iClust 1: N = 140 iClust 2: N = 72 C8orf4|ILMN_1656369 (non-ER binding) C8orf4|ILMN_1656369 (non-ER binding) [<=60] p = 0.63737No detectable trend: [<=60] p = 0.53834No detectable trend: 16 16 [>60] p = 0.14629 [>60] p = 0.53509 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.13856[AII] p = 0.745334 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 3: N = 294 iClust 4: N = 344 C8orf4|ILMN_1656369 (non-ER binding) C8orf4|ILMN_1656369 (non-ER binding) [<=60] p = 0.14988No detectable trend: [<=60] p = 0.091656No detectable trend: 16 16 [>60] p = 0.72639 |FC|<2 or adjPval>0.01 [>60] p = 0.49566|FC|<2 or adjPval>0.01 [AII] p = 0.00052316[AII] p = 0.0300854 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω 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 C8orf4|ILMN_1656369 (non-ER binding) C8orf4|ILMN_1656369 (non-ER binding) [<=60] p = 0.85462No detectable trend: [<=60] p = 0.49971No detectable trend: 16 16 [>60] p = 0.46159[>60] p = 0.18179 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.10881[AII] p = 0.0678144 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 19 10 ω 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 C8orf4|ILMN_1656369 (non-ER binding) C8orf4|ILMN_1656369 (non-ER binding) [<=60] p = 0.14863[<=60] p = 0.25076No detectable trend: No detectable trend: 16 16 [>60] p = 0.093059|FC|<2 or adjPval>0.01 [>60] p = 0.92107 |FC|<2 or adjPval>0.01 [AII] p = 0.0013656[AII] p = 9.8317e-054 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 C8orf4|ILMN_1656369 (non-ER binding)

iClust 10: N = 226 C8orf4|ILMN_1656369 (non-ER binding)

