iClust 1: N = 140 iClust 2: N = 72 RGMA|ILMN\_1717636 (non-ER binding) RGMA|ILMN\_1717636 (non-ER binding) [<=60] p = 0.12221 No detectable trend: [<=60] p = 0.48478No detectable trend: 16 16 [>60] p = 0.31838 [>60] p = 0.094755|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 2.2287e - 05[All] p = 0.37754 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 RGMA|ILMN\_1717636 (non-ER binding) RGMA|ILMN\_1717636 (non-ER binding) [<=60] p = 0.63378No detectable trend: [<=60] p = 0.036898No detectable trend: 16 16 [>60] p = 0.84218 |FC|<2 or adjPval>0.01 [>60] p = 0.035313 |FC|<2 or adjPval>0.01 [AII] p = 2.0014e-07[AII] p = 9.0699e - 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 5: N = 191 iClust 6: N = 86 RGMA|ILMN\_1717636 (non-ER binding) RGMA|ILMN\_1717636 (non-ER binding) [<=60] p = 0.15836No detectable trend: [<=60] p = 0.53459No detectable trend: 16 16 [>60] p = 0.25891 [>60] p = 0.1927 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.034534[AII] p = 0.170864 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 RGMA|ILMN\_1717636 (non-ER binding) RGMA|ILMN\_1717636 (non-ER binding) [<=60] p = 0.074594[<=60] p = 0.2762No detectable trend: No detectable trend: 16 16 [>60] p = 0.00096919 |FC|<2 or adjPval>0.01 [>60] p = 0.11526 |FC|<2 or adjPval>0.01 [AII] p = 0.0046486[AII] p = 0.00115484 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 RGMA|ILMN\_1717636 (non-ER binding)

iClust 10: N = 226 RGMA|ILMN\_1717636 (non-ER binding)

