**PAM50 LumA: N = 721** PAM50 LumB: N = 492CDC25(C)|ILMN\_2294431 CDC25(C)|ILMN\_2294431 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.020935 [<=60] p = 0.040782No detectable trend: No detectable trend: 16 16 [>60] p = 0.60708 |FC|<2 or adjPval>0.01 [>60] p = 0.74665 |FC|<2 or adjPval>0.01 [AII] p = 0.19455[AII] p = 0.985554 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\_2294431 CDC25(C)|ILMN\_2294431 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.53308No detectable trend: [<=60] p = 0.94846No detectable trend: 16 16 [>60] p = 0.76066 |FC|<2 or adjPval>0.01 [>60] p = 0.37169 |FC|<2 or adjPval>0.01 [All] p = 0.39146[AII] p = 0.57564 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$ ω 9 20 40 80 100 20 40 60 80 100 60

Age at diagnosis

Age at diagnosis

**PAM50 Normal: N = 202** 

CDC25(C)|ILMN\_2294431
NKI Tier 1: non-ER binding; Tier 2: ER binding

