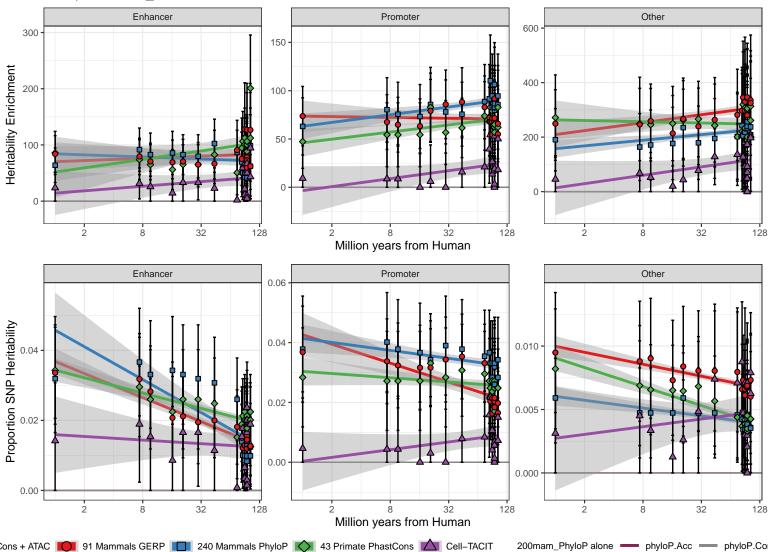
OPC, Schizophrenia\_E

150

Enhancer



## OPC, AUDIT-C\_E



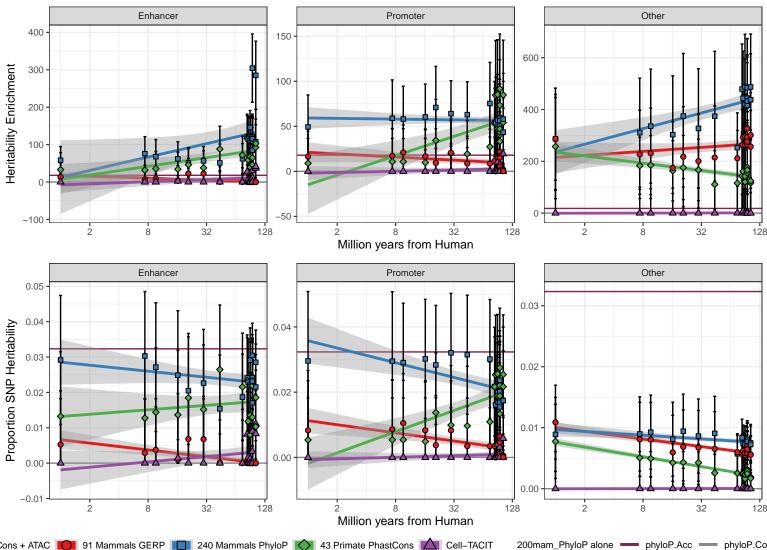
#### OPC, DrinksPerWeek\_E Enhancer Promoter Other 600 100 200 Heritability Enrichment 75 150 400 100 50 -200 50 25 -32 128 32 32 128 128 2 8 Million years from Human Enhancer Promoter Other 0.05 Proportion SNP Heritability 0.04 0.04 -0.03 0.03 0.02 0.02 0.01 0.01 0.00 0.00 32 128 32 128 32 2 8 8 2 8 128 Million years from Human Cons + ATAC 🔘 91 Mammals GERP 📘 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

OPC, CannabisUse\_E Enhancer Promoter Other 300 150 Heritability Enrichment 400 200 100 100 200 50 -32 128 32 128 32 8 128 2 Million years from Human Other Enhancer Promoter 0.015 0.04 Proportion SNP Heritability 0.04 -0.010 0.005 0.02 0.000 0.00 32 32 32 128 128 8 8 8 128 Million years from Human Cons + ATAC 🚺 91 Mammals GERP 📘 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

#### OPC, CoffeePerDay\_E Enhancer Promoter Other 900 2000 400 Heritability Enrichment 600 1500 300 200 -1000 300 100 500 32 32 128 32 2 128 8 128 8 Million years from Human Enhancer Promoter Other 0.100 Proportion SNP Heritability 0.08 -0.075 0.050 0.04 -0.025 0.00 0.000 32 128 32 128 32 128 2 8 8 Million years from Human cons + ATAC 🚺 91 Mammals GERP 🔲 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

#### OPC, SmokAgeOfInit\_E Enhancer Promoter Other 300 -Heritability Enrichment 150 100 200 -100 50 100 -50 32 128 32 128 32 128 2 8 8 8 Million years from Human Other Enhancer Promoter 0.04 Authorition SNP Heritability 0.03 0.04 0.02 0.02 0.01 -0.00 0.00 32 128 8 32 128 32 2 8 8 128 Million years from Human Cons + ATAC 🚺 91 Mammals GERP 📘 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

