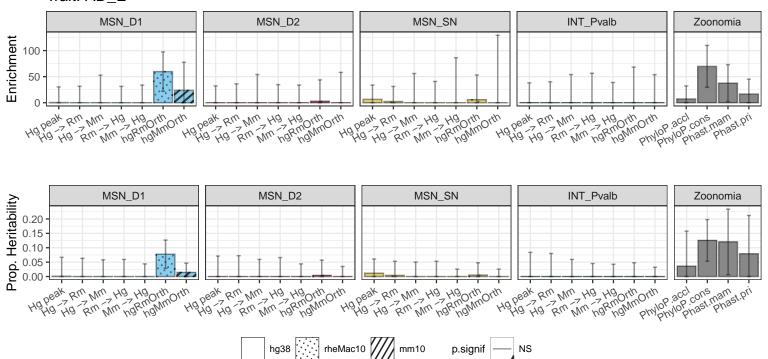
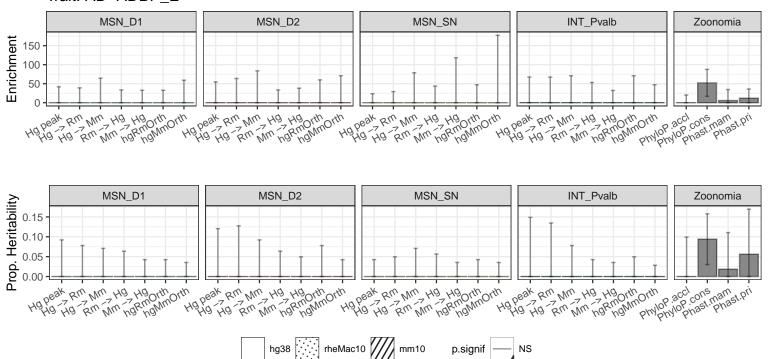
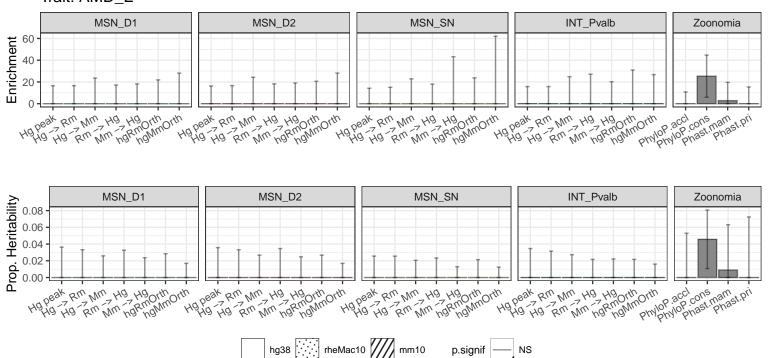
Trait: AD E



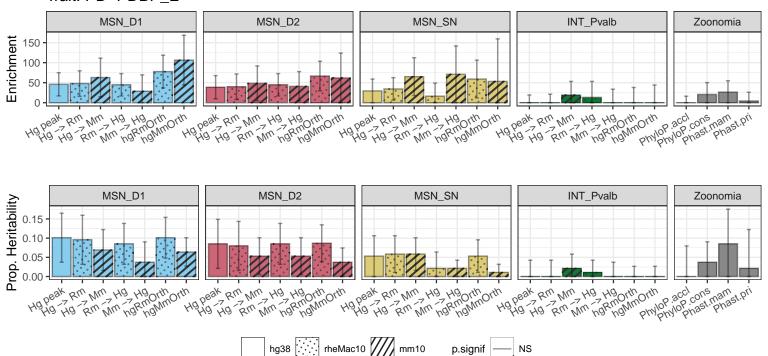
#### Trait: AD-ADBP E



Trait: AMD E



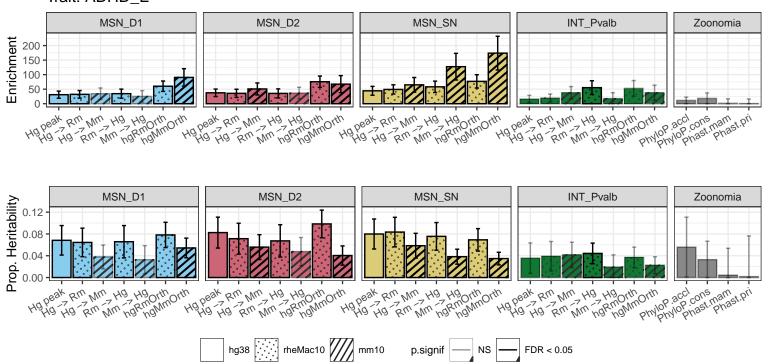
#### Trait: PD-PDBP E



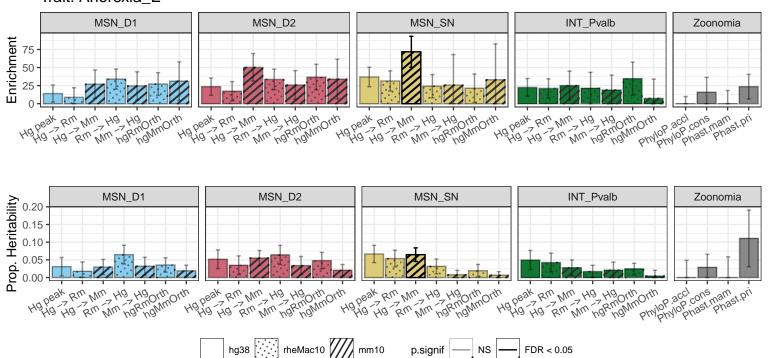
#### Trait: Cross-Psych E MSN\_D1 MSN\_D2 MSN\_SN INT\_Pvalb Zoonomia Enrichment 200 00 thorth phylophast phast pri HO HO KU MW HO HO ON ON Hopeak Rw Mw Ho Hoorhorn HO HO KU MW HO HOOMO H Haya Ha Kw Mw Ha Ha Oup Out MSN\_D1 MSN\_D2 MSN\_SN INT\_Pvalb Zoonomia Prop. Heritability 0.15 0.05 hworth accions hat phast pri HO PEAK RW WW HO HO CHOCK the Ha Ku Mu Ha Ha out out the Ha Ku Mu Ha Ha out out n besk Ku Mu Ha Halupulu bul



