Shc|ILMN_1773153 Shc|ILMN_1773153 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.76823No detectable trend: [<=60] p = 0.119No detectable trend: 16 16 [>60] p = 0.10752 [>60] p = 0.34095|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.29505[AII] p = 0.679354 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 = 294iClust 4: N = 344Shc|ILMN_1773153 Shc|ILMN_1773153 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.38614No detectable trend: [<=60] p = 0.26998No detectable trend: 16 16 [>60] p = 0.89107[>60] p = 0.027832 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.00044478[AII] p = 0.894644 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω

9

20

40

60

Age at diagnosis

80

100

iClust 2: N = 72

iClust 1: N = 140

20

40

60

Age at diagnosis

80

100

Shc|ILMN_1773153 Shc|ILMN_1773153 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.74849No detectable trend: [<=60] p = 0.62302No detectable trend: 16 16 [>60] p = 0.048517 [>60] p = 0.024802 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.11678[AII] p = 0.218554 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 = 300Shc|ILMN_1773153 Shc|ILMN_1773153 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.075995No detectable trend: [<=60] p = 0.22982No detectable trend: 16 16 [>60] p = 0.7736[>60] p = 0.052597 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [All] p = 0.39525[AII] p = 0.767574 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9

iClust 6: N = 86

iClust 5: N = 191

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100

60

Age at diagnosis

80

100

40

20

iClust 9: N = 146

iClust 10: N = 226 Shc|ILMN_1773153

NKI Tier 1: ER binding; Tier 2: ER binding