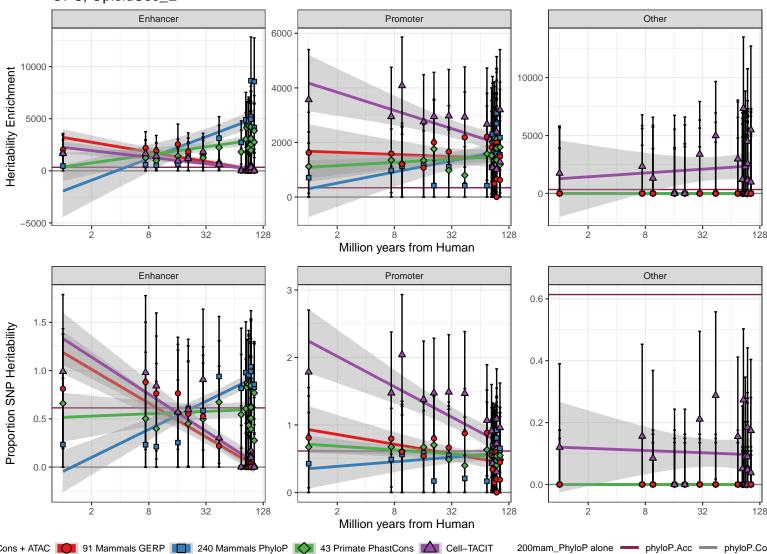
## OPC, SmokCessation\_E



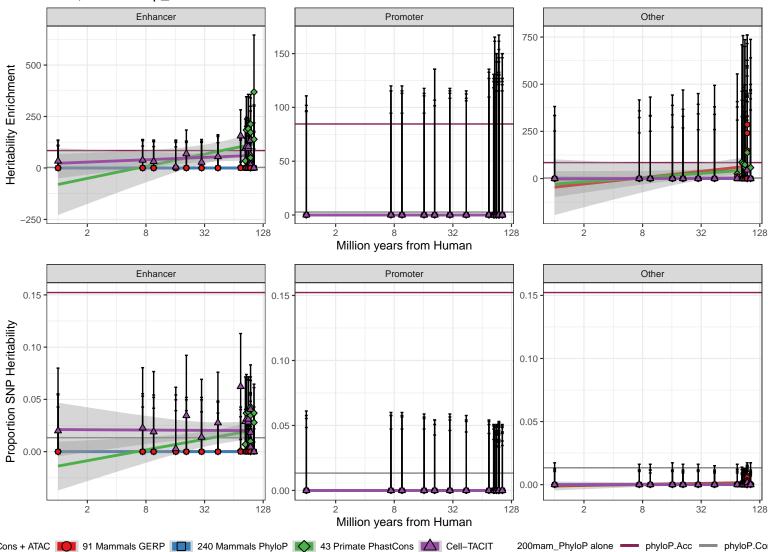
#### OPC, SmokCigPerDay\_E Enhancer Promoter Other 500 150 400 Heritability Enrichment 200 100 300 200 100 -50 · 100 32 32 128 32 8 128 8 128 8 Million years from Human Other Enhancer Promoter 0.06 -Proportion SNP Heritability 0.04 0.04 0.02 -0.02 0.00 0.00 32 32 128 32 128 128 2 8 8 8 Million years from Human Cons + ATAC 🚺 91 Mammals GERP 📘 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

#### OPC, SmokInitiation\_E Enhancer Promoter Other 100 300 -150 Heritability Enrichment 75 -200 -100 50 · 100 -50 25 32 32 128 32 128 2 128 8 Million years from Human Other Enhancer Promoter Proportion SNP Heritability 0.03 -0.03 0.02 -0.02 0.01 0.01 0.00 0.00 0.00 32 128 32 128 32 8 8 128 Million years from Human Cons + ATAC 🚺 91 Mammals GERP 📘 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

