ER+/HER2-: N = 1408ER+/HER2+: N = 110RUNX1|ILMN\_1730797 RUNX1|ILMN\_1730797 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.20189No detectable trend: [<=60] p = 0.25323No detectable trend: 16 16 [>60] p = 0.032104 |FC|<1.25 or adjPval>0.01 [>60] p = 0.67191 |FC|<1.25 or adjPval>0.01 [AII] p = 0.0067613[AII] p = 0.613734 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 = 335ER-/HER2+: N = 139RUNX1|ILMN\_1730797 RUNX1|ILMN\_1730797 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.19542No detectable trend: [<=60] p = 0.64945No detectable trend: 16 16 [>60] p = 0.67978|FC|<1.25 or adjPval>0.01 [>60] p = 0.95923 |FC|<1.25 or adjPval>0.01 [AII] p = 0.24984[All] p = 0.623264 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10

ω

9

20

40

60

Age at diagnosis

80

100

ω

9

20

40

60

Age at diagnosis

80

100