ER+/HER2-: N = 1408ER+/HER2+: N = 110ARID1B|ILMN\_1660433 ARID1B|ILMN\_1660433 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.38682No detectable trend: [<=60] p = 0.99017No detectable trend: 16 16 [>60] p = 0.67047|FC|<4 or adjPval>0.01 [>60] p = 0.32118 |FC|<4 or adjPval>0.01 [AII] p = 0.79556[AII] p = 0.36194 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 = 335ARID1B|ILMN\_1660433 ARID1B|ILMN\_1660433 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.53542[<=60] p = 0.86664No detectable trend: No detectable trend: 16 16 [>60] p = 0.074577 [>60] p = 0.1164 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.9467[AII] p = 0.172514 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 

9

20

40

60

Age at diagnosis

80

100

9

20

40

60

Age at diagnosis

80

100