**PAM50 LumA: N = 721 PAM50 LumB: N = 492** Cyclin E1|ILMN\_1795852 (non-ER binding) Cyclin E1|ILMN\_1795852 (non-ER binding) [<=60] p = 0.18566No detectable trend: [<=60] p = 0.73764No detectable trend: 16 16 [>60] p = 0.16504 [>60] p = 0.73485|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.2667[AII] p = 0.969944 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 E1|ILMN\_1795852 (non-ER binding) Cyclin E1|ILMN\_1795852 (non-ER binding) [<=60] p = 0.12138No detectable trend: [<=60] p = 0.29584No detectable trend: 16 16 |FC|<4 or adjPval>0.01 [>60] p = 0.57528 [>60] p = 0.51888 |FC|<4 or adjPval>0.01 [AII] p = 0.18959[All] p = 0.217954 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 E1|ILMN\_1795852 (non-ER binding)

