**PAM50 LumA: N = 721** PAM50 LumB: N = 492CDC25(C)|ILMN\_1725260 CDC25(C)|ILMN\_1725260 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.51565[<=60] p = 0.022021 No detectable trend: No detectable trend: 16 16 [>60] p = 0.42096 |FC|<4 or adjPval>0.01 [>60] p = 0.91242 |FC|<4 or adjPval>0.01 [AII] p = 0.70889[All] p = 0.561144 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 Her2: N = 240 **PAM50 Basal: N = 331** CDC25(C)|ILMN\_1725260 CDC25(C)|ILMN\_1725260 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.95883No detectable trend: [<=60] p = 0.46217No detectable trend: 16 9 [>60] p = 0.88052 |FC|<4 or adjPval>0.01 [>60] p = 0.26099 |FC|<4 or adjPval>0.01 [AII] p = 0.66977[All] p = 0.213714 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$ ω 9

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100

**PAM50 Normal: N = 202** 

CDC25(C)|ILMN\_1725260
NKI Tier 1: non-ER binding; Tier 2: ER binding

