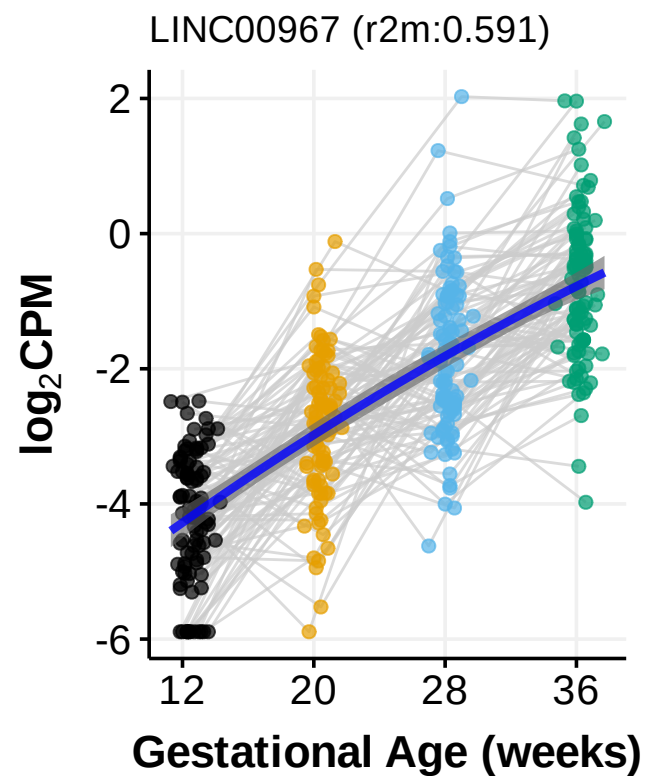
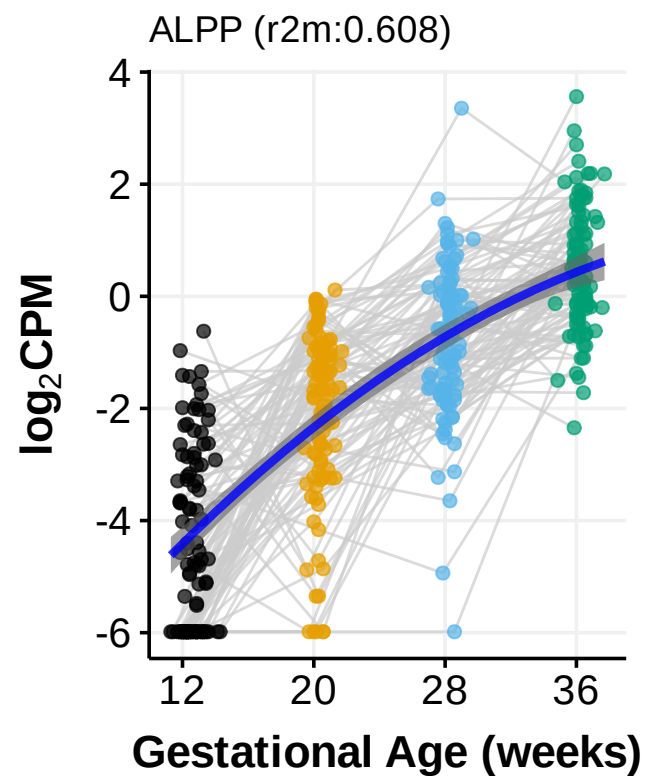
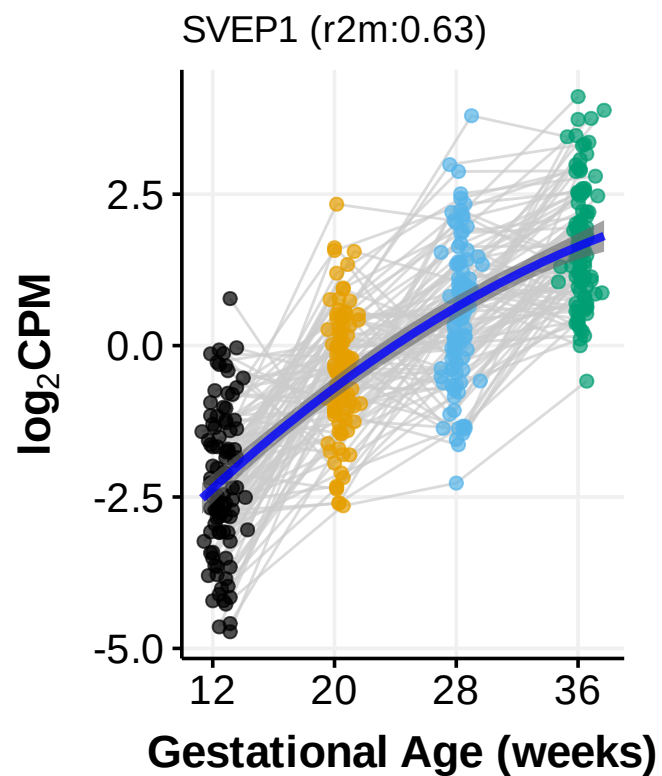
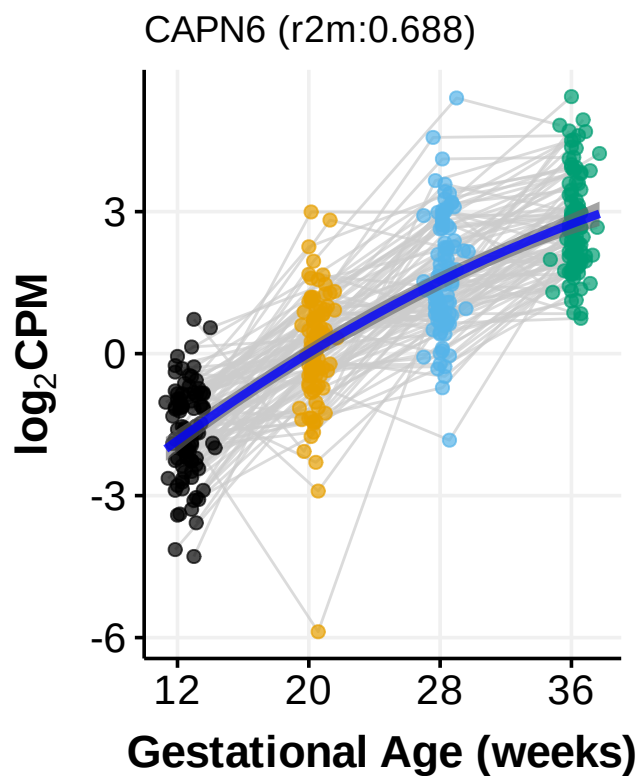
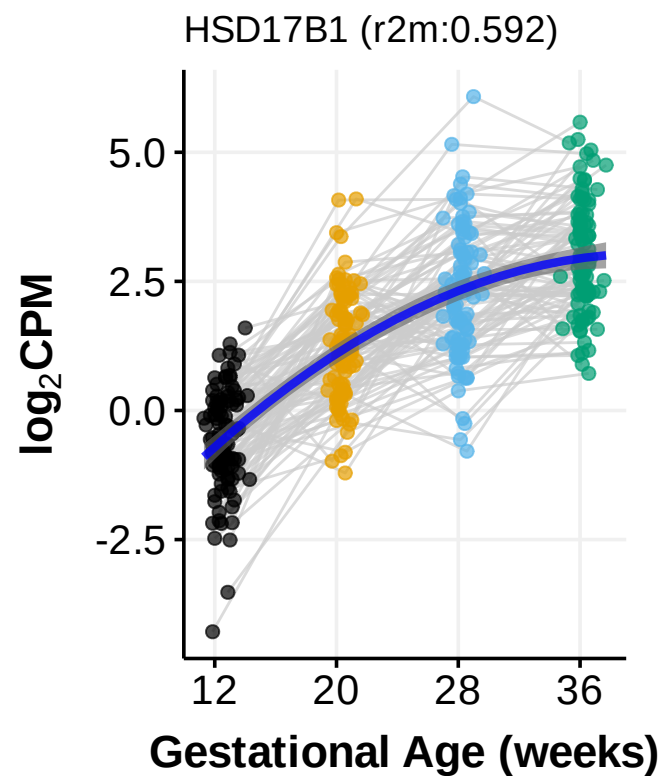
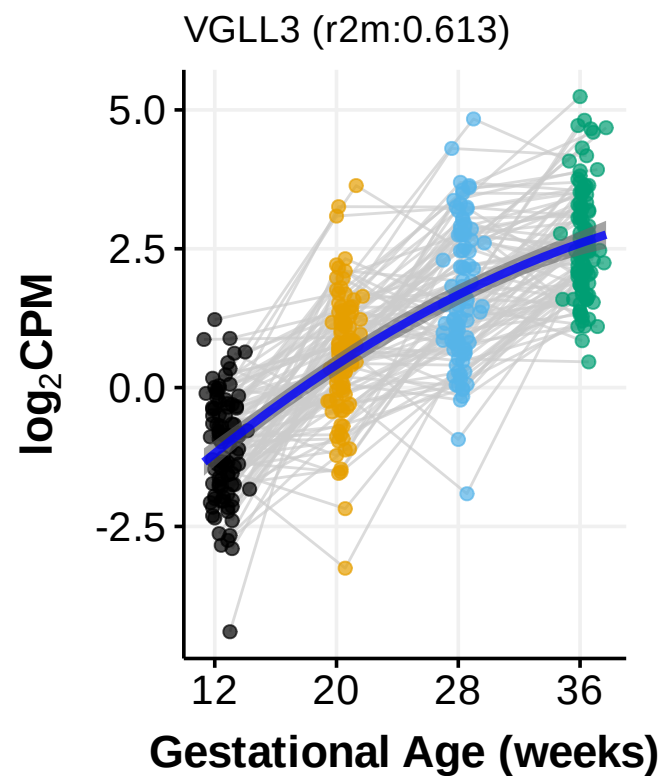
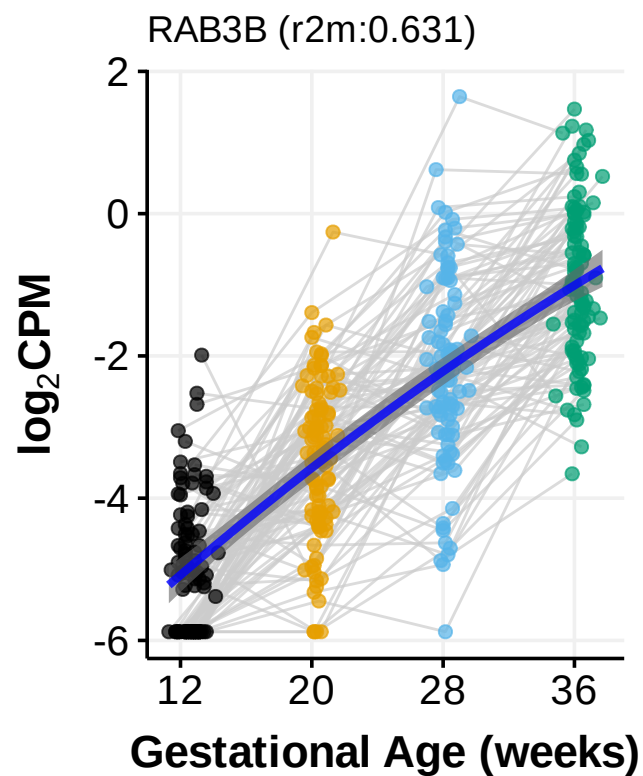
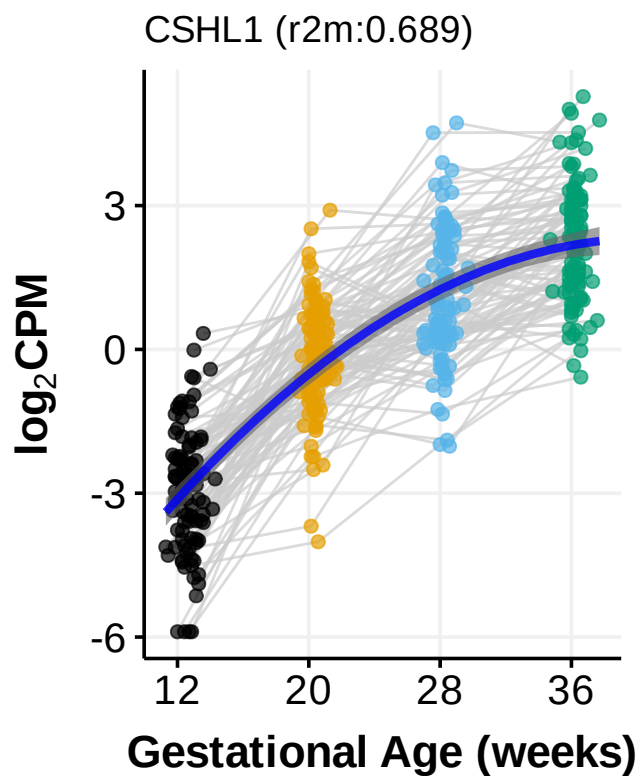
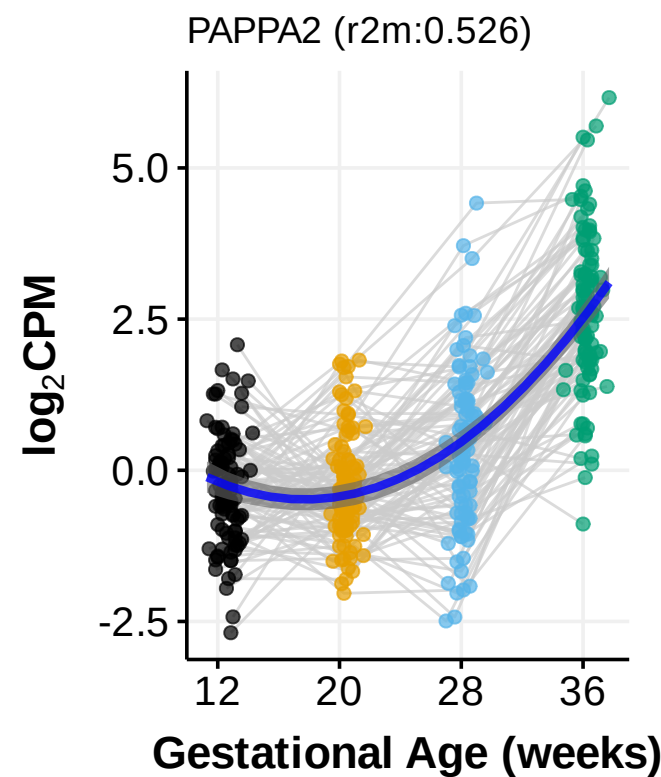
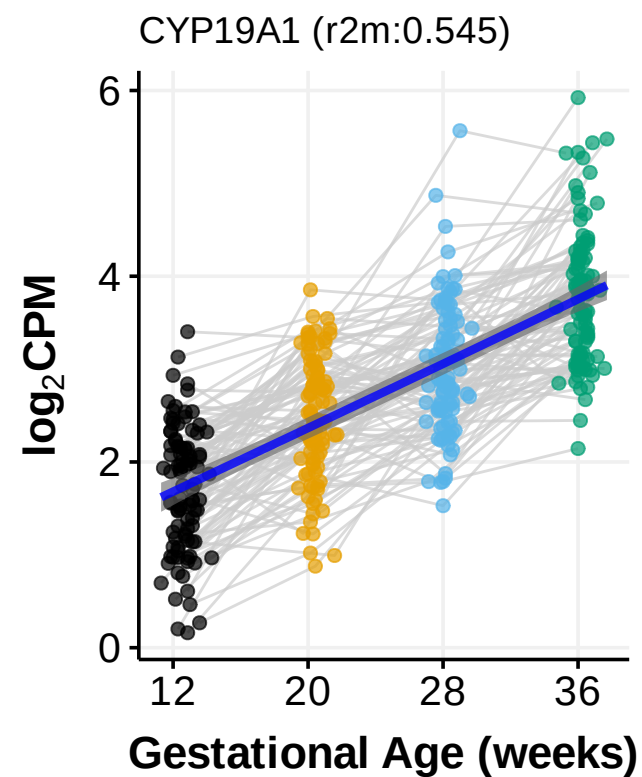
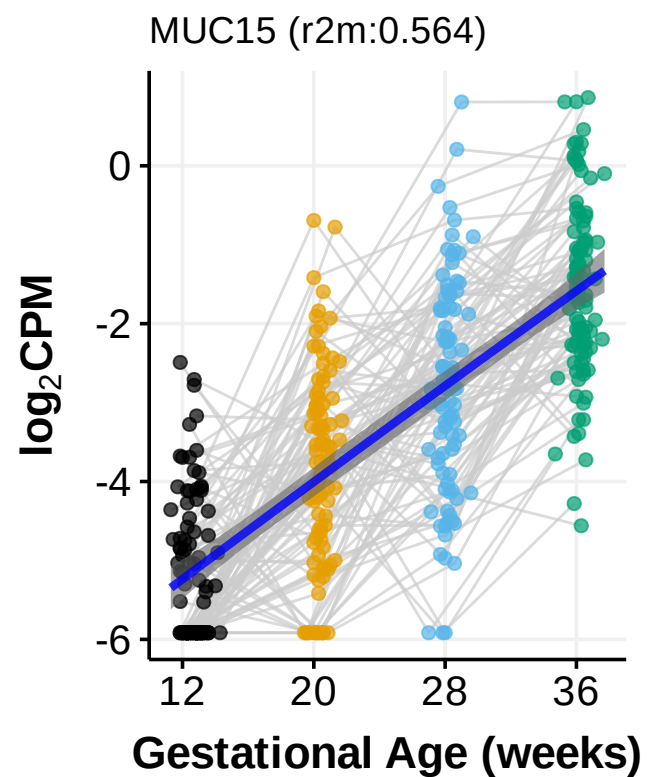
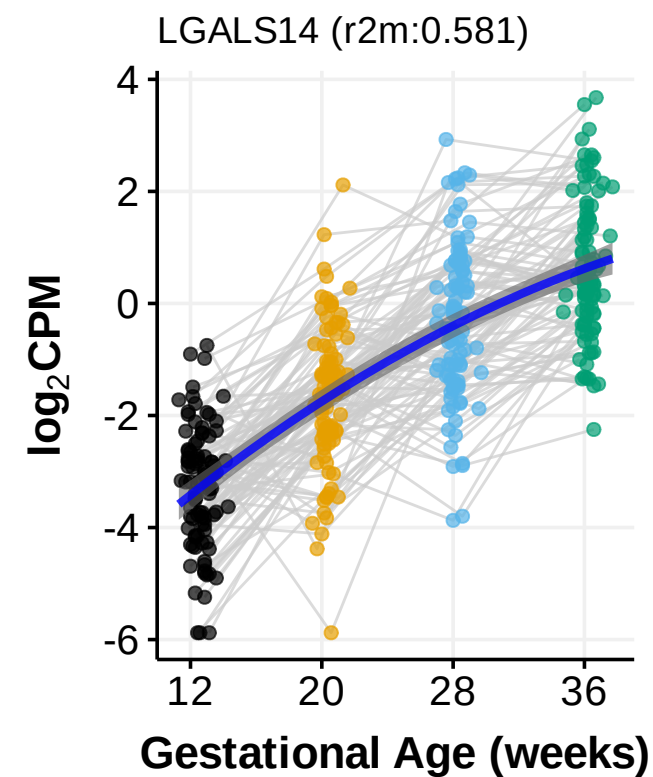
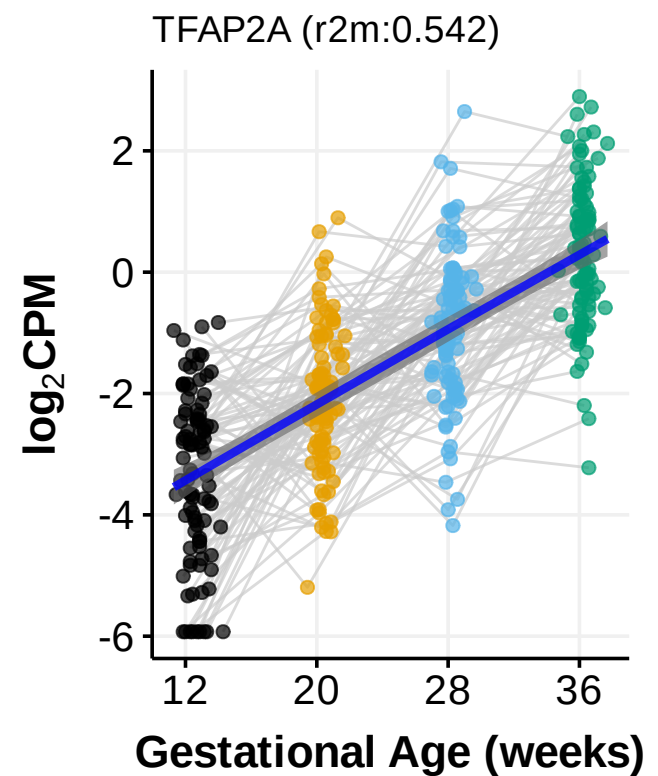
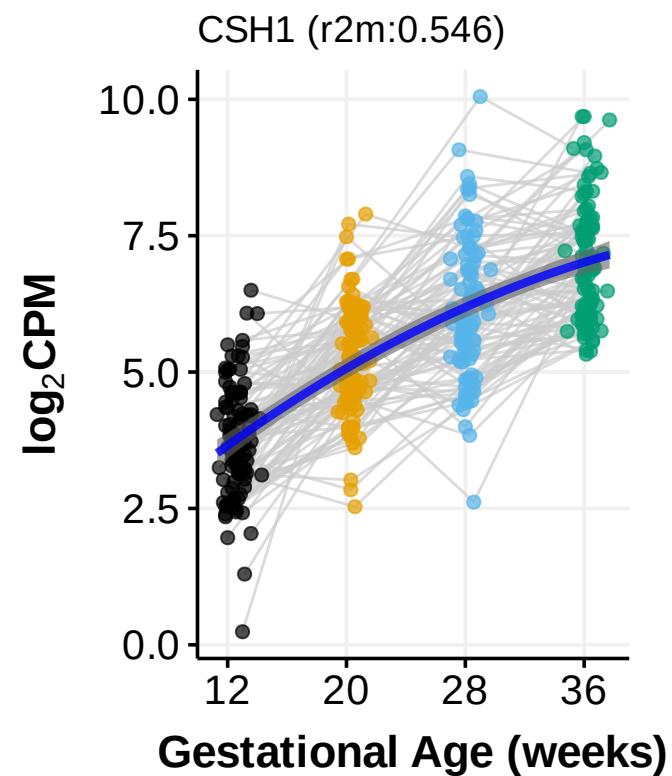
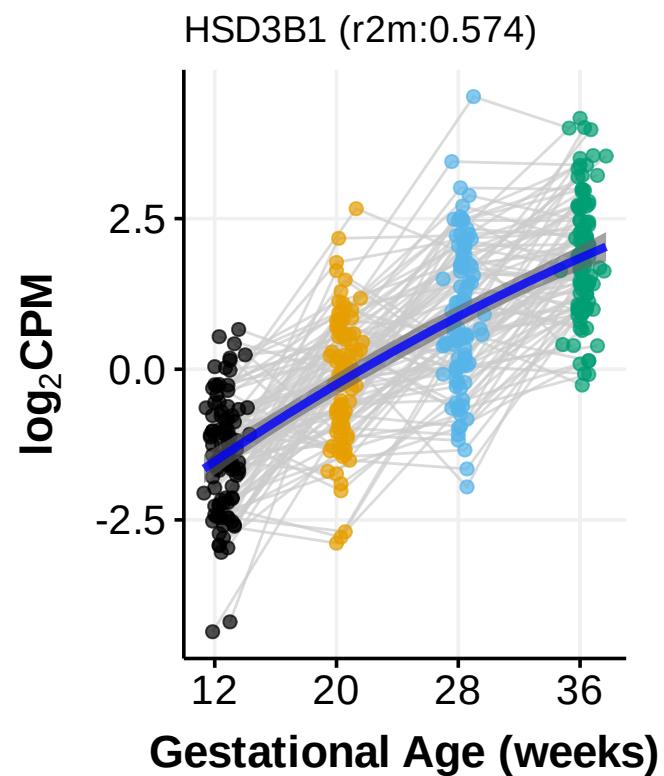
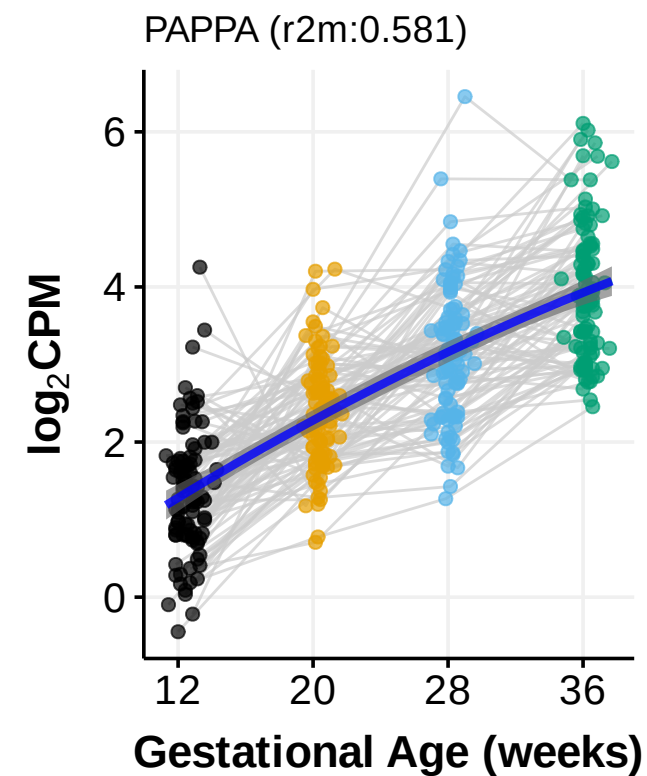
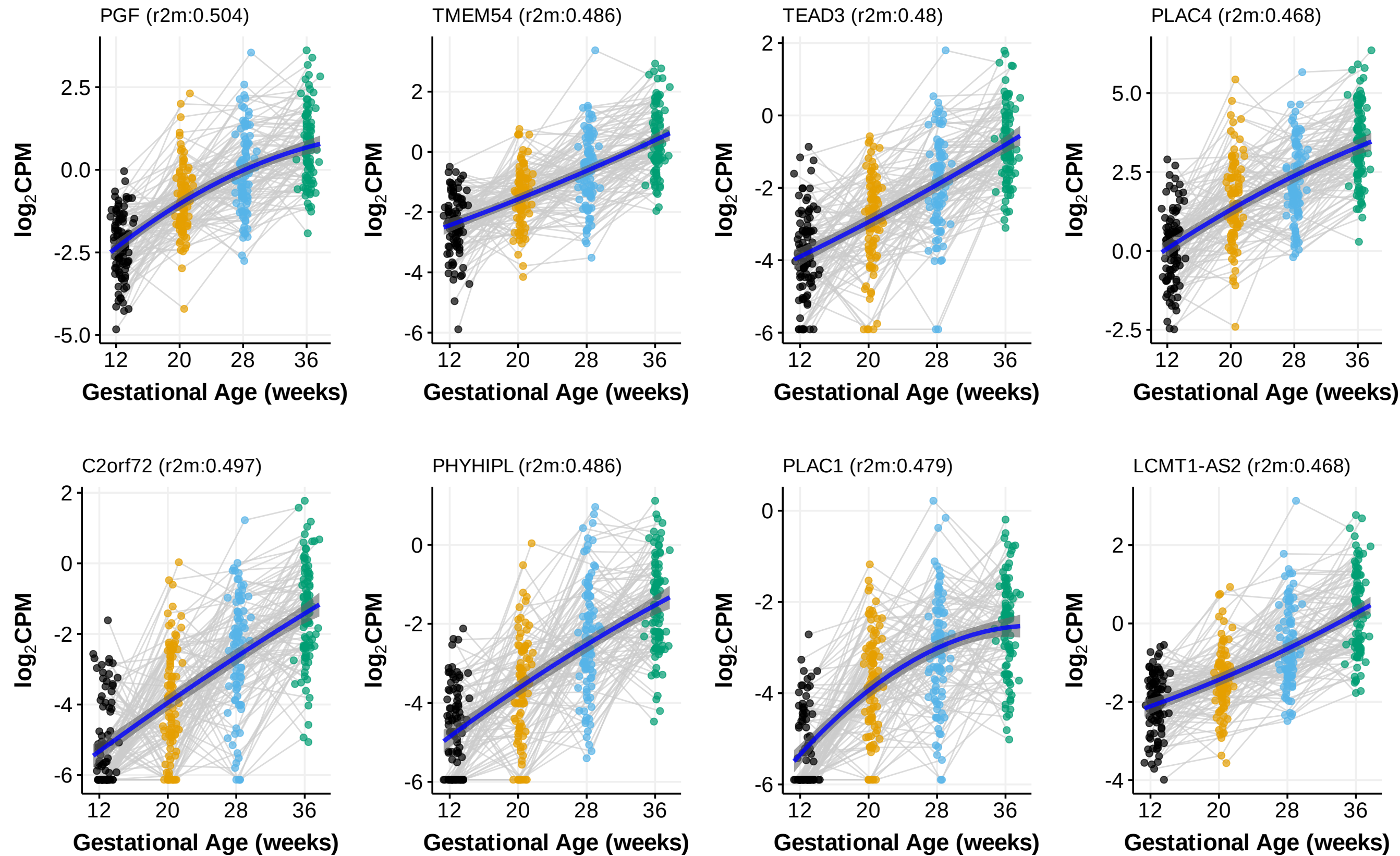
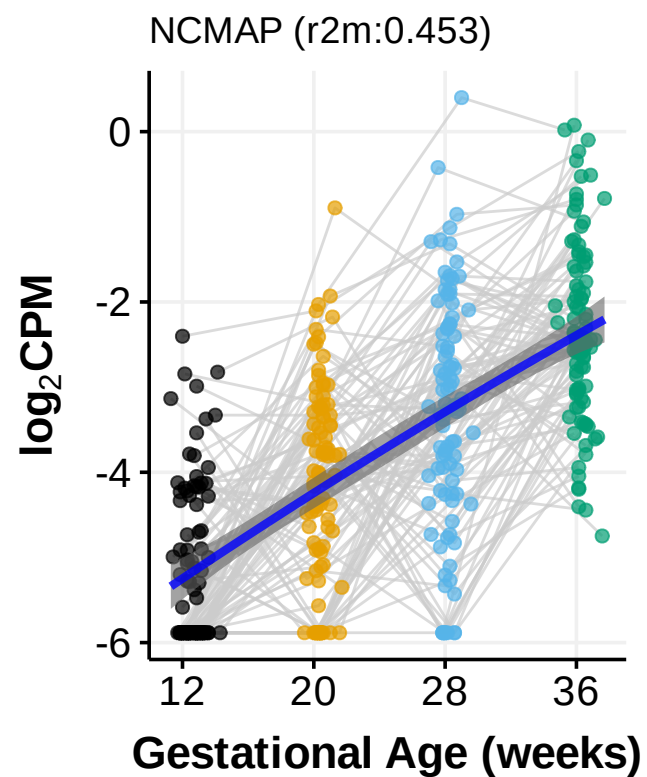
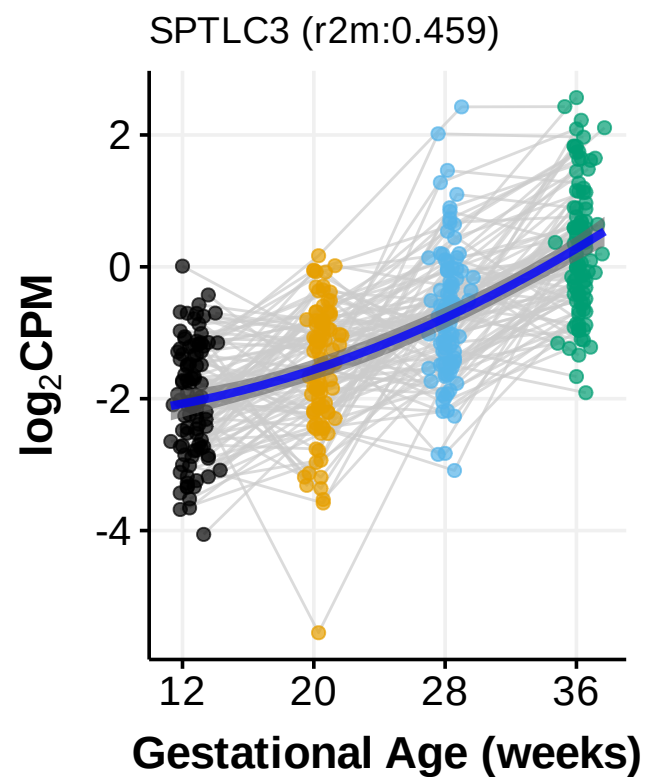
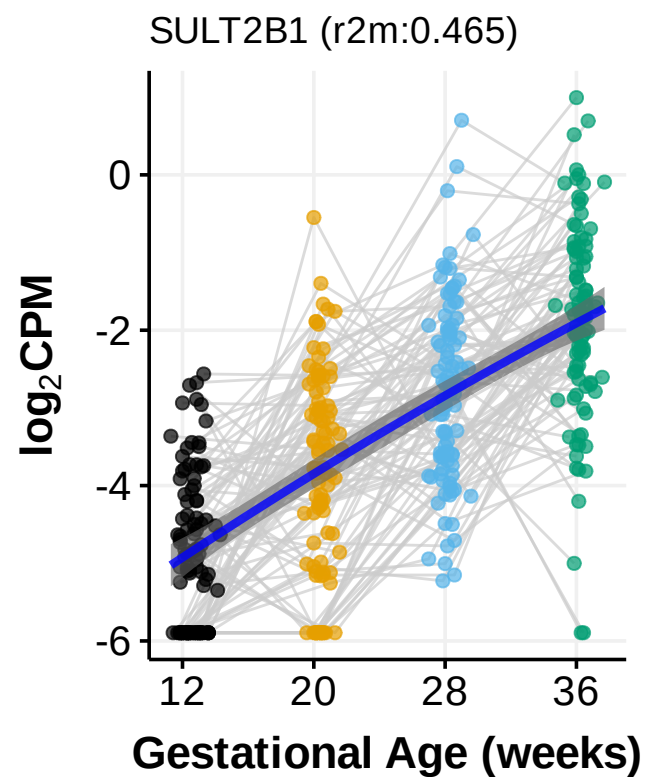
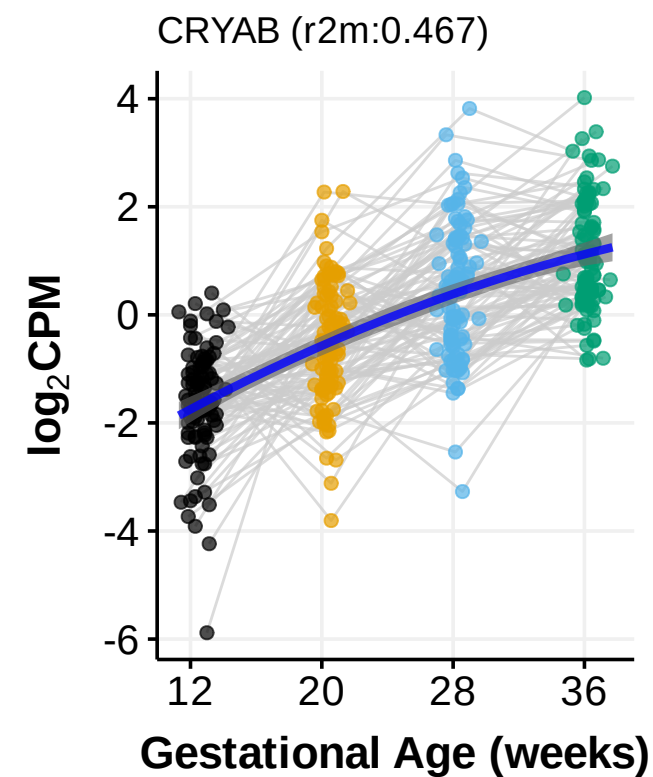
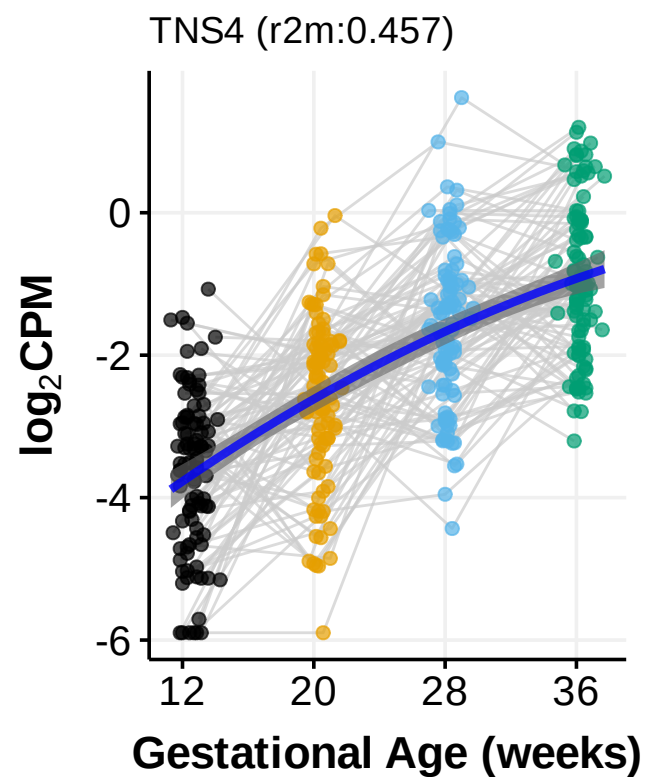
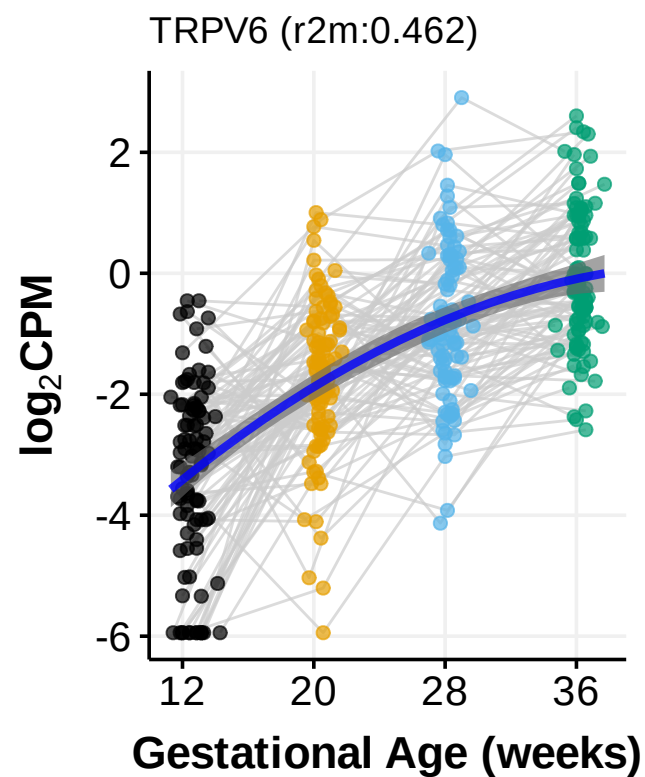
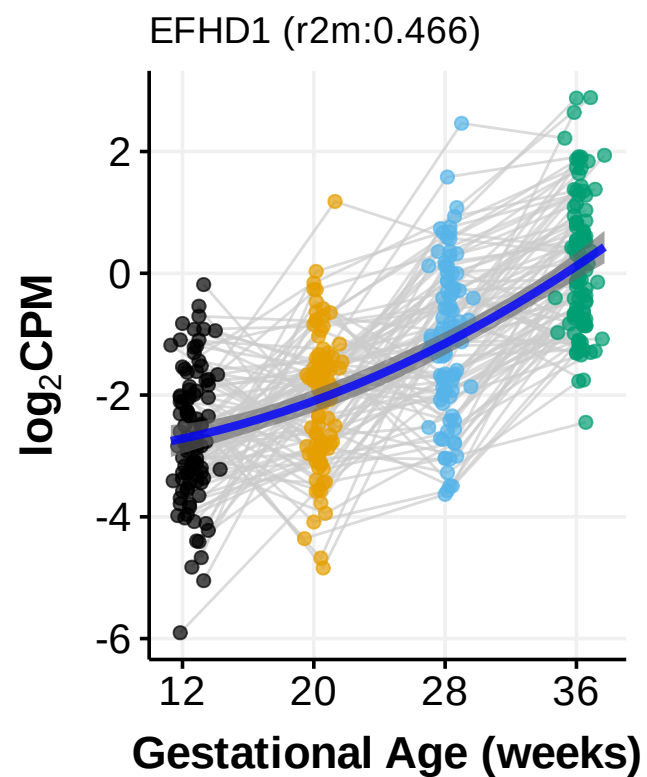
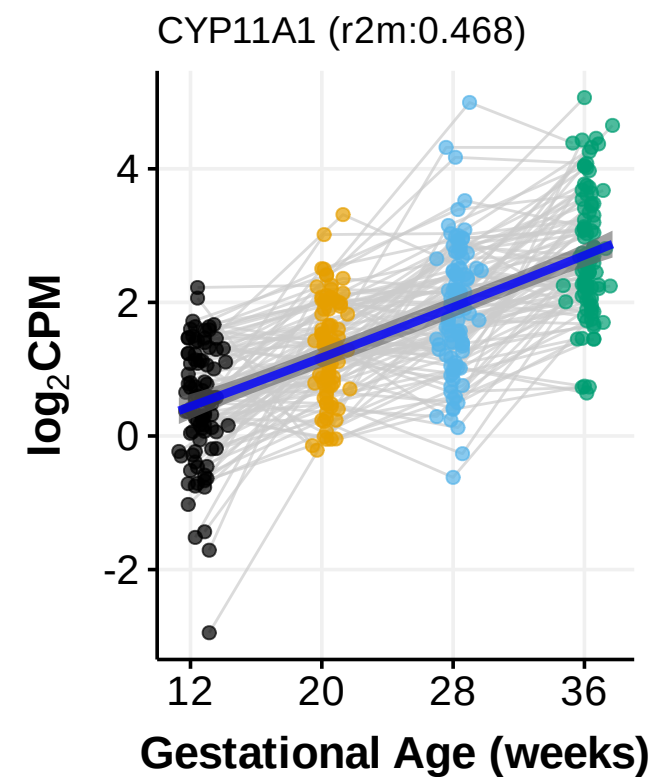


