iClust 1: N = 140 iClust 2: N = 72 RMND1|ILMN_1694533 (non-ER binding) RMND1|ILMN_1694533 (non-ER binding) [<=60] p = 0.0099711 No detectable trend: [<=60] p = 0.90366No detectable trend: 16 16 [>60] p = 0.89096[>60] p = 0.073211 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.021393[AII] p = 0.000845464 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 RMND1|ILMN_1694533 (non-ER binding) RMND1|ILMN_1694533 (non-ER binding) [<=60] p = 0.98187[<=60] p = 0.1329No detectable trend: No detectable trend: 16 16 [>60] p = 0.26406|FC|<1.25 or adjPval>0.01 [>60] p = 0.096716|FC|<1.25 or adjPval>0.01 [AII] p = 0.017104[AII] p = 0.831444 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 RMND1|ILMN_1694533 (non-ER binding) RMND1|ILMN_1694533 (non-ER binding) [<=60] p = 0.40146No detectable trend: [<=60] p = 0.57761No detectable trend: 16 16 [>60] p = 0.022292 |FC|<1.25 or adjPval>0.01 [>60] p = 0.72573|FC|<1.25 or adjPval>0.01 [AII] p = 2.0201e-05[AII] p = 0.111324 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 RMND1|ILMN_1694533 (non-ER binding) RMND1|ILMN_1694533 (non-ER binding) [<=60] p = 0.63472[<=60] p = 0.36528No detectable trend: No detectable trend: 16 16 [>60] p = 0.34322|FC|<1.25 or adjPval>0.01 [>60] p = 8.1574e-05 |FC|<1.25 or adjPval>0.01 [AII] p = 0.46796[AII] p = 7.3346e - 094 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 RMND1|ILMN_1694533 (non-ER binding)

iClust 10: N = 226 RMND1|ILMN_1694533 (non-ER binding)

