iClust 1: N = 140 iClust 2: N = 72 PPARG|ILMN\_1800225 (ER binding) PPARG|ILMN\_1800225 (ER binding) [<=60] p = 0.54712No detectable trend: [<=60] p = 0.38172No detectable trend: 16 16 [>60] p = 0.12454 [>60] p = 0.12291 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.48556[AII] p = 0.117744 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 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 PPARG|ILMN\_1800225 (ER binding) PPARG|ILMN\_1800225 (ER binding) [<=60] p = 0.098102No detectable trend: [<=60] p = 0.96163No detectable trend: 16 16 [>60] p = 0.87702|FC|<4 or adjPval>0.01 [>60] p = 0.23931 |FC|<4 or adjPval>0.01 [AII] p = 0.82317[AII] p = 0.0283854 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 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 PPARG|ILMN\_1800225 (ER binding) PPARG|ILMN\_1800225 (ER binding) [<=60] p = 0.074491No detectable trend: [<=60] p = 0.31012No detectable trend: 16 16 [>60] p = 0.36871 [>60] p = 0.57428 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.2538[AII] p = 0.0325334 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 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 PPARG|ILMN\_1800225 (ER binding) PPARG|ILMN\_1800225 (ER binding) [<=60] p = 0.097318[<=60] p = 0.75514No detectable trend: No detectable trend: 16 16 [>60] p = 0.010984|FC|<4 or adjPval>0.01 [>60] p = 0.64502|FC|<4 or adjPval>0.01 [AII] p = 0.19529[AII] p = 0.504634 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 9 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis

iClust 9: N = 146 PPARG|ILMN\_1800225 (ER binding)

iClust 10: N = 226 PPARG|ILMN\_1800225 (ER binding)