Supplementary Figure 4.
Top 100 cfRNAs
by the coefficient of determination

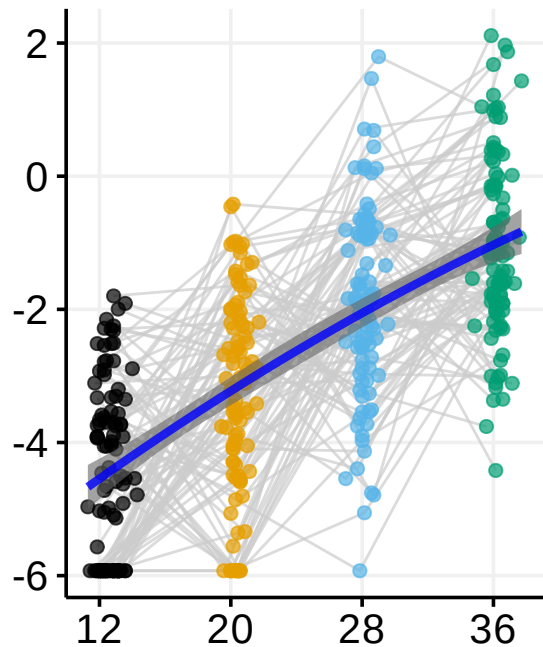






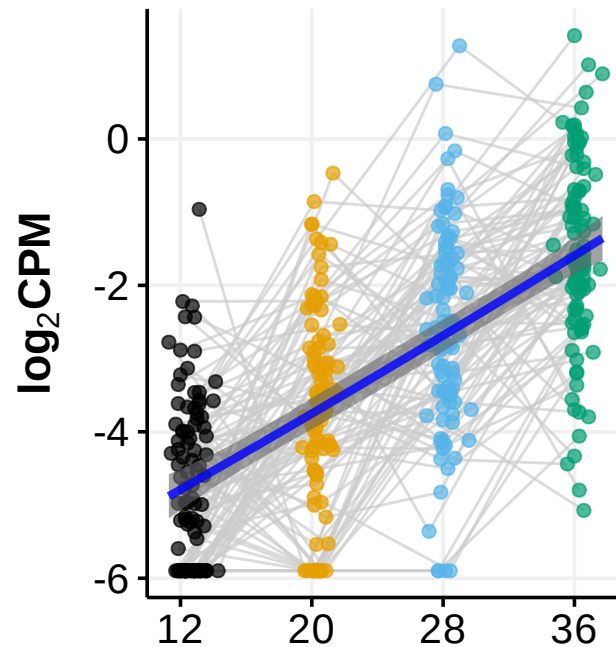


ALDH3B2 (r2m:0.452)



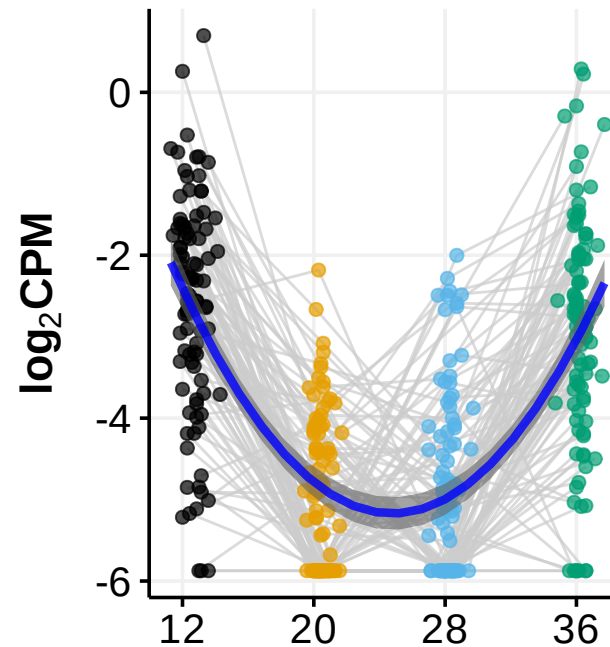
Gestational Age (weeks)

LINC01731 (r2m:0.442)



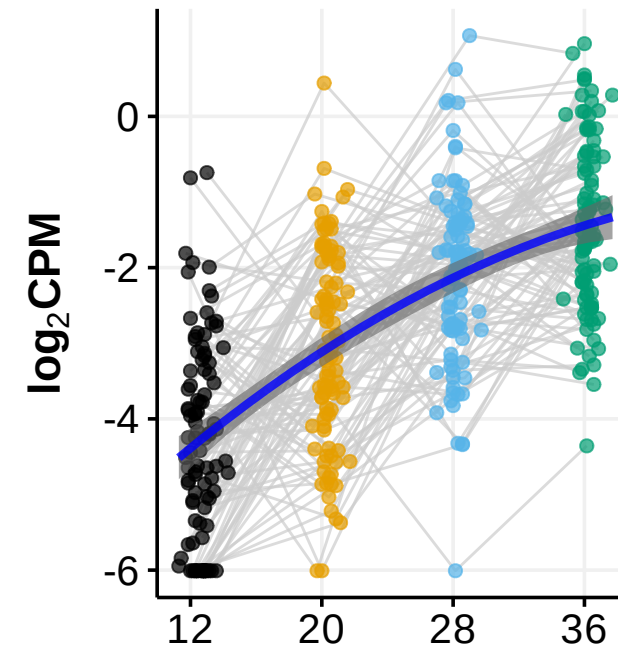
Gestational Age (weeks)

LEP (r2m:0.435)



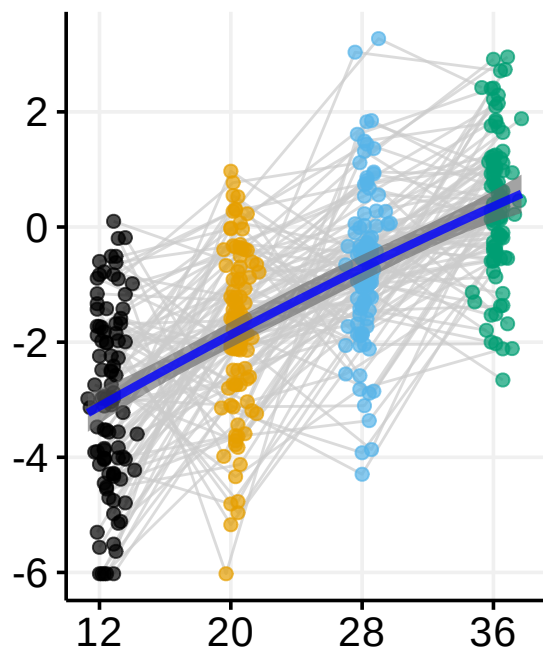
Gestational Age (weeks)

ESRRG (r2m:0.43)



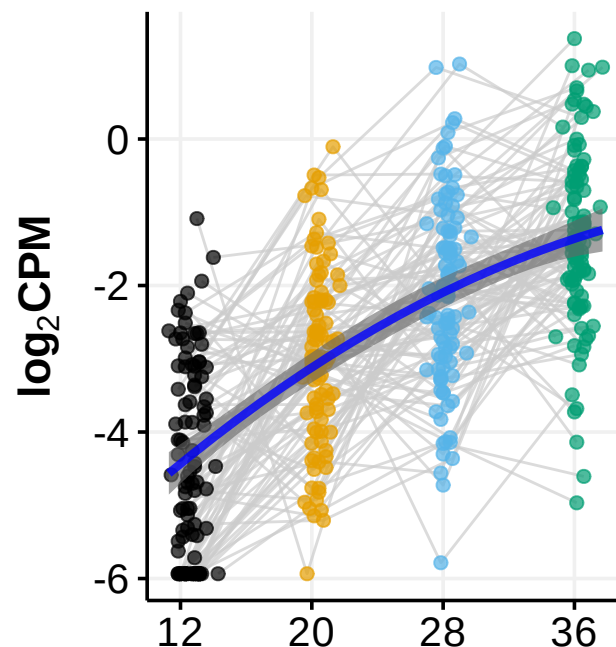
Gestational Age (weeks)

TINCR (r2m:0.444)



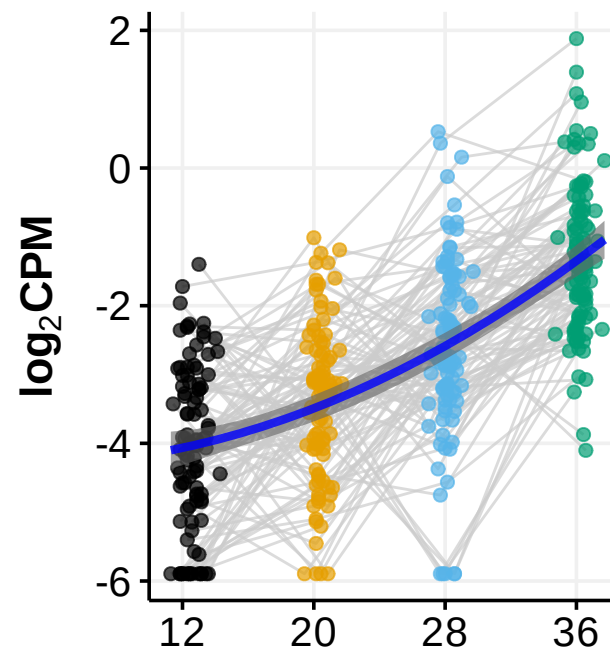
Gestational Age (weeks)

GRHL2 (r2m:0.438)



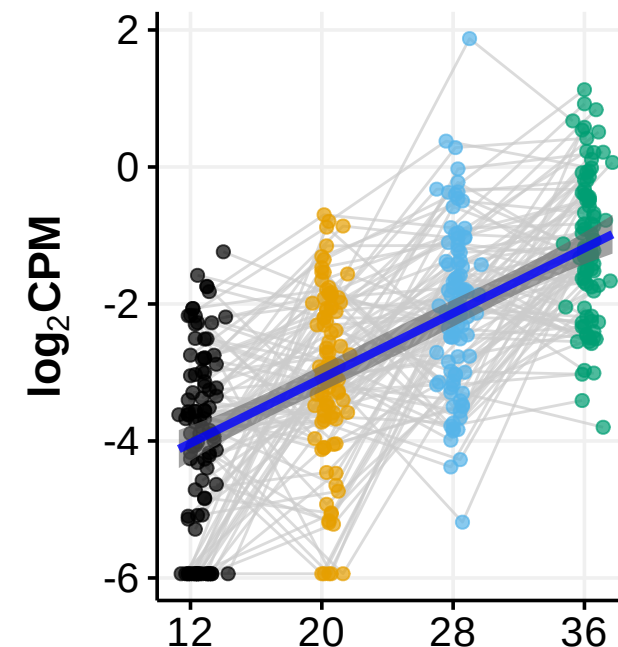
Gestational Age (weeks)

SLC7A2 (r2m:0.431)

