SMAD2|ILMN_1754521 SMAD2|ILMN_1754521 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.44572No detectable trend: [<=60] p = 0.20964No detectable trend: 16 16 [>60] p = 0.028534[>60] p = 0.75094|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.0062054[AII] p = 0.597924 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 = 139SMAD2|ILMN_1754521 SMAD2|ILMN_1754521 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.096611No detectable trend: [<=60] p = 0.22702No detectable trend: 16 16 [>60] p = 0.15503 [>60] p = 0.16641 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.0039348[AII] p = 0.322614 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 = 1408

ω

9

20

40

60

Age at diagnosis

80

100

ER+/HER2+: N = 110