iClust 1: N = 140 iClust 2: N = 72 TUBA3C|ILMN\_1679482 (non-ER binding) TUBA3C|ILMN\_1679482 (non-ER binding) [<=60] p = 0.25717 No detectable trend: [<=60] p = 0.4156No detectable trend: 16 16 [>60] p = 0.76169 [>60] p = 0.26329 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.048331[AII] p = 0.574554 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 TUBA3C|ILMN\_1679482 (non-ER binding) TUBA3C|ILMN\_1679482 (non-ER binding) [<=60] p = 0.044419[<=60] p = 4.0467e-07No detectable trend: No detectable trend: 16 16 [>60] p = 0.62029 |FC|<2 or adjPval>0.01 [>60] p = 0.67139 |FC|<2 or adjPval>0.01 [AII] p = 4.2171e - 06[AII] p = 0.278974 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 5: N = 191 iClust 6: N = 86 TUBA3C|ILMN\_1679482 (non-ER binding) TUBA3C|ILMN\_1679482 (non-ER binding) [<=60] p = 0.91699No detectable trend: [<=60] p = 0.0025018 No detectable trend: 16 16 [>60] p = 0.92691 [>60] p = 0.2565 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.58024[AII] p = 0.493054 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 7: N = 193 iClust 8: N = 300 TUBA3C|ILMN\_1679482 (non-ER binding) TUBA3C|ILMN\_1679482 (non-ER binding) [<=60] p = 0.0013776No detectable trend: [<=60] p = 0.0035551 No detectable trend: 16 16 [>60] p = 0.19191 |FC|<2 or adjPval>0.01 [>60] p = 0.43685|FC|<2 or adjPval>0.01 [AII] p = 7.9421e - 08[AII] p = 0.00970864 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 TUBA3C|ILMN\_1679482 (non-ER binding)

iClust 10: N = 226 TUBA3C|ILMN\_1679482 (non-ER binding)