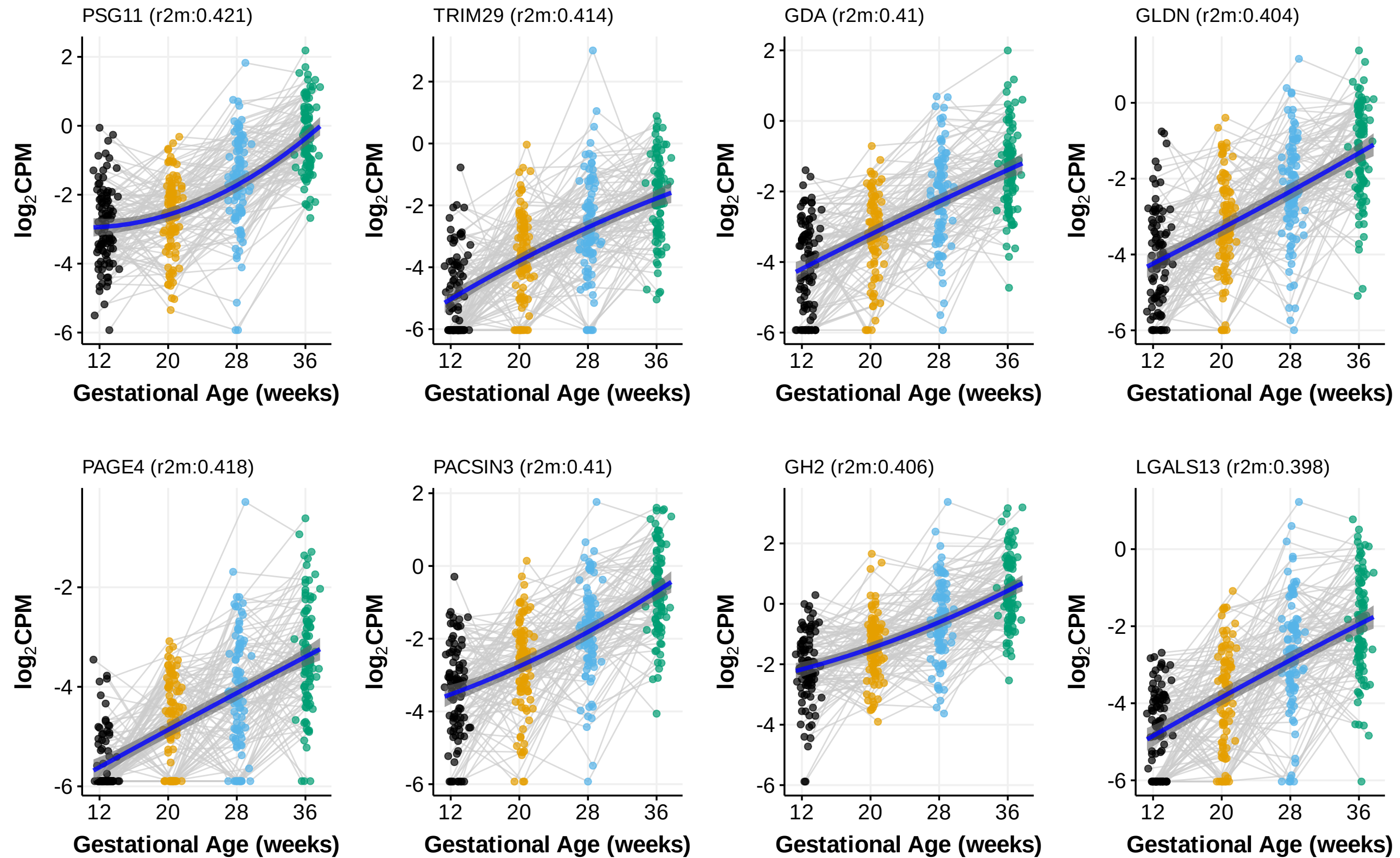


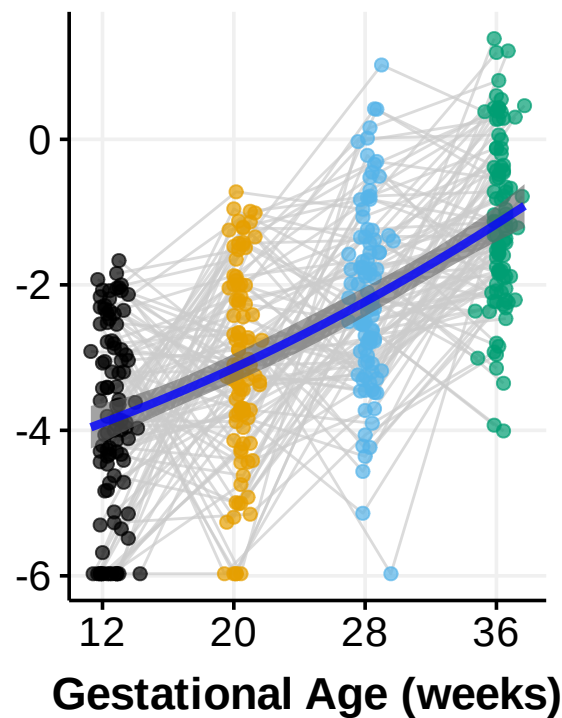
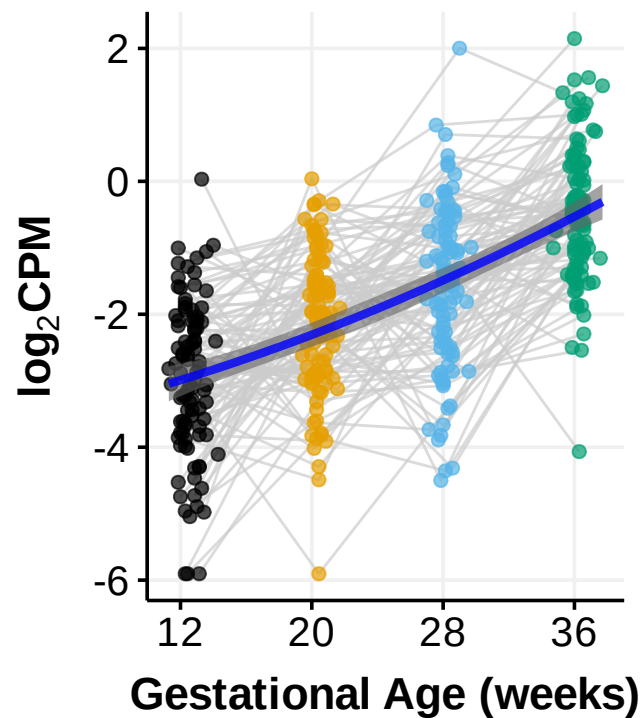
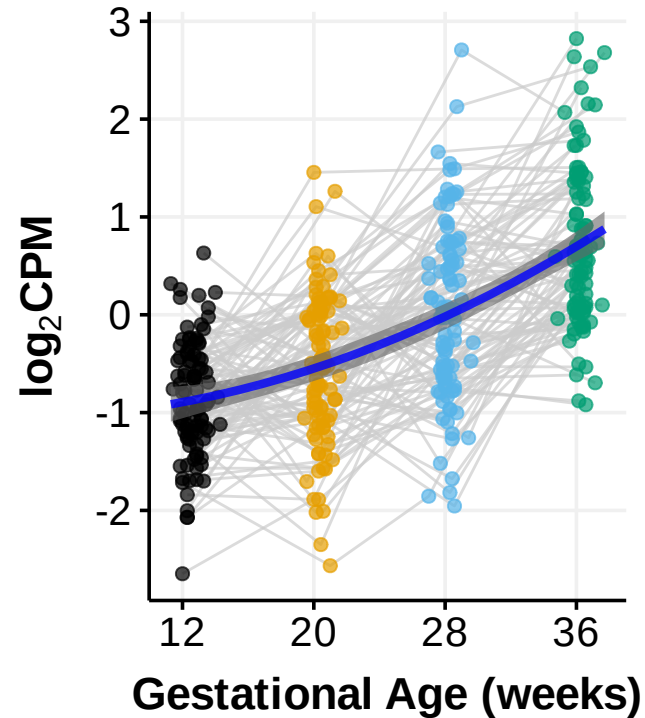
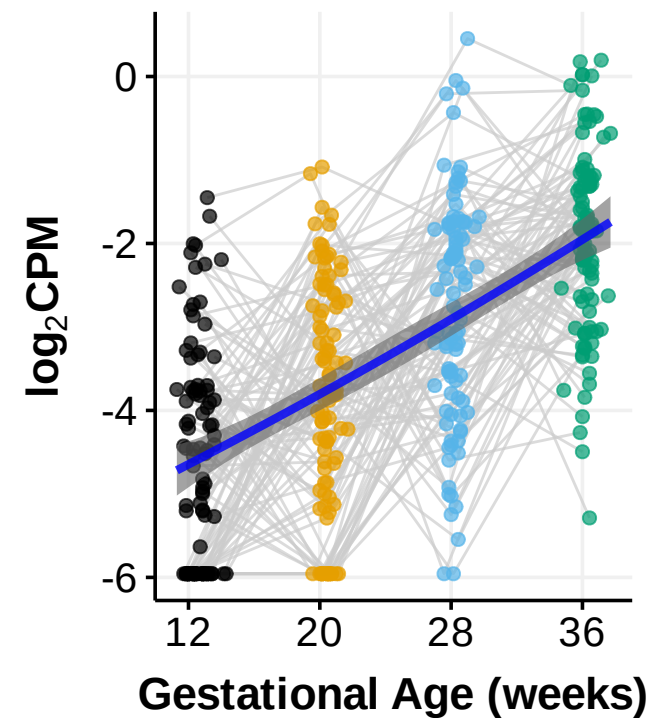
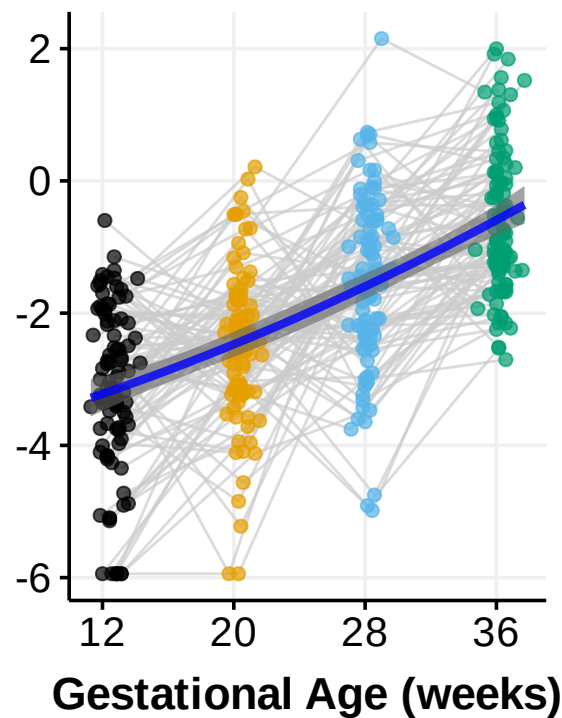
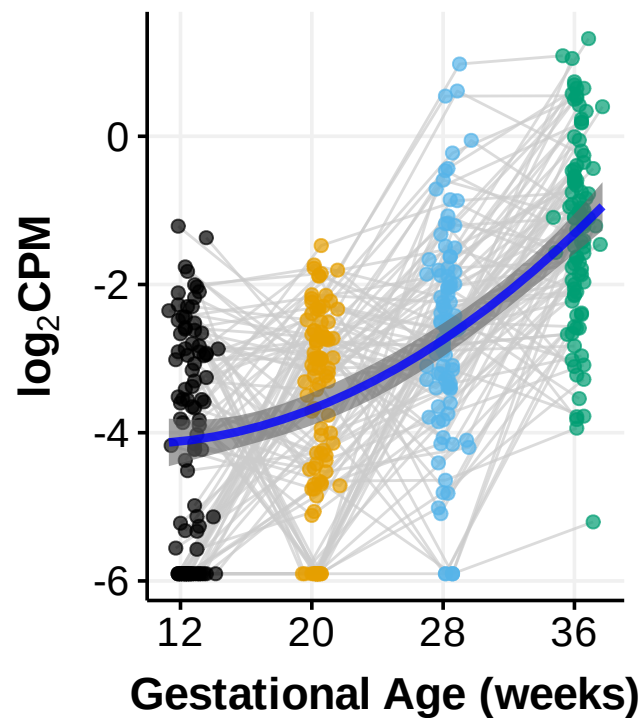
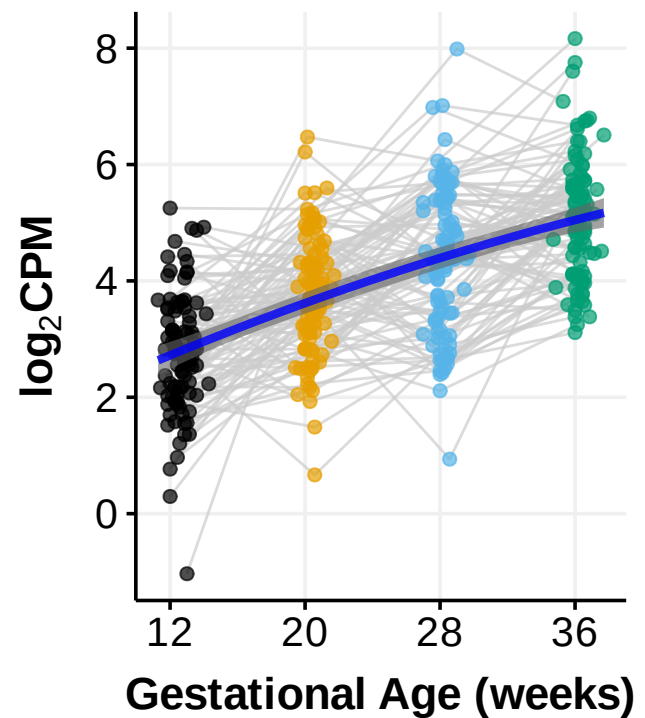
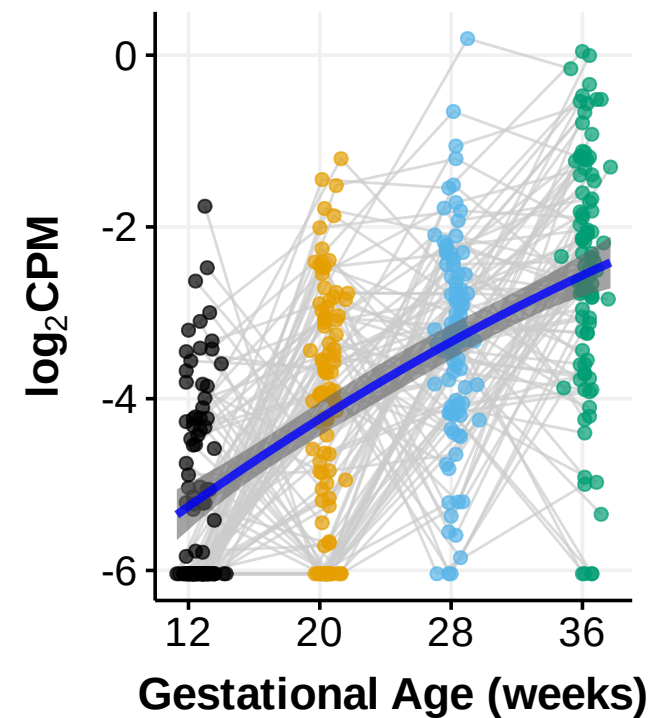
Gestational Age (weeks)

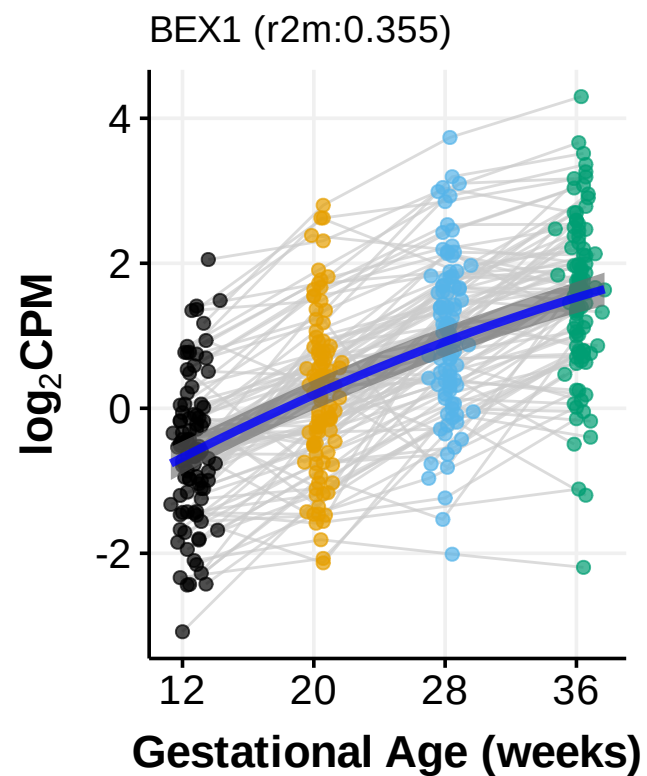
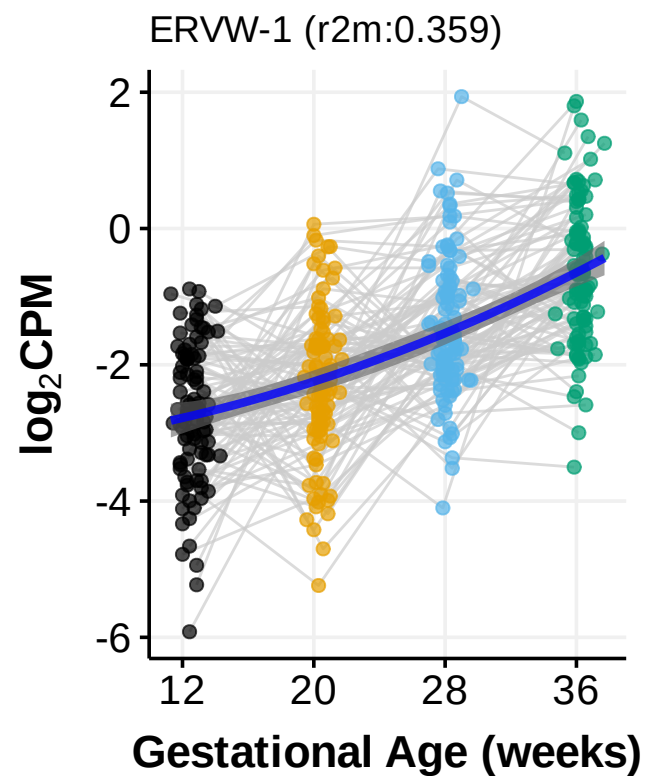
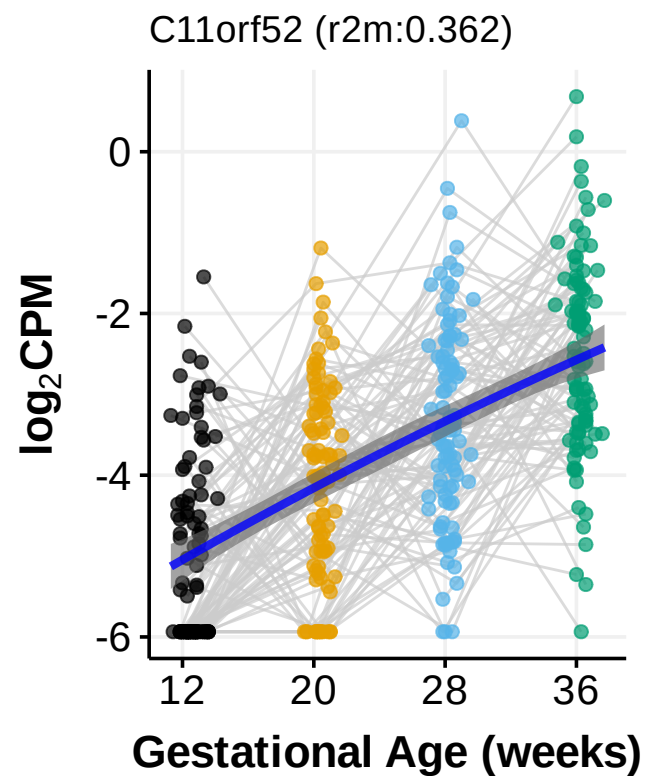
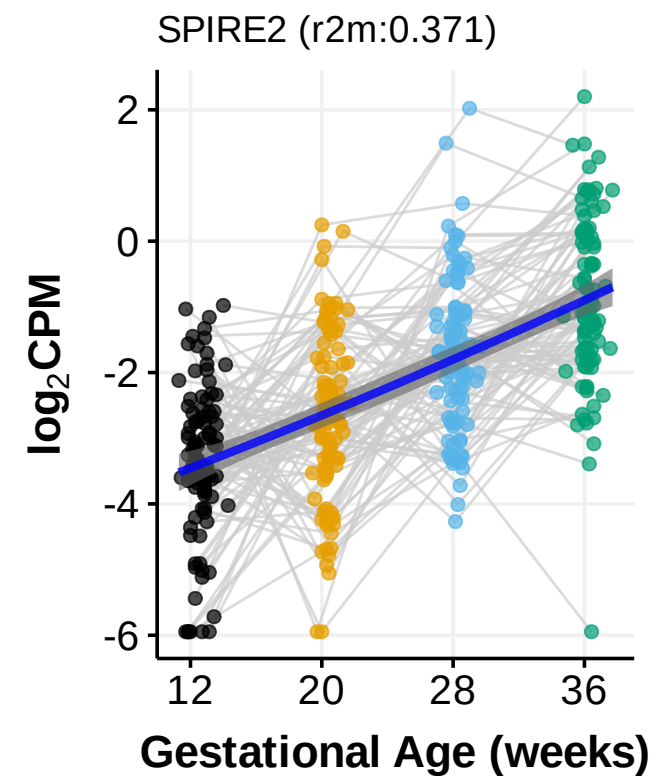
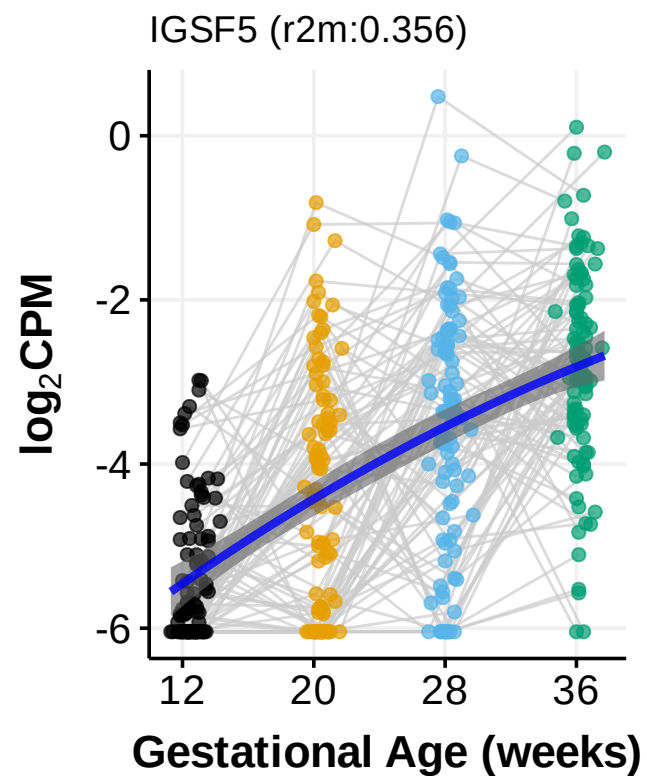
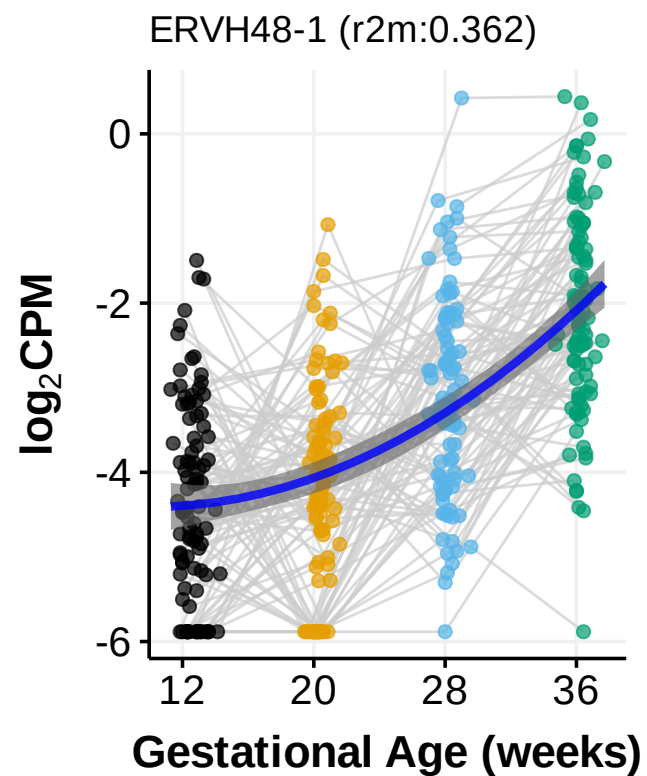
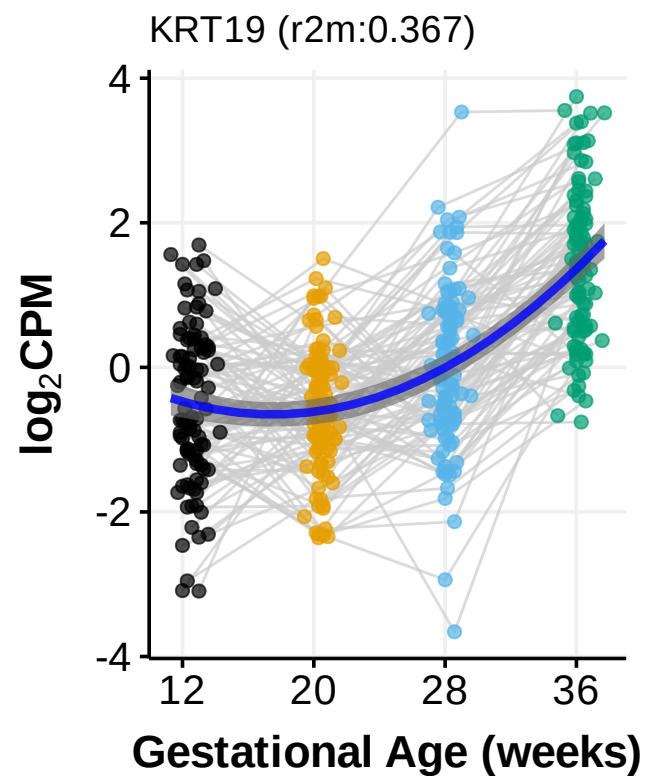
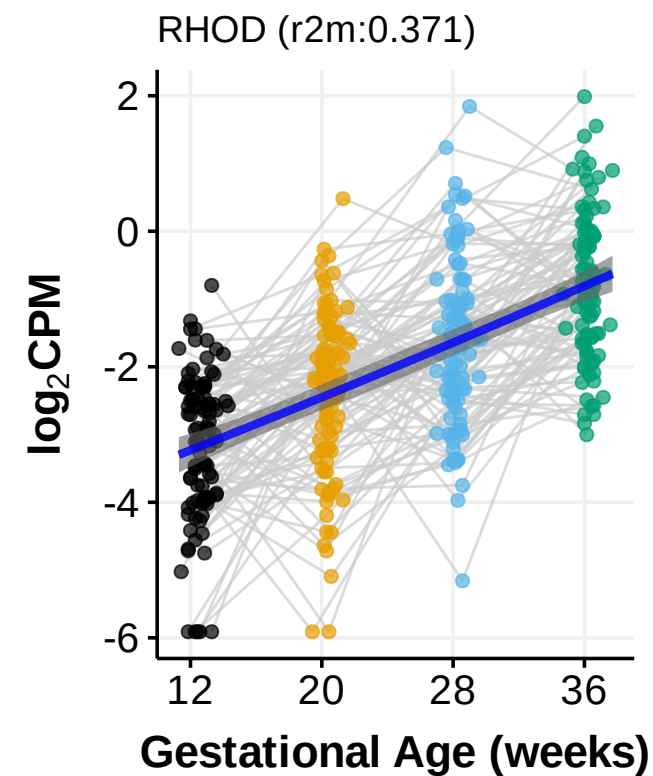
DACT2 (r2m:0.428)

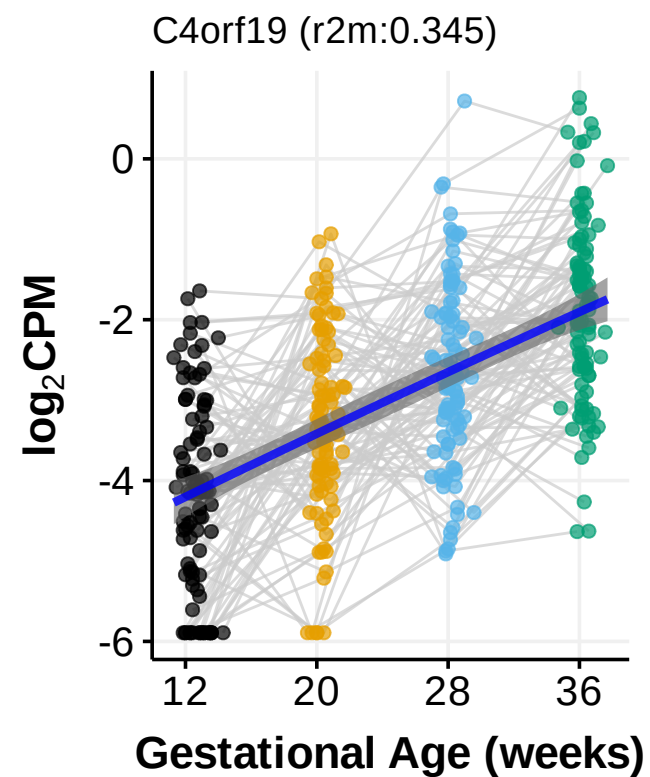
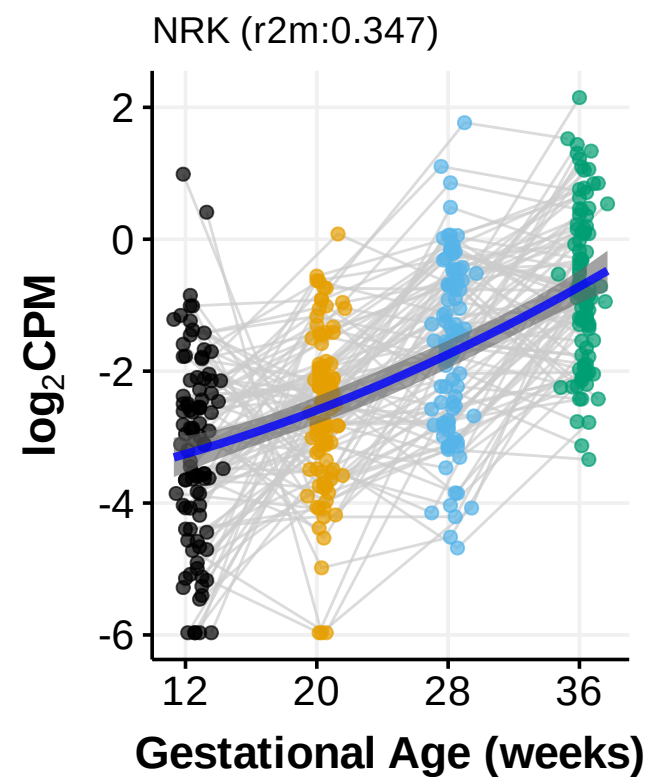
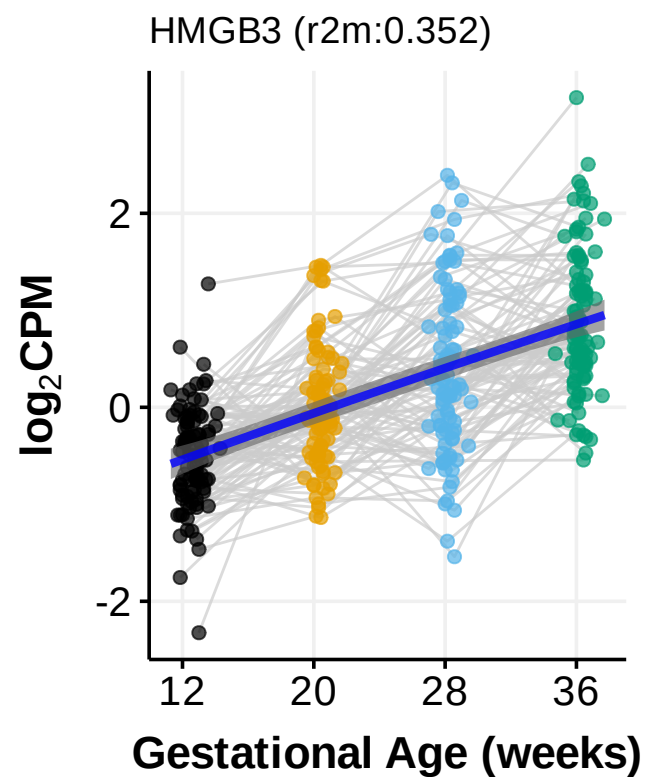
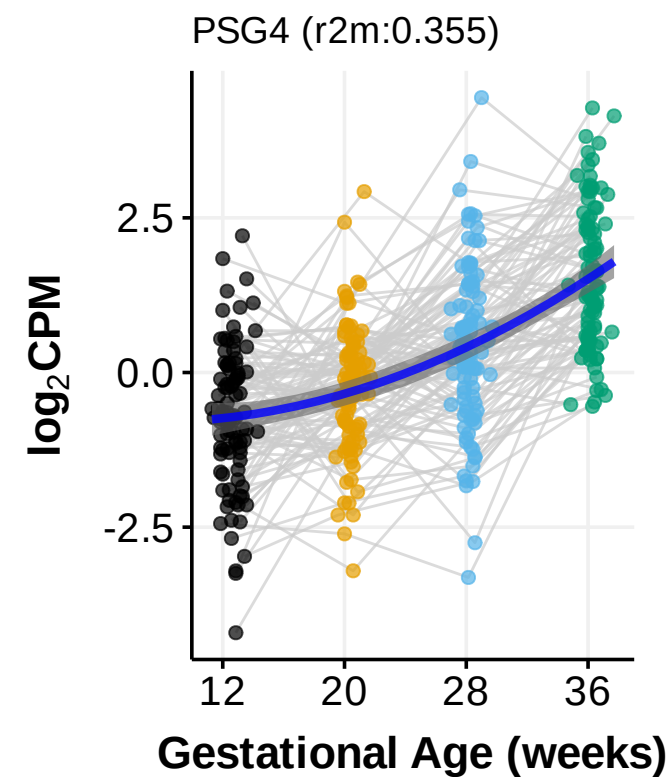
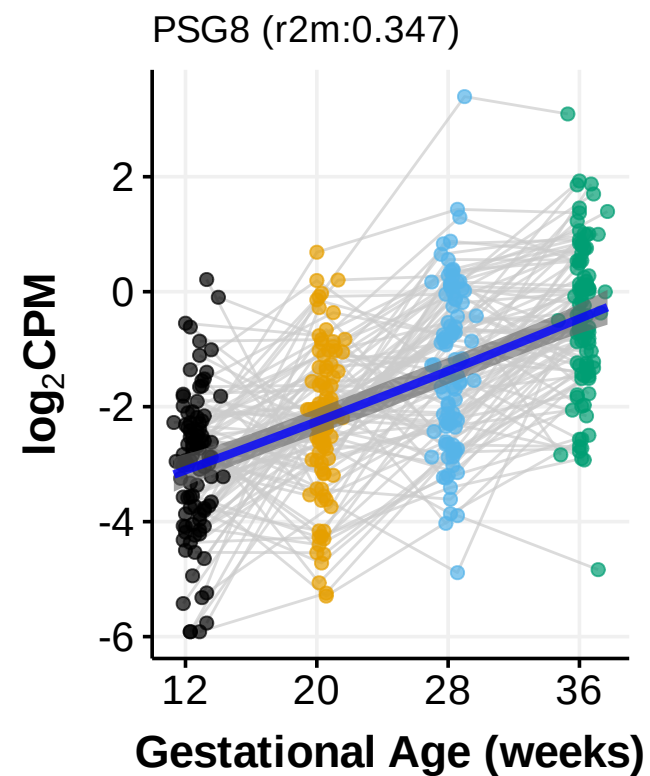
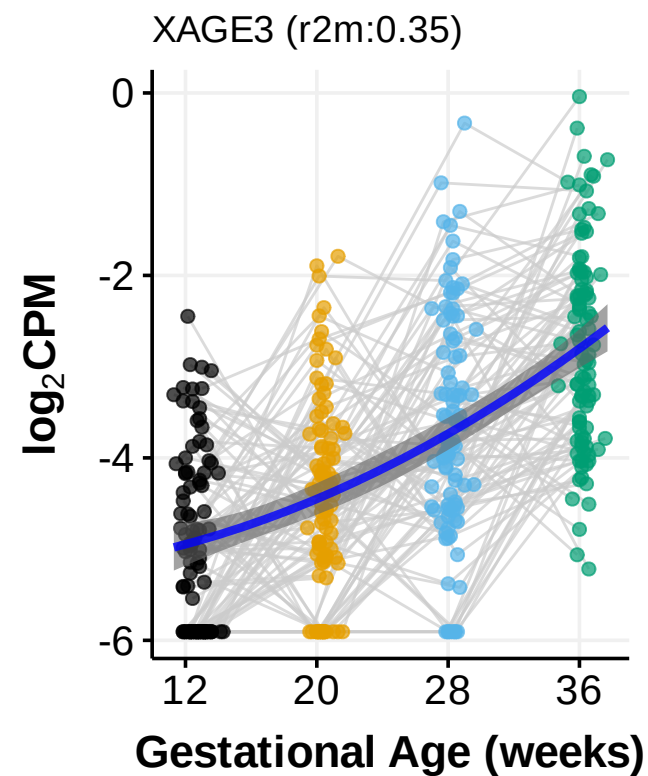
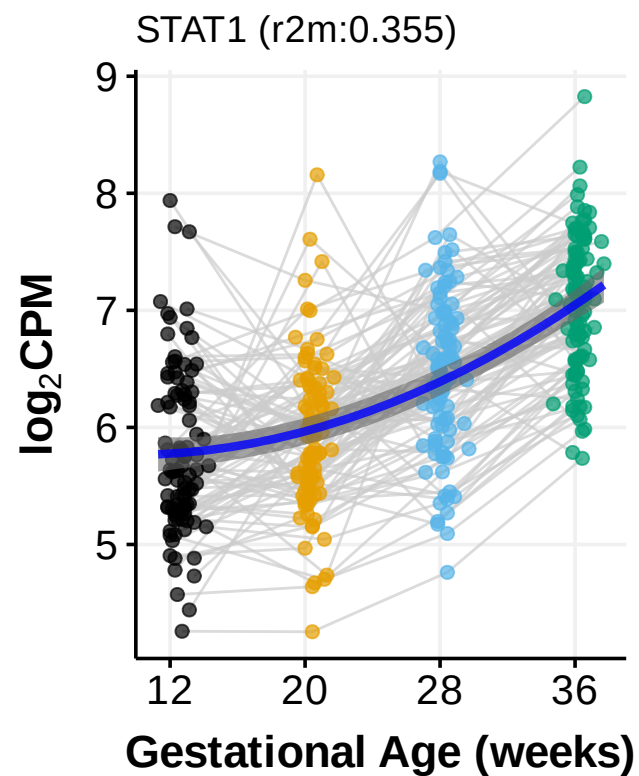
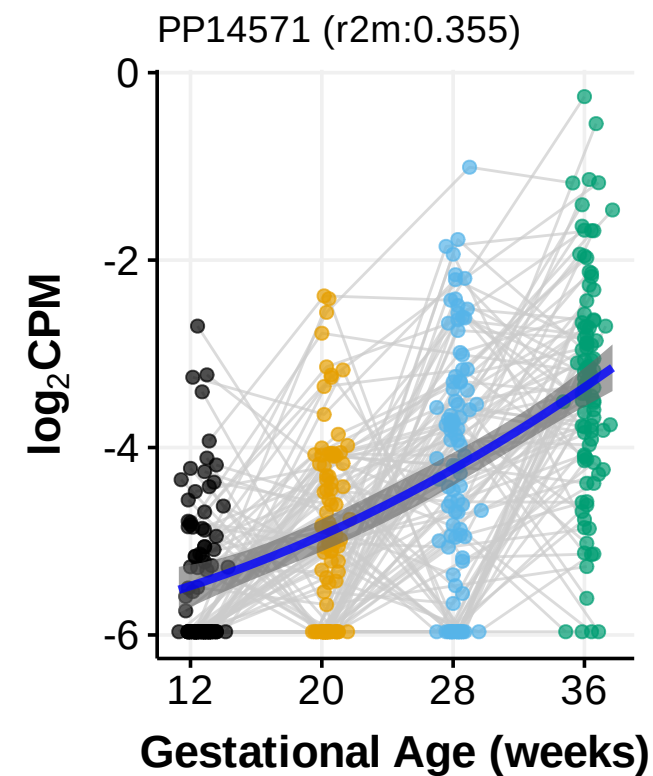


