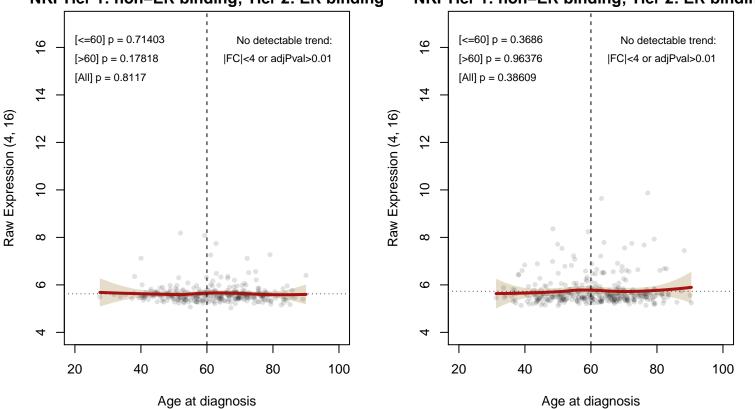
iClust 1: N = 140iClust 2: N = 72 CA9|ILMN_1725139 CA9|ILMN_1725139 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.52436No detectable trend: [<=60] p = 0.54513No detectable trend: 16 16 [>60] p = 0.86024[>60] p = 0.041755 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.86076[AII] p = 0.0831974 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 = 344CA9|ILMN_1725139 CA9|ILMN_1725139 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.71403No detectable trend: [<=60] p = 0.3686No detectable trend: 16 16 [>60] p = 0.17818 |FC|<4 or adjPval>0.01 [>60] p = 0.96376 |FC|<4 or adjPval>0.01 [AII] p = 0.8117[AII] p = 0.386094 4 12 12



CA9|ILMN_1725139 CA9|ILMN_1725139 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.6044No detectable trend: [<=60] p = 0.010927No detectable trend: 16 16 [>60] p = 0.80625[>60] p = 0.65775 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.38552[AII] p = 0.678674 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 8: N = 300iClust 7: N = 193CA9|ILMN_1725139 CA9|ILMN_1725139 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.39452No detectable trend: [<=60] p = 0.33985No detectable trend: 16 16 [>60] p = 0.023388 [>60] p = 0.34114 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.046078[All] p = 0.356254 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10

ω

9

20

40

60

Age at diagnosis

80

100

iClust 6: N = 86

iClust 5: N = 191

ω

9

20

40

60

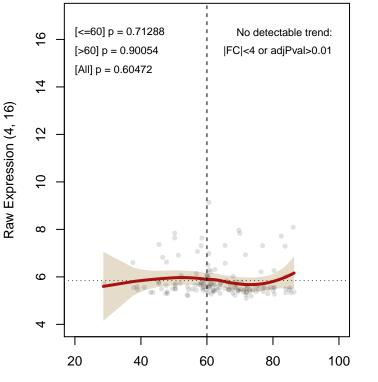
Age at diagnosis

80

100

iClust 9: N = 146 CA9|ILMN_1725139

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



Age at diagnosis

iClust 10: N = 226 CA9|ILMN_1725139

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

