iClust 1: N = 140 iClust 2: N = 72 SLC26A3|ILMN_1760087 (non-ER binding) SLC26A3|ILMN_1760087 (non-ER binding) [<=60] p = 0.33659No detectable trend: [<=60] p = 0.50942No detectable trend: 16 16 [>60] p = 0.47281 [>60] p = 0.12773 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.99387[AII] p = 0.409994 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 SLC26A3|ILMN_1760087 (non-ER binding) SLC26A3|ILMN_1760087 (non-ER binding) [<=60] p = 0.15555 [<=60] p = 0.065918No detectable trend: No detectable trend: 16 16 [>60] p = 0.78982|FC|<2 or adjPval>0.01 [>60] p = 0.9102 |FC|<2 or adjPval>0.01 [AII] p = 0.006162[AII] p = 7.9135e - 064 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 5: N = 191 iClust 6: N = 86 SLC26A3|ILMN_1760087 (non-ER binding) SLC26A3|ILMN_1760087 (non-ER binding) [<=60] p = 0.96674No detectable trend: [<=60] p = 0.31405No detectable trend: 16 16 [>60] p = 0.5448[>60] p = 0.61938 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.57996[AII] p = 0.714834 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 SLC26A3|ILMN_1760087 (non-ER binding) SLC26A3|ILMN_1760087 (non-ER binding) [<=60] p = 0.13388[<=60] p = 0.013086No detectable trend: No detectable trend: 16 16 [>60] p = 0.070708|FC|<2 or adjPval>0.01 [>60] p = 0.12312 |FC|<2 or adjPval>0.01 [AII] p = 0.0011334[AII] p = 6.3114e - 064 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 SLC26A3|ILMN_1760087 (non-ER binding)

iClust 10: N = 226 SLC26A3|ILMN_1760087 (non-ER binding)

