iClust 1: N = 140 iClust 2: N = 72 RbAp46|ILMN_1770053 (non-ER binding) RbAp46|ILMN_1770053 (non-ER binding) [<=60] p = 0.645No detectable trend: [<=60] p = 0.80818No detectable trend: 16 16 [>60] p = 0.5093[>60] p = 0.78841 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.84173[AII] p = 0.870444 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 RbAp46|ILMN_1770053 (non-ER binding) RbAp46|ILMN_1770053 (non-ER binding) [<=60] p = 0.52897No detectable trend: [<=60] p = 0.17975No detectable trend: 16 16 [>60] p = 0.96202|FC|<2 or adjPval>0.01 [>60] p = 0.41279 |FC|<2 or adjPval>0.01 [AII] p = 0.79799[AII] p = 0.165614 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 RbAp46|ILMN_1770053 (non-ER binding) RbAp46|ILMN_1770053 (non-ER binding) [<=60] p = 0.94287No detectable trend: [<=60] p = 0.23613No detectable trend: 16 16 [>60] p = 0.41079 [>60] p = 0.65702|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.59193[AII] p = 0.116174 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 RbAp46|ILMN_1770053 (non-ER binding) RbAp46|ILMN_1770053 (non-ER binding) [<=60] p = 0.56055No detectable trend: [<=60] p = 0.83616No detectable trend: 16 16 [>60] p = 0.035556|FC|<2 or adjPval>0.01 [>60] p = 0.87399|FC|<2 or adjPval>0.01 [AII] p = 0.10302[AII] p = 0.147234 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 RbAp46|ILMN_1770053 (non-ER binding)

iClust 10: N = 226 RbAp46|ILMN_1770053 (non-ER binding)