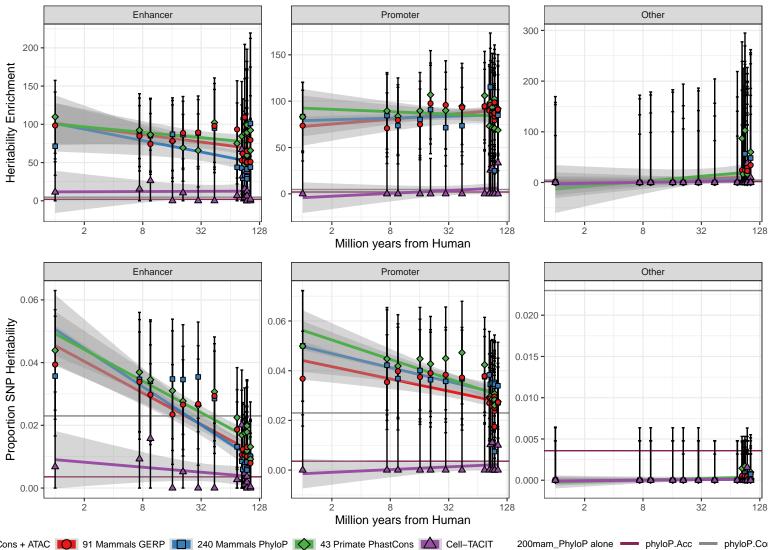
## OPC, OpioidUse\_E



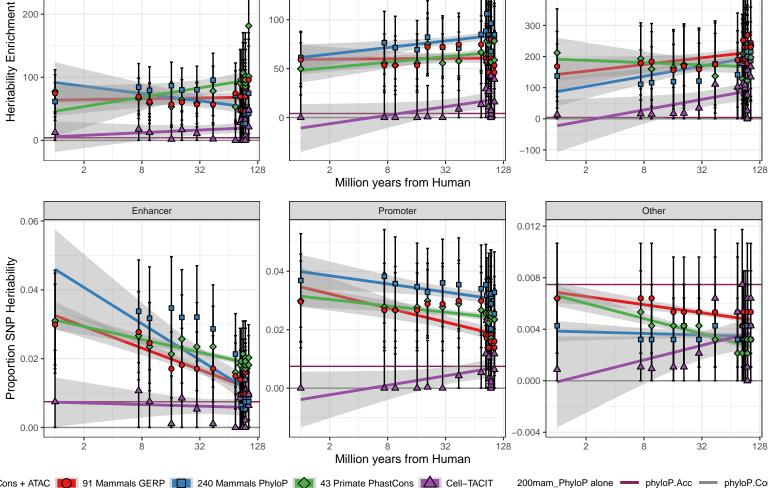
### OPC, AlcoholDep\_E



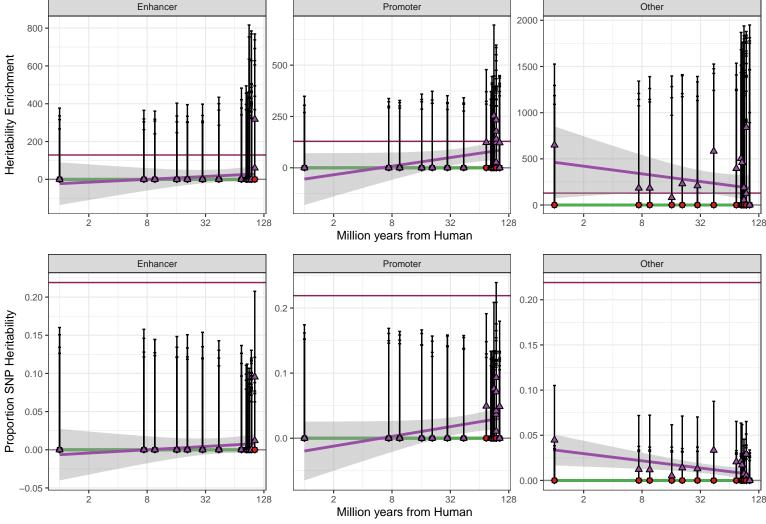
## OPC, AUDIT-P\_E



#### OPC, AUDIT-Tot\_E Enhancer Promoter Other 100 -



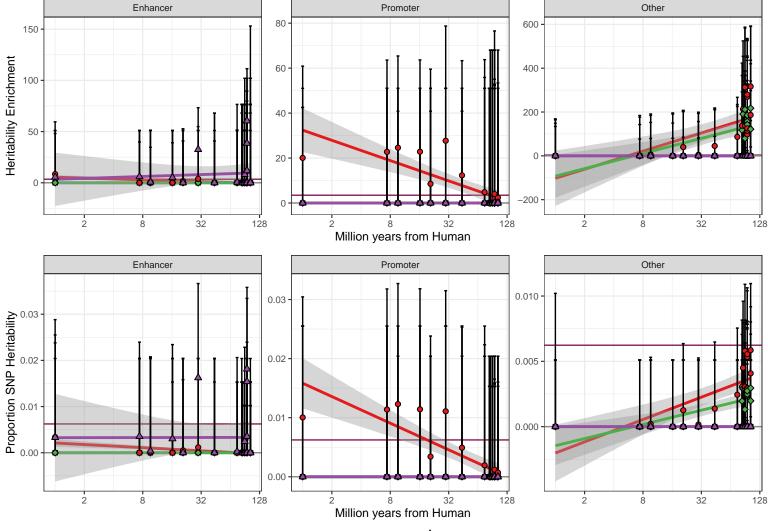
#### OPC, CannabisUD\_A Enhancer Promoter Other 2000 800



200mam\_PhyloP alone phyloP.Acc phyloP.Co

cons + ATAC 🚺 91 Mammals GERP 🔲 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT

#### OPC, CannabisUD\_E Enhancer Promoter Other 80 600



cons + ATAC 🚺 91 Mammals GERP 🔲 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

OPC, CocaineDep\_E Enhancer Promoter Other 300 -2500 2000 Heritability Enrichment 200 1500 1000 100 500 32 32 128 32 8 128 128 2 8 Million years from Human Enhancer Other Promoter Proportion SNP Heritability 0.2 -0.2 -0.2 0.1 0.1 0.0 0.0 32 128 32 128 32 2 8 8 128 Million years from Human Cons + ATAC 🚺 91 Mammals GERP 📘 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

#### OPC, OpioidDep\_E Enhancer Promoter Other 6000 Heritability Enrichment 600 1000 4000 300 500 2000 0 . 0 32 128 32 128 32 2 128 8 8 Million years from Human Enhancer Promoter Other Proportion SNP Heritability 0.6 0.6 0.6 0.4 0.4 0.4 -0.2 -0.2 0.2 -0.0 0.0 0.0 32 128 32 128 32 8 8 128 Million years from Human Cons + ATAC 🚺 91 Mammals GERP 📘 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

#### OPC, OpioidDep-vs-Exp\_A Enhancer Promoter Other 1500 4000 Heritability Enrichment 800 3000 1000 400 2000 500 1000 0 -500 32 32 128 32 8 2 8 128 128 Million years from Human Other Enhancer Promoter 2.5 2.5 2.5 Proportion SNP Heritability 2.0 2.0 -2.0 1.5 -1.5 1.5 1.0 -1.0 1.0 0.5 -0.5 0.5 0.0 0.0 32 8 128 32 128 32 2 8 128 Million years from Human

