iClust 1: N = 140 iClust 2: N = 72 LEF1|ILMN\_2213136 (non-ER binding) LEF1|ILMN\_2213136 (non-ER binding) [<=60] p = 0.11199 No detectable trend: [<=60] p = 0.39042No detectable trend: 16 16 [>60] p = 0.40003[>60] p = 0.0030311 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.35534[AII] p = 0.176944 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 9 9 20 20 40 60 80 100 40 60 80 100 Age at diagnosis Age at diagnosis iClust 4: N = 344 iClust 3: N = 294 LEF1|ILMN\_2213136 (non-ER binding) LEF1|ILMN\_2213136 (non-ER binding) [<=60] p = 0.0034041No detectable trend: [<=60] p = 0.14064No detectable trend: 16 16 [>60] p = 0.75865|FC|<2 or adjPval>0.01 [>60] p = 0.031503 |FC|<2 or adjPval>0.01 [AII] p = 0.0079498[AII] p = 0.00303144 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 9 9 20 20 40 60 80 100 40 60 80 100

Age at diagnosis

Age at diagnosis

iClust 5: N = 191 iClust 6: N = 86 LEF1|ILMN\_2213136 (non-ER binding) LEF1|ILMN\_2213136 (non-ER binding) [<=60] p = 0.63801No detectable trend: [<=60] p = 0.18511No detectable trend: 16 16 [>60] p = 0.0069991 [>60] p = 0.67223 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.49079[AII] p = 0.361954 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 9 9 20 20 40 60 80 100 40 60 80 100 Age at diagnosis Age at diagnosis iClust 7: N = 193 iClust 8: N = 300 LEF1|ILMN\_2213136 (non-ER binding) LEF1|ILMN\_2213136 (non-ER binding) [<=60] p = 0.88513[<=60] p = 0.60277No detectable trend: No detectable trend: 16 16 [>60] p = 0.2903 |FC|<2 or adjPval>0.01 [>60] p = 0.50668|FC|<2 or adjPval>0.01 [AII] p = 0.21248[AII] p = 0.217874 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 LEF1|ILMN\_2213136 (non-ER binding)

iClust 10: N = 226 LEF1|ILMN\_2213136 (non-ER binding)

