iClust 1: N = 140 iClust 2: N = 72 Cyclin E1|ILMN_2384785 (non-ER binding) Cyclin E1|ILMN_2384785 (non-ER binding) [<=60] p = 0.39914No detectable trend: [<=60] p = 0.02642No detectable trend: 16 16 [>60] p = 0.8445[>60] p = 0.23034 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.84588[AII] p = 0.0491164 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 3: N = 294 iClust 4: N = 344 Cyclin E1|ILMN_2384785 (non-ER binding) Cyclin E1|ILMN_2384785 (non-ER binding) [<=60] p = 0.11134No detectable trend: [<=60] p = 0.36568No detectable trend: 16 16 [>60] p = 0.35721 |FC|<4 or adjPval>0.01 [>60] p = 0.51222 |FC|<4 or adjPval>0.01 [AII] p = 0.33706[AII] p = 0.278994 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 5: N = 191 iClust 6: N = 86 Cyclin E1|ILMN_2384785 (non-ER binding) Cyclin E1|ILMN_2384785 (non-ER binding) [<=60] p = 0.28499No detectable trend: [<=60] p = 0.45158No detectable trend: 16 16 [>60] p = 0.89766[>60] p = 0.1411 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.57852[AII] p = 0.504784 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_2384785 (non-ER binding) Cyclin E1|ILMN_2384785 (non-ER binding) [<=60] p = 0.063191 [<=60] p = 0.31043No detectable trend: No detectable trend: 16 16 [>60] p = 0.89572|FC|<4 or adjPval>0.01 [>60] p = 0.1294 |FC|<4 or adjPval>0.01 [AII] p = 0.96196[All] p = 0.142584 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 Cyclin E1|ILMN_2384785 (non-ER binding)

iClust 10: N = 226 Cyclin E1|ILMN_2384785 (non-ER binding)