200mam\_PhyloP alone phyloP.Acc phyloP.Co

Cons + ATAC 🚺 91 Mammals GERP 📘 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT

#### OPC, EduAttain\_E Enhancer Promoter Other 100 150 Heritability Enrichment 200 75 100 50 -100 50 32 32 128 32 128 128 8 Million years from Human Other Enhancer Promoter 0.006 0.03 -0.03 Proportion SNP Heritability 0.004 0.02 -0.002 0.01 0.00 0.000 32 32 128 32 128 128 8 8 Million years from Human Cons + ATAC 📗 91 Mammals GERP 🔲 240 Mammals PhyloP 🔷 43 Primate PhastCons 🔼 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

#### OPC, Income\_E Enhancer Promoter Other 100 500 200 400 Heritability Enrichment 75 150 300 50 100 200 50 25 100 -50 32 32 128 32 128 2 8 128 8 Million years from Human Enhancer Promoter Other 0.03 0.0100 Proportion SNP Heritability 0.03 0.0075 0.02 0.0050 0.01 0.0025 0.00 0.00 32 32 32 2 8 128 8 128 2 128 8 Million years from Human 91 Mammals GERP 240 Mammals PhyloP 343 Primate PhastCons Cell-TACIT Cons + ATAC 200mam\_PhyloP alone phyloP.Acc phyloP.Co

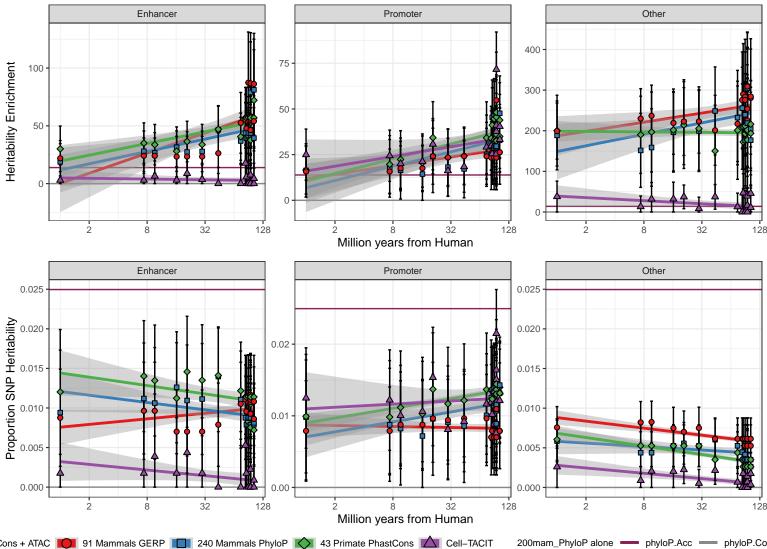
#### OPC, BMI\_E Enhancer Promoter Other 80 150 400 Heritability Enrichment 60 300 100 200 40 50 100 20 32 32 128 32 128 128 Million years from Human Enhancer Promoter Other 0.025 0.03 -0.03 -Proportion SNP Heritability 0.020 0.02 0.015 0.02 -0.010 0.005 0.01 0.00 0.000 32 128 128 32 32 8 8 128 Million years from Human Cons + ATAC 91 Mammals GERP 🔲 240 Mammals PhyloP 🔷 43 Primate PhastCons 🔼 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

#### OPC, BrainVol\_E Enhancer Promoter Other 200 300 Heritability Enrichment 600 150 200 100 400 50 100 -200 32 32 128 32 8 2 128 128 8 Million years from Human Other Enhancer Promoter 0.06 -0.06 0.06 Proportion SNP Heritability 0.04 0.04 -0.02 0.02 0.00 0.00 0.00 32 128 32 128 32 128 2 8 8 8 Million years from Human Cons + ATAC 🚺 91 Mammals GERP 📘 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

#### OPC, Neuroticsim\_E Enhancer Promoter Other 200 500 150 400 Heritability Enrichment 75 300 100 50 200 50 25 -100 32 128 32 128 32 2 128 Million years from Human Enhancer Promoter Other Proportion SNP Heritability 0.03 0.03 0.03 -0.02 0.02 -0.01 0.01 -0.00 0.00 32 128 8 32 128 32 128 8 8 Million years from Human Cons + ATAC 🚺 91 Mammals GERP 📘 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