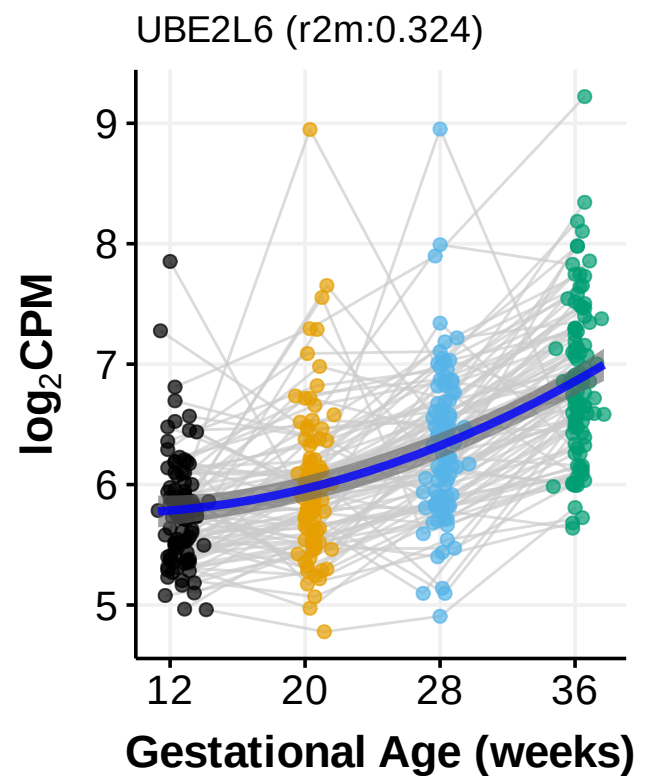
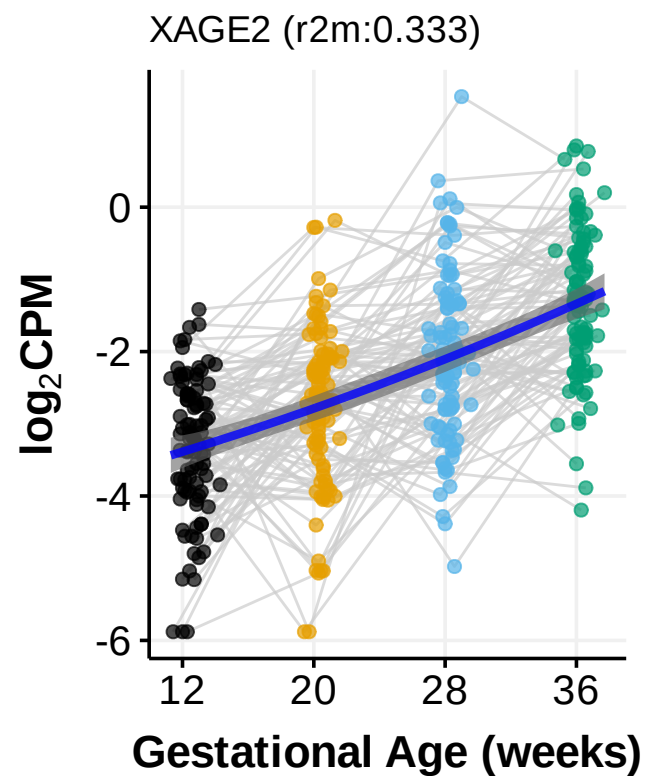
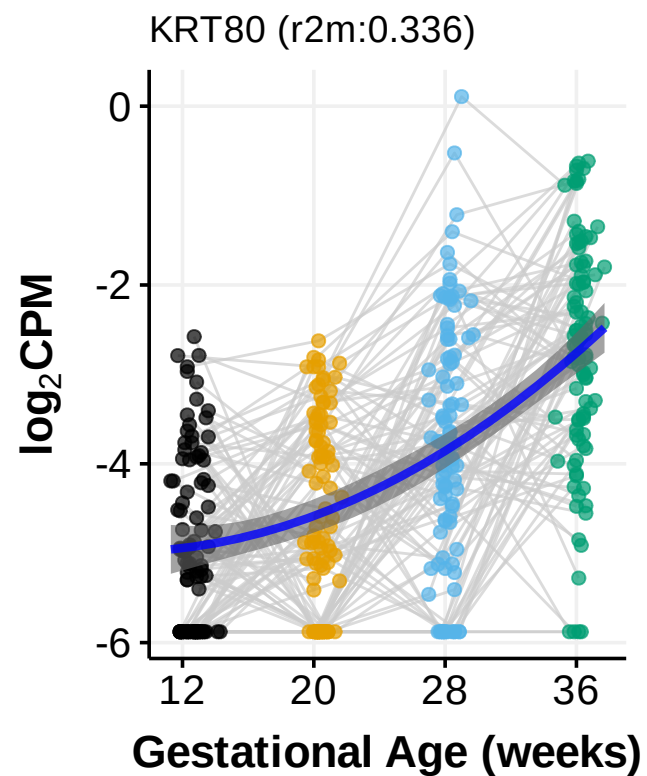
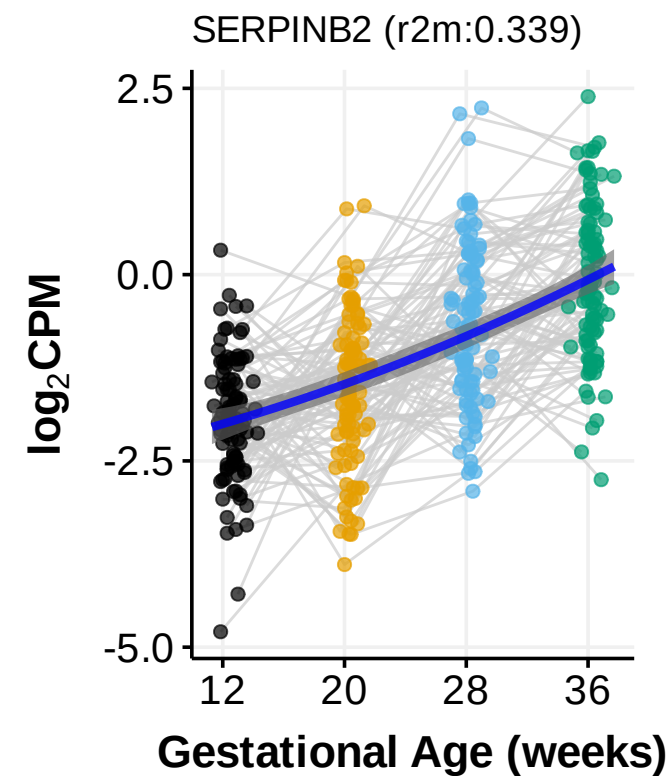
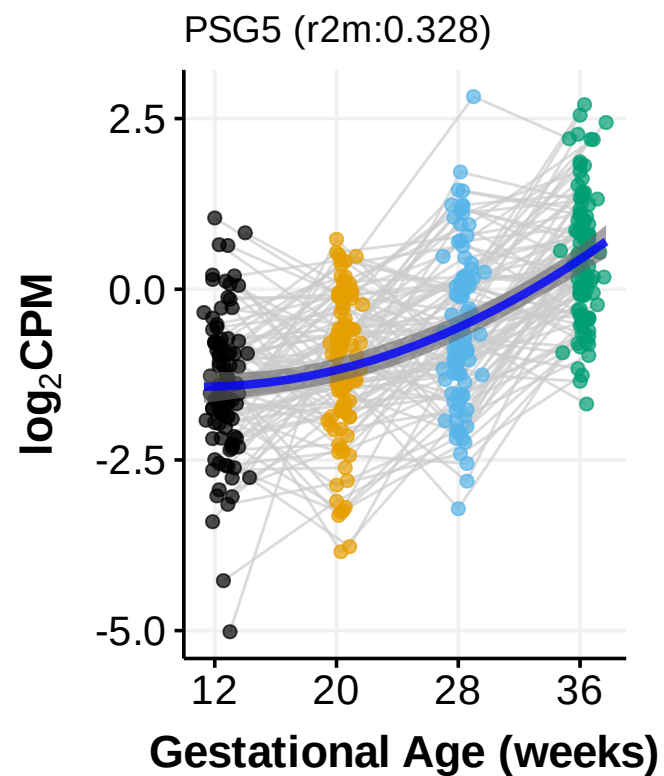
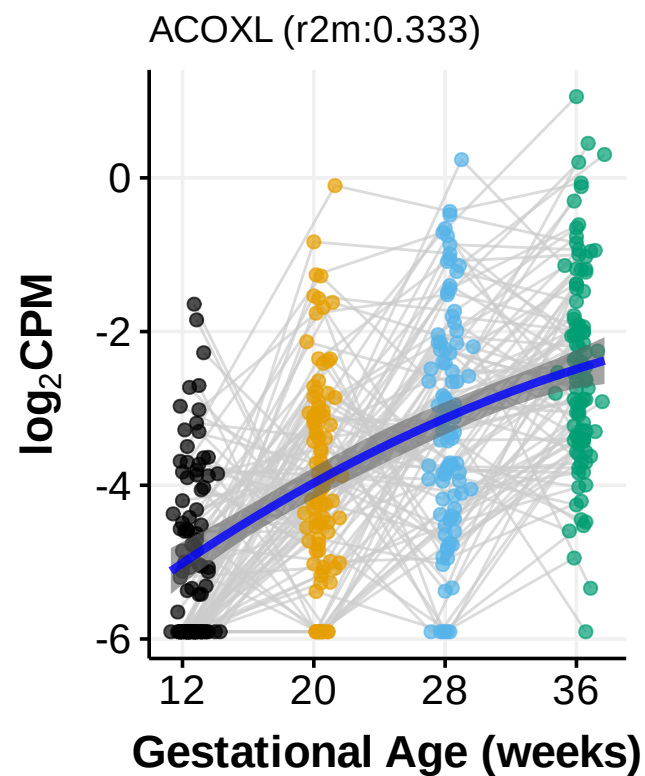
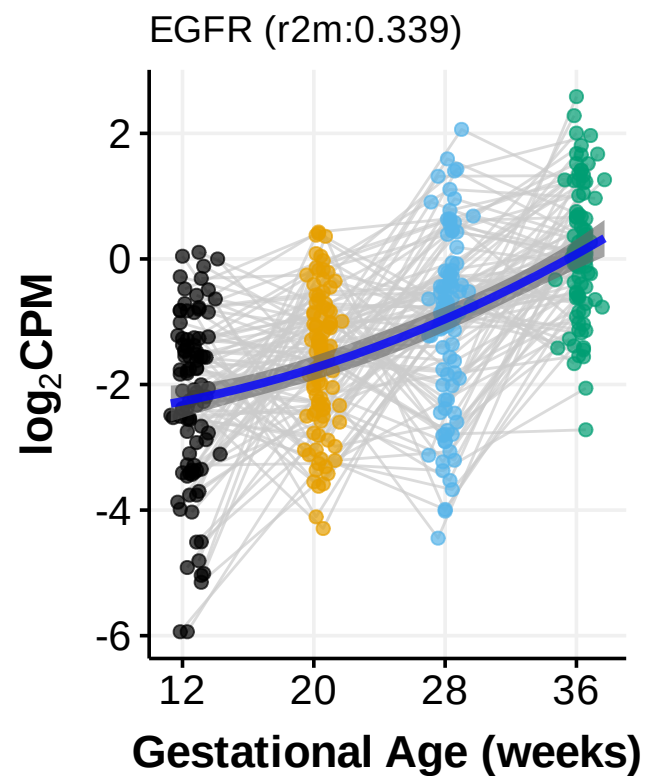
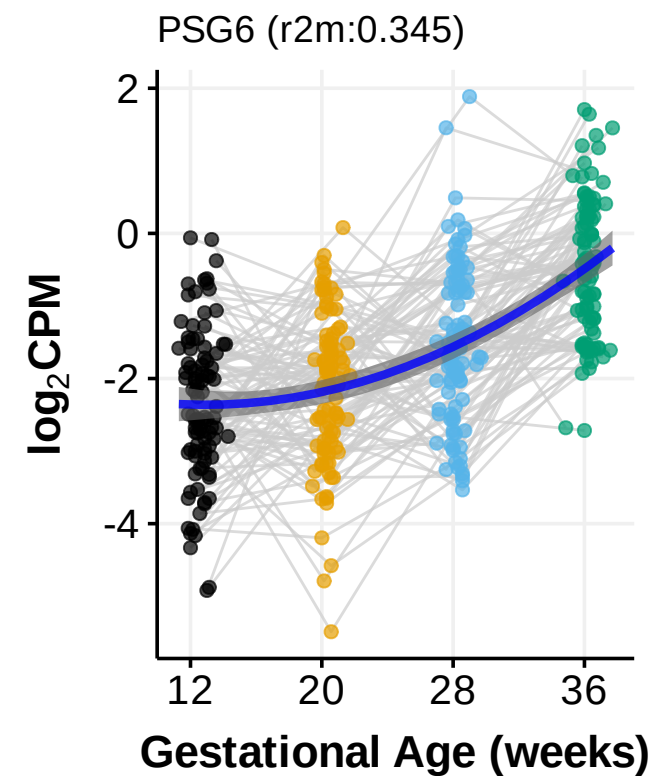
Gestational Age (weeks)

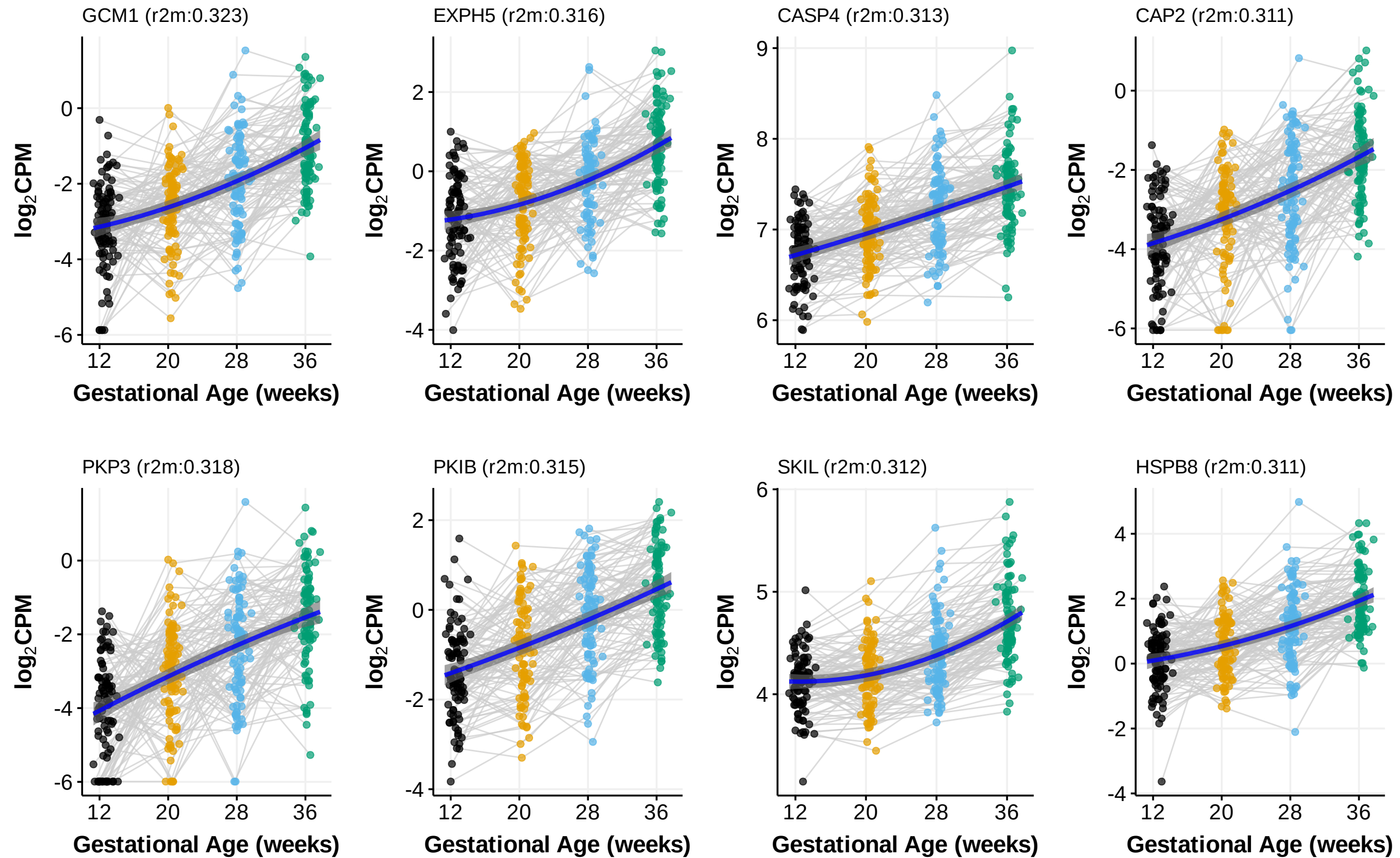


ATP6V1C2 ($r_{2m}:0.392$)GPC3 ($r_{2m}:0.39$)NECTIN3 ($r_{2m}:0.373$)GRB7 ($r_{2m}:0.372$)LAD1 ($r_{2m}:0.391$)KRT81 ($r_{2m}:0.378$)CSH2 ($r_{2m}:0.372$)SH2D5 ($r_{2m}:0.371$)

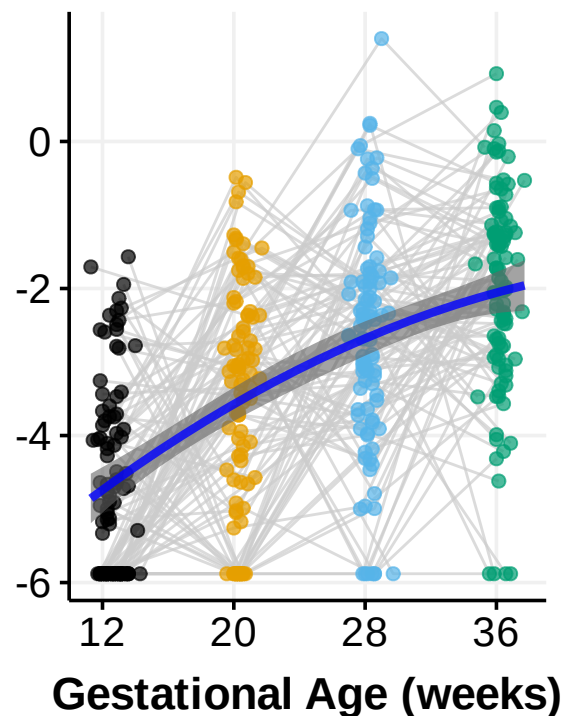




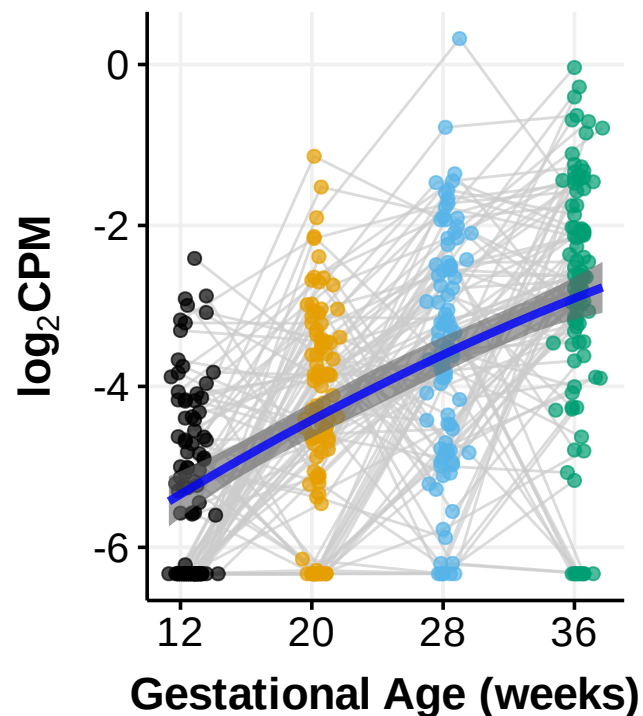




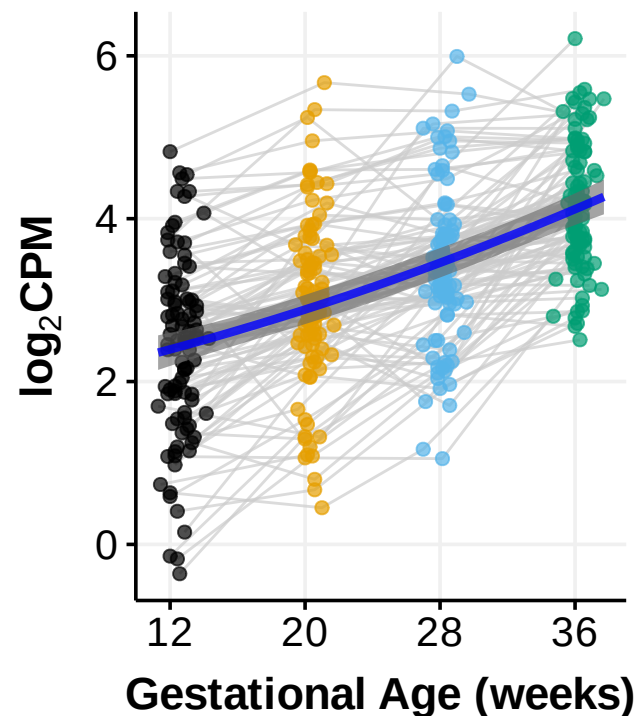
ERVV-1 (r2m:0.31)



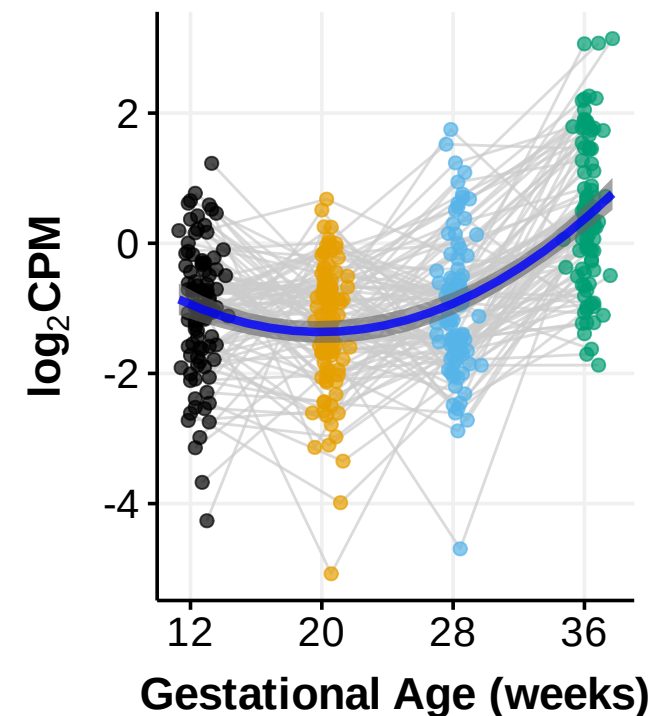
LINC01118 (r2m:0.298)



