Mdm2|ILMN\_1814208 Mdm2|ILMN\_1814208 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.66153No detectable trend: [<=60] p = 0.43682No detectable trend: 16 16 [>60] p = 0.0033681[>60] p = 0.86451 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.10342[AII] p = 0.488114 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\_1814208 Mdm2|ILMN\_1814208 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.3134No detectable trend: [<=60] p = 0.74612No detectable trend: 16 16 [>60] p = 0.37682|FC|<1.25 or adjPval>0.01 [>60] p = 0.99918 |FC|<1.25 or adjPval>0.01 [AII] p = 0.070807[AII] p = 0.760944 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 9 9

**PAM50 LumB: N = 492** 

**PAM50 LumA: N = 721** 

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100

PAM50 Normal: N = 202 Mdm2|ILMN\_1814208

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

