ER+/HER2-: N = 1408ER+/HER2+: N = 110c-Kit|ILMN\_1790160 c-Kit|ILMN\_1790160 NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi [<=60] p = 0.096128 [<=60] p = 0.055234Age-dependent trend: No detectable trend: 16 16 [>60] p = 5.8386e-08 |FC|>2 and adjPval<0.01 [>60] p = 0.56146 |FC|<2 or adjPval>0.01 [AII] p = 4.1068e - 24[AII] p = 0.0160754 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis ER-/HER2+: N = 139ER-/HER2-: N = 335c-Kit|ILMN\_1790160 c-Kit|ILMN\_1790160 NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi [<=60] p = 0.25209No detectable trend: [<=60] p = 0.080788No detectable trend: 16 9 [>60] p = 0.28252 |FC|<2 or adjPval>0.01 [>60] p = 0.61836 |FC|<2 or adjPval>0.01 [AII] p = 0.088186[AII] p = 0.0097014 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 9 9

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100