**PAM50 LumA: N = 721 PAM50 LumB: N = 492** SFMBT2|ILMN\_1660125 SFMBT2|ILMN\_1660125 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.13346No detectable trend: [<=60] p = 0.047455No detectable trend: 16 16 [>60] p = 0.26924 |FC|<4 or adjPval>0.01 [>60] p = 0.035558 |FC|<4 or adjPval>0.01 [AII] p = 1.4563e - 05[AII] p = 1.9912e - 054 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 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 SFMBT2|ILMN\_1660125 SFMBT2|ILMN\_1660125 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.22034No detectable trend: [<=60] p = 0.012329No detectable trend: 16 16 [>60] p = 0.58413|FC|<4 or adjPval>0.01 [>60] p = 0.96723 |FC|<4 or adjPval>0.01 [AII] p = 0.30842[AII] p = 0.0885644 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10

 $\infty$ 

9

20

40

60

Age at diagnosis

80

100

 $\infty$ 

9

20

40

60

Age at diagnosis

80

100

PAM50 Normal: N = 202 SFMBT2|ILMN\_1660125

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