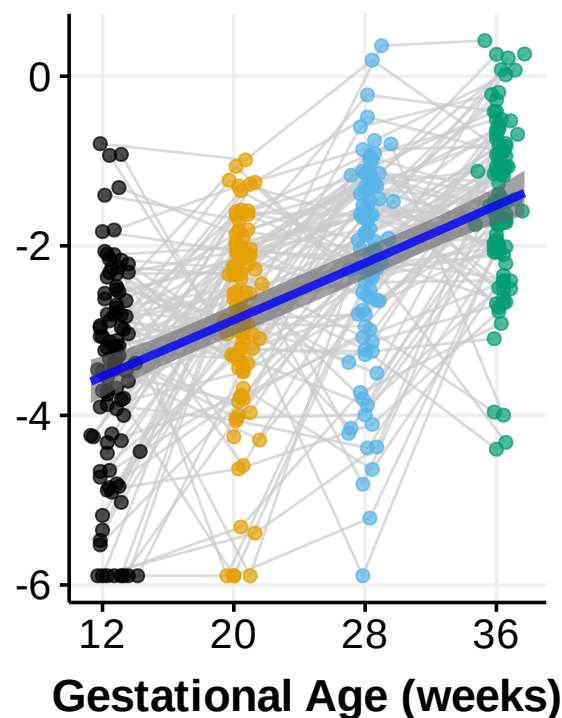
ADAM12 (r2m:0.296)



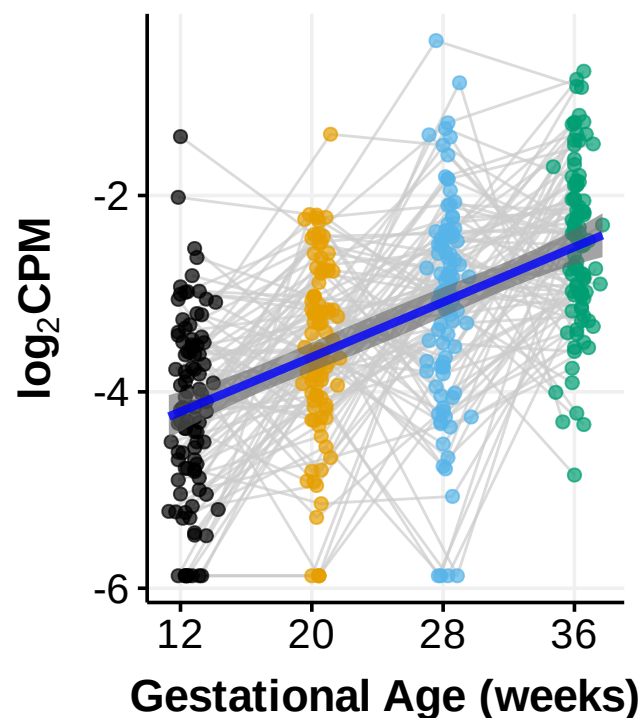
HTRA1 (r2m:0.294)



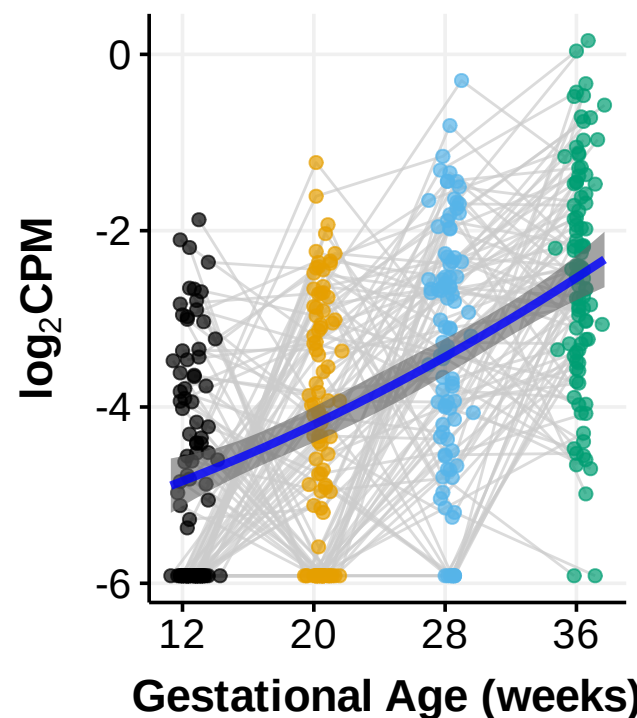
TWIST1 (r2m:0.3)



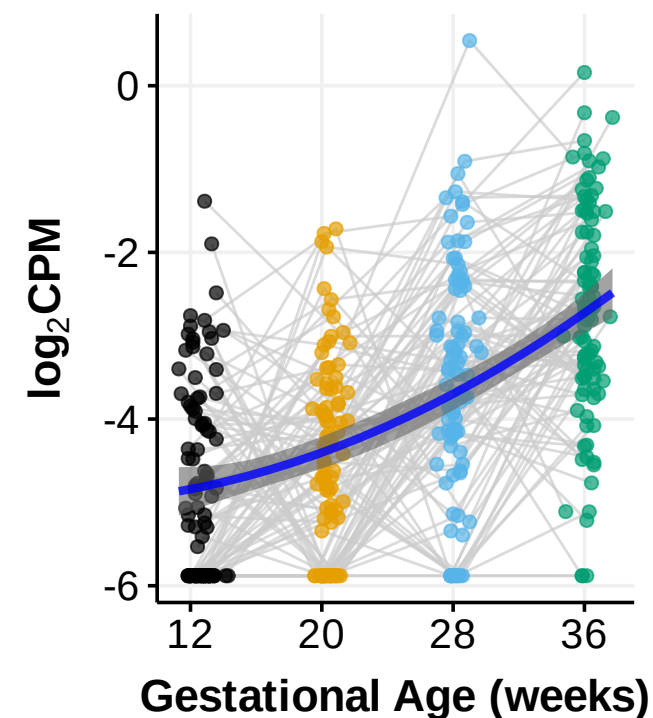
FRZB (r2m:0.297)

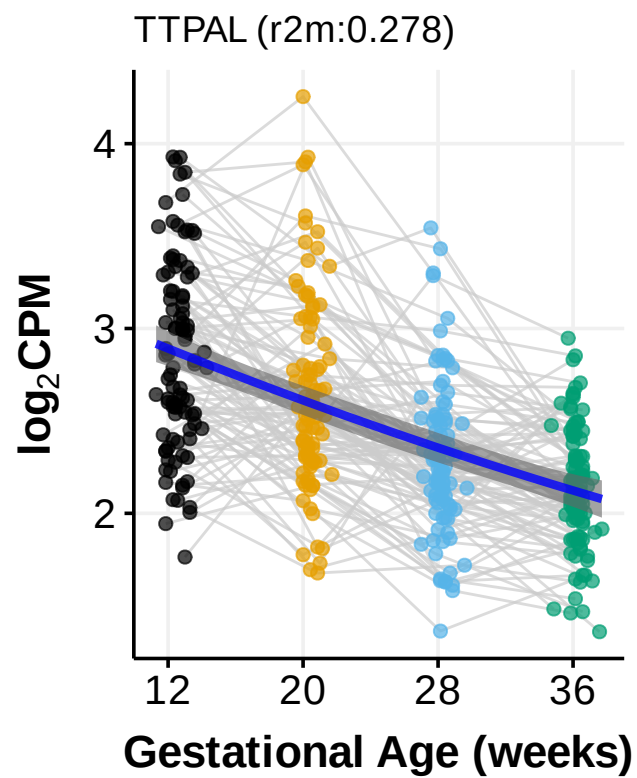
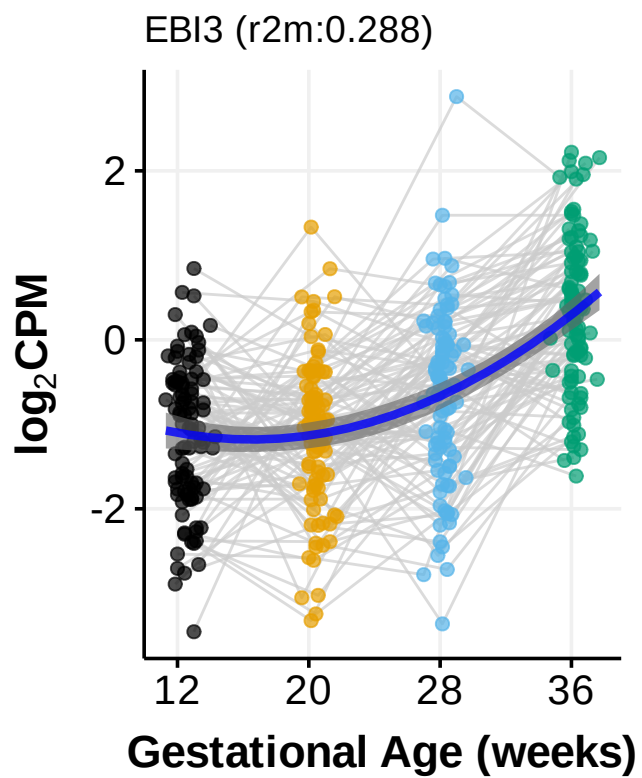
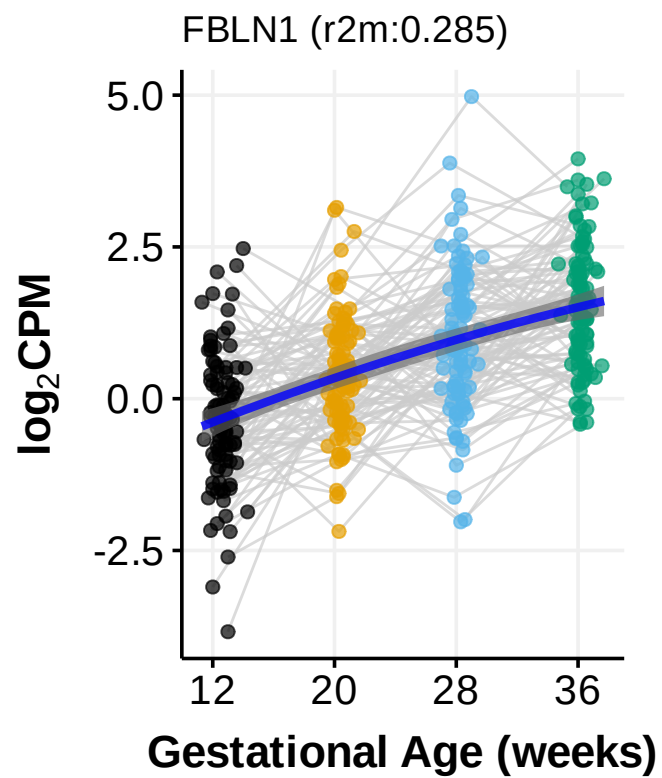
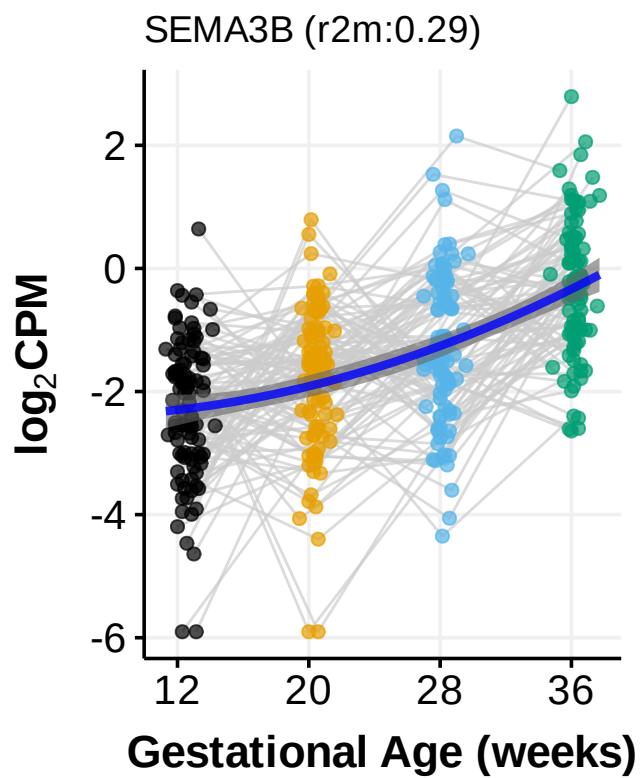


OVOL1 (r2m:0.295)

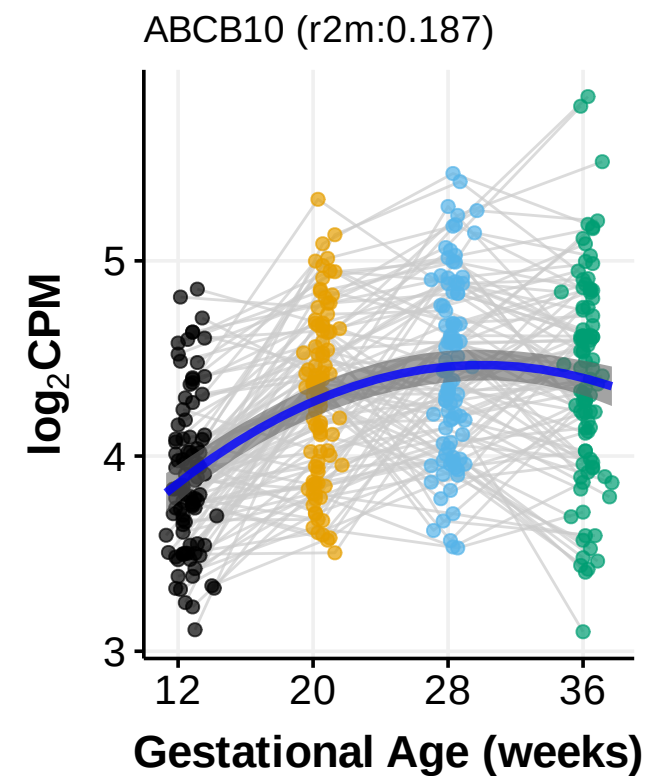
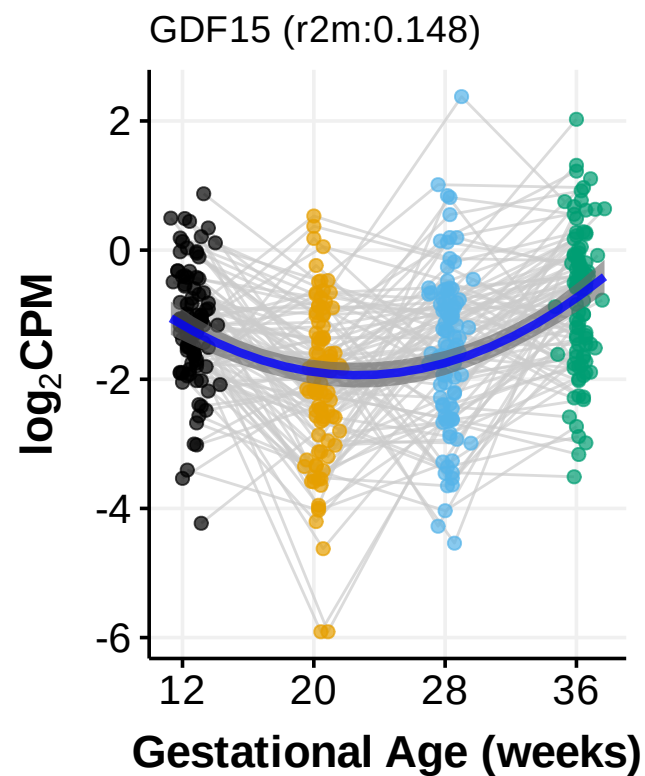
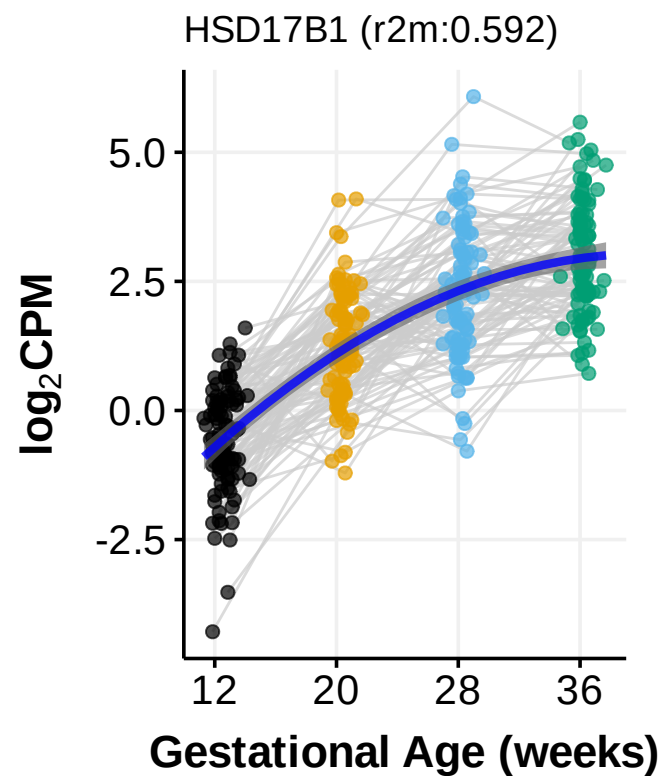
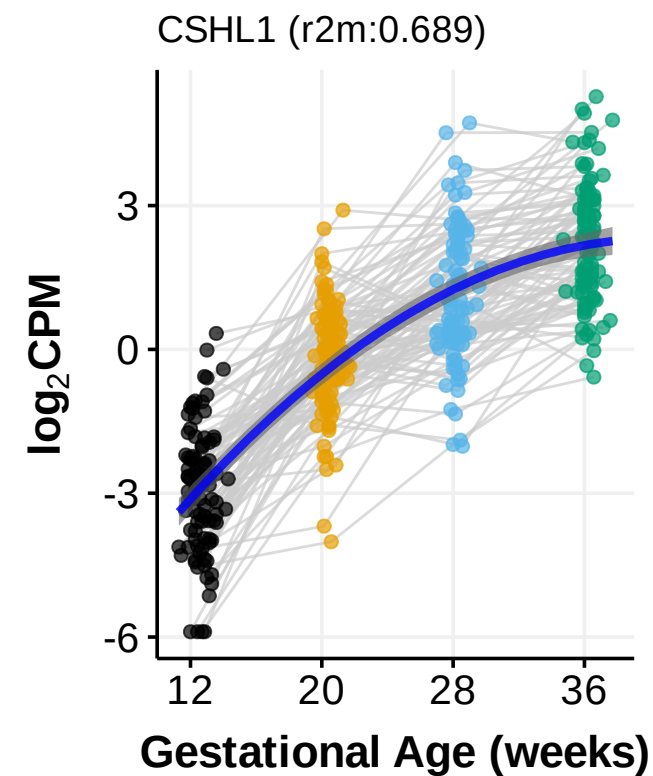
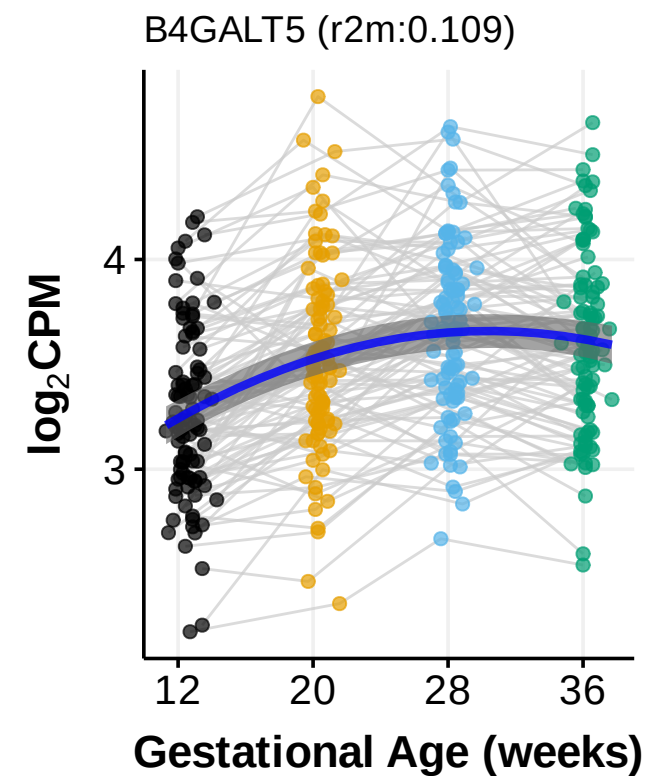
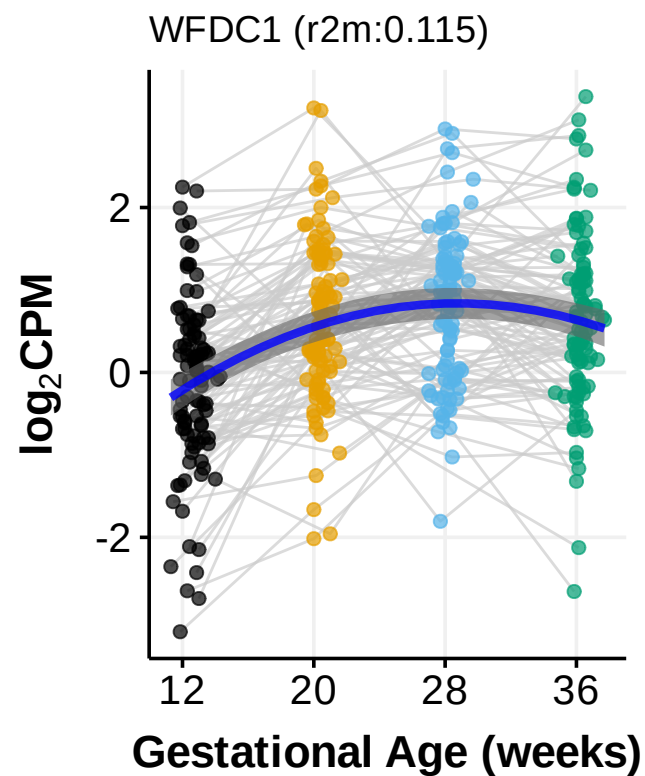
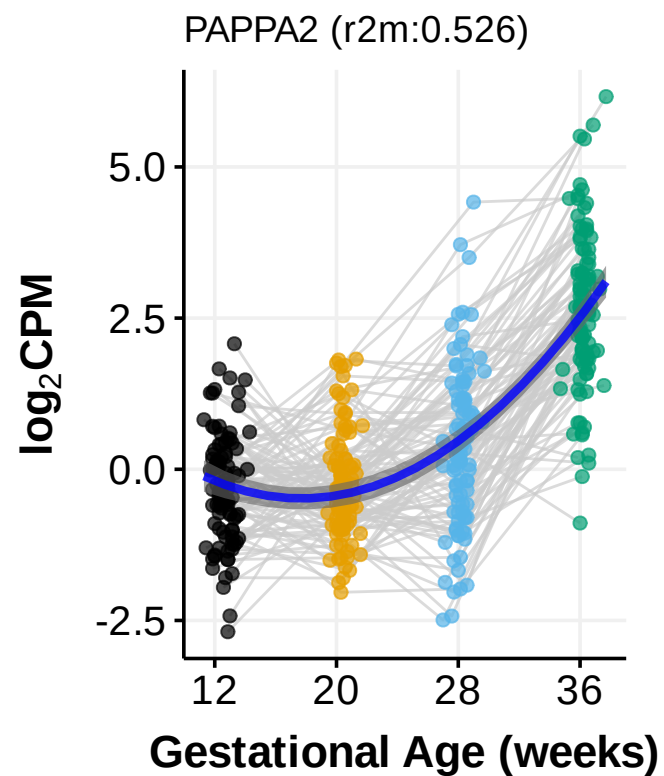
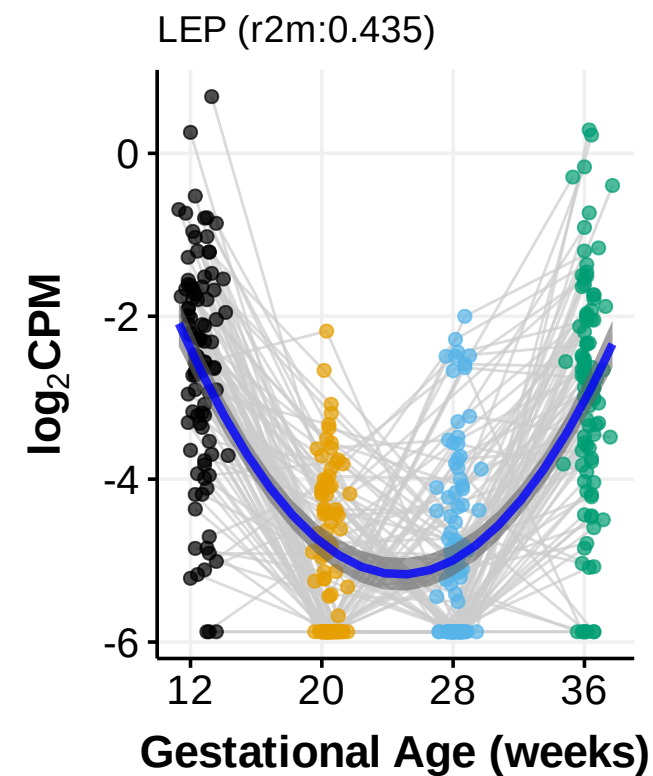


SLC30A2 (r2m:0.293)

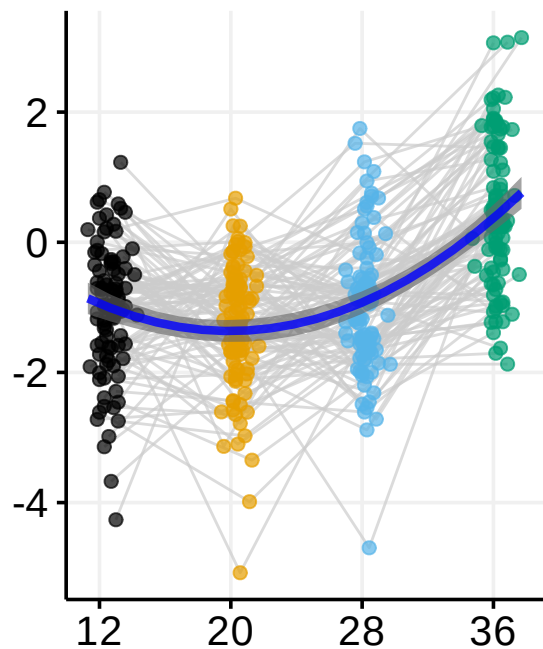




Supplementary Figure 5.
Top 100 cfRNAs
by the combined p-values

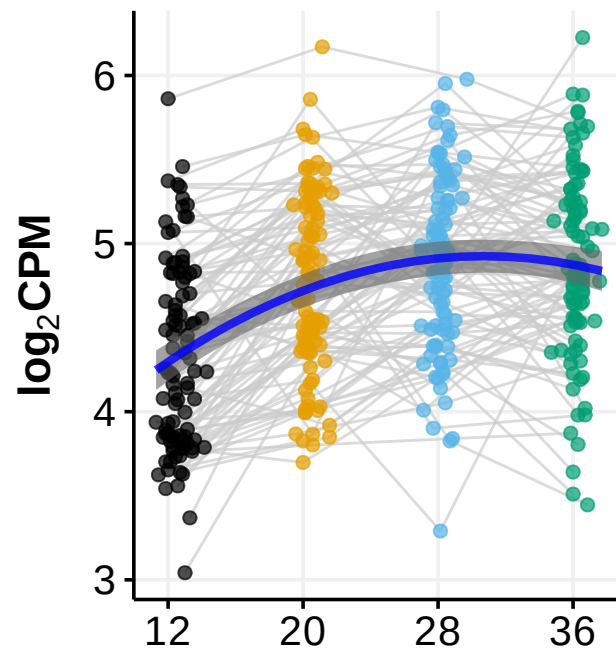


HTRA1 (r2m:0.294)



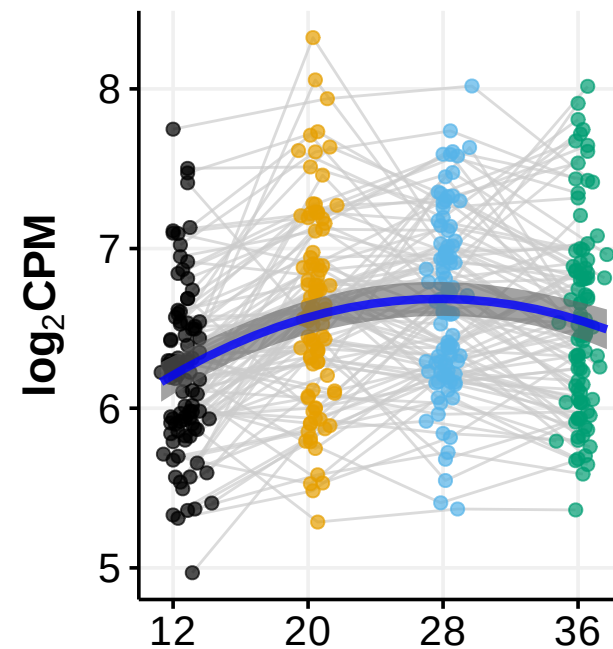
Gestational Age (weeks)

TMEM63B (r2m:0.149)



