**PAM50 LumB: N = 492 PAM50 LumA: N = 721** AXIN1|ILMN\_1692967 AXIN1|ILMN\_1692967 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.73357No detectable trend: [<=60] p = 0.67351No detectable trend: 16 16 [>60] p = 0.20241 |FC|<4 or adjPval>0.01 [>60] p = 0.065309 |FC|<4 or adjPval>0.01 [AII] p = 0.0036928[AII] p = 0.0134944 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** AXIN1|ILMN\_1692967 AXIN1|ILMN\_1692967 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.99316No detectable trend: [<=60] p = 0.39738No detectable trend: 16 16 [>60] p = 0.82456|FC|<4 or adjPval>0.01 [>60] p = 0.44154 |FC|<4 or adjPval>0.01 [AII] p = 0.66388[AII] p = 0.596264 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 Normal: N = 202 AXIN1|ILMN\_1692967

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

