Mdm2|ILMN\_1736829 Mdm2|ILMN\_1736829 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.12105No detectable trend: [<=60] p = 0.74463No detectable trend: 16 16 [>60] p = 0.0098714 [>60] p = 0.61111 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.00041576[AII] p = 0.338094 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 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** Mdm2|ILMN\_1736829 Mdm2|ILMN\_1736829 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.53274No detectable trend: [<=60] p = 0.55624No detectable trend: 16 16 [>60] p = 0.84795[>60] p = 0.89935|FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [All] p = 0.091154[AII] p = 0.326514 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 

9

20

40

60

Age at diagnosis

80

100

**PAM50 LumB: N = 492** 

**PAM50 LumA: N = 721** 

9

20

40

60

Age at diagnosis

80

100

PAM50 Normal: N = 202 Mdm2|ILMN\_1736829

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