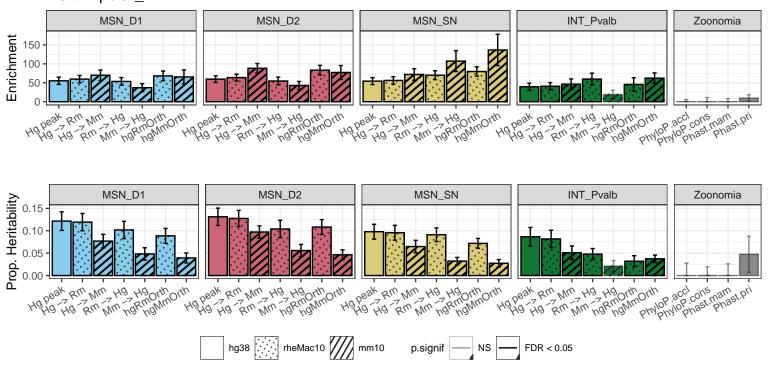
#### Trait: ADHD E



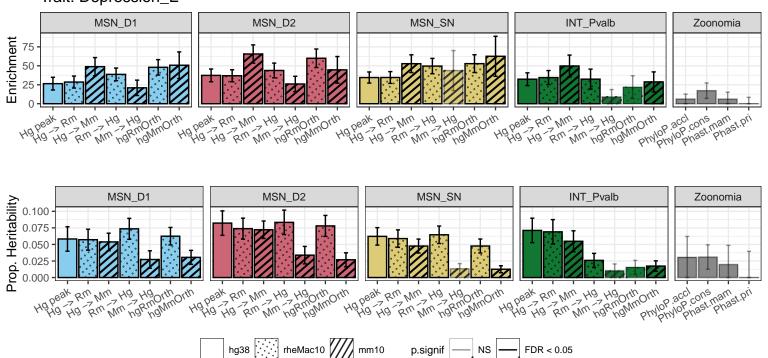
#### Trait: Anorexia E



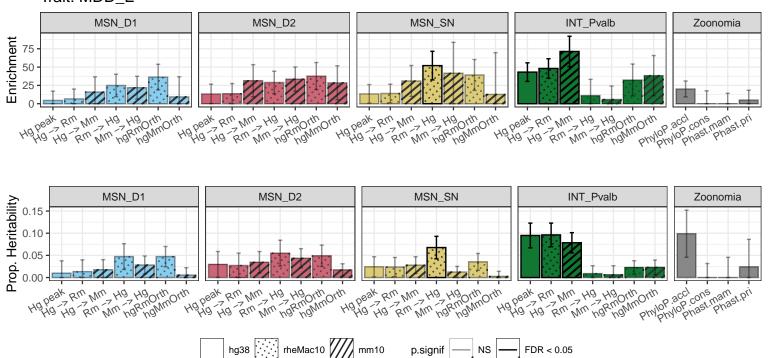
# Trait: Bipolar\_E



# Trait: Depression E



#### Trait: MDD E

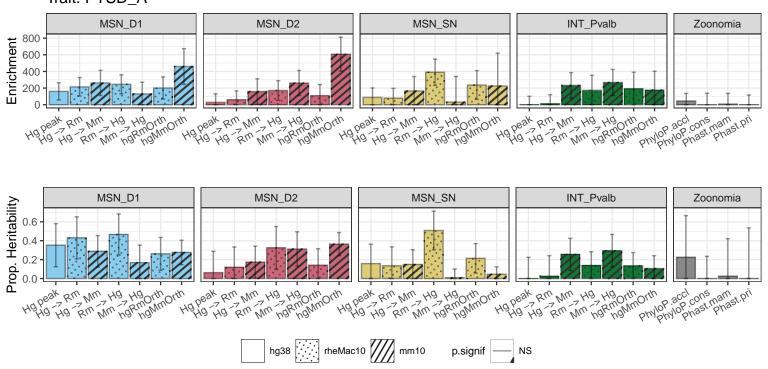


Trait: OCD E MSN\_D1 MSN\_D2 MSN\_SN INT\_Pvalb Zoonomia Enrichment 200 00 hulo by accious water by HO PEAK RW WW HO HO OUNOUN HOPER RU WW HO HO CHOCK th heak ku Mu Ha Ha out but Hata Ha Kw Mw Ha Haoupoup MSN\_D2 MSN\_SN INT\_Pvalb MSN\_D1 Zoonomia Heritability 0.4 0.3 0.2 Prop. th ha ka ku mu ha ha out un Orth acclons mam phylopiast. phast. pri HOPEAK RM MM HO HOOMON'N HO HO KU MW HO HO MORE HOMMO H HI HO KIN MM HO HOOM PHY hg38 : rheMac10 mm10

