iClust 1: N = 140 iClust 2: N = 72 RbBp5|ILMN\_1696532 (non-ER binding) RbBp5|ILMN\_1696532 (non-ER binding) [<=60] p = 0.51087No detectable trend: [<=60] p = 0.7753No detectable trend: 16 16 [>60] p = 0.60627[>60] p = 0.4427|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.95589[AII] p = 0.901964 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 RbBp5|ILMN\_1696532 (non-ER binding) RbBp5|ILMN\_1696532 (non-ER binding) [<=60] p = 0.48817[<=60] p = 0.53696No detectable trend: No detectable trend: 16 16 [>60] p = 2.7248e-05 |FC|<4 or adjPval>0.01 [>60] p = 0.29661 |FC|<4 or adjPval>0.01 [AII] p = 0.16401[AII] p = 0.569514 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 RbBp5|ILMN\_1696532 (non-ER binding) RbBp5|ILMN\_1696532 (non-ER binding) [<=60] p = 0.69849No detectable trend: [<=60] p = 0.40952No detectable trend: 16 16 [>60] p = 0.52659[>60] p = 0.50409|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.15408[AII] p = 0.785874 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 RbBp5|ILMN\_1696532 (non-ER binding) RbBp5|ILMN\_1696532 (non-ER binding) [<=60] p = 0.81179No detectable trend: [<=60] p = 0.84288No detectable trend: 16 16 [>60] p = 0.069167 |FC|<4 or adjPval>0.01 [>60] p = 0.38679|FC|<4 or adjPval>0.01 [AII] p = 0.91179[All] p = 0.71394 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 RbBp5|ILMN\_1696532 (non-ER binding)

iClust 10: N = 226 RbBp5|ILMN\_1696532 (non-ER binding)

