SMAD1|ILMN_1670540 SMAD1|ILMN_1670540 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.71419No detectable trend: [<=60] p = 0.4775No detectable trend: 16 16 [>60] p = 0.12704[>60] p = 0.55738|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [All] p = 0.16158[AII] p = 0.551994 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ∞ 9 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis PAM50 Her2: N = 240**PAM50** Basal: **N** = 331 SMAD1|ILMN_1670540 SMAD1|ILMN_1670540 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.18611No detectable trend: [<=60] p = 0.0046733No detectable trend: 16 16 [>60] p = 0.038373[>60] p = 0.49582|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.79182[All] p = 0.157584 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ∞ 9

PAM50 LumB: N = 492

PAM50 LumA: N = 721

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100

PAM50 Normal: N = 202 SMAD1|ILMN_1670540

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

