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 = 0.54042No detectable trend: [<=60] p = 0.38925No detectable trend: 16 16 [>60] p = 0.0041629 [>60] p = 0.87288|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.088539[AII] p = 0.127914 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 **PAM50 Basal: N = 331** PAM50 Her2: N = 240SMAD1|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 = 0.42541No detectable trend: [<=60] p = 0.49255No detectable trend: 16 16 [>60] p = 0.72058|FC|<2 or adjPval>0.01 [>60] p = 0.012959 |FC|<2 or adjPval>0.01 [AII] p = 0.84222[AII] p = 0.110764 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω

9

20

40

60

Age at diagnosis

80

100

PAM50 LumB: N = 492

PAM50 LumA: N = 721

9

20

40

60

Age at diagnosis

80

100

PAM50 Normal: N = 202 SMAD1|ILMN_1705392

NKI Tier 1: ER binding; Tier 2: ER binding

