trans eQTLs Chr 10 Gene Hotspot Principal Components (Interactive Covariate = Sex) 5 0 -5 -10 5 Sex 0 value -5 -10 5 0 -5 -10 12 18 6 Age

trans eQTLs Chr 11 Gene Hotspot Principal Components (Interactive Covariate = Sex) 5 0 PC1 -5 -10 5 0 Sex PC2 -5 -10 5 0 -5 -10

12

Age

6

18

value

trans eQTLs Chr 17 Gene Hotspot Principal Components (Interactive Covariate = Sex) -5 Sex -5 -5

Age

value

trans eQTLs Chr 19 Gene Hotspot Principal Components (Interactive Covariate = Sex) 5 0 -5 10 -5 Sex value -5 10 -5 0 -5 12 18 6 Age