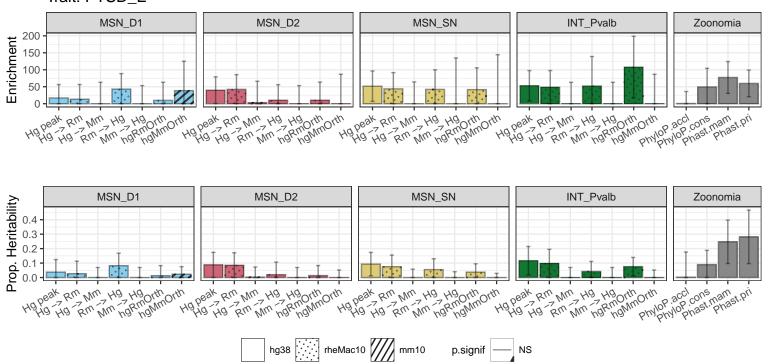
p.signif

NS

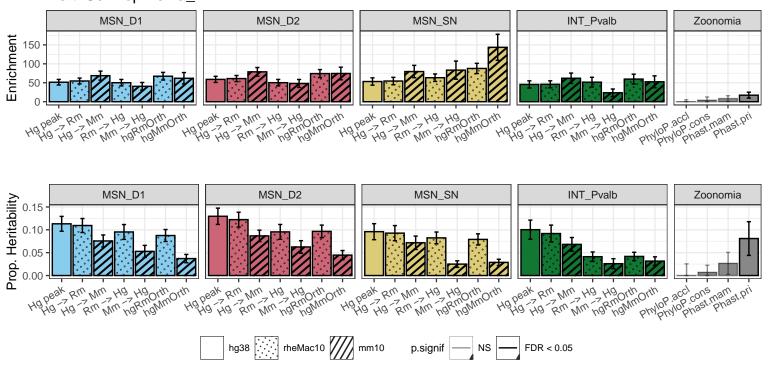
# Trait: PTSD A



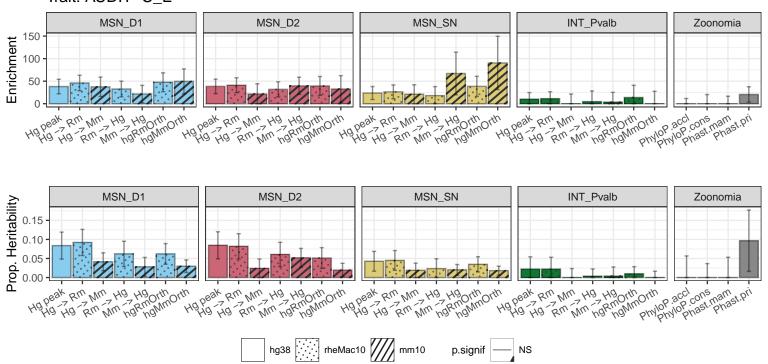
### Trait: PTSD E



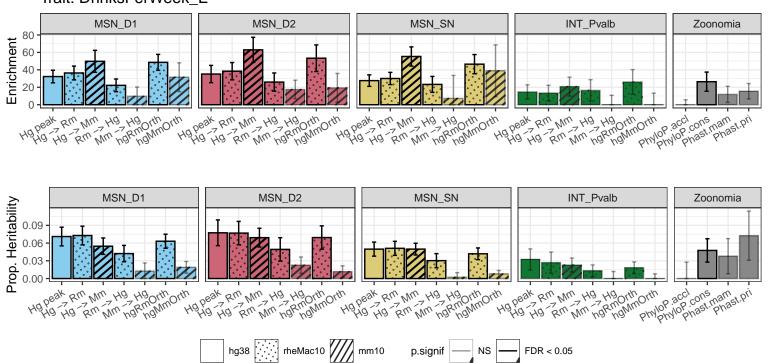
# Trait: Schizophrenia E



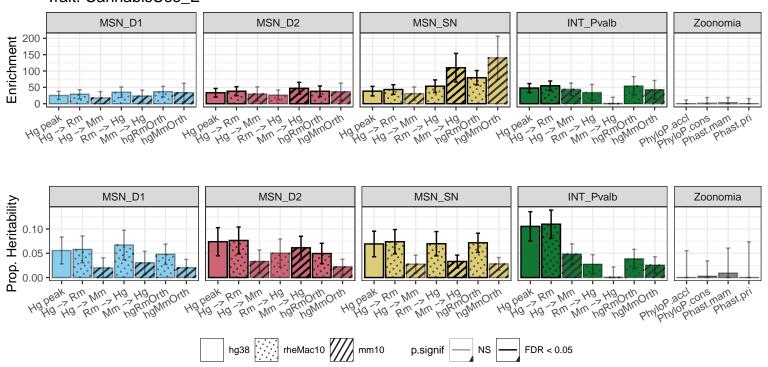
#### Trait: AUDIT-C E



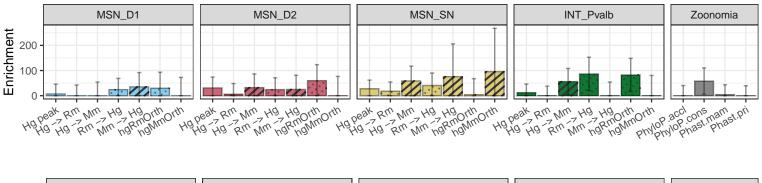
#### Trait: DrinksPerWeek E

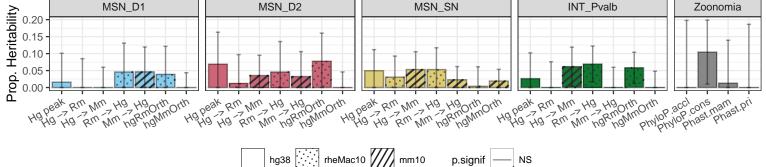


## Trait: CannabisUse E

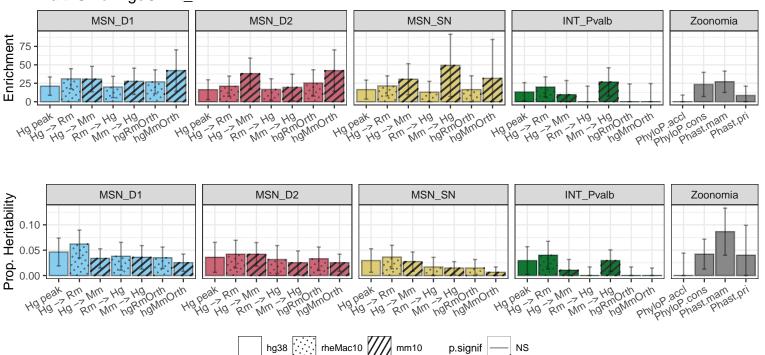


# Trait: CoffeePerDay E

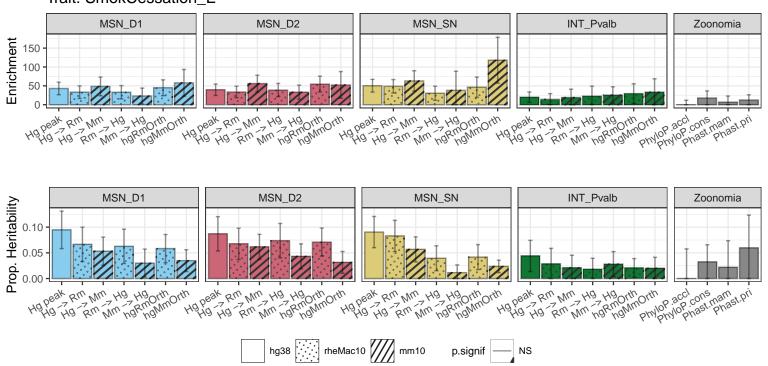




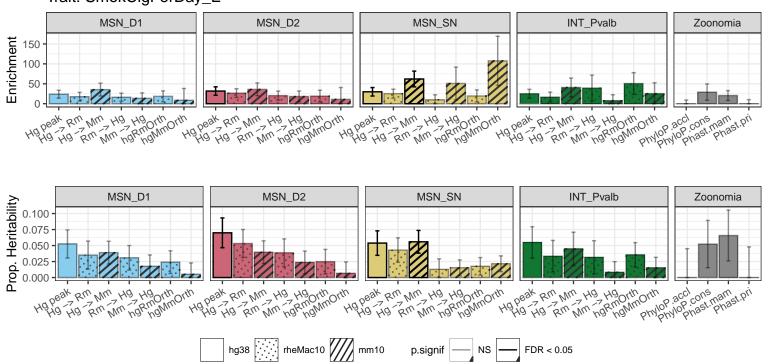
## Trait: SmokAgeOfInit E



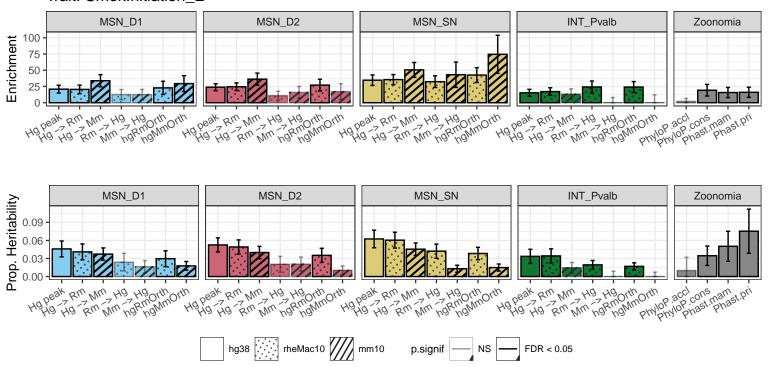
#### Trait: SmokCessation E



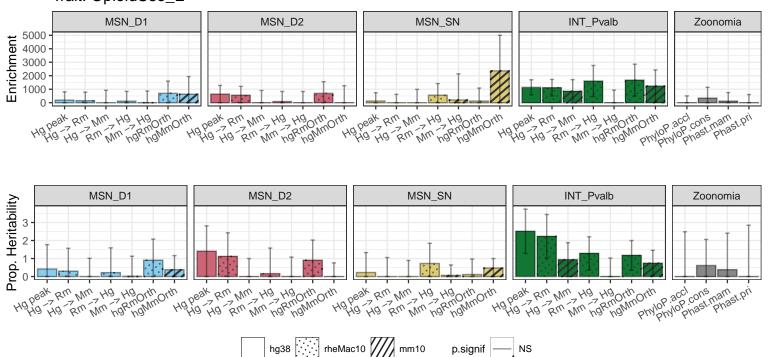
# Trait: SmokCigPerDay\_E



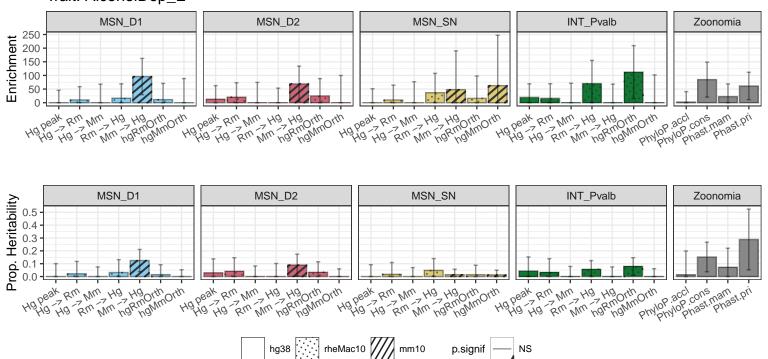
### Trait: SmokInitiation E



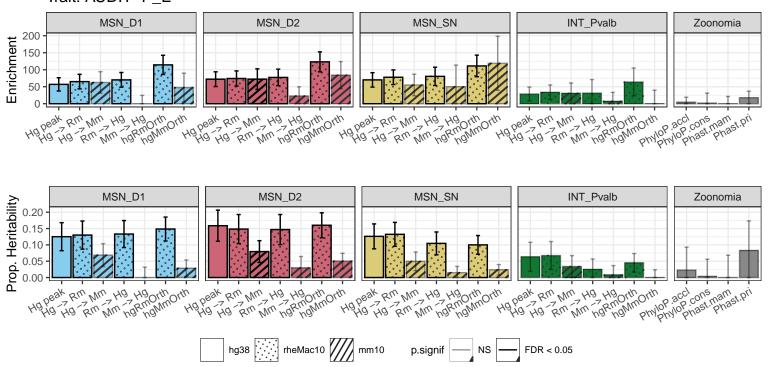
# Trait: OpioidUse E



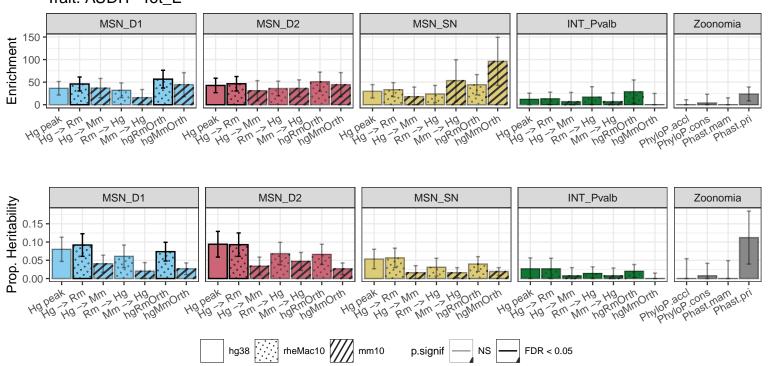
# Trait: AlcoholDep E



#### Trait: AUDIT-P E



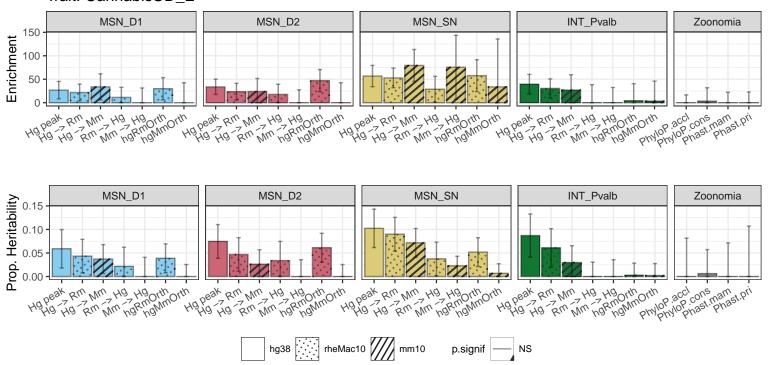