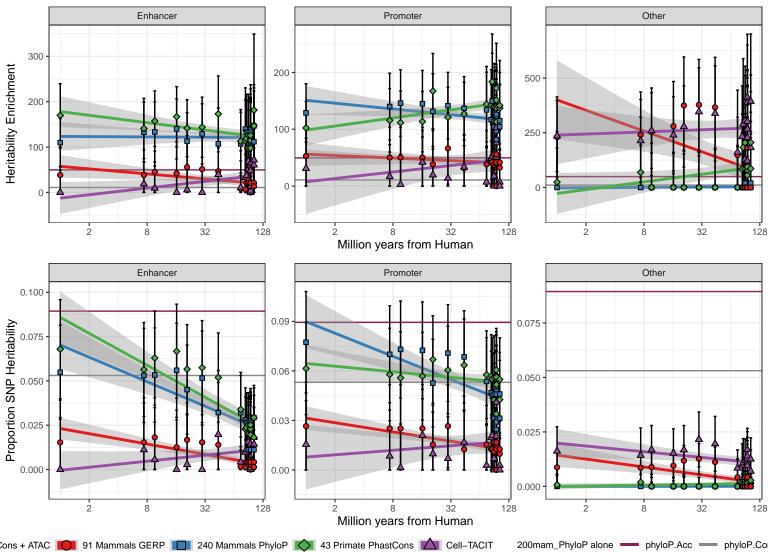
#### OPC, Intelligence\_E Enhancer Promoter Other 200 Heritability Enrichment 300 90 150 200 60 100 100 50 30 32 32 128 32 128 128 Million years from Human Enhancer Promoter Other 0.008 0.03 0.03 -Proportion SNP Heritability 0.006 0.02 0.004 0.01 0.002 0.00 32 128 32 128 32 128 8 8 Million years from Human Cons + ATAC 🚺 91 Mammals GERP 📘 240 Mammals PhyloP 🔷 43 Primate PhastCons 🔼 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

## OPC, RiskyBehavior\_E



OPC, Worry\_E Enhancer Promoter Other 600 200 Heritability Enrichment 100 400 100 -50 -200 32 128 32 32 128 2 8 8 Million years from Human Enhancer Promoter Other 0.03 0.03 -Proportion SNP Heritability 0.02 -0.02 0.01 0.01 0.00 0.00 32 128 32 128 32 8 8 2 8 128 Million years from Human Cons + ATAC 🚺 91 Mammals GERP 📘 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

## OPC, ChronicPain\_E



#### OPC, Headache\_E Enhancer Promoter Other 500 150 400 -Heritability Enrichment 200 100 300 -200 100 -50 100 -32 128 32 32 128 8 128 8 2 Million years from Human Other Enhancer Promoter 0.04 0.05 0.05 Proportion SNP Heritability 0.04 0.03 0.03 0.02 0.02 0.01 -0.01 0.00 0.00 0.00 32 128 8 32 128 32 2 8 2 8 128 Million years from Human

Cons + ATAC 🚺 91 Mammals GERP 🔲 240 Mammals PhyloP 🚺 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone 💳 phyloP.Acc 🥌 phyloP.Co

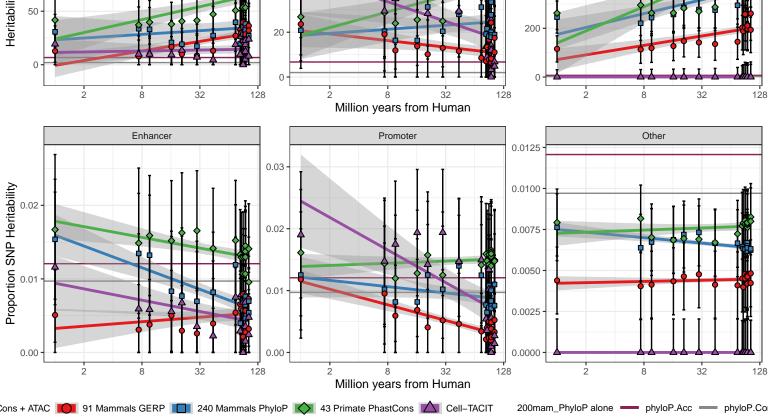
Heritability Enrichment Million years from Human Enhancer Promoter Other 0.0125 0.03 -

Promoter

Other

OPC, DaySleepiness\_E

Enhancer



#### OPC, Dozing\_E Enhancer Promoter Other 400 200 2000 Heritability Enrichment 300 1500 150 200 1000 100 100 500 50 0 32 32 128 32 128 2 128 8 8 Million years from Human Enhancer Promoter Other 0.100 0.08 0.06 Proportion SNP Heritability 0.075 0.04 0.050 0.02 0.025 0.00 0.00 32 32 8 32 128 2 8 128 2 8 128 Million years from Human Cons + ATAC 🚺 91 Mammals GERP 📘 240 Mammals PhyloP 🔷 43 Primate PhastCons 🔼 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

OPC, Gettingup\_E Enhancer Promoter Other 600 300 120 Heritability Enrichment 200 400 -80 -100 -200 40 32 32 128 32 128 8 128 8 Million years from Human Other Enhancer Promoter 0.04 -0.04 0.04 Proportion SNP Heritability 0.03 0.03 0.02 0.02 0.01 0.01 0.00 0.00 32 128 32 128 32 2 8 128 Million years from Human Cons + ATAC 🚺 91 Mammals GERP 📘 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

#### OPC, Insomnia\_E Enhancer Promoter Other 500 200 150 400 -Heritability Enrichment 150 100 300 100 200 50 -50 100 32 32 128 32 128 8 128 8 Million years from Human Other Enhancer Promoter 0.03 0.04 0.04 Proportion SNP Heritability 0.03 0.01 0.03 0.02 -0.02 0.01 0.01 0.00 0.00 32 128 32 32 128 8 8 2 128 Million years from Human Cons + ATAC 🔘 91 Mammals GERP 📘 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

#### OPC, Morningness\_E Enhancer Promoter Other 125 250 600 100 200 Heritability Enrichment 150 75 400 100 50 50 200 25 32 128 32 128 8 Million years from Human Enhancer Promoter Other 0.04 -0.04 -0.03 Proportion SNP Heritability 0.03 0.02 -0.02 -0.01 0.01 0.00 0.00 32 32 128 32 128 128 2 8 8 Million years from Human Cons + ATAC 91 Mammals GERP 🔲 240 Mammals PhyloP 🔷 43 Primate PhastCons 🔼 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

