iClust 1: N = 140 iClust 2: N = 72 AR|ILMN\_1659572 AR|ILMN\_1659572 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.59035No detectable trend: [<=60] p = 0.86464No detectable trend: 16 16 [>60] p = 0.42543 |FC|<2 or adjPval>0.01 [>60] p = 0.0084472 |FC|<2 or adjPval>0.01 [AII] p = 0.024565[AII] p = 0.076474 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 = 344AR|ILMN\_1659572 AR|ILMN\_1659572 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.091674No detectable trend: [<=60] p = 0.73964No detectable trend: 16 16 [>60] p = 0.0064069 |FC|<2 or adjPval>0.01 [>60] p = 0.26907 |FC|<2 or adjPval>0.01 [AII] p = 0.0046528[AII] p = 0.27814 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 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 AR|ILMN\_1659572 AR|ILMN\_1659572 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.72488[<=60] p = 0.32989No detectable trend: No detectable trend: 16 16 [>60] p = 0.75009|FC|<2 or adjPval>0.01 [>60] p = 0.04578 |FC|<2 or adjPval>0.01 [AII] p = 0.42963[AII] p = 0.0513094 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 9 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis iClust 7: N = 193iClust 8: N = 300 AR|ILMN\_1659572 AR|ILMN\_1659572 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.23765No detectable trend: [<=60] p = 0.31491No detectable trend: 16 16 [>60] p = 0.3165 |FC|<2 or adjPval>0.01 [>60] p = 0.060781 |FC|<2 or adjPval>0.01 [All] p = 0.12166[AII] p = 0.00330614 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10  $\infty$  $\infty$ 9 9

20

40

60

Age at diagnosis

80

100

20

40

60

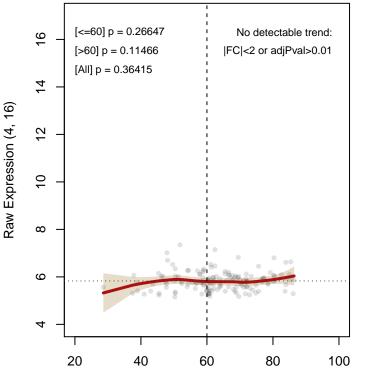
Age at diagnosis

80

100

iClust 9: N = 146 AR|ILMN\_1659572

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



Age at diagnosis

iClust 10: N = 226 AR|ILMN\_1659572

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

