iClust 1: N = 140 iClust 2: N = 72 KDM2B/FBXL10|ILMN_1794260 (non-ER binding KDM2B/FBXL10|ILMN_1794260 (non-ER binding [<=60] p = 0.37715No detectable trend: [<=60] p = 0.51578No detectable trend: 16 16 [>60] p = 0.31125 [>60] p = 0.52078|FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.37704[All] p = 0.165414 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9 20 40 60 80 20 40 60 80 100 100 Age at diagnosis Age at diagnosis iClust 3: N = 294 iClust 4: N = 344 KDM2B/FBXL10|ILMN_1794260 (non-ER binding KDM2B/FBXL10|ILMN_1794260 (non-ER binding [<=60] p = 0.04096No detectable trend: [<=60] p = 0.055834No detectable trend: 16 16 [>60] p = 0.043417 [>60] p = 0.83014 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.095229[All] p = 0.102384 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 KDM2B/FBXL10|ILMN_1794260 (non-ER binding KDM2B/FBXL10|ILMN_1794260 (non-ER binding [<=60] p = 0.58818No detectable trend: [<=60] p = 0.49334No detectable trend: 16 16 [>60] p = 0.36043|FC|<1.25 or adjPval>0.01 [>60] p = 0.91001 |FC|<1.25 or adjPval>0.01 [AII] p = 0.19329[AII] p = 0.594444 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9 20 40 60 80 20 40 60 80 100 100 Age at diagnosis Age at diagnosis iClust 7: N = 193 iClust 8: N = 300 KDM2B/FBXL10|ILMN_1794260 (non-ER binding KDM2B/FBXL10|ILMN_1794260 (non-ER binding [<=60] p = 0.1989[<=60] p = 0.16523No detectable trend: No detectable trend: 16 16 [>60] p = 0.96139|FC|<1.25 or adjPval>0.01 [>60] p = 0.057193 |FC|<1.25 or adjPval>0.01 [All] p = 0.1973[All] p = 0.0114114 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 KDM2B/FBXL10|ILMN_1794260 (non-ER bindin

iClust 10: N = 226 KDM2B/FBXL10|ILMN_1794260 (non-ER binding

