iClust 1: N = 140 iClust 2: N = 72 Cyclin B1|ILMN\_1712803 (non-ER binding) Cyclin B1|ILMN\_1712803 (non-ER binding) [<=60] p = 0.095106No detectable trend: [<=60] p = 0.096895No detectable trend: 16 16 [>60] p = 0.28993 [>60] p = 0.088001 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.55846[AII] p = 0.488284 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 iClust 3: N = 294 iClust 4: N = 344 Cyclin B1|ILMN\_1712803 (non-ER binding) Cyclin B1|ILMN\_1712803 (non-ER binding) [<=60] p = 0.14394No detectable trend: [<=60] p = 0.10519No detectable trend: 16 16 [>60] p = 0.37918|FC|<2 or adjPval>0.01 [>60] p = 0.11681 |FC|<2 or adjPval>0.01 [AII] p = 0.95102[All] p = 0.865314 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

iClust 5: N = 191 iClust 6: N = 86 Cyclin B1|ILMN\_1712803 (non-ER binding) Cyclin B1|ILMN\_1712803 (non-ER binding) [<=60] p = 0.78934No detectable trend: [<=60] p = 0.97382No detectable trend: 16 16 [>60] p = 0.33539[>60] p = 0.97721 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.2865[AII] p = 0.875824 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 iClust 7: N = 193 iClust 8: N = 300 Cyclin B1|ILMN\_1712803 (non-ER binding) Cyclin B1|ILMN\_1712803 (non-ER binding) [<=60] p = 0.84995[<=60] p = 0.22118No detectable trend: No detectable trend: 16 16 [>60] p = 0.52588|FC|<2 or adjPval>0.01 [>60] p = 0.061339 |FC|<2 or adjPval>0.01 [All] p = 0.35291[AII] p = 0.933894 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

iClust 9: N = 146 Cyclin B1|ILMN\_1712803 (non-ER binding)

iClust 10: N = 226 Cyclin B1|ILMN\_1712803 (non-ER binding)

