**PAM50 LumA: N = 721 PAM50 LumB: N = 492** DSC2|ILMN\_1663119 DSC2|ILMN\_1663119 NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi [<=60] p = 0.12492 [<=60] p = 0.0028304No detectable trend: No detectable trend: 16 16 [>60] p = 0.00016787 [>60] p = 0.24333|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 1.184e-05[AII] p = 3.4065e - 194 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω 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** DSC2|ILMN\_1663119 DSC2|ILMN\_1663119 NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi [<=60] p = 0.97456[<=60] p = 0.021762No detectable trend: No detectable trend: 16 9 [>60] p = 0.79653[>60] p = 0.0857 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.0019554[AII] p = 0.0372344 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 9 9

20

40

80

60

Age at diagnosis

100

20

40

60

Age at diagnosis

80

100

PAM50 Normal: N = 202 DSC2|ILMN\_1663119

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

