iClust 1: N = 140 iClust 2: N = 72 YB1|ILMN\_2124769 (non-ER binding) YB1|ILMN\_2124769 (non-ER binding) [<=60] p = 0.33245No detectable trend: [<=60] p = 0.1869No detectable trend: 16 16 [>60] p = 0.40762 [>60] p = 0.094827|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.0021291[AII] p = 0.0222954 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 YB1|ILMN\_2124769 (non-ER binding) YB1|ILMN\_2124769 (non-ER binding) [<=60] p = 0.14038[<=60] p = 0.10109No detectable trend: No detectable trend: 16 16 [>60] p = 0.37585|FC|<2 or adjPval>0.01 [>60] p = 0.02372|FC|<2 or adjPval>0.01 [AII] p = 0.00019683[AII] p = 0.000800874 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 YB1|ILMN\_2124769 (non-ER binding) YB1|ILMN\_2124769 (non-ER binding) [<=60] p = 0.097327No detectable trend: [<=60] p = 0.64774No detectable trend: 16 16 [>60] p = 0.0048207 [>60] p = 0.1329 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 2.6926e - 05[AII] p = 0.712594 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 19 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 YB1|ILMN\_2124769 (non-ER binding) YB1|ILMN\_2124769 (non-ER binding) [<=60] p = 0.13467No detectable trend: [<=60] p = 0.12372No detectable trend: 16 16 [>60] p = 0.87153 |FC|<2 or adjPval>0.01 [>60] p = 0.8961|FC|<2 or adjPval>0.01 [AII] p = 0.0094925[AII] p = 0.154664 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 9 9 20 20 40 60 80 100 40 60 80 100 Age at diagnosis Age at diagnosis

iClust 9: N = 146 YB1|ILMN\_2124769 (non-ER binding)

iClust 10: N = 226 YB1|ILMN\_2124769 (non-ER binding)