#### Trait: AUDIT-Tot E



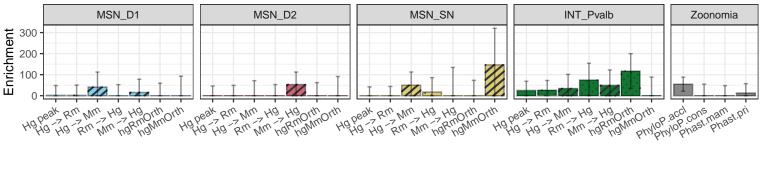
Trait: CannabisUD A MSN\_D1 MSN\_D2 MSN SN INT\_Pvalb Zoonomia Enrichment 400 200 hunoup secons way buse bu HO PEAK RW WW HO HO OUNOUN the Ha Ku Mu Ha Ha out out HO HO KO WW HO HO OND ON Haya Ha Kw Mw Ha Ha Oup Out MSN\_D2 MSN\_SN INT\_Pvalb MSN\_D1 Zoonomia Prop. Heritability 0.4 0.2 th Orth accions name pri in peak Ru Mu Ha Ha Out U. the Ho Ku Mu Ho Ho Uth Outh HOPEAK RM MM HO HOOMON'N HO HO KIN NW HO HOOM PHY

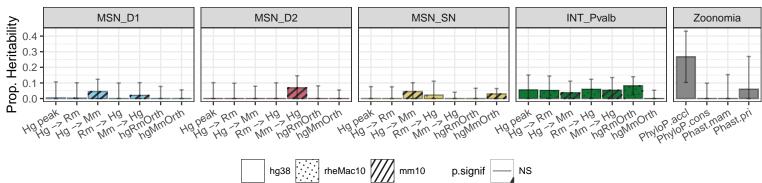


### Trait: CannabisUD E

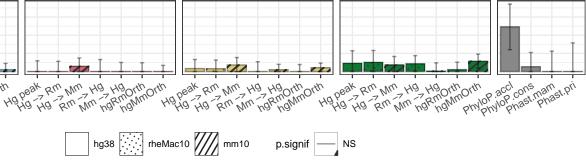


# Trait: CocaineDep E

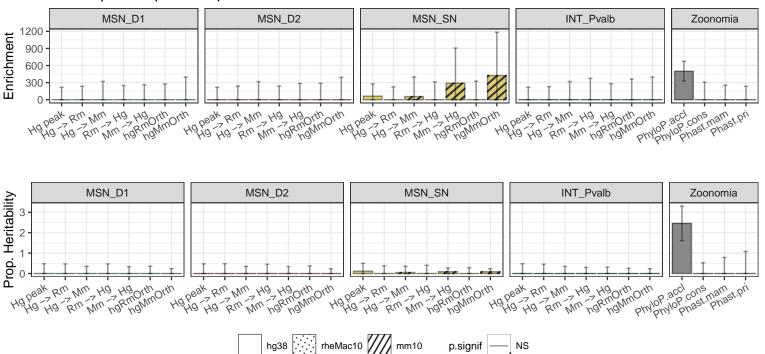




Trait: OpioidDep E MSN\_D1 MSN\_D2 MSN\_SN INT\_Pvalb Zoonomia Enrichment 600 400 200 110 thorth phylophast phast pri HOPER RU WW HO HO CHOCK the Ha Ku Mu Ha Ha out out Ho Ho Ku Mu Ho Ho Outh Outh HAYO KU MW HO HOUND PHYI H DEBK KU MW HO HOOM PHYI INT\_Pvalb MSN\_D1 MSN\_D2 MSN\_SN Zoonomia Prop. Heritability 0.9 0.6 0.3 HO PERK KU MU HO HO UNOUND H

