iClust 1: N = 140 iClust 2: N = 72 PTEN|ILMN_1701134 (non-ER binding) PTEN|ILMN_1701134 (non-ER binding) [<=60] p = 0.15365No detectable trend: [<=60] p = 0.30457No detectable trend: 16 16 [>60] p = 0.83427[>60] p = 0.39604|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.88858[AII] p = 0.941834 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 PTEN|ILMN_1701134 (non-ER binding) PTEN|ILMN_1701134 (non-ER binding) [<=60] p = 0.8818No detectable trend: [<=60] p = 0.42232No detectable trend: 16 16 [>60] p = 0.671 |FC|<4 or adjPval>0.01 [>60] p = 0.31595 |FC|<4 or adjPval>0.01 [AII] p = 0.22384[AII] p = 0.0769834 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 PTEN|ILMN_1701134 (non-ER binding) PTEN|ILMN_1701134 (non-ER binding) [<=60] p = 0.84447No detectable trend: [<=60] p = 0.82336No detectable trend: 16 16 [>60] p = 0.043236 [>60] p = 0.014251 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.4039[AII] p = 0.420094 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 PTEN|ILMN_1701134 (non-ER binding) PTEN|ILMN_1701134 (non-ER binding) [<=60] p = 0.087466[<=60] p = 0.89236No detectable trend: No detectable trend: 16 16 [>60] p = 0.95442|FC|<4 or adjPval>0.01 [>60] p = 0.65311 |FC|<4 or adjPval>0.01 [AII] p = 0.27593[AII] p = 0.0150714 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 PTEN|ILMN_1701134 (non-ER binding)

iClust 10: N = 226 PTEN|ILMN_1701134 (non-ER binding)