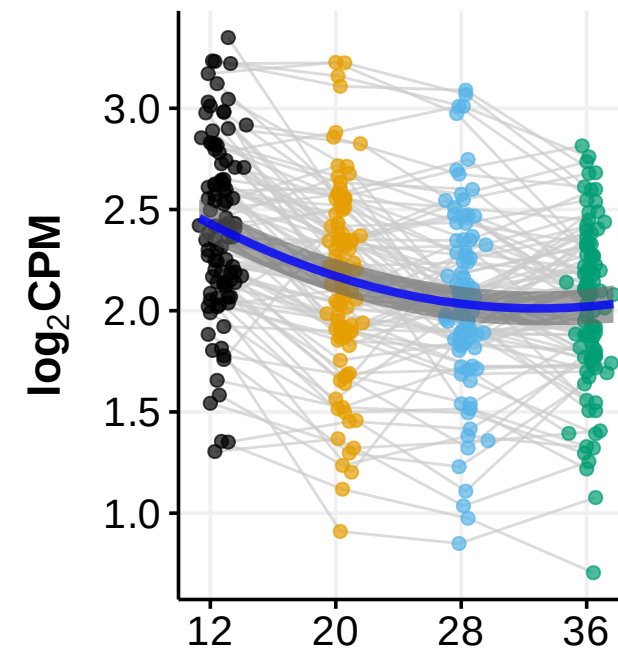
Gestational Age (weeks)

P4HB (r2m:0.076)



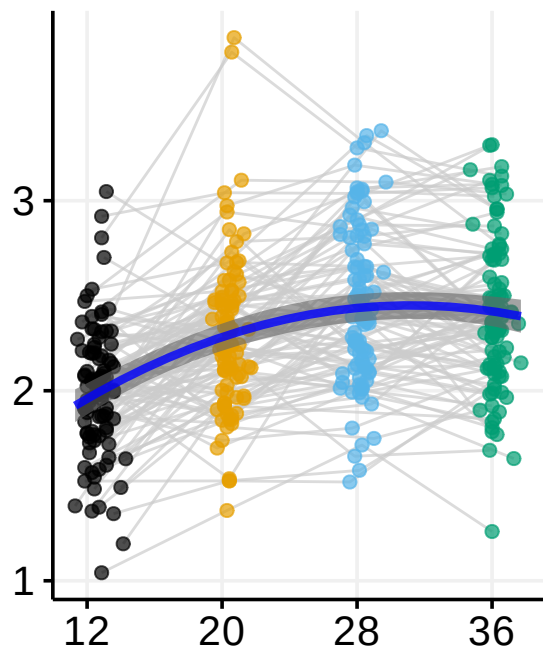
Gestational Age (weeks)

RBMXL1 (r2m:0.11)



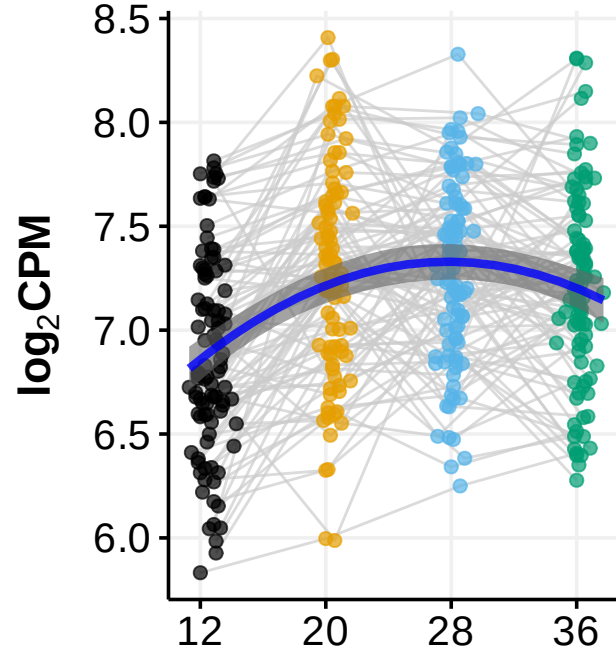
Gestational Age (weeks)

B3GNT2 (r2m:0.169)



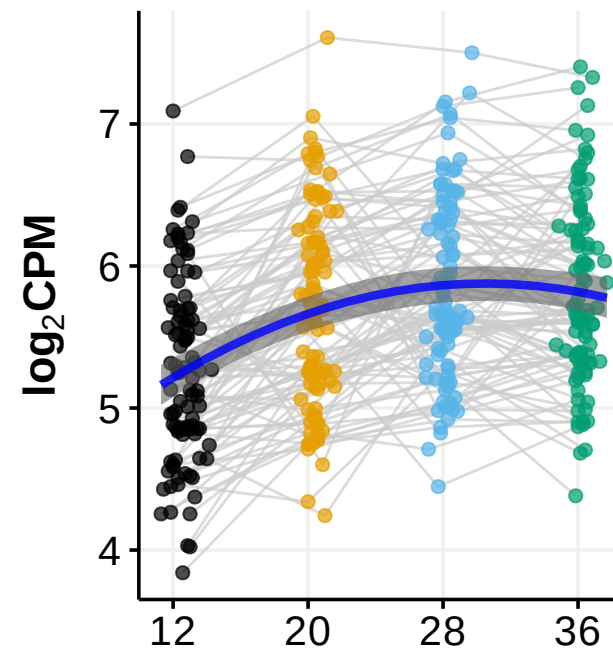
Gestational Age (weeks)

BSG (r2m:0.103)



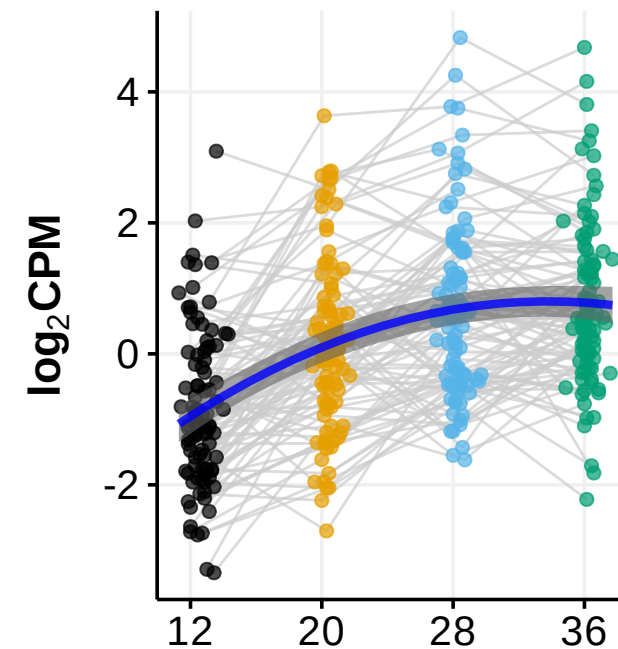
Gestational Age (weeks)

CSRP1 (r2m:0.116)

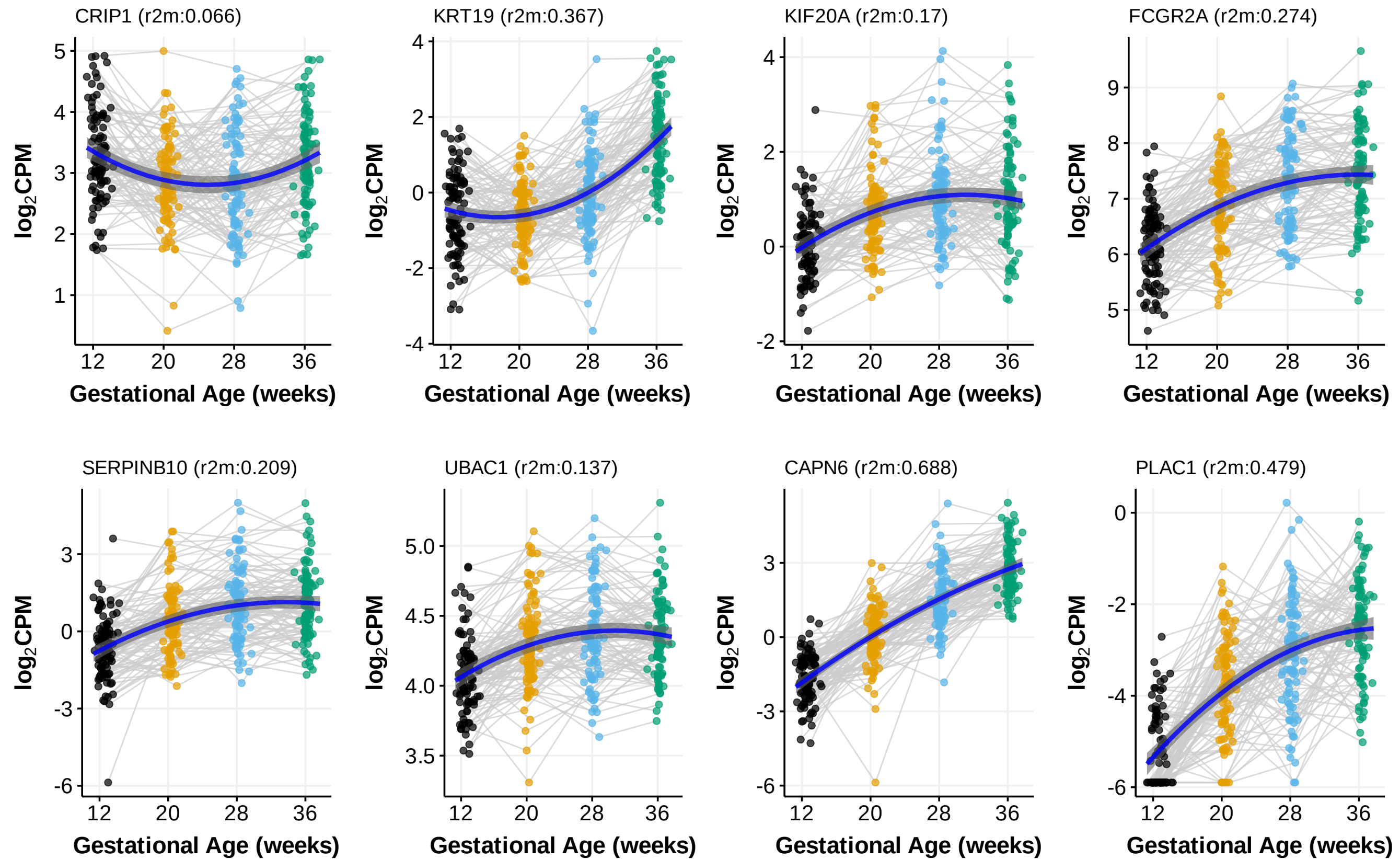


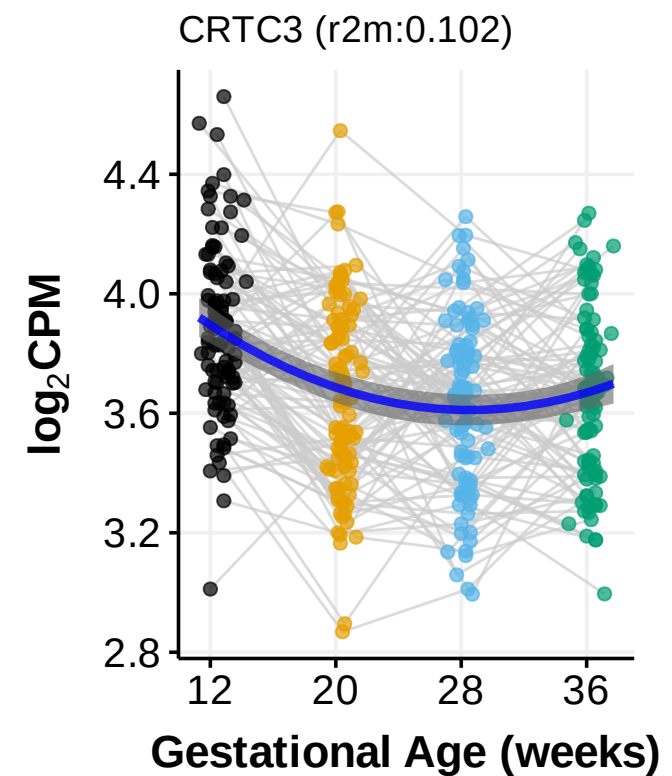
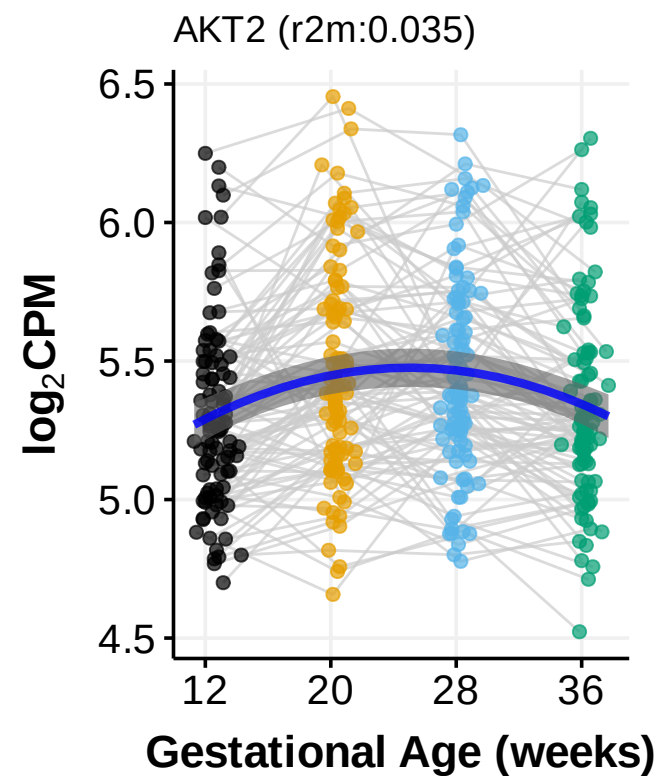
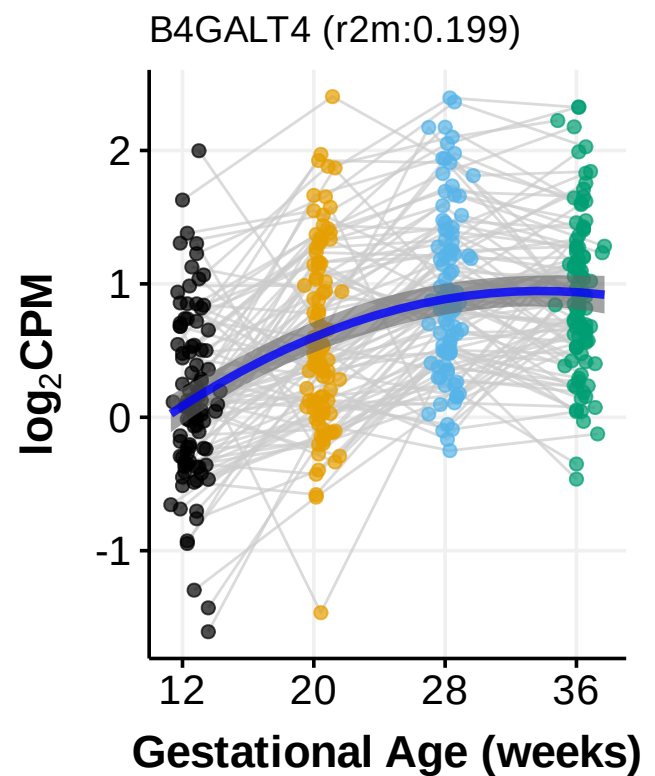
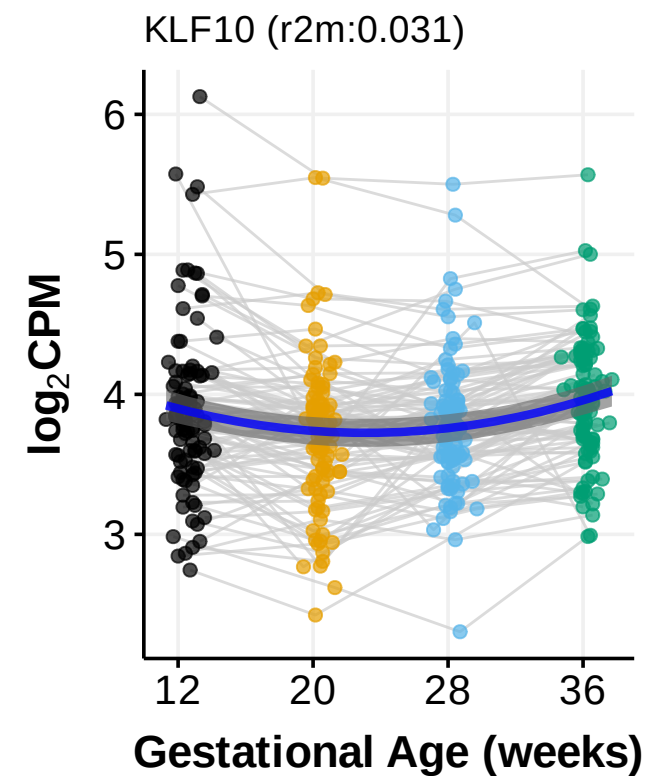
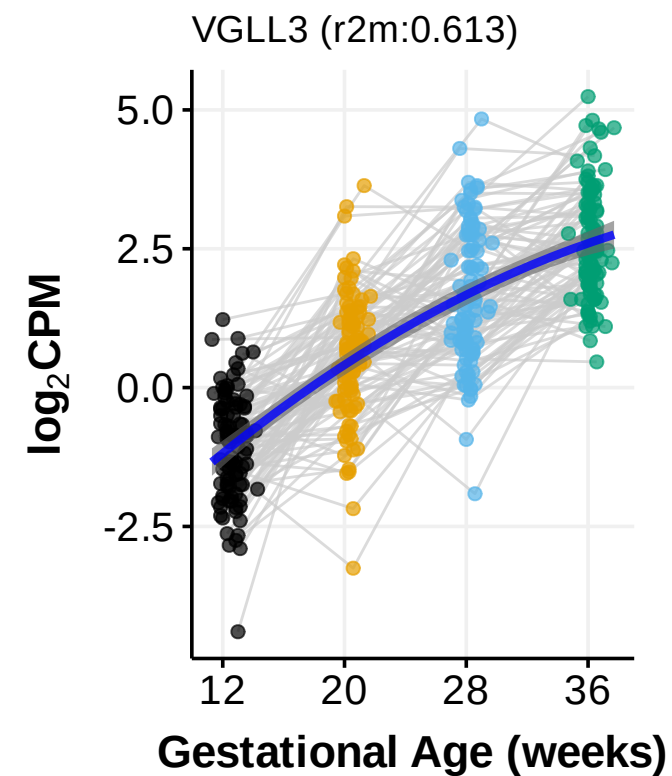
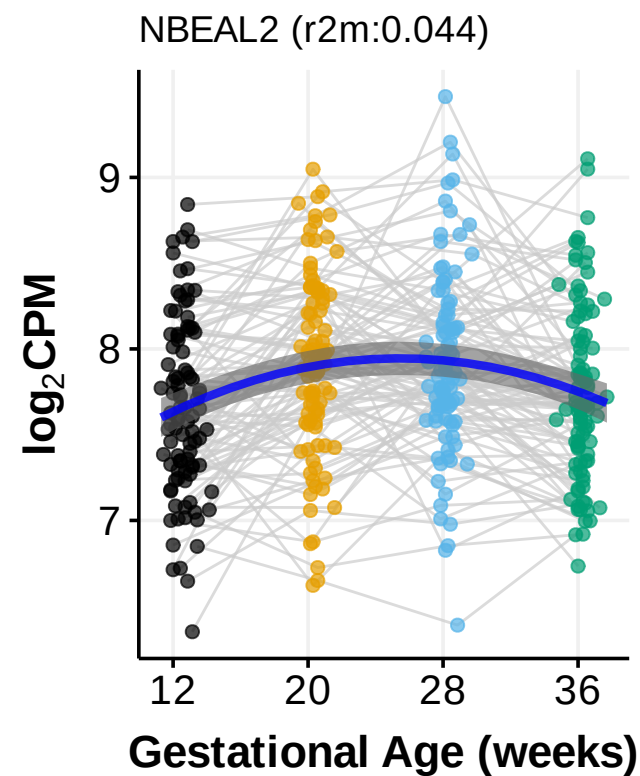
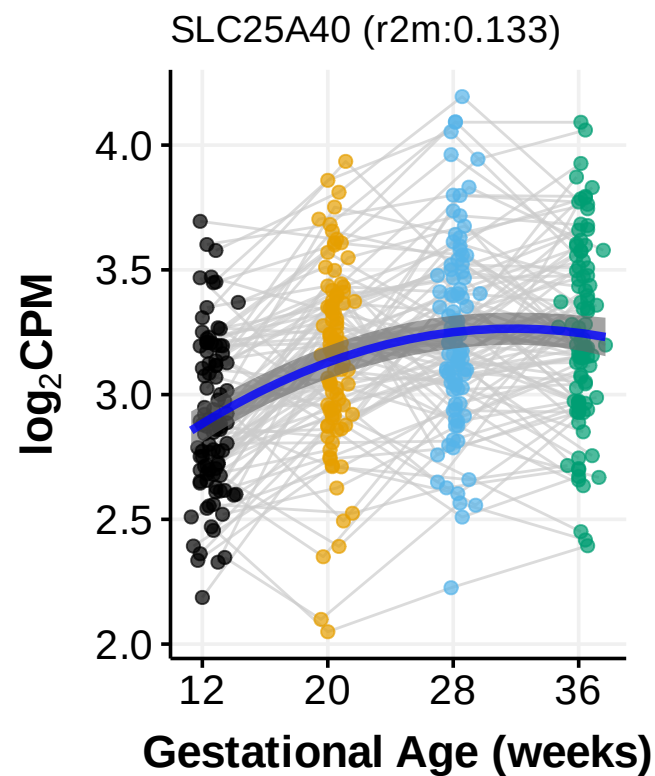
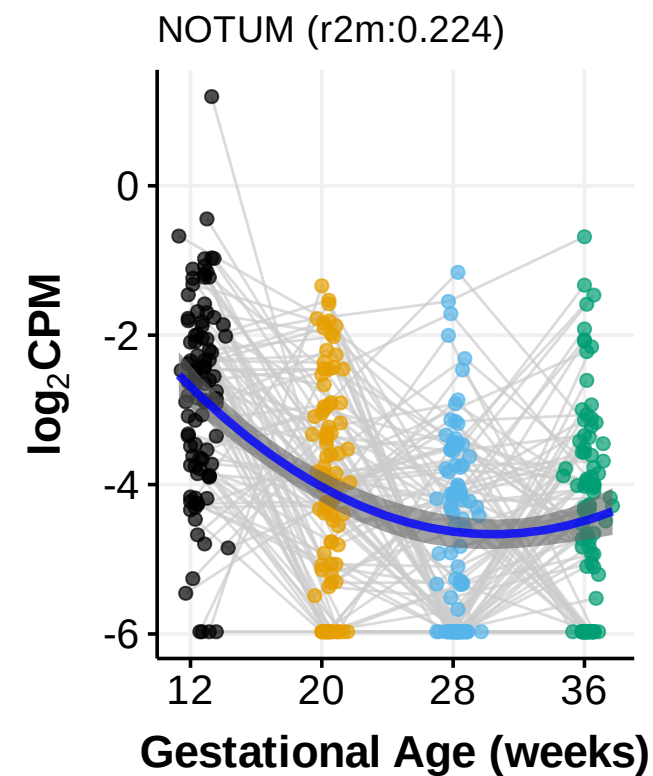
Gestational Age (weeks)

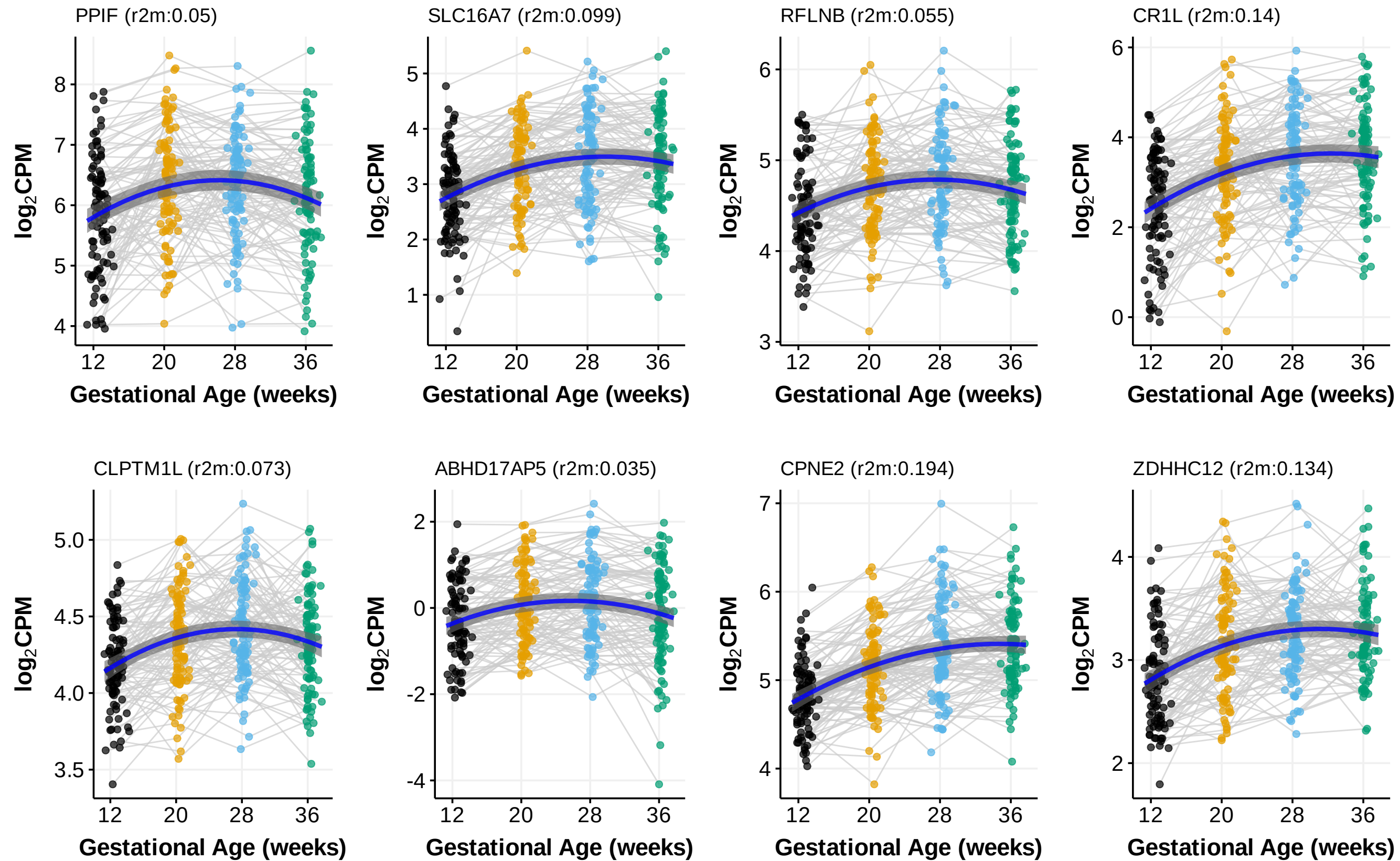
COL17A1 (r2m:0.205)

