ER+/HER2-: N = 1408ER+/HER2+: N = 110HER2|ILMN\_2352131 HER2|ILMN\_2352131 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.89204No detectable trend: [<=60] p = 0.10416No detectable trend: 16 16 [>60] p = 0.076127 [>60] p = 0.3869|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.95551[AII] p = 0.449094 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9 20 40 60 80 20 40 60 100 100 80 Age at diagnosis Age at diagnosis ER-/HER2+: N = 139ER-/HER2-: N = 335HER2|ILMN\_2352131 HER2|ILMN\_2352131 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.92815No detectable trend: [<=60] p = 0.73055No detectable trend: 16 16 [>60] p = 0.33451|FC|<4 or adjPval>0.01 [>60] p = 0.024851 |FC|<4 or adjPval>0.01 [AII] p = 0.0073531[AII] p = 0.056774 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$ 9 9

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100