**PAM50 LumA: N = 721 PAM50 LumB: N = 492** Cyclin B1|ILMN\_1712803 (non-ER binding) Cyclin B1|ILMN\_1712803 (non-ER binding) [<=60] p = 0.00010698No detectable trend: [<=60] p = 0.56776No detectable trend: 16 16 [>60] p = 0.049415 [>60] p = 0.12163 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.012324[AII] p = 0.148074 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** Cyclin B1|ILMN\_1712803 (non-ER binding) Cyclin B1|ILMN\_1712803 (non-ER binding) [<=60] p = 0.60588No detectable trend: [<=60] p = 0.1325No detectable trend: 16 16 [>60] p = 0.59207 |FC|<4 or adjPval>0.01 [>60] p = 0.59767|FC|<4 or adjPval>0.01 [All] p = 0.16354[AII] p = 0.393964 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 Cyclin B1|ILMN\_1712803 (non-ER binding)