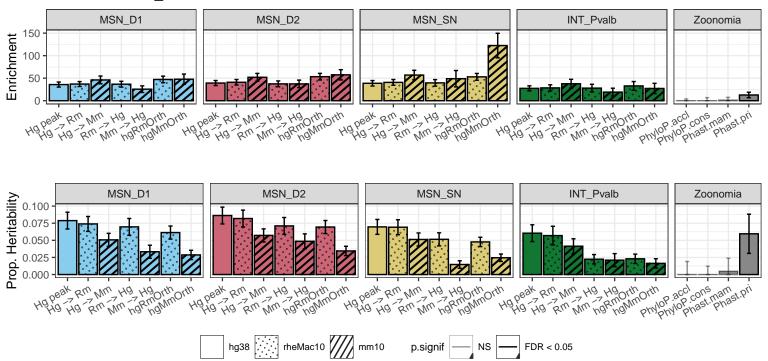


# Trait: OpioidDep-vs-Exp\_A



p.signif

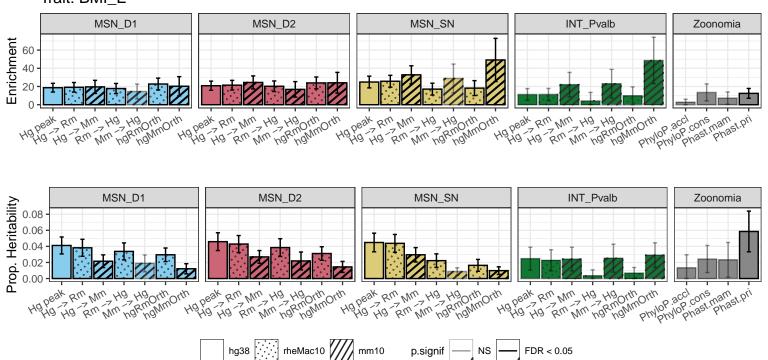
### Trait: EduAttain E



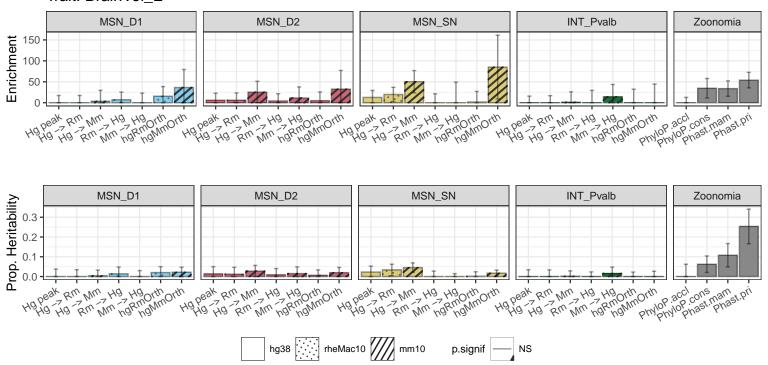
Trait: Income E MSN\_D1 MSN\_D2 MSN\_SN INT\_Pvalb Zoonomia Enrichment 100 50 Imorth accions man phi Hopeak Rw Mw Ho Hoorhorn the Ha Ku Mu Ha Ha outhouth HO HO KU MW HO HOOMO H Haya Ha Kw Mw Ha Ha Oup Out MSN\_D1 MSN\_D2 MSN\_SN INT\_Pvalb Zoonomia Prop. Heritability 0.100 0.050 0.025 Punio Prost Phast pri Haber Ku Mu Ha Habupun H in peak Rm Mm HO HOOM ON the Ha Ku Mu Ha Ha out out HO HO KU NW HO HO NO PHY



