SMAD2|ILMN_1771203 SMAD2|ILMN_1771203 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.45452No detectable trend: [<=60] p = 0.45441No detectable trend: 16 16 [>60] p = 0.034256 [>60] p = 0.76251 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.20477[AII] p = 0.383384 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ∞ 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis ER-/HER2-: N = 335ER-/HER2+: N = 139SMAD2|ILMN_1771203 SMAD2|ILMN_1771203 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.89548No detectable trend: [<=60] p = 0.67071No detectable trend: 16 16 [>60] p = 0.87525 [>60] p = 0.44576|FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.5695[AII] p = 0.98434 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ∞

9

20

40

60

Age at diagnosis

80

100

ER+/HER2+: N = 110

ER+/HER2-: N = 1408

20

40

60

Age at diagnosis

80

100