#### Enhancer Promoter Other 150 200 300 Heritability Enrichment 100 200 100 50 100 -50 -10032 32 128 32 128 2 128 8 Million years from Human Enhancer Promoter Other 0.075 Proportion SNP Heritability 0.06 -0.050 -0.04 0.025 0.02 0.000 0.00 0.00

OPC, Napping\_E

Cons + ATAC 🚺 91 Mammals GERP 🔲 240 Mammals PhyloP 🚺 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone 💳 phyloP.Acc 🥌 phyloP.Co

Million years from Human

32

128

2

8

32

128

-0.025

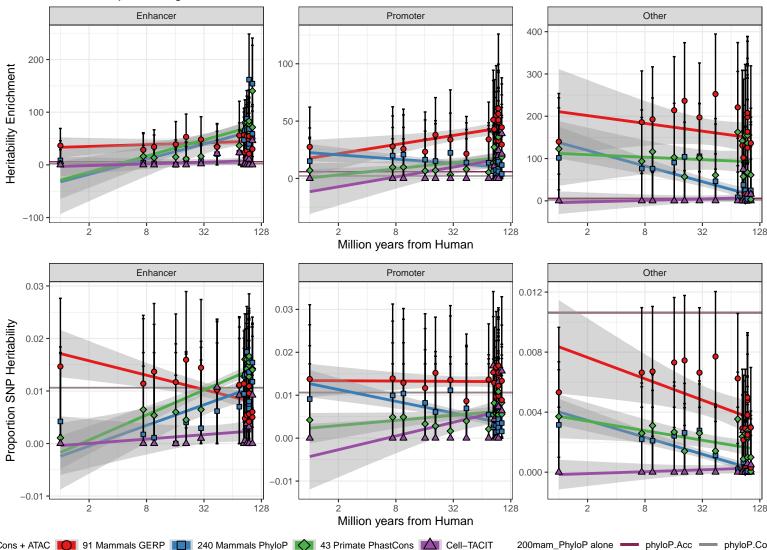
128

32

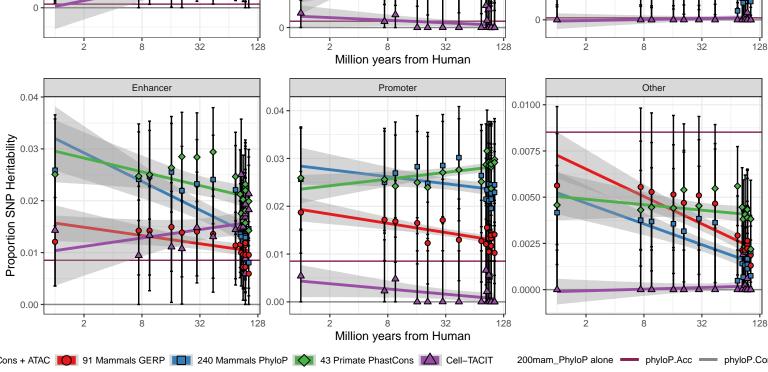
2

8

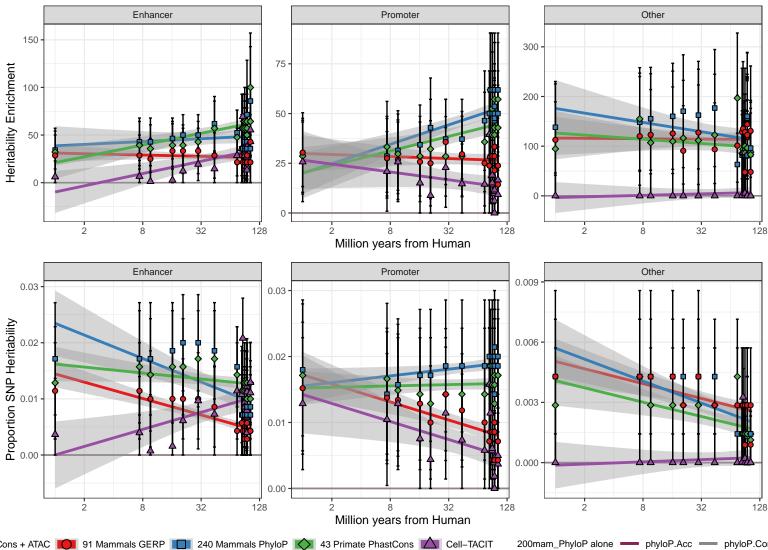
## OPC, SleepDurLong\_E



#### OPC, SleepDurShort\_E Enhancer Promoter Other 400 200 Heritability Enrichment 150 300 100 100 200 50 50 100 32 32 32 8 128 2 128 8 128 2 8 Million years from Human Enhancer Promoter Other 0.04 0.0100 -0.04 0.0075 0.03



