SMAD1|ILMN\_1705392 SMAD1|ILMN\_1705392 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.21759No detectable trend: [<=60] p = 0.88901No detectable trend: 16 16 [>60] p = 0.040879 [>60] p = 0.2787|FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.0094707[AII] p = 0.584754 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 = 139SMAD1|ILMN\_1705392 SMAD1|ILMN\_1705392 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.27986No detectable trend: [<=60] p = 0.99248No detectable trend: 16 16 [>60] p = 0.0034692 [>60] p = 0.035289 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.33069[All] p = 0.123744 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

ω

9

20

40

60

Age at diagnosis

80

100