iClust 1: N = 140 iClust 2: N = 72 WHSC1/MMSET|ILMN\_1766112 (non-ER binding WHSC1/MMSET|ILMN\_1766112 (non-ER binding [<=60] p = 0.29716No detectable trend: [<=60] p = 0.36527No detectable trend: 16 16 [>60] p = 0.90878[>60] p = 0.98342|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.46346[All] p = 0.717994 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 4: N = 344 iClust 3: N = 294 WHSC1/MMSET|ILMN\_1766112 (non-ER binding WHSC1/MMSET|ILMN\_1766112 (non-ER binding [<=60] p = 0.81459No detectable trend: [<=60] p = 0.39954No detectable trend: 16 16 |FC|<4 or adjPval>0.01 [>60] p = 0.41741 [>60] p = 0.51599 |FC|<4 or adjPval>0.01 [AII] p = 0.087092[AII] p = 0.960074 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 WHSC1/MMSET|ILMN\_1766112 (non-ER binding WHSC1/MMSET|ILMN\_1766112 (non-ER binding [<=60] p = 0.74588No detectable trend: [<=60] p = 0.74724No detectable trend: 16 16 [>60] p = 0.22411 [>60] p = 0.63073 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.42616[All] p = 0.781384 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 WHSC1/MMSET|ILMN\_1766112 (non-ER binding WHSC1/MMSET|ILMN\_1766112 (non-ER binding [<=60] p = 0.2311No detectable trend: [<=60] p = 0.32383No detectable trend: 16 16 [>60] p = 0.23221 |FC|<4 or adjPval>0.01 [>60] p = 0.95198 |FC|<4 or adjPval>0.01 [All] p = 0.75519[AII] p = 0.0867824 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 WHSC1/MMSET|ILMN\_1766112 (non-ER binding

iClust 10: N = 226
WHSC1/MMSET|ILMN\_1766112 (non-ER binding

