ER+/HER2-: N = 1408ER+/HER2+: N = 110p18INK4C|ILMN\_1656415 p18INK4C|ILMN\_1656415 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.07229Age-dependent trend: [<=60] p = 0.077031No detectable trend: 16 16 [>60] p = 0.0072641 [>60] p = 0.024817 |FC|>1.25 and adjPval<0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 3.162e - 13[AII] p = 0.00120494 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis ER-/HER2+: N = 139ER-/HER2-: N = 335p18INK4C|ILMN\_1656415 p18INK4C|ILMN\_1656415 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.52186No detectable trend: [<=60] p = 0.88012No detectable trend: 16 16 [>60] p = 0.86551|FC|<1.25 or adjPval>0.01 [>60] p = 0.67381 |FC|<1.25 or adjPval>0.01 [All] p = 0.35379[AII] p = 0.974264 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10

 $\infty$ 

9

20

40

60

Age at diagnosis

80

100

 $\infty$ 

9

20

40

80

60

Age at diagnosis

100