iClust 1: N = 140 iClust 2: N = 72 HER3|ILMN_1737993 (non-ER binding) HER3|ILMN_1737993 (non-ER binding) [<=60] p = 0.095876No detectable trend: [<=60] p = 0.40121No detectable trend: 16 16 [>60] p = 0.96788[>60] p = 0.76533|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.32014[AII] p = 0.235414 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 HER3|ILMN_1737993 (non-ER binding) HER3|ILMN_1737993 (non-ER binding) [<=60] p = 0.59006No detectable trend: [<=60] p = 0.18723No detectable trend: 16 16 [>60] p = 0.063124|FC|<4 or adjPval>0.01 [>60] p = 0.0016505 |FC|<4 or adjPval>0.01 [AII] p = 0.00025272[AII] p = 1.0201e-054 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 5: N = 191 iClust 6: N = 86 HER3|ILMN_1737993 (non-ER binding) HER3|ILMN_1737993 (non-ER binding) [<=60] p = 0.29637No detectable trend: [<=60] p = 0.58225No detectable trend: 16 16 [>60] p = 0.18552 [>60] p = 0.95269|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.22919[AII] p = 0.136084 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ∞ ∞ 9 9 20 20 40 60 80 100 40 60 80 100 Age at diagnosis Age at diagnosis iClust 7: N = 193 iClust 8: N = 300 HER3|ILMN_1737993 (non-ER binding) HER3|ILMN_1737993 (non-ER binding) [<=60] p = 0.91371 No detectable trend: [<=60] p = 0.59857No detectable trend: 16 16 [>60] p = 0.53091 |FC|<4 or adjPval>0.01 [>60] p = 0.31344 |FC|<4 or adjPval>0.01 [AII] p = 0.86048[AII] p = 0.0444334 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 HER3|ILMN_1737993 (non-ER binding)

iClust 10: N = 226 HER3|ILMN_1737993 (non-ER binding)