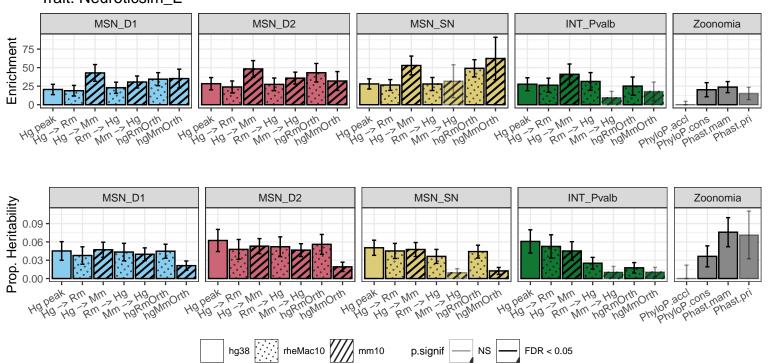
#### Trait: BMI E



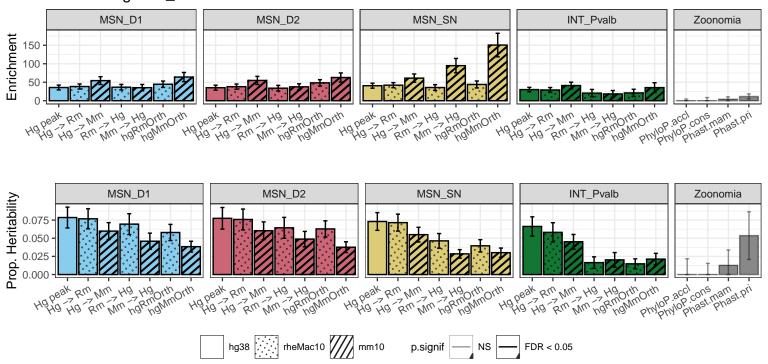
## Trait: BrainVol E



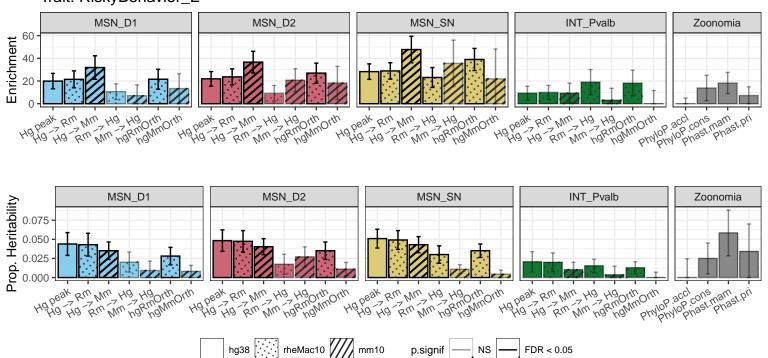
### Trait: Neuroticsim E



## Trait: Intelligence E

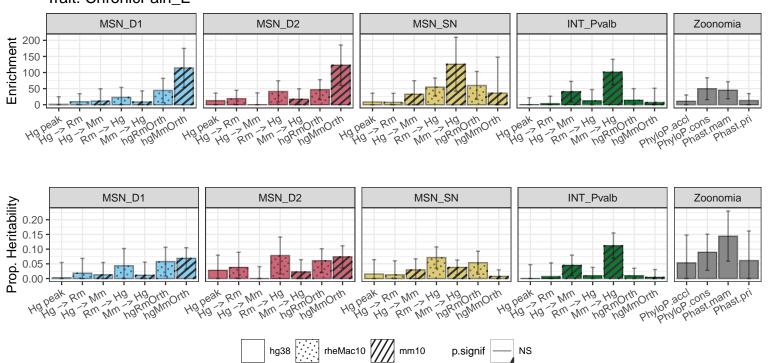


#### Trait: RiskyBehavior E

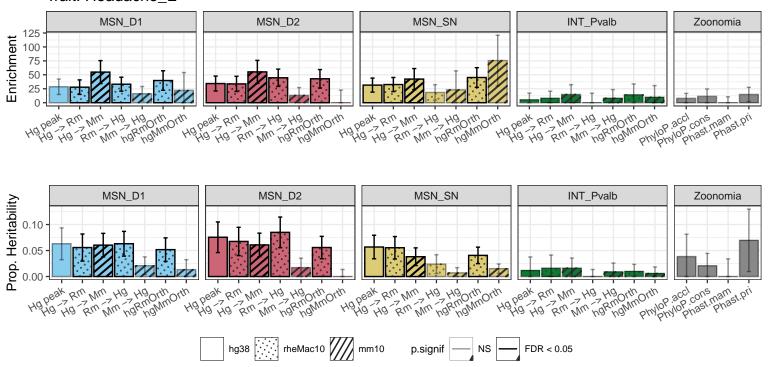


Trait: Worry E MSN\_D1 MSN\_D2 MSN\_SN INT\_Pvalb Zoonomia Enrichment 00 50 morth acclons man phi HO HO HO KM WW HO HO ON ON HO HO KU MW HO HO ON ON Ho Ho Ku Mu Ho Ho Outh Outh the Ha Ku Mu Ha Ha out out MSN\_D2 MSN\_SN INT\_Pvalb MSN\_D1 Zoonomia Prop. Heritability 0.15 0.10 Phylop accions than the HO PEAK RW WW HO HO CHOCK the Ha Ku Mu Ha Ha out out the Ha Ku Mu Ha Ha out out n besk Ku Mu Ha Halupulu bul hg38 :: rheMac10 /// mm10 FDR < 0.05 p.signif

