iClust 1: N = 140 iClust 2: N = 72 TNC|ILMN\_1719759 (non-ER binding) TNC|ILMN\_1719759 (non-ER binding) [<=60] p = 0.050867No detectable trend: [<=60] p = 0.65337No detectable trend: 16 16 [>60] p = 0.88472 [>60] p = 0.34058|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.099852[AII] p = 0.323264 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 TNC|ILMN\_1719759 (non-ER binding) TNC|ILMN\_1719759 (non-ER binding) [<=60] p = 0.010771[<=60] p = 0.21198 No detectable trend: No detectable trend: 16 16 [>60] p = 0.16172 |FC|<4 or adjPval>0.01 [>60] p = 0.00086264 |FC|<4 or adjPval>0.01 [All] p = 2.3158e-07[AII] p = 8.2855e - 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 5: N = 191 iClust 6: N = 86 TNC|ILMN\_1719759 (non-ER binding) TNC|ILMN\_1719759 (non-ER binding) [<=60] p = 0.26571 No detectable trend: [<=60] p = 0.19569No detectable trend: 16 16 [>60] p = 0.22654 [>60] p = 0.45926|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.060759[AII] p = 0.00315124 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 TNC|ILMN\_1719759 (non-ER binding) TNC|ILMN\_1719759 (non-ER binding) [<=60] p = 0.10791No detectable trend: [<=60] p = 0.49156No detectable trend: 16 16 [>60] p = 0.31482|FC|<4 or adjPval>0.01 [>60] p = 0.60442|FC|<4 or adjPval>0.01 [AII] p = 0.34768[AII] p = 8.7425e - 064 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω 9 9 20 20 40 60 80 100 40 60 80 100 Age at diagnosis Age at diagnosis

iClust 9: N = 146

TNC|ILMN\_1719759 (non-ER binding)

iClust 10: N = 226 TNC|ILMN\_1719759 (non-ER binding)

