iClust 1: N = 140 iClust 2: N = 72 Cyclin E1|ILMN_2374425 (non-ER binding) Cyclin E1|ILMN_2374425 (non-ER binding) [<=60] p = 0.28245No detectable trend: [<=60] p = 0.034082No detectable trend: 16 16 [>60] p = 0.89544[>60] p = 0.012217 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.86474[AII] p = 0.0297084 4 Raw Expression (4, 16) 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 3: N = 294 iClust 4: N = 344 Cyclin E1|ILMN_2374425 (non-ER binding) Cyclin E1|ILMN_2374425 (non-ER binding) [<=60] p = 0.45592No detectable trend: [<=60] p = 0.54747No detectable trend: 16 16 [>60] p = 0.10156 |FC|<2 or adjPval>0.01 [>60] p = 0.82073|FC|<2 or adjPval>0.01 [All] p = 0.58334[AII] p = 0.241084 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ∞ 9 9

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 E1|ILMN_2374425 (non-ER binding) Cyclin E1|ILMN_2374425 (non-ER binding) [<=60] p = 0.70898No detectable trend: [<=60] p = 0.72231No detectable trend: 16 16 [>60] p = 0.39058[>60] p = 0.53992|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.40128[AII] p = 0.675384 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 7: N = 193 iClust 8: N = 300 Cyclin E1|ILMN_2374425 (non-ER binding) Cyclin E1|ILMN_2374425 (non-ER binding) [<=60] p = 0.71201No detectable trend: [<=60] p = 0.56012No detectable trend: 16 16 [>60] p = 0.72522 |FC|<2 or adjPval>0.01 [>60] p = 0.017708 |FC|<2 or adjPval>0.01 [AII] p = 0.80996[All] p = 0.273744 4 Raw Expression (4, 16) 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 9: N = 146 Cyclin E1|ILMN_2374425 (non-ER binding)

iClust 10: N = 226 Cyclin E1|ILMN_2374425 (non-ER binding)