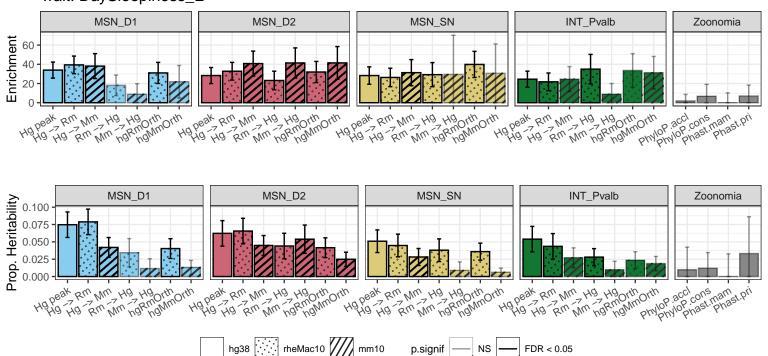
#### Trait: ChronicPain E



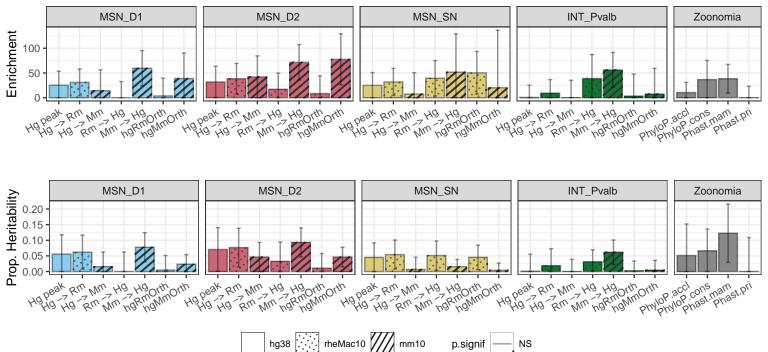
#### Trait: Headache E



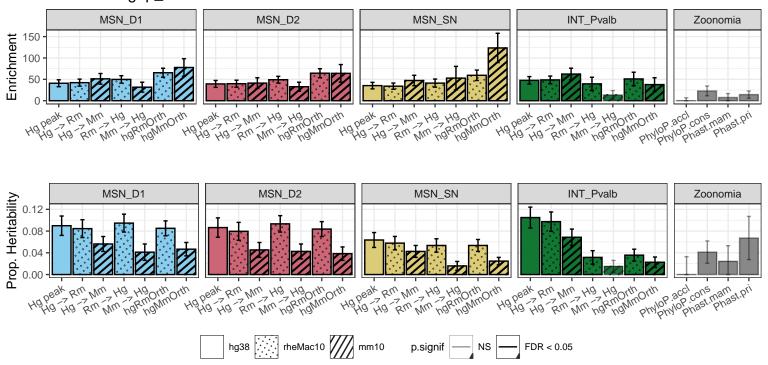
## Trait: DaySleepiness\_E



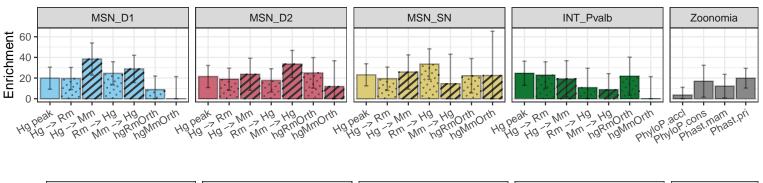
# Trait: Dozing\_E

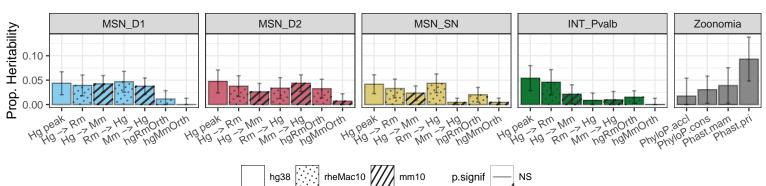


# Trait: Gettingup E

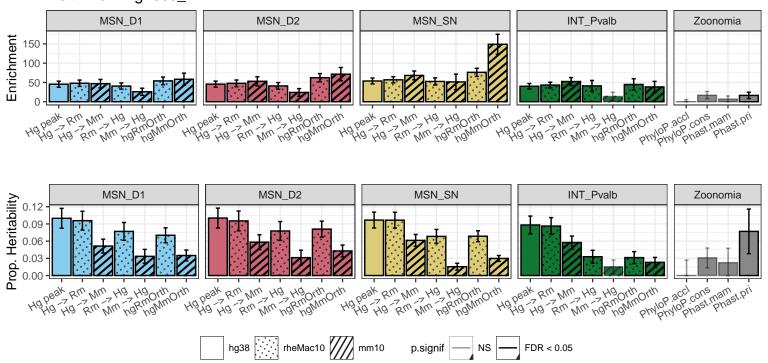


## Trait: Insomnia E

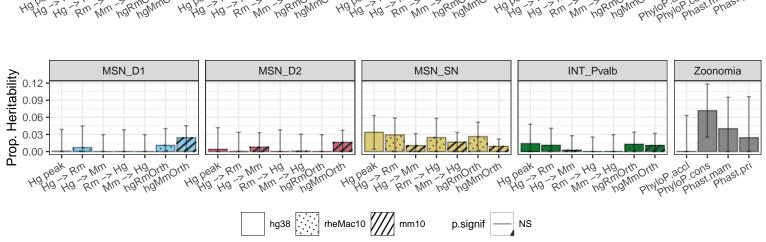




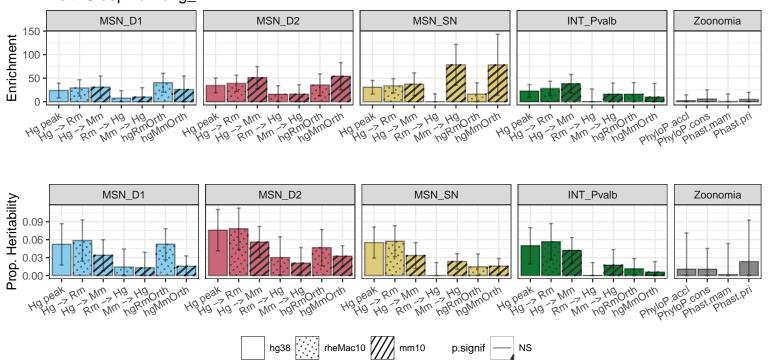
## Trait: Morningness E



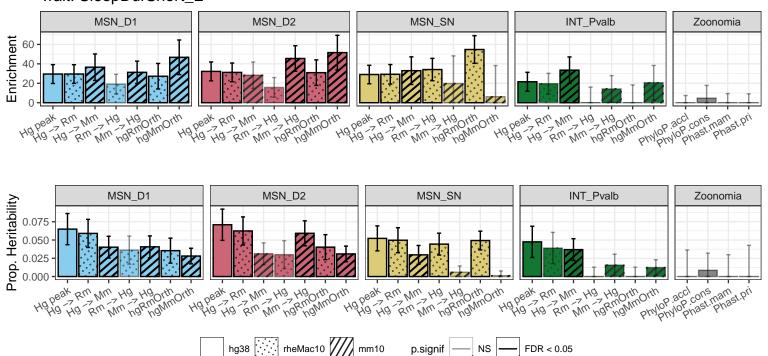
Trait: Napping\_E MSN\_D1 MSN\_D2 MSN\_SN INT\_Pvalb Zoonomia Enrichment morth accions man philophylophast phast phi HO RO RO NO HO HO ON ON HO HO KIN NW HO HO ON ON HO HO RM NW HO HO ON PHY Habeak Kw Mw Ha Haoupoup MSN\_SN INT\_Pvalb MSN\_D1 MSN\_D2 Zoonomia



