iClust 1: N = 140 iClust 2: N = 72 PPARG|ILMN\_2364384 (ER binding) PPARG|ILMN\_2364384 (ER binding) [<=60] p = 0.43788No detectable trend: [<=60] p = 0.10085No detectable trend: 16 16 [>60] p = 0.42529 [>60] p = 0.41842 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.41864[AII] p = 0.145684 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 9 9 20 20 40 60 80 100 40 60 80 100 Age at diagnosis Age at diagnosis iClust 3: N = 294 iClust 4: N = 344 PPARG|ILMN\_2364384 (ER binding) PPARG|ILMN\_2364384 (ER binding) [<=60] p = 0.73593No detectable trend: [<=60] p = 0.32663No detectable trend: 16 16 [>60] p = 0.433|FC|<1.25 or adjPval>0.01 [>60] p = 0.11668 |FC|<1.25 or adjPval>0.01 [AII] p = 0.51041[AII] p = 0.0192884 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 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 PPARG|ILMN\_2364384 (ER binding) PPARG|ILMN\_2364384 (ER binding) [<=60] p = 0.039111 No detectable trend: [<=60] p = 0.46119No detectable trend: 16 16 [>60] p = 0.43881[>60] p = 0.17512 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.029982[AII] p = 0.189874 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\_2364384 (ER binding) PPARG|ILMN\_2364384 (ER binding) [<=60] p = 0.56098No detectable trend: [<=60] p = 0.29187No detectable trend: 16 16 [>60] p = 0.22773 |FC|<1.25 or adjPval>0.01 [>60] p = 0.7892|FC|<1.25 or adjPval>0.01 [All] p = 0.64545[AII] p = 0.0386164 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\_2364384 (ER binding)

iClust 10: N = 226 PPARG|ILMN\_2364384 (ER binding)

