iClust 1: N = 140 iClust 2: N = 72 IL17RC|ILMN\_1798790 (non-ER binding) IL17RC|ILMN\_1798790 (non-ER binding) [<=60] p = 0.10124 No detectable trend: [<=60] p = 0.83923No detectable trend: 16 16 [>60] p = 0.74034[>60] p = 0.70715 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.06735[AII] p = 0.177334 4 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 IL17RC|ILMN\_1798790 (non-ER binding) IL17RC|ILMN\_1798790 (non-ER binding) [<=60] p = 0.00047971 No detectable trend: [<=60] p = 0.20345No detectable trend: 16 16 [>60] p = 0.061972 |FC|<4 or adjPval>0.01 [>60] p = 0.20164 |FC|<4 or adjPval>0.01 [AII] p = 6.6084e - 12[AII] p = 0.0017514 4 Raw Expression (4, 16) 12 12 10 10 ω ω

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 IL17RC|ILMN\_1798790 (non-ER binding) IL17RC|ILMN\_1798790 (non-ER binding) [<=60] p = 0.13346No detectable trend: [<=60] p = 0.71904No detectable trend: 16 16 [>60] p = 0.74676[>60] p = 0.36776|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.56054[AII] p = 0.122774 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 7: N = 193 iClust 8: N = 300 IL17RC|ILMN\_1798790 (non-ER binding) IL17RC|ILMN\_1798790 (non-ER binding) [<=60] p = 0.046621No detectable trend: [<=60] p = 0.00061527 No detectable trend: 16 16 [>60] p = 0.34371 |FC|<4 or adjPval>0.01 [>60] p = 0.335|FC|<4 or adjPval>0.01 [AII] p = 0.0028381[AII] p = 5.4632e - 064 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 IL17RC|ILMN\_1798790 (non-ER binding)

iClust 10: N = 226 IL17RC|ILMN\_1798790 (non-ER binding)

