iClust 1: N = 140 iClust 2: N = 72 PODXL|ILMN\_2413158 (non-ER binding) PODXL|ILMN\_2413158 (non-ER binding) [<=60] p = 0.3827No detectable trend: [<=60] p = 0.19585No detectable trend: 16 16 [>60] p = 0.78382[>60] p = 0.17383 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.70572[AII] p = 0.371394 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 PODXL|ILMN\_2413158 (non-ER binding) PODXL|ILMN\_2413158 (non-ER binding) [<=60] p = 0.8026No detectable trend: [<=60] p = 0.4392No detectable trend: 16 16 [>60] p = 0.93093|FC|<4 or adjPval>0.01 [>60] p = 0.052691 |FC|<4 or adjPval>0.01 [AII] p = 0.48381[AII] p = 0.42214 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 PODXL|ILMN\_2413158 (non-ER binding) PODXL|ILMN\_2413158 (non-ER binding) [<=60] p = 0.93322No detectable trend: [<=60] p = 0.63099No detectable trend: 16 16 [>60] p = 0.17681 [>60] p = 0.67875 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.068471[AII] p = 0.302674 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 PODXL|ILMN\_2413158 (non-ER binding) PODXL|ILMN\_2413158 (non-ER binding) [<=60] p = 0.70049No detectable trend: [<=60] p = 0.098104No detectable trend: 16 16 [>60] p = 0.41299 |FC|<4 or adjPval>0.01 [>60] p = 0.51085 |FC|<4 or adjPval>0.01 [AII] p = 0.061879[AII] p = 0.519994 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 PODXL|ILMN\_2413158 (non-ER binding)

iClust 10: N = 226 PODXL|ILMN\_2413158 (non-ER binding)

