SMAD2|ILMN\_1751036 SMAD2|ILMN\_1751036 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.043485No detectable trend: [<=60] p = 0.49088No detectable trend: 16 16 [>60] p = 0.12738|FC|<2 or adjPval>0.01 [>60] p = 0.98906 |FC|<2 or adjPval>0.01 [AII] p = 0.19465[AII] p = 0.0447844 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\_1751036 SMAD2|ILMN\_1751036 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.77427No detectable trend: [<=60] p = 0.88193No detectable trend: 16 16 [>60] p = 0.45831 [>60] p = 0.83059|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.61276[All] p = 0.235924 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