iClust 1: N = 140 iClust 2: N = 72 MGC16121|ILMN_1673409 (non-ER binding) MGC16121|ILMN_1673409 (non-ER binding) [<=60] p = 0.097279No detectable trend: [<=60] p = 0.48387No detectable trend: 16 16 [>60] p = 0.26908 [>60] p = 0.13058 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.20235[AII] p = 0.0326564 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 MGC16121|ILMN_1673409 (non-ER binding) MGC16121|ILMN_1673409 (non-ER binding) [<=60] p = 0.030254No detectable trend: [<=60] p = 0.02102No detectable trend: 16 16 [>60] p = 0.010914 |FC|<2 or adjPval>0.01 [>60] p = 0.014704 |FC|<2 or adjPval>0.01 [AII] p = 2.6659e-07[AII] p = 2.3492e - 094 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 MGC16121|ILMN_1673409 (non-ER binding) MGC16121|ILMN_1673409 (non-ER binding) [<=60] p = 0.49508No detectable trend: [<=60] p = 0.045484No detectable trend: 16 16 [>60] p = 0.63935 [>60] p = 0.30706|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.0076054[AII] p = 0.428334 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 MGC16121|ILMN_1673409 (non-ER binding) MGC16121|ILMN_1673409 (non-ER binding) [<=60] p = 0.53279No detectable trend: [<=60] p = 0.4814No detectable trend: 16 16 [>60] p = 0.27051 |FC|<2 or adjPval>0.01 [>60] p = 0.0034465 |FC|<2 or adjPval>0.01 [AII] p = 0.0093856[AII] p = 3.5975e - 094 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 MGC16121|ILMN_1673409 (non-ER binding)

iClust 10: N = 226 MGC16121|ILMN_1673409 (non-ER binding)

