iClust 1: N = 140 iClust 2: N = 72 WHSC1/MMSET|ILMN_2296335 (non-ER binding WHSC1/MMSET|ILMN_2296335 (non-ER binding [<=60] p = 0.66619No detectable trend: [<=60] p = 0.7462No detectable trend: 16 16 [>60] p = 0.17668 |FC|<4 or adjPval>0.01 [>60] p = 0.2968 |FC|<4 or adjPval>0.01 [AII] p = 0.9154[All] p = 0.491324 4 Raw Expression (4, 16) 12 12 10 10 ω ∞ 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_2296335 (non-ER binding WHSC1/MMSET|ILMN_2296335 (non-ER binding [<=60] p = 0.24202No detectable trend: [<=60] p = 0.75179No detectable trend: 16 16 [>60] p = 0.059888|FC|<4 or adjPval>0.01 [>60] p = 0.92812 |FC|<4 or adjPval>0.01 [All] p = 0.16754[AII] p = 0.629814 4 Raw Expression (4, 16) 12 12 10 10 ∞ 9 9

Raw Expression (4, 16)

Raw Expression (4, 16)

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100

iClust 5: N = 191 iClust 6: N = 86 WHSC1/MMSET|ILMN_2296335 (non-ER binding WHSC1/MMSET|ILMN_2296335 (non-ER binding [<=60] p = 0.46922No detectable trend: [<=60] p = 0.24673No detectable trend: 16 16 [>60] p = 0.34414|FC|<4 or adjPval>0.01 [>60] p = 0.19856 |FC|<4 or adjPval>0.01 [AII] p = 0.85089[AII] p = 0.780564 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ∞ ∞ 9 9 20 40 60 80 20 40 60 80 100 100 Age at diagnosis Age at diagnosis iClust 7: N = 193 iClust 8: N = 300 WHSC1/MMSET|ILMN_2296335 (non-ER binding WHSC1/MMSET|ILMN_2296335 (non-ER binding [<=60] p = 0.661No detectable trend: [<=60] p = 0.39749No detectable trend: 16 16 [>60] p = 0.33262|FC|<4 or adjPval>0.01 [>60] p = 0.50797 |FC|<4 or adjPval>0.01 [AII] p = 0.7743[AII] p = 0.957614 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ∞ 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_2296335 (non-ER binding

iClust 10: N = 226 WHSC1/MMSET|ILMN_2296335 (non-ER binding

