iClust 1: N = 140 iClust 2: N = 72 SUZ12|ILMN\_1797813 (non-ER binding) SUZ12|ILMN\_1797813 (non-ER binding) [<=60] p = 0.36151 No detectable trend: [<=60] p = 0.53168No detectable trend: 16 16 [>60] p = 0.044018 [>60] p = 0.72522 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 3.9412e - 05[AII] p = 0.790764 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 SUZ12|ILMN\_1797813 (non-ER binding) SUZ12|ILMN\_1797813 (non-ER binding) [<=60] p = 0.79315[<=60] p = 0.22903No detectable trend: No detectable trend: 16 16 [>60] p = 0.0048412 |FC|<1.25 or adjPval>0.01 [>60] p = 0.1614 |FC|<1.25 or adjPval>0.01 [AII] p = 0.060704[AII] p = 0.69994 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 SUZ12|ILMN\_1797813 (non-ER binding) SUZ12|ILMN\_1797813 (non-ER binding) [<=60] p = 0.059976No detectable trend: [<=60] p = 0.72008No detectable trend: 16 16 [>60] p = 0.51733 [>60] p = 0.1318 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [All] p = 0.12135[AII] p = 0.906024 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 SUZ12|ILMN\_1797813 (non-ER binding) SUZ12|ILMN\_1797813 (non-ER binding) [<=60] p = 0.80591No detectable trend: [<=60] p = 0.76473No detectable trend: 16 16 [>60] p = 0.10881 |FC|<1.25 or adjPval>0.01 [>60] p = 0.030743|FC|<1.25 or adjPval>0.01 [AII] p = 0.50657[AII] p = 0.50534 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 SUZ12|ILMN\_1797813 (non-ER binding)

iClust 10: N = 226 SUZ12|ILMN\_1797813 (non-ER binding)

