iClust 1: N = 140 iClust 2: N = 72 MT1X|ILMN_1775170 (non-ER binding) MT1X|ILMN_1775170 (non-ER binding) [<=60] p = 0.19333No detectable trend: [<=60] p = 0.90565No detectable trend: 16 16 [>60] p = 0.60347[>60] p = 0.15434 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.053383[AII] p = 0.052424 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 MT1X|ILMN_1775170 (non-ER binding) MT1X|ILMN_1775170 (non-ER binding) [<=60] p = 0.18827No detectable trend: [<=60] p = 0.48164No detectable trend: 16 16 [>60] p = 0.46287 [>60] p = 0.051857 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.0084156[AII] p = 0.00160554 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 MT1X|ILMN_1775170 (non-ER binding) MT1X|ILMN_1775170 (non-ER binding) [<=60] p = 0.048789No detectable trend: [<=60] p = 0.65133No detectable trend: 16 16 [>60] p = 0.91736[>60] p = 0.93473|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.023358[AII] p = 0.0906724 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 19 10 ω ∞ 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 MT1X|ILMN_1775170 (non-ER binding) MT1X|ILMN_1775170 (non-ER binding) [<=60] p = 0.1733[<=60] p = 0.091662No detectable trend: No detectable trend: 16 16 [>60] p = 0.62676 |FC|<4 or adjPval>0.01 [>60] p = 0.0050654 |FC|<4 or adjPval>0.01 [AII] p = 0.01715[AII] p = 3.419e - 064 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 MT1X|ILMN_1775170 (non-ER binding)

iClust 10: N = 226 MT1X|ILMN_1775170 (non-ER binding)

