Variance partitioning: mixed vs fixed effects model (4) PMI (1) Age (2) Institution (7) RNA batch (10) Ancestry.3 (5) Dx (8) Ancestry.1 (11) Ancestry.4 (6) RIN (3) Gender (9) Ancestry.2 (12) Ancestry.5 ZDBF2 GRB10 KCNK9 SNORD116 -20 2 0.000.010.020.030.04 2 2 6 0.00 0.02 0.04 0.06 0000.0050.0100.01 0.08 1 0.04 12 6 11.1 **1**915⁰ 0.00 5349 1984 7 0.00 0.04 0.08 0.00 0.02 0.04 0.02 0.04 0.00 0.000 0.010 0.020 0.030 INPP5F RP13-487P22.1 **MEST ZNF331** 0.008 fractional variance: mixed effects (mixed.1) 6 0.10 0.15 0.15 5 0.000.050.100.15 0.10 10 0.004 9 0.05 0.05 12 0.000 0.00 0.00 **\$\$Q**17 0.08 0.00 0.05 0.10 0.15 0.000 0.005 0.010 0.015 0.08 0.00 0.04 0.00 0.04 0.12 hsa-mir-335 DIRAS3 PWRN1 IGF2 90 0.020 6 912 8 9 ö 0.04 0.04 2 0.010 5 11 0.010 0.02 0.02 10 1 8 10 4 4 1012 0.000 0.000 0.00 8 11 63 1232 25 5 0.00 0.01 0.02 0.03 0.00 0.05 0.10 0.15 0.00 0.02 0.04 0.06 0.000 0.010 0.020 NLRP2 UBE3A 0.000.050.100.150.20 5 8 0.010 10 0.000 192 532 0.05 0.02 0.10 0.15 0.00 0.04 0.00

fractional variance: fixed effects (unlm.Q)