iClust 1: N = 140 iClust 2: N = 72 HIF2alpha|ILMN\_1704753 (non-ER binding) HIF2alpha|ILMN\_1704753 (non-ER binding) [<=60] p = 0.72747No detectable trend: [<=60] p = 0.35124No detectable trend: 16 16 [>60] p = 0.92296 [>60] p = 0.78555|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.22765[AII] p = 0.921064 4 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 HIF2alpha|ILMN\_1704753 (non-ER binding) HIF2alpha|ILMN\_1704753 (non-ER binding) [<=60] p = 0.47654[<=60] p = 0.7044No detectable trend: No detectable trend: 16 16 [>60] p = 0.73314|FC|<2 or adjPval>0.01 [>60] p = 0.25945 |FC|<2 or adjPval>0.01 [AII] p = 0.38753[AII] p = 0.375024 4 Raw Expression (4, 16) 12 12 19 10 ω  $\infty$ 

9

20

40

60

Age at diagnosis

80

100

Raw Expression (4, 16)

Raw Expression (4, 16)

9

20

40

60

Age at diagnosis

80

100

iClust 5: N = 191 iClust 6: N = 86 HIF2alpha|ILMN\_1704753 (non-ER binding) HIF2alpha|ILMN\_1704753 (non-ER binding) [<=60] p = 0.27247 No detectable trend: [<=60] p = 0.74743No detectable trend: 16 16 [>60] p = 0.19076[>60] p = 0.94808|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.40542[AII] p = 0.476544 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 HIF2alpha|ILMN\_1704753 (non-ER binding) HIF2alpha|ILMN\_1704753 (non-ER binding) [<=60] p = 0.44565No detectable trend: [<=60] p = 0.055467No detectable trend: 16 16 [>60] p = 0.99475|FC|<2 or adjPval>0.01 [>60] p = 0.14112 |FC|<2 or adjPval>0.01 [AII] p = 0.13594[All] p = 0.321264 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 HIF2alpha|ILMN\_1704753 (non-ER binding)

iClust 10: N = 226 HIF2alpha|ILMN\_1704753 (non-ER binding)

