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 = 0.65086[<=60] p = 0.25019No detectable trend: No detectable trend: 16 16 [>60] p = 0.0287|FC|<4 or adjPval>0.01 [>60] p = 0.41944 |FC|<4 or adjPval>0.01 [AII] p = 0.18965[AII] p = 0.0998654 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 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 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 = 0.1669No detectable trend: [<=60] p = 0.77232No detectable trend: 16 16 [>60] p = 0.35309 [>60] p = 0.30067|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.21885[AII] p = 0.64334 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 

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 SMAD2|ILMN\_1754521

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

