iClust 1: N = 140 iClust 2: N = 72 GLT8D2|ILMN_1802654 (non-ER binding) GLT8D2|ILMN_1802654 (non-ER binding) [<=60] p = 0.023337No detectable trend: [<=60] p = 0.32547No detectable trend: 16 16 [>60] p = 0.41966[>60] p = 0.25072 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.00067019[AII] p = 0.0120864 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 GLT8D2|ILMN_1802654 (non-ER binding) GLT8D2|ILMN_1802654 (non-ER binding) [<=60] p = 0.49046No detectable trend: [<=60] p = 0.70892No detectable trend: 16 16 [>60] p = 0.64669|FC|<2 or adjPval>0.01 [>60] p = 3.9745e-05 |FC|<2 or adjPval>0.01 [AII] p = 5.2623e - 08[AII] p = 1.1467e - 064 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω

9

20

40

60

Age at diagnosis

80

100

9

20

40

60

Age at diagnosis

80

100

iClust 5: N = 191 iClust 6: N = 86 GLT8D2|ILMN_1802654 (non-ER binding) GLT8D2|ILMN_1802654 (non-ER binding) [<=60] p = 0.34883No detectable trend: [<=60] p = 0.75164No detectable trend: 16 16 [>60] p = 0.33967[>60] p = 0.98767|FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.67043[AII] p = 0.000575694 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 GLT8D2|ILMN_1802654 (non-ER binding) GLT8D2|ILMN_1802654 (non-ER binding) [<=60] p = 0.039264No detectable trend: [<=60] p = 0.11976No detectable trend: 16 16 [>60] p = 0.24918 |FC|<2 or adjPval>0.01 [>60] p = 0.42526|FC|<2 or adjPval>0.01 [AII] p = 0.0124[AII] p = 4.9376e - 054 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 GLT8D2|ILMN_1802654 (non-ER binding)

iClust 10: N = 226 GLT8D2|ILMN_1802654 (non-ER binding)

