**PAM50 LumA: N = 721 PAM50 LumB: N = 492** AKT1|ILMN\_2410909 AKT1|ILMN\_2410909 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.4228No detectable trend: [<=60] p = 0.47887No detectable trend: 16 16 [>60] p = 0.12408 |FC|<1.25 or adjPval>0.01 [>60] p = 0.92506 |FC|<1.25 or adjPval>0.01 [AII] p = 0.39885[AII] p = 0.800014 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 Basal: N = 331** PAM50 Her2: N = 240AKT1|ILMN\_2410909 AKT1|ILMN\_2410909 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.57003No detectable trend: [<=60] p = 0.031984No detectable trend: 16 16 [>60] p = 0.41378 |FC|<1.25 or adjPval>0.01 [>60] p = 0.08611 |FC|<1.25 or adjPval>0.01 [All] p = 0.71296[All] p = 0.261654 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9 20 40 80 100 20 40 60 80 100 60

Age at diagnosis

Age at diagnosis

## PAM50 Normal: N = 202 AKT1|ILMN\_2410909

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

