HEY1|ILMN\_2407308 HEY1|ILMN\_2407308 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.33427[<=60] p = 0.96141No detectable trend: No detectable trend: 16 16 [>60] p = 0.71922 [>60] p = 0.34331 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.91501[AII] p = 0.829724 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** HEY1|ILMN\_2407308 HEY1|ILMN\_2407308 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.80661No detectable trend: [<=60] p = 0.78092No detectable trend: 16 16 [>60] p = 0.60403[>60] p = 0.45518 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [All] p = 0.38357[All] p = 0.379344 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 

9

20

40

60

Age at diagnosis

80

100

**PAM50 LumA: N = 721** 

9

20

40

60

Age at diagnosis

80

100

**PAM50 LumB: N = 492** 

PAM50 Normal: N = 202 HEY1|ILMN\_2407308

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

