iClust 1: N = 140 iClust 2: N = 72 IGKC|ILMN\_1739508 (non-ER binding) IGKC|ILMN\_1739508 (non-ER binding) [<=60] p = 0.44372No detectable trend: [<=60] p = 0.29918No detectable trend: 16 16 [>60] p = 0.4993 [>60] p = 0.86215 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.12052[AII] p = 0.0444254 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 4: N = 344 iClust 3: N = 294 IGKC|ILMN\_1739508 (non-ER binding) IGKC|ILMN\_1739508 (non-ER binding) [<=60] p = 0.17048No detectable trend: [<=60] p = 0.25787No detectable trend: 16 16 [>60] p = 0.22923 [>60] p = 0.086744|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.046646[AII] p = 0.0106344 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 5: N = 191 iClust 6: N = 86 IGKC|ILMN\_1739508 (non-ER binding) IGKC|ILMN\_1739508 (non-ER binding) [<=60] p = 0.69903No detectable trend: [<=60] p = 0.46284No detectable trend: 16 16 [>60] p = 0.17864 [>60] p = 0.25407 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.83867[AII] p = 0.0186514 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 19 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 IGKC|ILMN\_1739508 (non-ER binding) IGKC|ILMN\_1739508 (non-ER binding) [<=60] p = 0.29523No detectable trend: [<=60] p = 0.56738No detectable trend: 16 16 [>60] p = 0.56658|FC|<4 or adjPval>0.01 [>60] p = 0.25905 |FC|<4 or adjPval>0.01 [AII] p = 0.011461[AII] p = 5.6878e - 054 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 IGKC|ILMN\_1739508 (non-ER binding)

iClust 10: N = 226 IGKC|ILMN\_1739508 (non-ER binding)

No detectable trend:

|FC|<4 or adjPval>0.01

80

100

