iClust 1: N = 140 iClust 2: N = 72 KDM6B/JMJD3|ILMN_2397521 (non-ER binding KDM6B/JMJD3|ILMN_2397521 (non-ER binding [<=60] p = 0.89439No detectable trend: [<=60] p = 0.38066No detectable trend: 16 16 [>60] p = 0.36493|FC|<4 or adjPval>0.01 [>60] p = 0.23793 |FC|<4 or adjPval>0.01 [AII] p = 0.33076[AII] p = 0.683754 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 3: N = 294 iClust 4: N = 344 KDM6B/JMJD3|ILMN_2397521 (non-ER binding KDM6B/JMJD3|ILMN_2397521 (non-ER binding [<=60] p = 0.89905No detectable trend: [<=60] p = 0.060217No detectable trend: 16 16 [>60] p = 0.93547|FC|<4 or adjPval>0.01 [>60] p = 0.13342 |FC|<4 or adjPval>0.01 [All] p = 0.53819[All] p = 0.976844 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ∞ 9

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100

iClust 5: N = 191 iClust 6: N = 86 KDM6B/JMJD3|ILMN_2397521 (non-ER binding KDM6B/JMJD3|ILMN_2397521 (non-ER binding [<=60] p = 0.16799No detectable trend: [<=60] p = 0.95247No detectable trend: 16 16 [>60] p = 0.97928 |FC|<4 or adjPval>0.01 [>60] p = 0.18639 |FC|<4 or adjPval>0.01 [AII] p = 0.20999[AII] p = 0.704434 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ∞ ∞ 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 KDM6B/JMJD3|ILMN_2397521 (non-ER binding KDM6B/JMJD3|ILMN_2397521 (non-ER binding [<=60] p = 0.045572[<=60] p = 0.5119No detectable trend: No detectable trend: 16 16 [>60] p = 0.36015|FC|<4 or adjPval>0.01 [>60] p = 0.7883|FC|<4 or adjPval>0.01 [All] p = 0.16785[AII] p = 0.882764 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 9: N = 146 KDM6B/JMJD3|ILMN_2397521 (non-ER binding

iClust 10: N = 226 KDM6B/JMJD3|ILMN_2397521 (non-ER binding