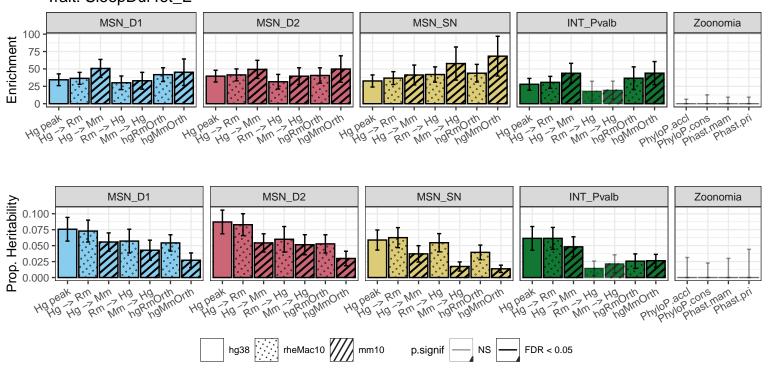
#### Trait: SleepDurLong E



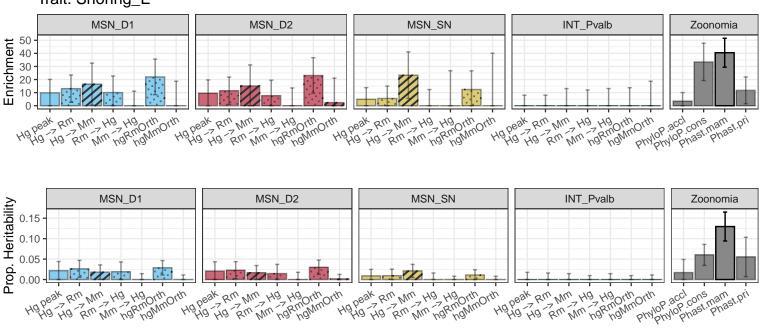
## Trait: SleepDurShort\_E



#### Trait: SleepDurTot E

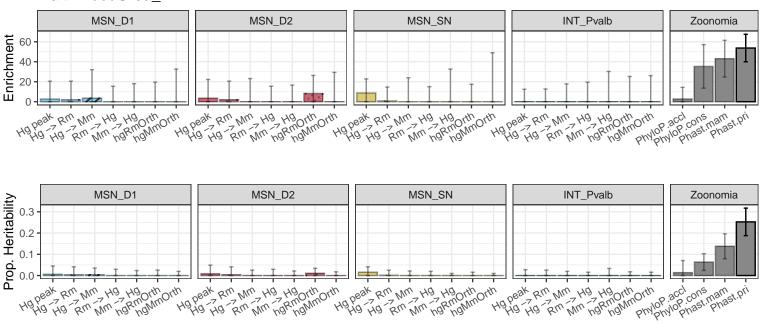


## Trait: Snoring E



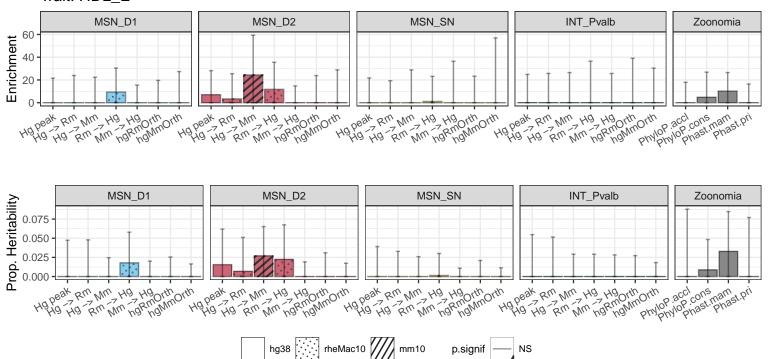


#### Trait: BloodUrea E

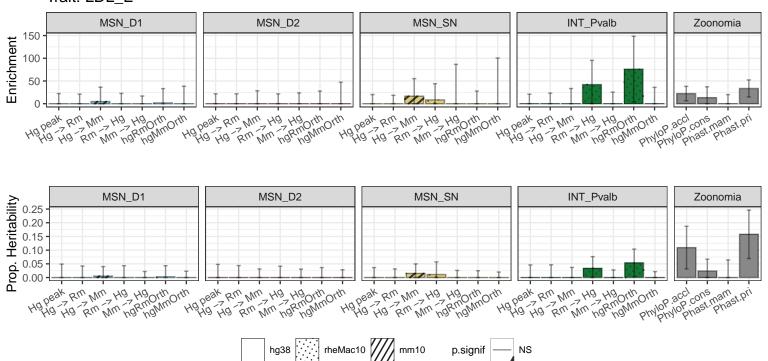




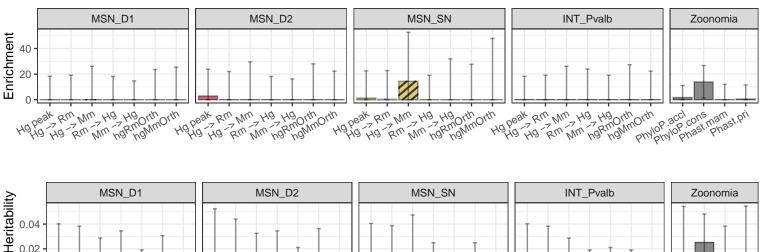
Trait: HDL E

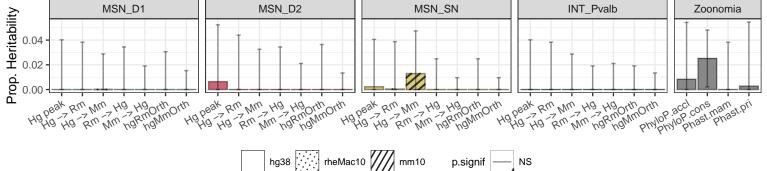


Trait: LDL E

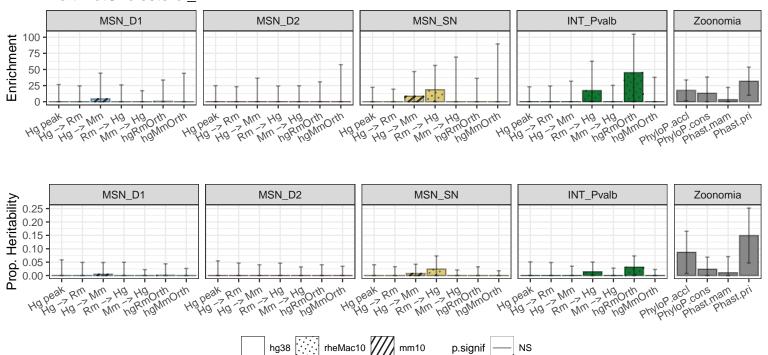


#### Trait: T2Diabetes E

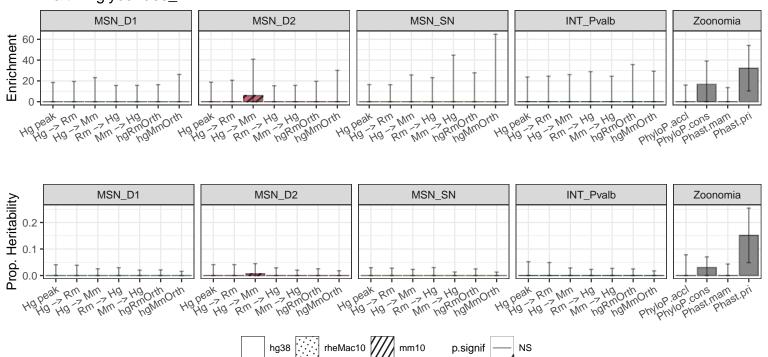




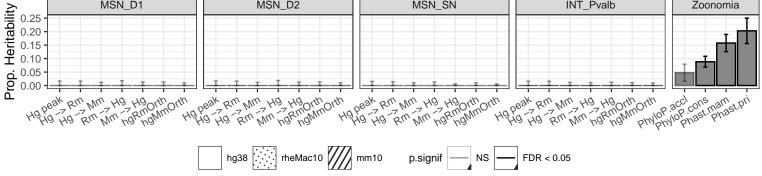
#### Trait: TotCholesterol E



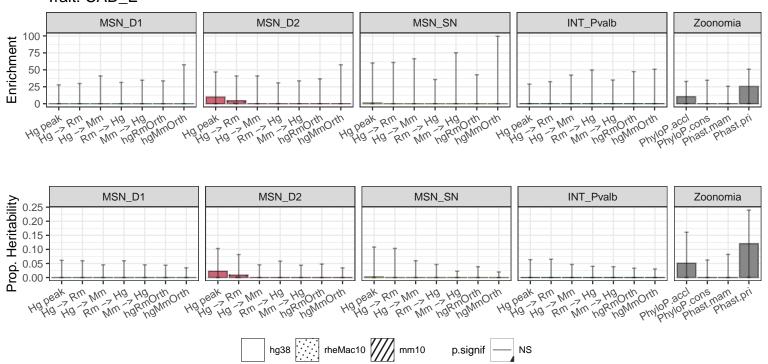
# Trait: Triglycerides\_E



Trait: BMD E MSN\_D1 MSN\_D2 MSN\_SN INT\_Pvalb Zoonomia 60 Enrichment th Orth Phast Phast pri HO PERK KU WW HO HO UNDUN the Ha Ku Mu Ha Ha out out HO POSK KU MU HO HO WO W HO HO RM NM HO HO MIN PHY MSN\_D1 MSN\_D2 MSN SN INT\_Pvalb Zoonomia 0.25 0.20 0.15 0.10



#### Trait: CAD E



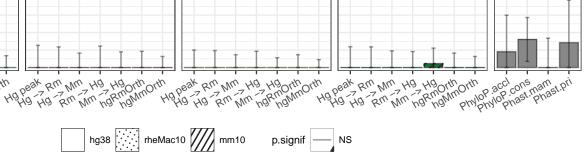
Trait: Height\_E MSN\_D1 MSN\_D2 MSN\_SN INT\_Pvalb Zoonomia Enrichment th Orth Phast Phast pri HO PERK KU WW HO HO UNDUN the Ha Ku Mu Ha Ha out out HO POSK KU MU HO HO WO W HO HO KIN MM HO HO MIN PHY Prop. Heritability INT\_Pvalb MSN\_D1 MSN\_D2 MSN SN Zoonomia 0.2 th Orth phylophast phast pri th heak Ru Mu Ha Ha Out U. HO HO RM NW HO HO ON PHY HO PEAK RW WW HO HO CHOCK HO HO KIN MY HO HOOM H hg38 : rheMac10 mm10

p.signif

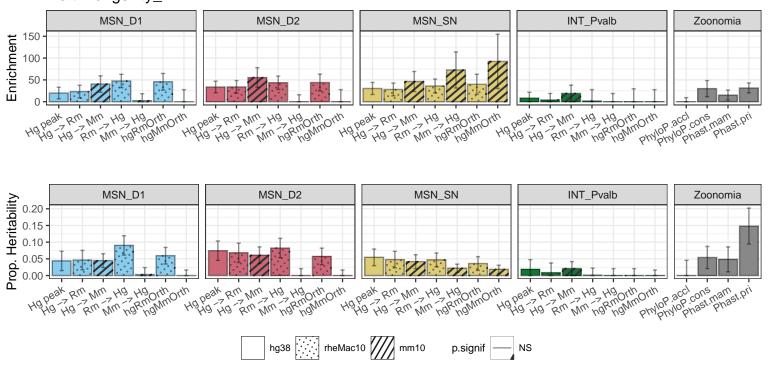
NS

FDR < 0.05

Trait: LBM E MSN\_D1 MSN\_D2 MSN\_SN INT\_Pvalb Zoonomia 120 Enrichment 90 60 30 MOrth Pacci constraint phast pri HO PEAK RW WW HO HO OUNOUN HO HO KW NW HO HO CHOCK the Ha Ku Mu Ha Ha out out HO HO KIN NW HO HO ON PHY MSN\_D1 MSN\_D2 MSN\_SN INT\_Pvalb Zoonomia Prop. Heritability 0.20 0.15 0.10 0.05 HO PEAK RM NM HO HOOMONN H



# Trait: Longevity\_E



# Trait: WHRadjBMI\_E

