**PAM50 LumA: N = 721 PAM50 LumB: N = 492** SCMH1|ILMN\_1714738 SCMH1|ILMN\_1714738 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.71081No detectable trend: [<=60] p = 0.43313No detectable trend: 16 16 [>60] p = 0.09517|FC|<2 or adjPval>0.01 [>60] p = 0.0099609 |FC|<2 or adjPval>0.01 [AII] p = 0.15379[AII] p = 0.225274 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis **PAM50 Basal: N = 331** PAM50 Her2: N = 240SCMH1|ILMN\_1714738 SCMH1|ILMN\_1714738 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.034813No detectable trend: [<=60] p = 0.60925No detectable trend: 16 16 [>60] p = 0.5265 |FC|<2 or adjPval>0.01 [>60] p = 0.29781 |FC|<2 or adjPval>0.01 [All] p = 0.17493[AII] p = 0.987164 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 9 20 40 80 100 20 40 60 80 100 60

Age at diagnosis

Age at diagnosis

PAM50 Normal: N = 202 SCMH1|ILMN\_1714738

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

