**PAM50 LumA: N = 721 PAM50 LumB: N = 492** PRRT3|ILMN\_1784985 (non-ER binding) PRRT3|ILMN\_1784985 (non-ER binding) [<=60] p = 0.01179 No detectable trend: [<=60] p = 0.013634No detectable trend: 16 16 [>60] p = 0.29435[>60] p = 0.0080386 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 3.595e - 14[AII] p = 5.2282e - 104 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 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** PRRT3|ILMN\_1784985 (non-ER binding) PRRT3|ILMN\_1784985 (non-ER binding) [<=60] p = 0.021802No detectable trend: [<=60] p = 0.052012No detectable trend: 16 16 [>60] p = 0.21624 [>60] p = 0.13434 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.20652[AII] p = 0.0104144 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 9 9 20 40 60 80 100 20 40 60 80 100

Age at diagnosis

Age at diagnosis

## PAM50 Normal: N = 202 PRRT3|ILMN\_1784985 (non-ER binding)

