iClust 1: N = 140 iClust 2: N = 72 Cyclin A2|ILMN_1786125 (non-ER binding) Cyclin A2|ILMN_1786125 (non-ER binding) [<=60] p = 0.23978No detectable trend: [<=60] p = 0.024463No detectable trend: 16 16 [>60] p = 0.22307 [>60] p = 0.55397|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.94273[AII] p = 0.0097414 4 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 3: N = 294 iClust 4: N = 344 Cyclin A2|ILMN_1786125 (non-ER binding) Cyclin A2|ILMN_1786125 (non-ER binding) [<=60] p = 0.47095No detectable trend: [<=60] p = 0.067095No detectable trend: 16 16 [>60] p = 0.59925 |FC|<4 or adjPval>0.01 [>60] p = 0.38613|FC|<4 or adjPval>0.01 [AII] p = 0.49782[AII] p = 0.501654 4 Raw Expression (4, 16) 12 12 10 10 ω ∞ 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 Cyclin A2|ILMN_1786125 (non-ER binding) Cyclin A2|ILMN_1786125 (non-ER binding) [<=60] p = 0.97193No detectable trend: [<=60] p = 0.6191No detectable trend: 16 16 [>60] p = 0.067108 [>60] p = 0.49632|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.27911[AII] p = 0.683024 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 Cyclin A2|ILMN_1786125 (non-ER binding) Cyclin A2|ILMN_1786125 (non-ER binding) [<=60] p = 0.79126No detectable trend: [<=60] p = 0.59347No detectable trend: 16 16 [>60] p = 0.35842|FC|<4 or adjPval>0.01 [>60] p = 0.000947|FC|<4 or adjPval>0.01 [All] p = 0.96457[All] p = 0.668174 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 Cyclin A2|ILMN_1786125 (non-ER binding)

iClust 10: N = 226 Cyclin A2|ILMN_1786125 (non-ER binding)