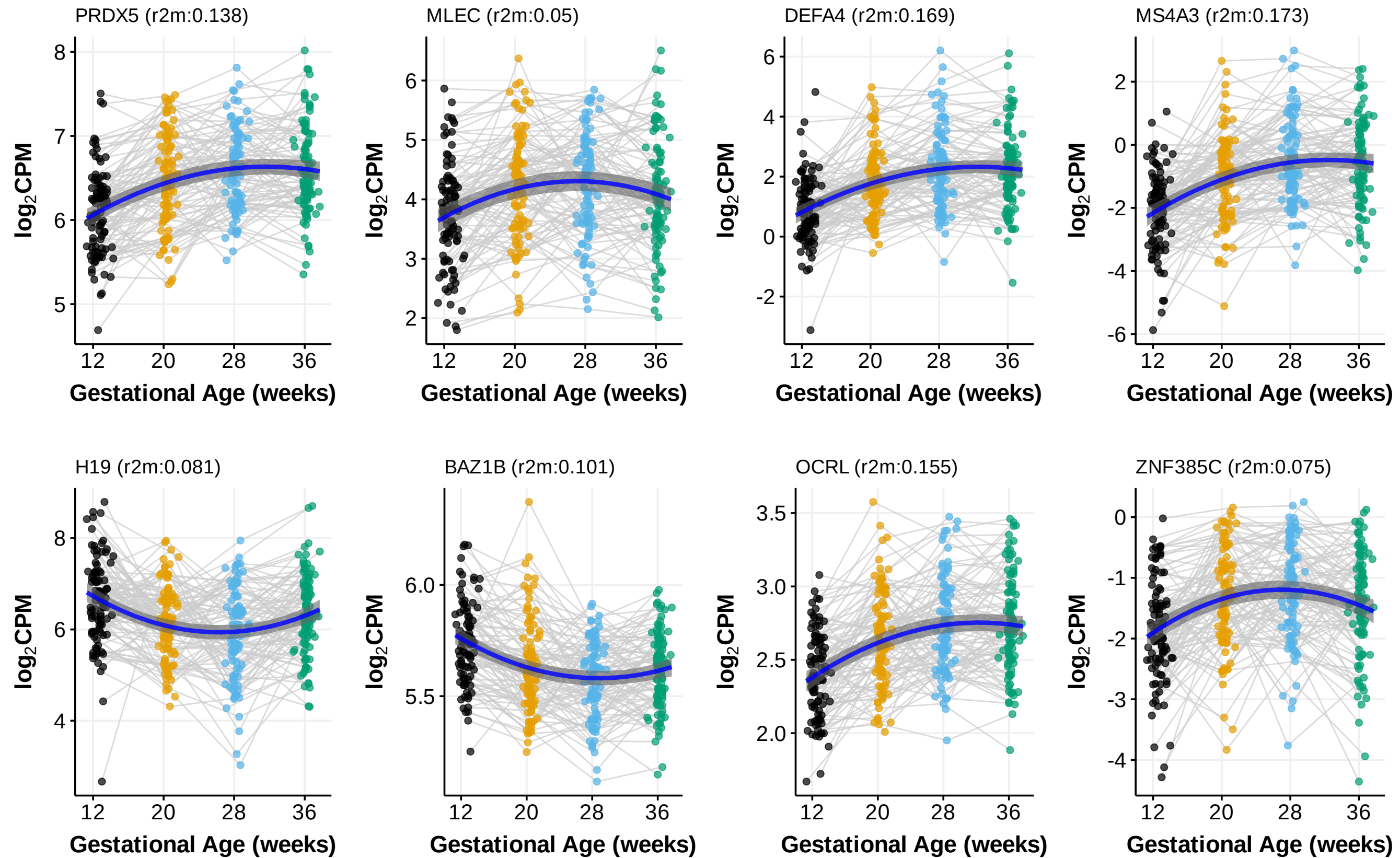


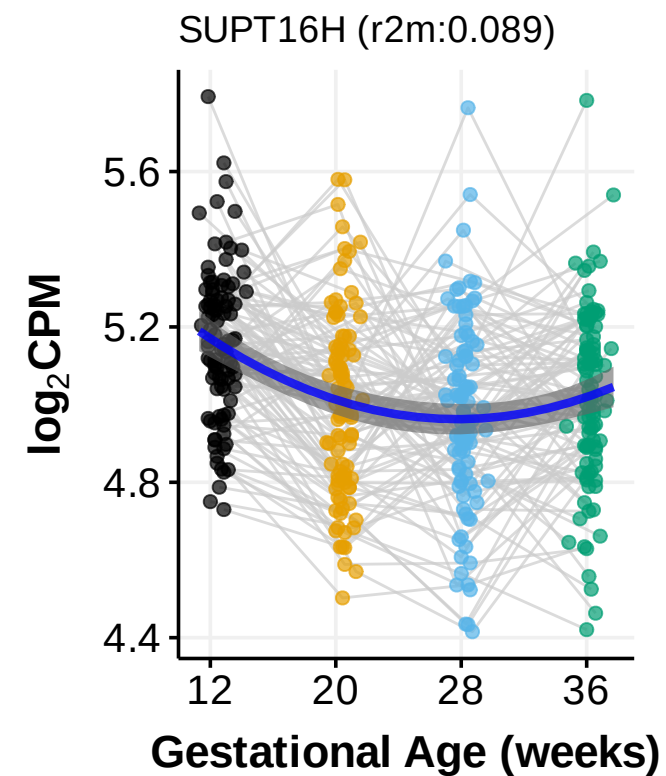
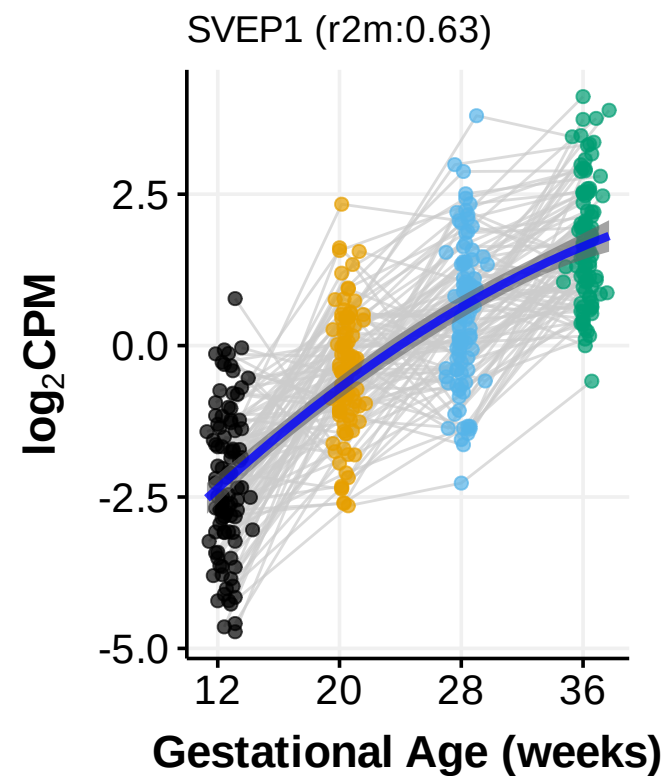
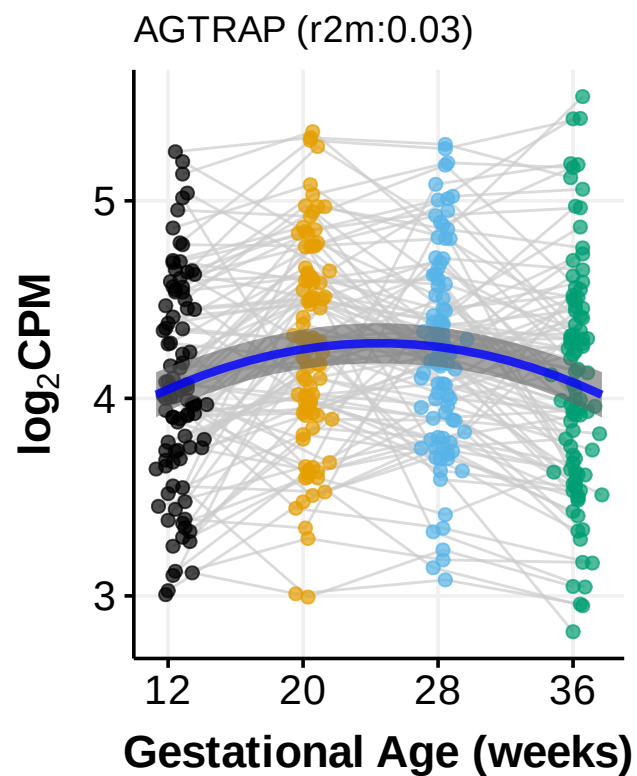
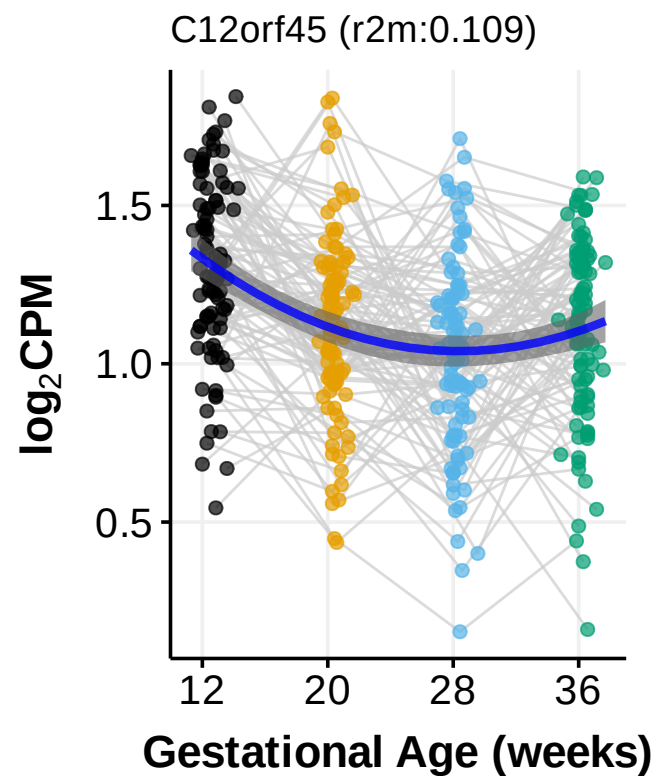
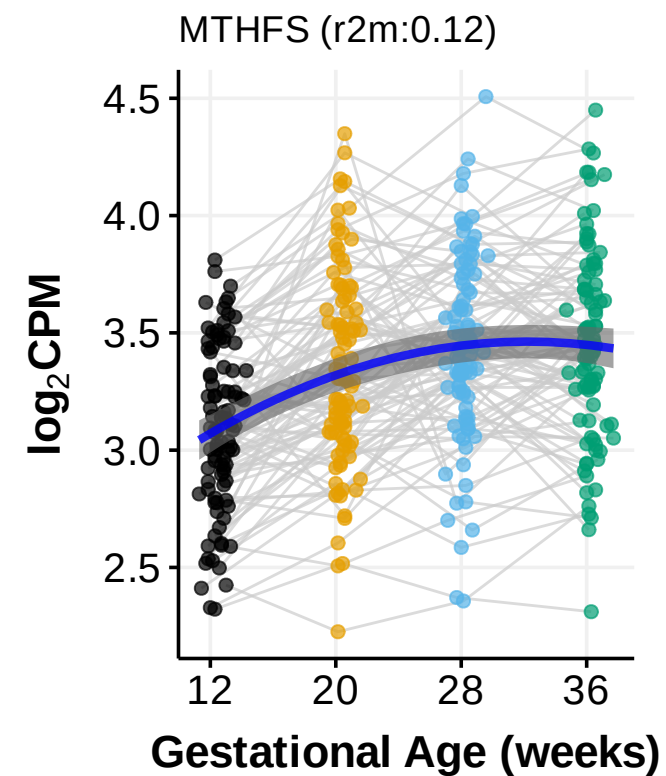
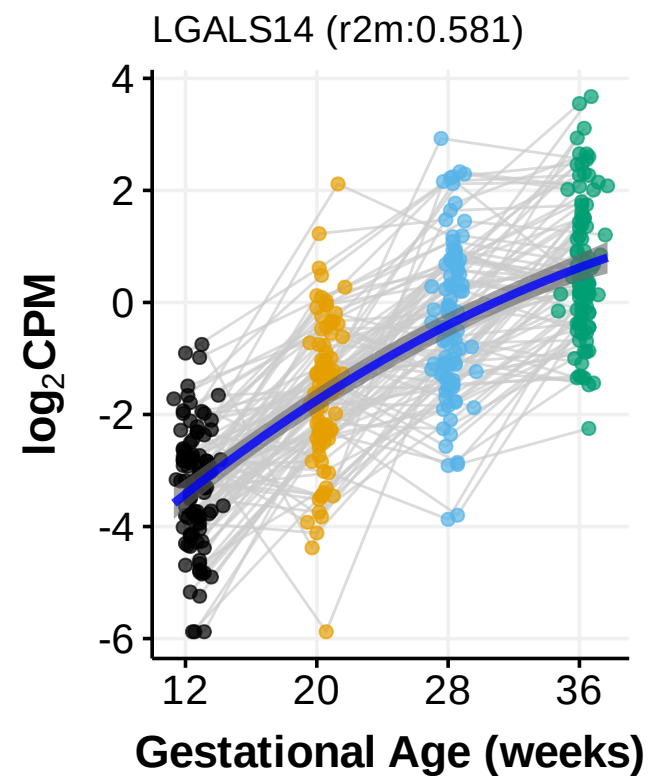
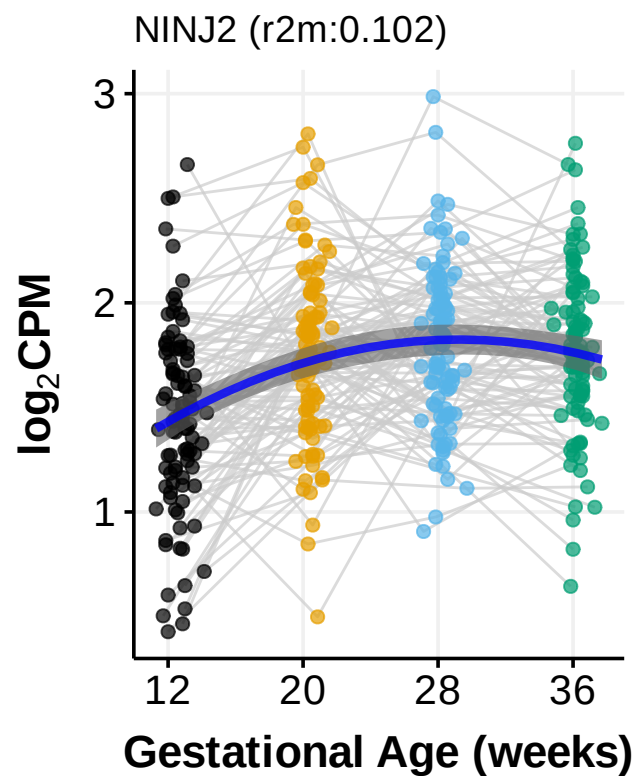
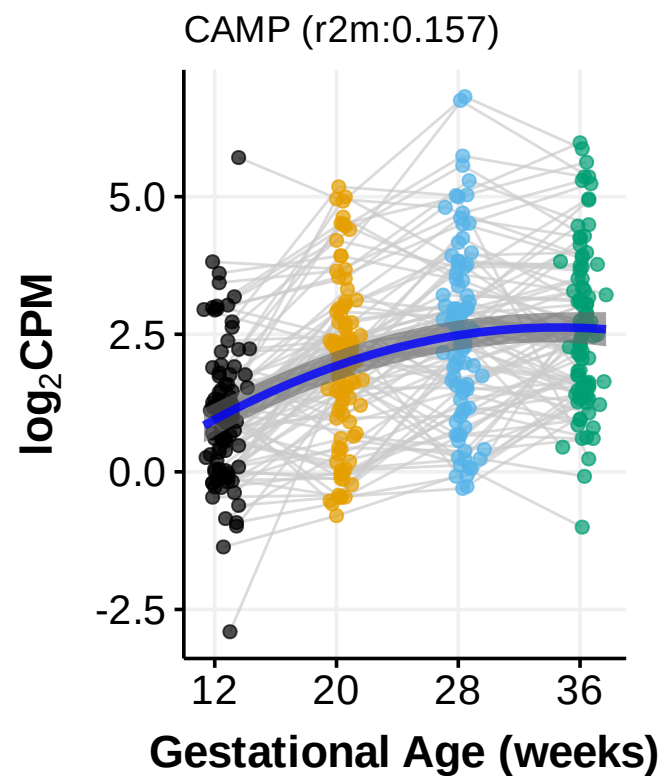
Gestational Age (weeks)

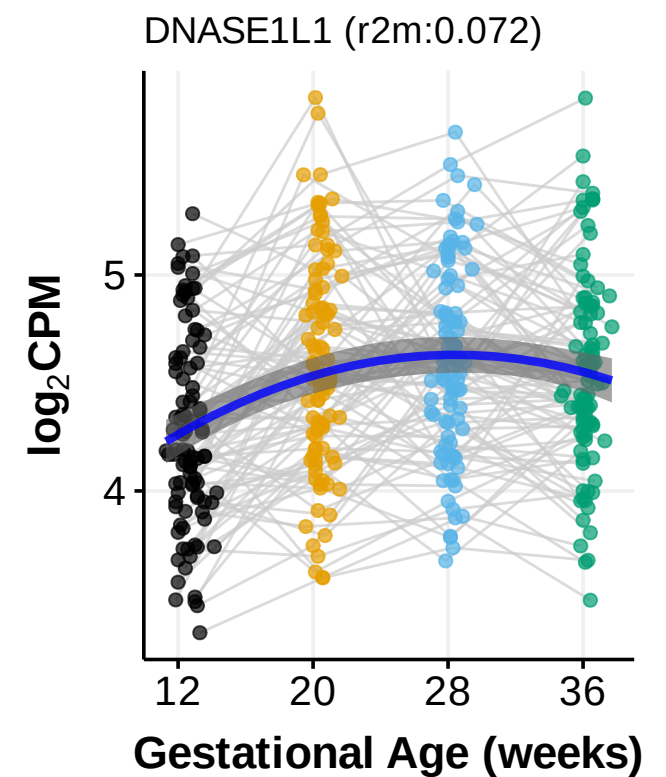
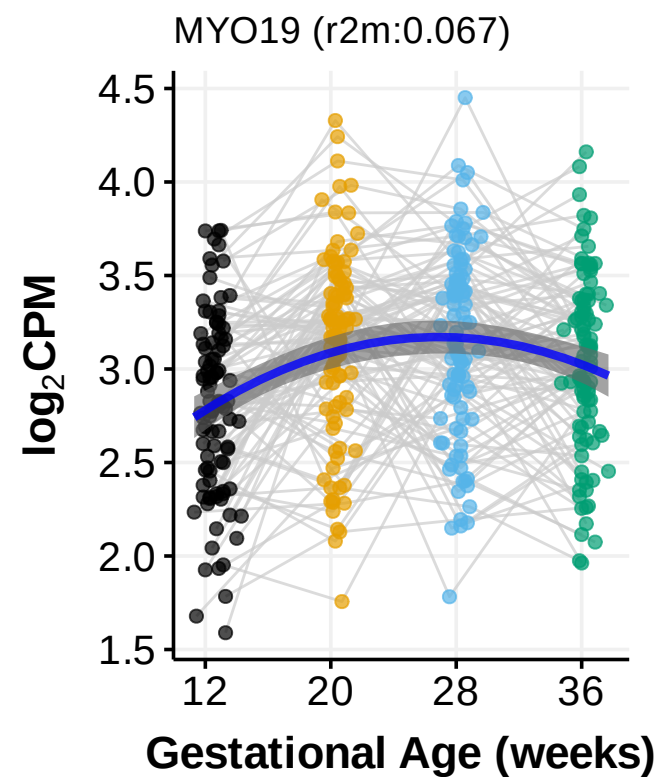
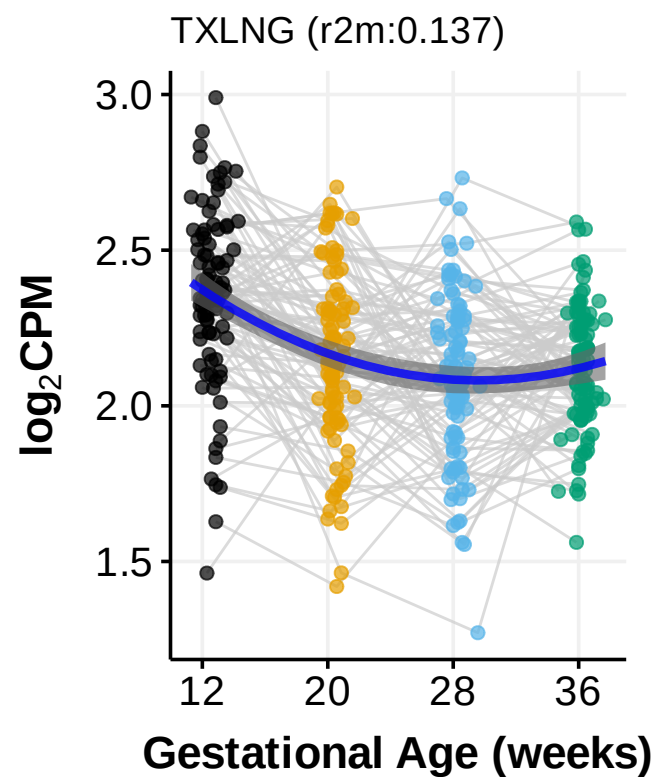
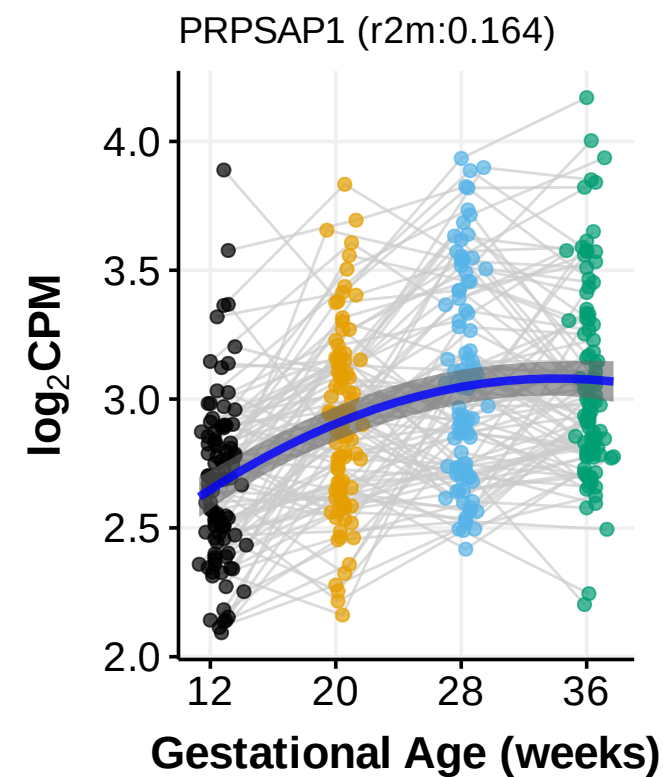
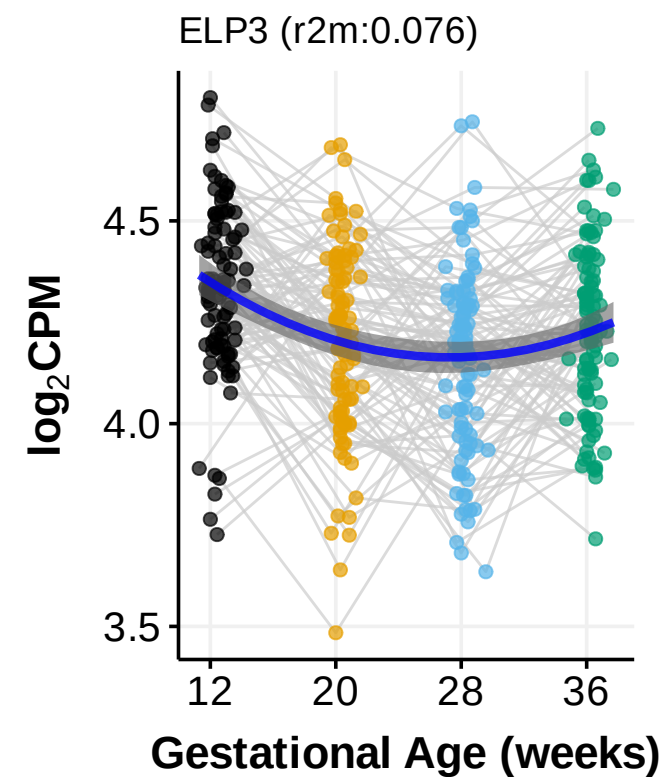
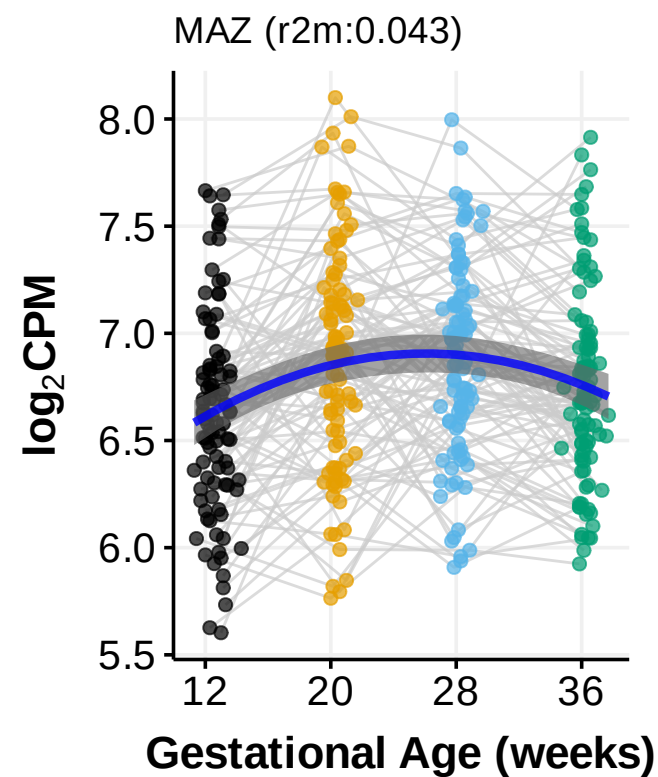
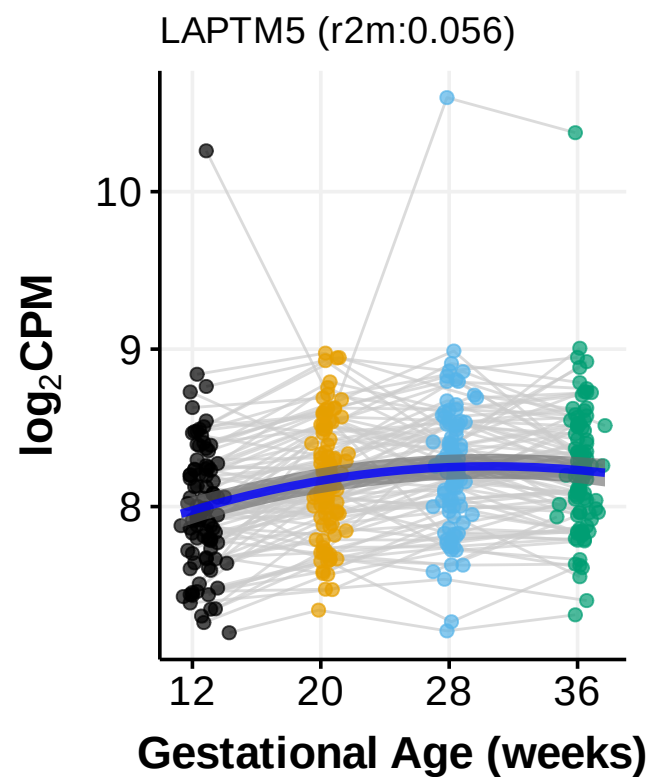
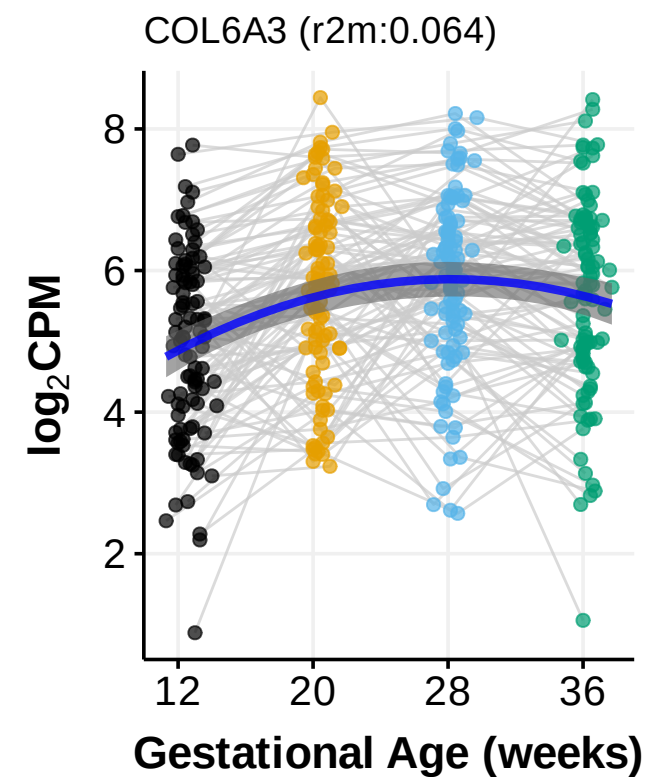


