iClust 1: N = 140 iClust 2: N = 72 NPM3|ILMN\_2110252 (non-ER binding) NPM3|ILMN\_2110252 (non-ER binding) [<=60] p = 0.1723 No detectable trend: [<=60] p = 0.37779No detectable trend: 16 16 [>60] p = 0.91511 [>60] p = 0.68545|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.022748[AII] p = 0.094344 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 3: N = 294 iClust 4: N = 344 NPM3|ILMN\_2110252 (non-ER binding) NPM3|ILMN\_2110252 (non-ER binding) [<=60] p = 0.019585[<=60] p = 0.17425No detectable trend: No detectable trend: 16 16 [>60] p = 0.010632 |FC|<4 or adjPval>0.01 [>60] p = 0.0010652 |FC|<4 or adjPval>0.01 [AII] p = 2.6549e - 05[AII] p = 3.2709e - 094 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$ 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 NPM3|ILMN\_2110252 (non-ER binding) NPM3|ILMN\_2110252 (non-ER binding) [<=60] p = 0.28406No detectable trend: [<=60] p = 0.96428No detectable trend: 16 16 [>60] p = 0.33525[>60] p = 0.7342|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.14252[All] p = 0.43454 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 7: N = 193 iClust 8: N = 300 NPM3|ILMN\_2110252 (non-ER binding) NPM3|ILMN\_2110252 (non-ER binding) [<=60] p = 0.039701No detectable trend: [<=60] p = 0.21639No detectable trend: 16 16 [>60] p = 0.013925 |FC|<4 or adjPval>0.01 [>60] p = 0.00065373 |FC|<4 or adjPval>0.01 [AII] p = 0.00053554[AII] p = 1.7001e-074 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 9: N = 146 NPM3|ILMN\_2110252 (non-ER binding)

iClust 10: N = 226 NPM3|ILMN\_2110252 (non-ER binding)