## OPC, SleepDurTot\_E

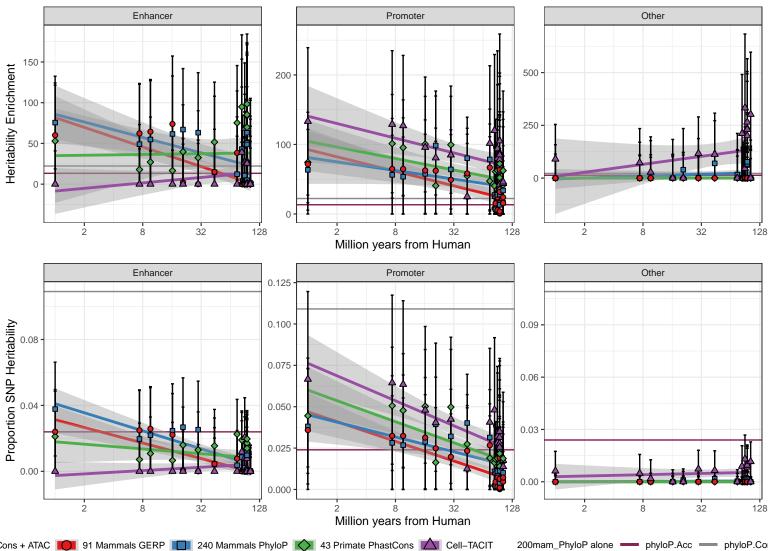


OPC, Snoring\_E Enhancer Promoter Other 50 500 40 400 -Heritability Enrichment 100 30 -300 -50 20 200 -10 -100 0 . 0 32 128 32 32 128 128 2 8 8 Million years from Human Enhancer Promoter Other 0.06 0.06 0.06 Proportion SNP Heritability 0.04 0.04 -0.02 0.02 0.00 0.00 -0.00 32 128 32 128 2 8 8 32 128 Million years from Human cons + ATAC 🚺 91 Mammals GERP 🔲 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

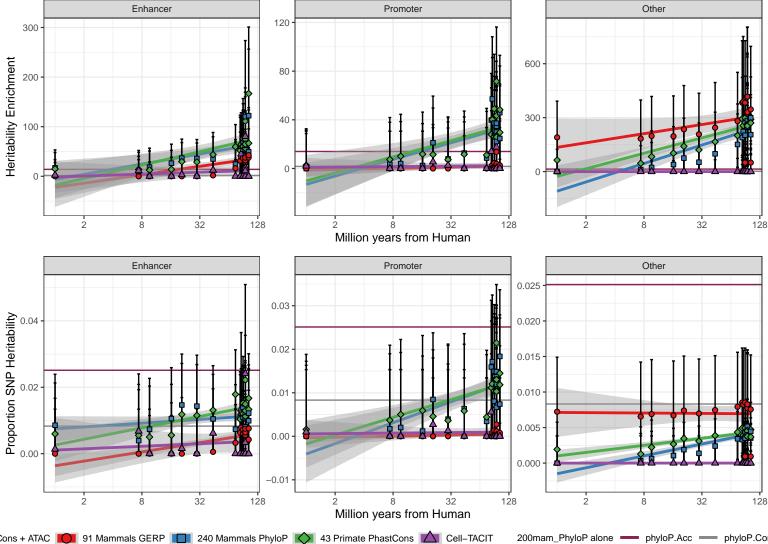
#### OPC, BloodUrea\_E Enhancer Promoter Other 600 150 Heritability Enrichment 80 400 100 40 50 200 -50 32 32 128 32 128 8 128 2 8 Million years from Human Enhancer Promoter Other 0.06 0.06 0.06 Proportion SNP Heritability 0.04 0.04 -0.02 -0.02 -0.00 0.00 0.00 32 128 32 128 32 2 8 8 128 Million years from Human cons + ATAC 🚺 91 Mammals GERP 🔲 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

OPC, HDL\_E Enhancer Promoter Other 300 120 Heritability Enrichment 100 200 -80 -50 40 -100 -50 32 32 128 32 2 128 2 128 8 Million years from Human Enhancer Promoter Other 0.03 0.03 0.0075 Proportion SNP Heritability 0.02 0.02 0.0050 -0.01 0.01 0.0025 -0.00 0.00 -0.0132 32 128 32 2 2 8 128 8 128 Million years from Human cons + ATAC 🚺 91 Mammals GERP 📘 240 Mammals PhyloP ᠺ 43 Primate PhastCons 🛕 Cell–TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

