iClust 1: N = 140 iClust 2: N = 72 H3F3A|ILMN\_2402936 (non-ER binding) H3F3A|ILMN\_2402936 (non-ER binding) [<=60] p = 0.013103 No detectable trend: [<=60] p = 0.64543No detectable trend: 16 16 [>60] p = 0.23804 [>60] p = 0.78307|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.10461[AII] p = 0.985514 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 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 H3F3A|ILMN\_2402936 (non-ER binding) H3F3A|ILMN\_2402936 (non-ER binding) [<=60] p = 0.42331No detectable trend: [<=60] p = 0.4603No detectable trend: 16 16 [>60] p = 0.18471 |FC|<2 or adjPval>0.01 [>60] p = 0.75292 |FC|<2 or adjPval>0.01 [AII] p = 0.18558[AII] p = 0.148874 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 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 H3F3A|ILMN\_2402936 (non-ER binding) H3F3A|ILMN\_2402936 (non-ER binding) [<=60] p = 0.55709No detectable trend: [<=60] p = 0.56379No detectable trend: 16 16 [>60] p = 0.143[>60] p = 0.49234 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.60238[AII] p = 0.225044 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9 20 20 40 60 80 100 40 60 80 100 Age at diagnosis Age at diagnosis iClust 7: N = 193 iClust 8: N = 300 H3F3A|ILMN\_2402936 (non-ER binding) H3F3A|ILMN\_2402936 (non-ER binding) [<=60] p = 0.4332No detectable trend: [<=60] p = 0.73948No detectable trend: 16 16 [>60] p = 0.8696|FC|<2 or adjPval>0.01 [>60] p = 0.6523 |FC|<2 or adjPval>0.01 [AII] p = 0.26215[AII] p = 0.720414 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis

iClust 9: N = 146 H3F3A|ILMN\_2402936 (non-ER binding)

iClust 10: N = 226 H3F3A|ILMN\_2402936 (non-ER binding)

100

