iClust 1: N = 140 iClust 2: N = 72 E-Cadherin|ILMN\_1770940 (non-ER binding) E-Cadherin|ILMN\_1770940 (non-ER binding) [<=60] p = 0.2036No detectable trend: [<=60] p = 0.92769No detectable trend: 16 16 [>60] p = 0.025675 [>60] p = 0.45062|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.02534[AII] p = 0.393764 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 E-Cadherin|ILMN\_1770940 (non-ER binding) E-Cadherin|ILMN\_1770940 (non-ER binding) [<=60] p = 0.95253No detectable trend: [<=60] p = 0.35853No detectable trend: 16 16 [>60] p = 0.5365 |FC|<4 or adjPval>0.01 [>60] p = 0.18478 |FC|<4 or adjPval>0.01 [AII] p = 0.52019[AII] p = 0.469474 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 E-Cadherin|ILMN\_1770940 (non-ER binding) E-Cadherin|ILMN\_1770940 (non-ER binding) [<=60] p = 0.82722No detectable trend: [<=60] p = 0.79442No detectable trend: 16 16 [>60] p = 0.027209 [>60] p = 0.89859|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.64746[AII] p = 0.662284 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9 20 40 60 80 20 40 60 80 100 100 Age at diagnosis Age at diagnosis iClust 7: N = 193 iClust 8: N = 300 E-Cadherin|ILMN\_1770940 (non-ER binding) E-Cadherin|ILMN\_1770940 (non-ER binding) [<=60] p = 0.088748[<=60] p = 0.44527No detectable trend: No detectable trend: 16 16 [>60] p = 0.23358|FC|<4 or adjPval>0.01 [>60] p = 0.11582 |FC|<4 or adjPval>0.01 [AII] p = 0.021216[AII] p = 0.5784 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 E-Cadherin|ILMN\_1770940 (non-ER binding)

iClust 10: N = 226 E-Cadherin|ILMN\_1770940 (non-ER binding)