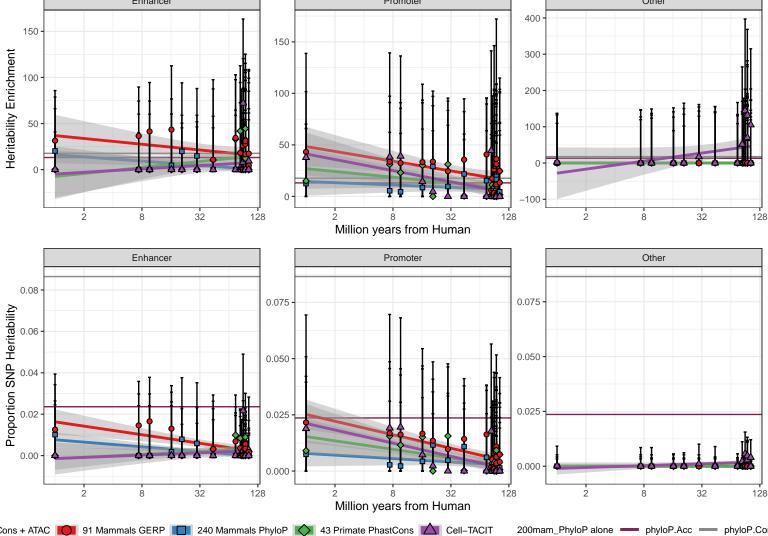
## OPC, LDL\_E



## OPC, T2Diabetes\_E Enhancer Promoter Other

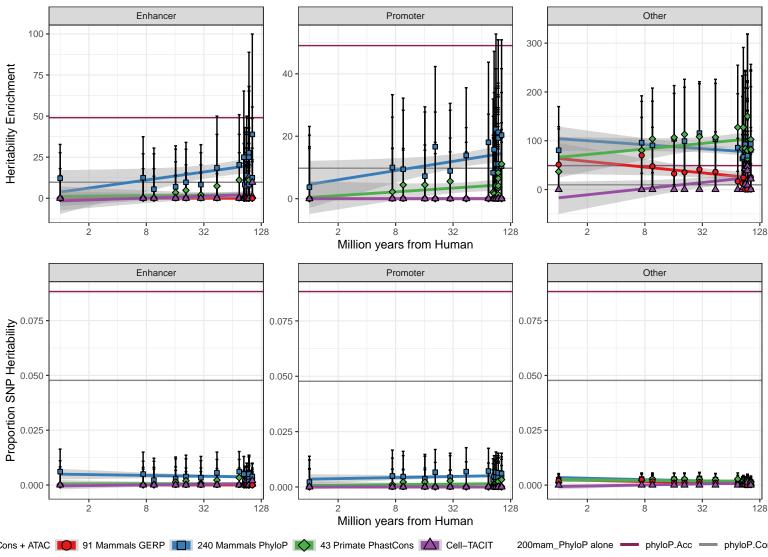


# OPC, TotCholesterol\_E Enhancer Promoter Other



#### OPC, Triglycerides\_E Enhancer Promoter Other 200 400 150 Heritability Enrichment 150 200 100 100 50 50 -32 128 32 128 32 2 2 128 8 Million years from Human Promoter Enhancer Other 0.03 0.06 -Proportion SNP Heritability 0.02 0.04 -0.01 -0.02 -0.00 0.00 0.00 32 128 32 128 32 2 8 8 128 Million years from Human cons + ATAC 🚺 91 Mammals GERP 🔲 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

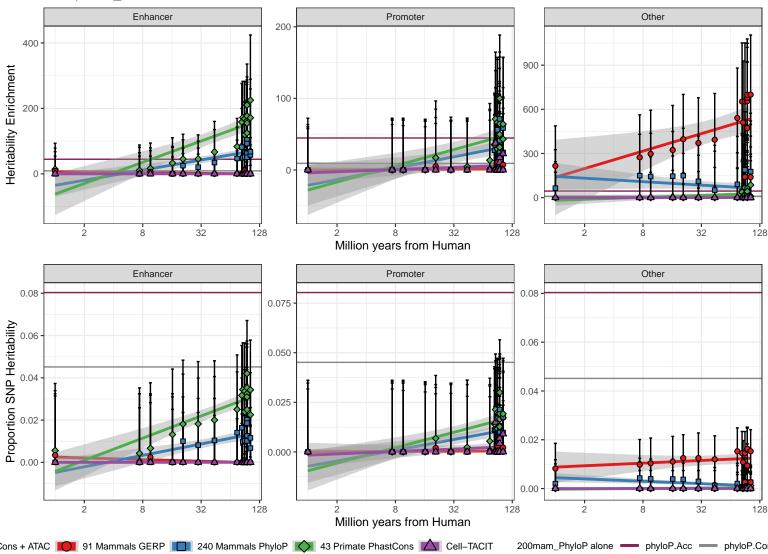
## OPC, BMD\_E



OPC, CAD\_E Enhancer Promoter Other 1200 300 200 Heritability Enrichment 800 200 100 400 100 32 32 32 128 2 8 128 128 2 8 Million years from Human Promoter Other Enhancer 0.05 Proportion SNP Heritability 0.075 -0.04 0.050 0.03 0.02 -0.025 0.01 0.000 0.00 0.00 32 2 8 128 32 128 8 32 8 2 128 Million years from Human cons + ATAC 🚺 91 Mammals GERP 🔲 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

#### OPC, Height\_E Enhancer Promoter Other 75 -200 Heritability Enrichment 200 -50 100 25 -100 -32 32 128 32 8 2 128 128 8 Million years from Human Enhancer Promoter Other 0.04 0.04 0.04 Proportion SNP Heritability 0.03 -0.03 -0.02 -0.02 0.01 0.01 -0.00 -0.00 0.00 32 2 128 32 128 32 8 8 128 Million years from Human cons + ATAC 🚺 91 Mammals GERP 🔲 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

### OPC, LBM\_E



#### OPC, Longevity\_E Enhancer Promoter Other 150 600 -100 Heritability Enrichment 75 100 400 -50 50 -200 -25 -32 32 128 32 8 8 128 128 2 8 Million years from Human Enhancer Promoter Other Proportion SNP Heritability 0.04 0.04 0.02 -0.02 0.00 32 32 128 8 32 128 8 8 128 Million years from Human Cons + ATAC 🚺 91 Mammals GERP 📘 240 Mammals PhyloP 🔷 43 Primate PhastCons 🛕 Cell-TACIT 200mam\_PhyloP alone phyloP.Acc phyloP.Co

## OPC, WHRadjBMI\_E