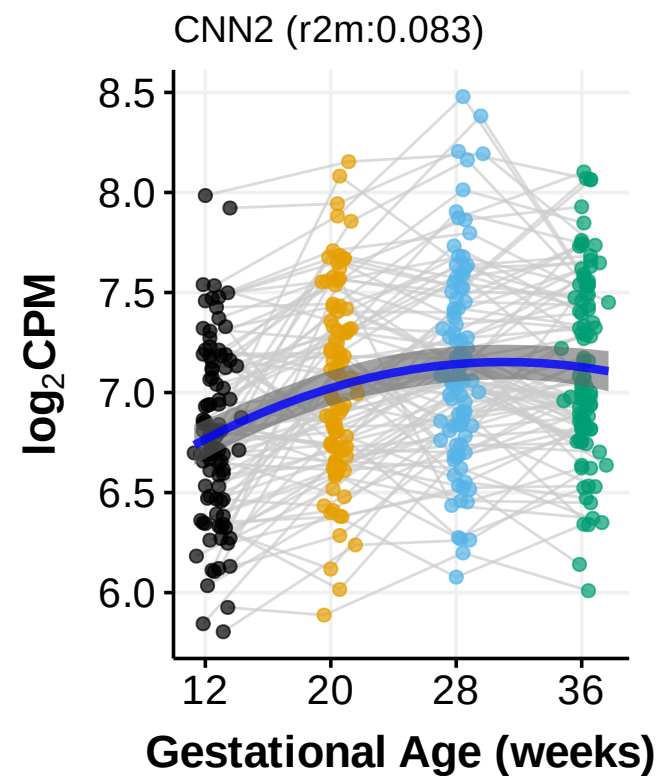
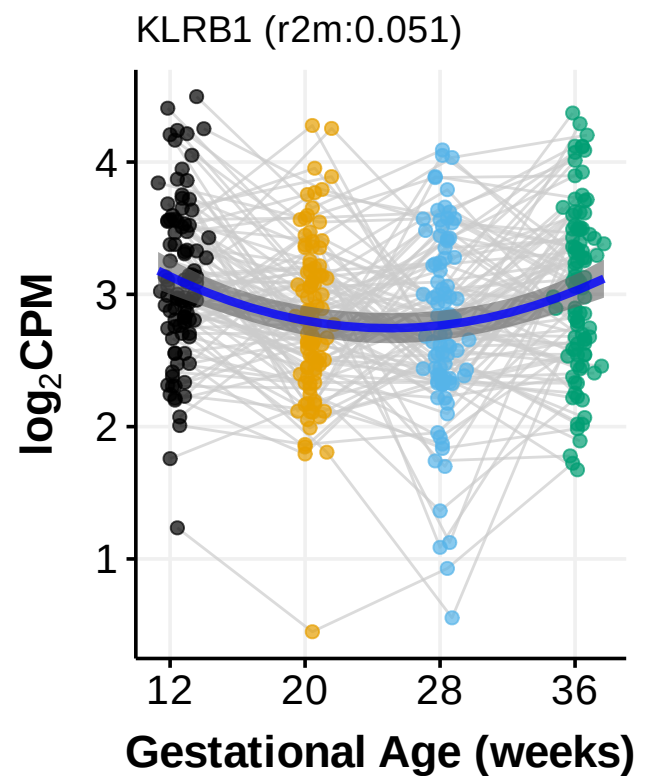
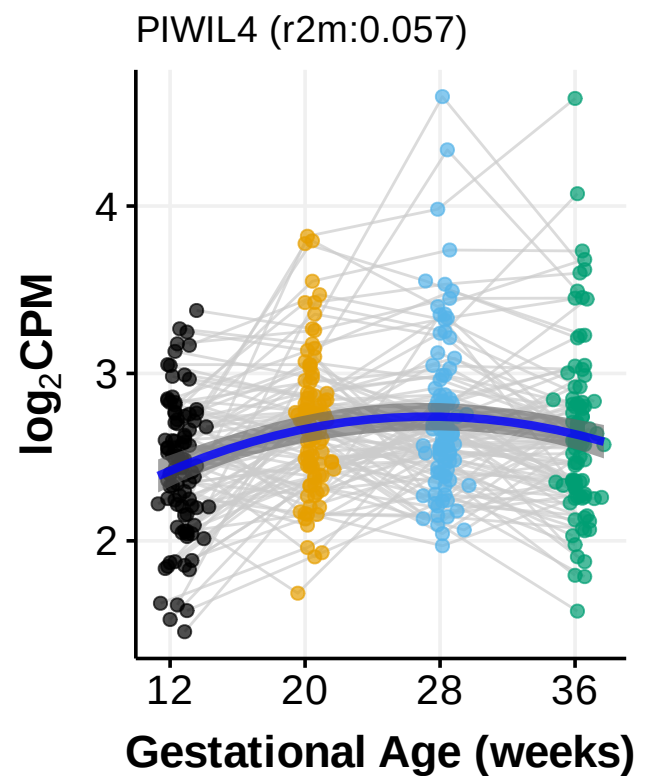
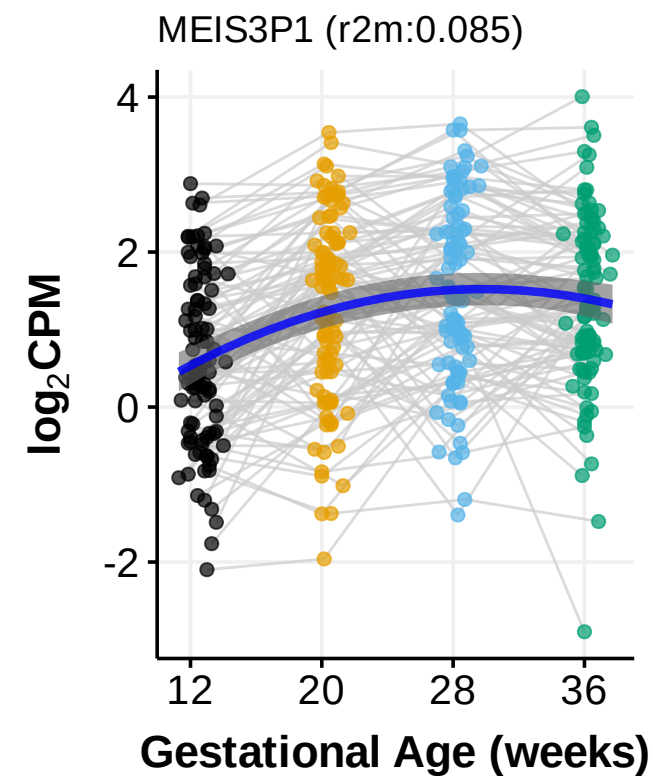
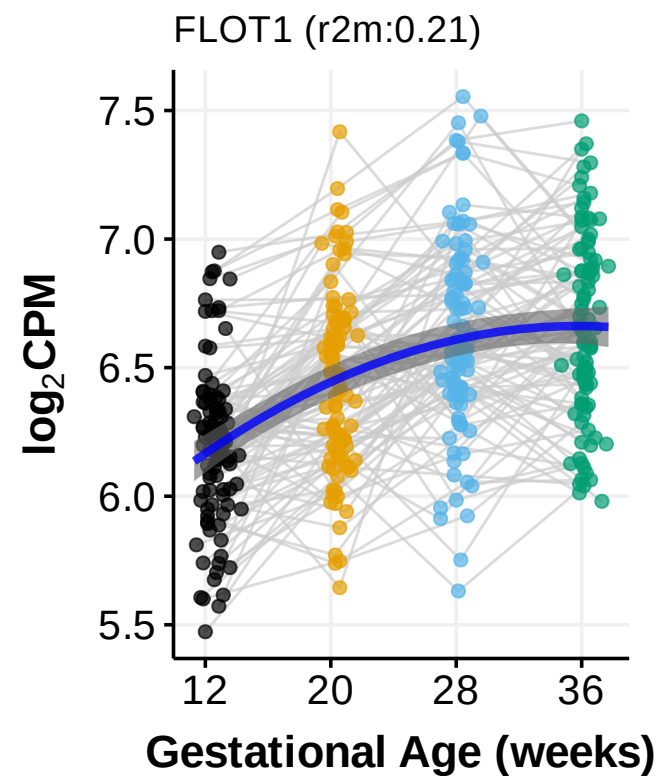
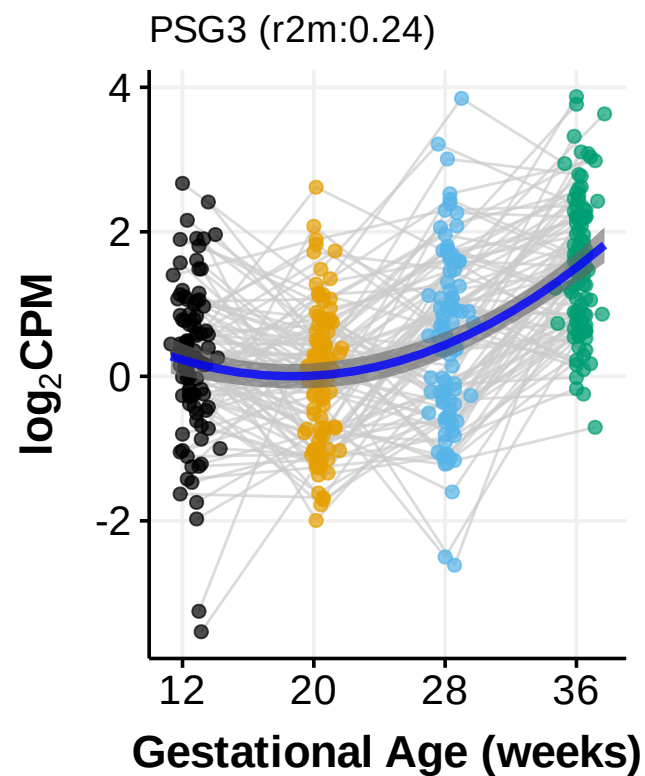
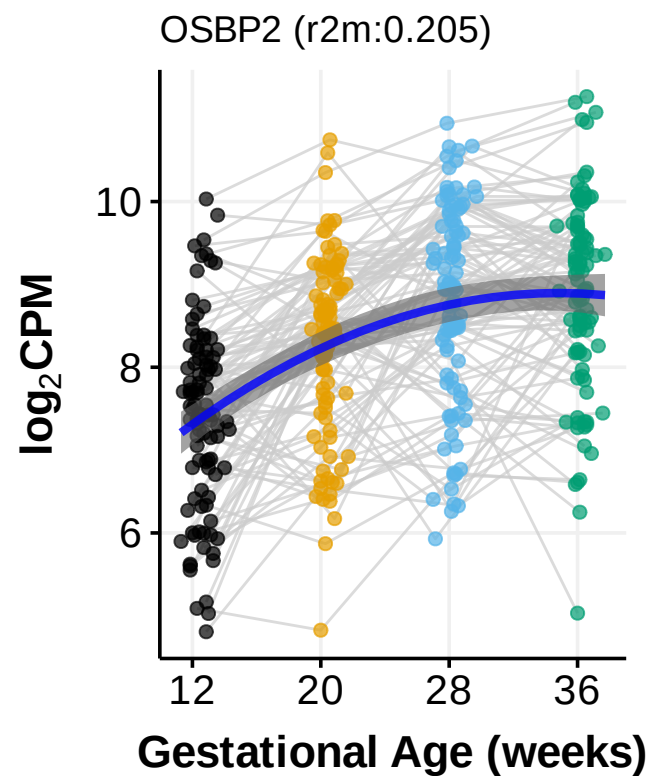
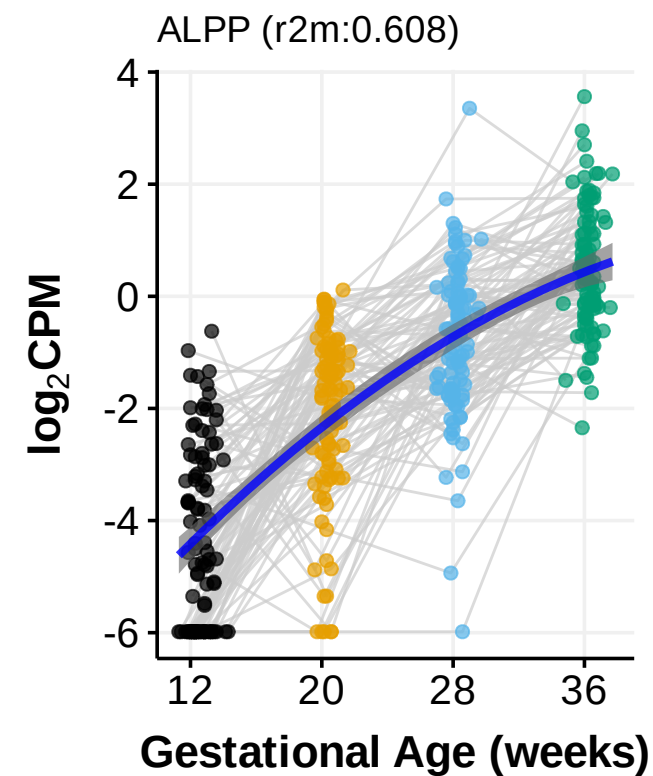


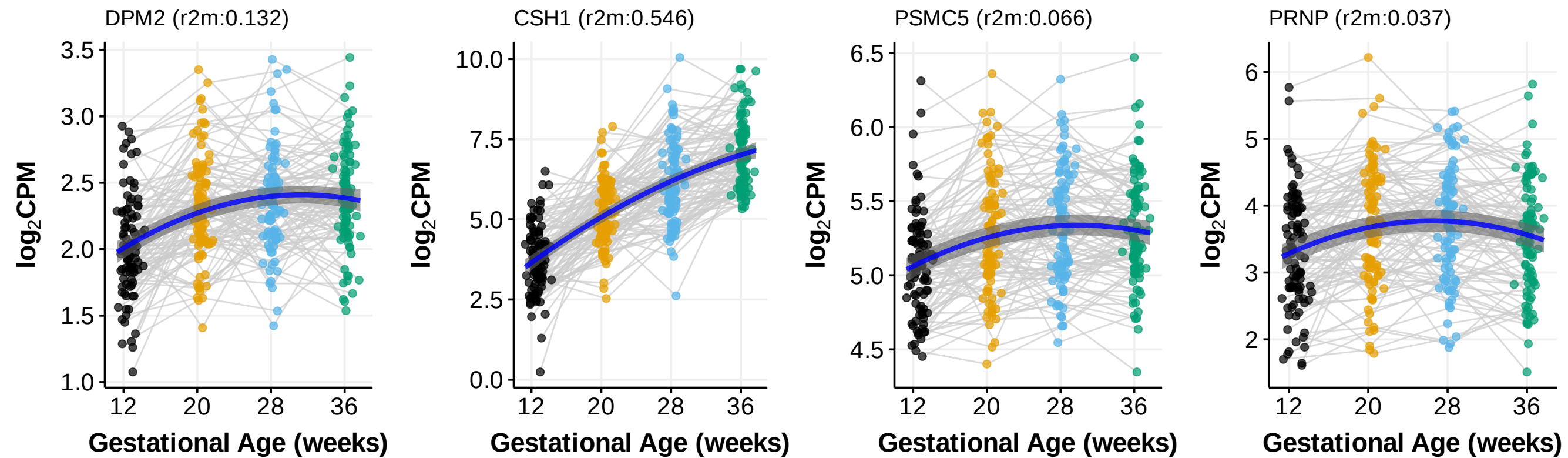
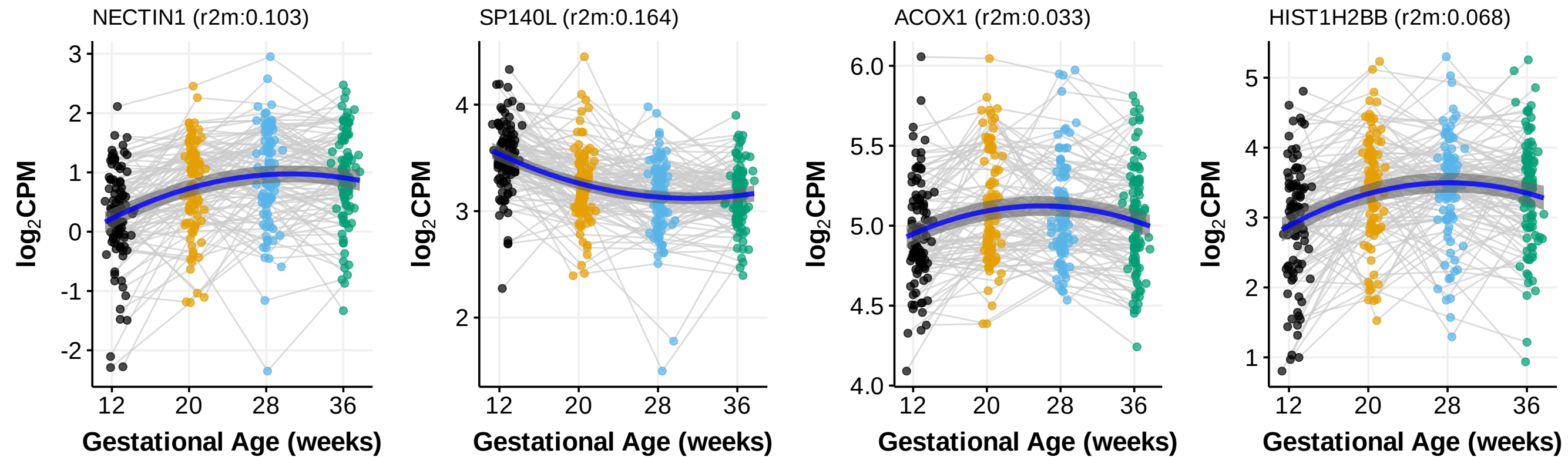


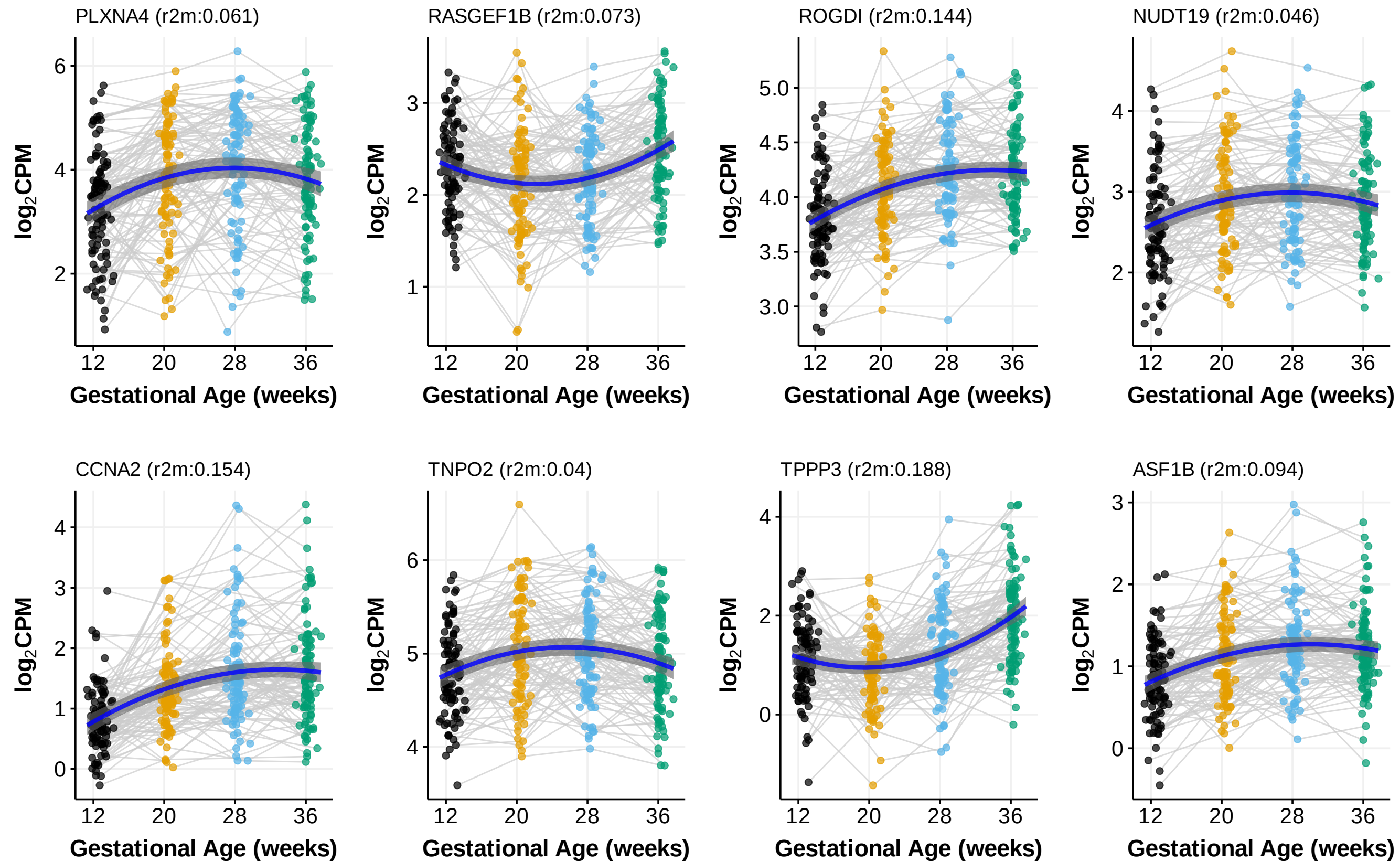


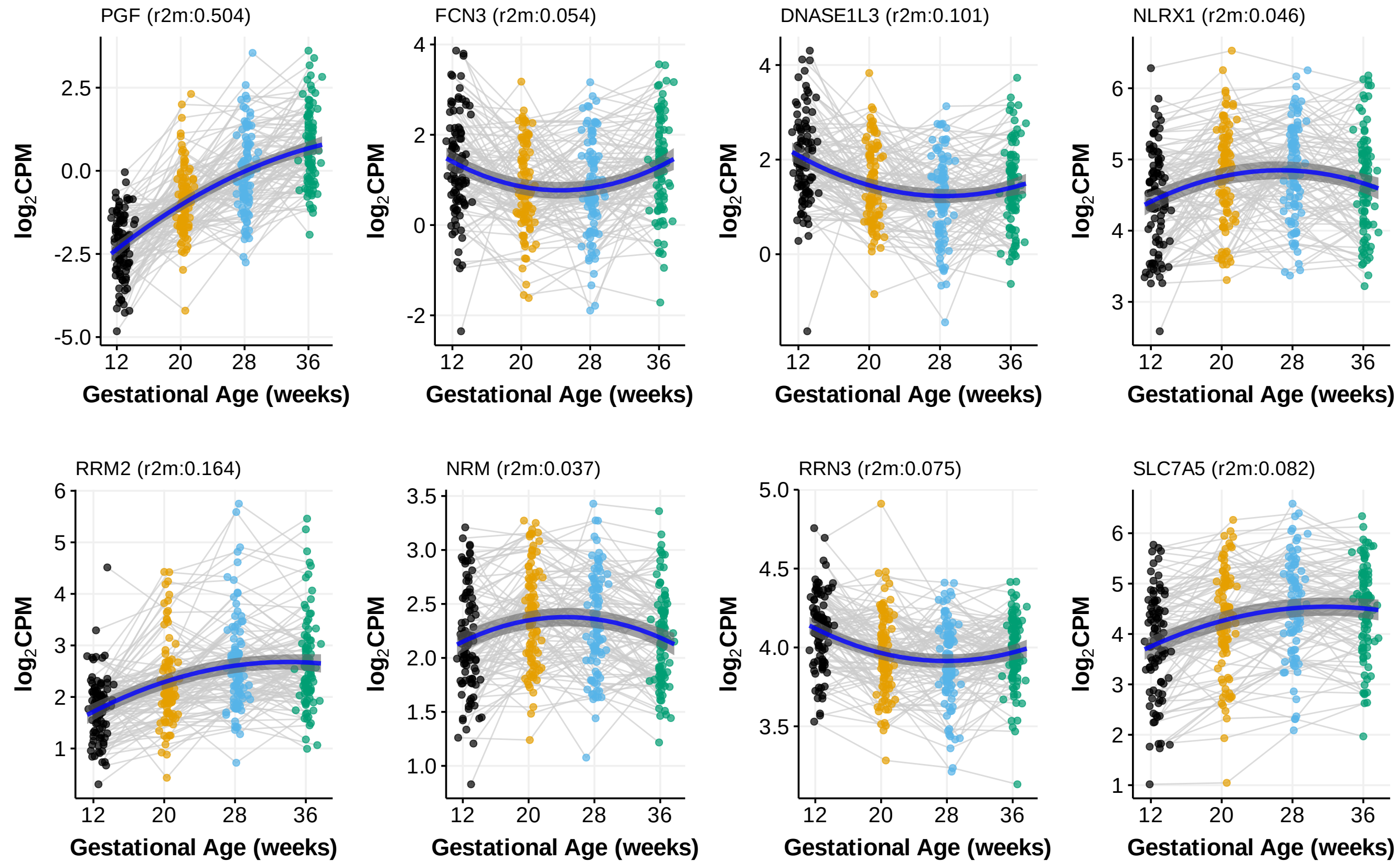


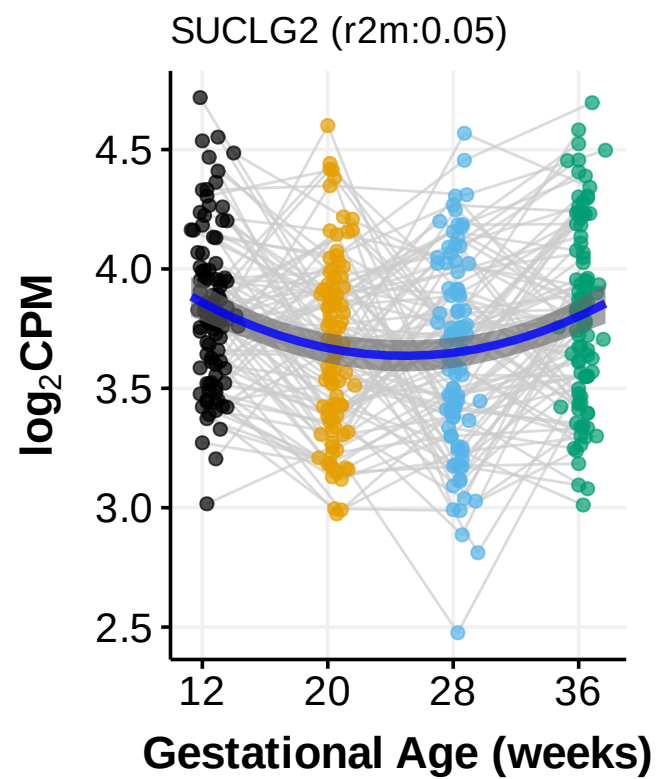
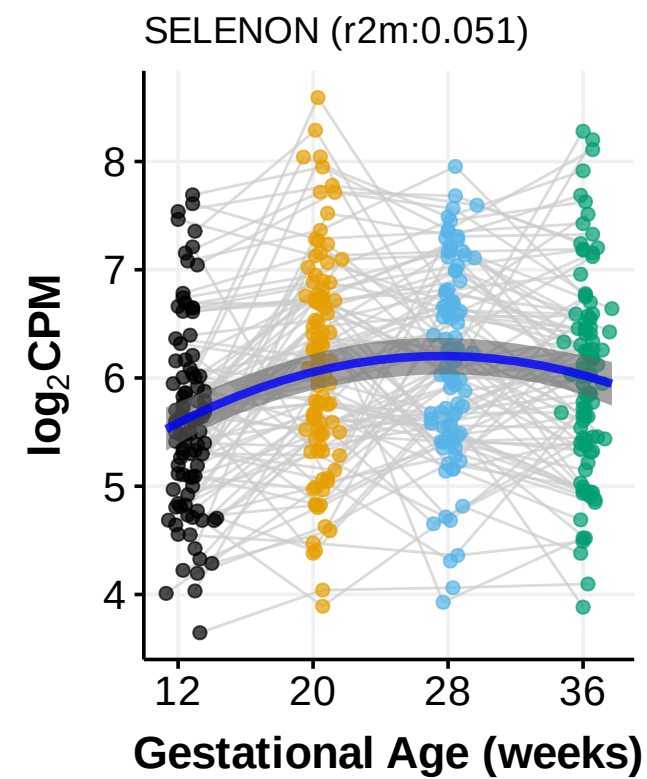
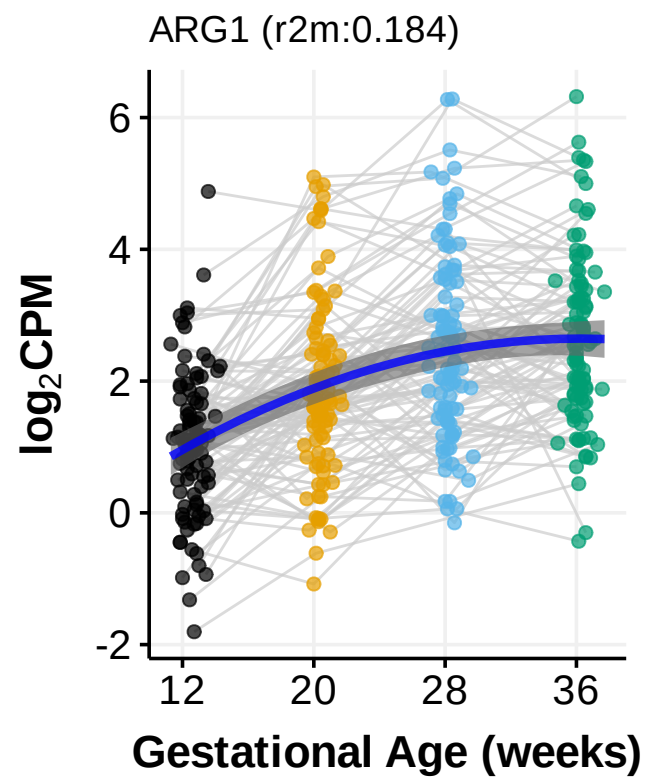
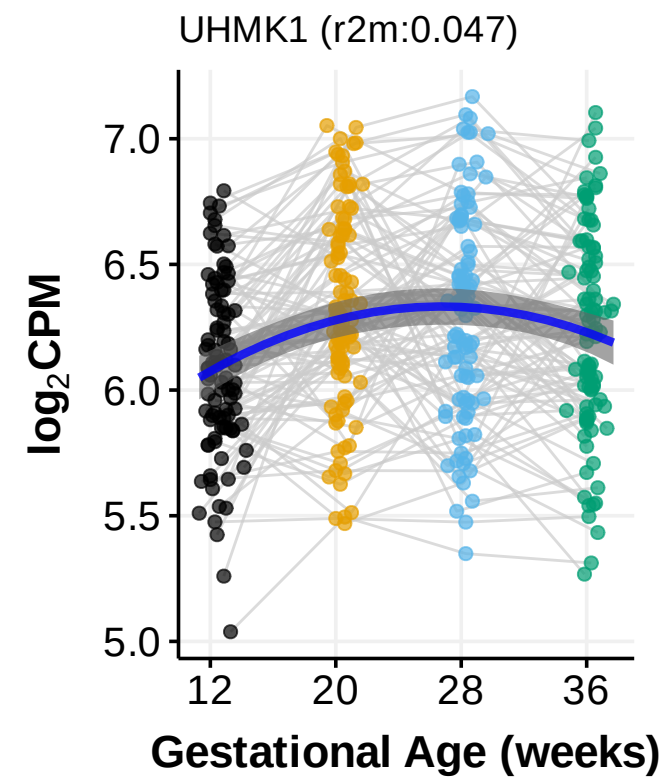












Supplementary Figure 6.
Top 100 cfRNAs
significantly decreasing
(negative coefficient)
by gestational age

