ER+/HER2-: N = 1408ER+/HER2+: N = 110AKT1|ILMN\_2388507 AKT1|ILMN\_2388507 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.73265No detectable trend: [<=60] p = 0.86152No detectable trend: 16 16 [>60] p = 0.084454 |FC|<2 or adjPval>0.01 [>60] p = 0.81634 |FC|<2 or adjPval>0.01 [AII] p = 0.94038[All] p = 0.884674 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9 20 40 60 80 20 40 60 80 100 100 Age at diagnosis Age at diagnosis ER-/HER2+: N = 139ER-/HER2-: N = 335AKT1|ILMN\_2388507 AKT1|ILMN\_2388507 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.77093No detectable trend: [<=60] p = 0.043054No detectable trend: 16 16 [>60] p = 0.73583 |FC|<2 or adjPval>0.01 [>60] p = 0.39088 |FC|<2 or adjPval>0.01 [All] p = 0.28915[AII] p = 0.00768134 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω

9

20

40

60

Age at diagnosis

80

100

9

20

40

60

Age at diagnosis

80

100