**PAM50 LumA: N = 721 PAM50 LumB: N = 492** AKT1|ILMN\_2388507 AKT1|ILMN\_2388507 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.58093No detectable trend: [<=60] p = 0.59889No detectable trend: 16 16 [>60] p = 0.40316 |FC|<2 or adjPval>0.01 [>60] p = 0.73499 |FC|<2 or adjPval>0.01 [AII] p = 0.70991[AII] p = 0.445344 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9 20 40 60 80 20 40 60 80 100 100 Age at diagnosis Age at diagnosis PAM50 Her2: N = 240 **PAM50 Basal: N = 331** AKT1|ILMN\_2388507 AKT1|ILMN\_2388507 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.75506No detectable trend: [<=60] p = 0.019134No detectable trend: 16 16 [>60] p = 0.10591 [>60] p = 0.93694 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [All] p = 0.78414[AII] p = 0.219864 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 

9

20

40

60

Age at diagnosis

80

100

9

20

40

60

Age at diagnosis

80

100

## PAM50 Normal: N = 202 AKT1|ILMN\_2388507

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

