iClust 1: N = 140iClust 2: N = 72 G9a|ILMN_1700791 G9a|ILMN_1700791 NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi [<=60] p = 0.34175[<=60] p = 0.4811No detectable trend: No detectable trend: 16 16 [>60] p = 0.49942|FC|<4 or adjPval>0.01 [>60] p = 0.94001|FC|<4 or adjPval>0.01 [AII] p = 0.63909[AII] p = 0.599054 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

G9a|ILMN_1700791 G9a|ILMN_1700791 NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi [<=60] p = 0.0064074No detectable trend: [<=60] p = 0.71531No detectable trend: 16 16 [>60] p = 0.24074|FC|<4 or adjPval>0.01 [>60] p = 0.61565 |FC|<4 or adjPval>0.01 [AII] p = 0.4207[All] p = 0.749764 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

iClust 4: N = 344

Age at diagnosis

iClust 3: N = 294

Age at diagnosis

iClust 5: N = 191 iClust 6: N = 86 G9a|ILMN_1700791 G9a|ILMN_1700791 NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi [<=60] p = 0.67807No detectable trend: [<=60] p = 0.77261No detectable trend: 16 16 [>60] p = 0.80388|FC|<4 or adjPval>0.01 [>60] p = 0.56777 |FC|<4 or adjPval>0.01 [AII] p = 0.4438[AII] p = 0.586514 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 = 193iClust 8: N = 300G9a|ILMN_1700791 G9a|ILMN_1700791 NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi [<=60] p = 0.90952No detectable trend: [<=60] p = 0.55773No detectable trend: 16 16 [>60] p = 0.91499 |FC|<4 or adjPval>0.01 [>60] p = 0.084259 |FC|<4 or adjPval>0.01 [AII] p = 0.059997[All] p = 0.102564 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100

iClust 9: N = 146 G9a|ILMN_1700791 iClust 10: N = 226 G9a|ILMN_1700791

NKI Tier 1: non-ER binding; Tier 2: non-ER bindi NKI Tier 1: non-ER binding; Tier 2: non-ER bindi

