iClust 1: N = 140 iClust 2: N = 72 PELP1|ILMN\_1728684 (non-ER binding) PELP1|ILMN\_1728684 (non-ER binding) [<=60] p = 0.76385No detectable trend: [<=60] p = 0.7192No detectable trend: 16 16 [>60] p = 0.15299 [>60] p = 0.97962 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.38614[AII] p = 0.301424 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 PELP1|ILMN\_1728684 (non-ER binding) PELP1|ILMN\_1728684 (non-ER binding) [<=60] p = 0.92979No detectable trend: [<=60] p = 0.40732No detectable trend: 16 16 [>60] p = 0.8523 |FC|<2 or adjPval>0.01 [>60] p = 0.067155 |FC|<2 or adjPval>0.01 [AII] p = 0.36463[AII] p = 0.022624 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 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 PELP1|ILMN\_1728684 (non-ER binding) PELP1|ILMN\_1728684 (non-ER binding) [<=60] p = 0.84825No detectable trend: [<=60] p = 0.77964No detectable trend: 16 16 [>60] p = 0.02786 [>60] p = 0.92858 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.30346[AII] p = 0.0402754 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 PELP1|ILMN\_1728684 (non-ER binding) PELP1|ILMN\_1728684 (non-ER binding) [<=60] p = 0.35782No detectable trend: [<=60] p = 0.15748No detectable trend: 16 16 [>60] p = 0.25482 |FC|<2 or adjPval>0.01 [>60] p = 0.54512 |FC|<2 or adjPval>0.01 [AII] p = 0.014824[AII] p = 0.00514854 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 PELP1|ILMN\_1728684 (non-ER binding)

iClust 10: N = 226 PELP1|ILMN\_1728684 (non-ER binding)

