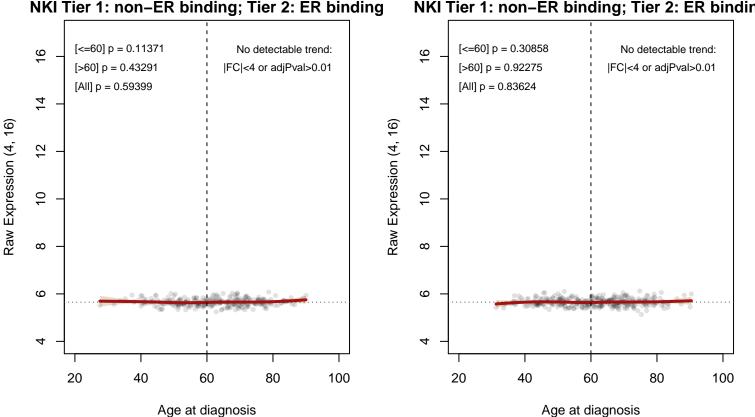
iClust 1: N = 140iClust 2: N = 72 DVL|ILMN\_1678564 DVL|ILMN\_1678564 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.74863No detectable trend: [<=60] p = 0.43942No detectable trend: 16 16 [>60] p = 0.61454 [>60] p = 0.067267 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.93249[AII] p = 0.025154 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 9 9 20 40 60 80 100 20 40 60 80 100 Age at diagnosis Age at diagnosis iClust 3: N = 294iClust 4: N = 344DVL|ILMN\_1678564 DVL|ILMN\_1678564 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.11371No detectable trend: [<=60] p = 0.30858No detectable trend: 16 16 [>60] p = 0.43291 |FC|<4 or adjPval>0.01 [>60] p = 0.92275 |FC|<4 or adjPval>0.01 [AII] p = 0.59399[AII] p = 0.836244 4



iClust 5: N = 191 iClust 6: N = 86DVL|ILMN\_1678564 DVL|ILMN\_1678564 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.30326[<=60] p = 0.6716No detectable trend: No detectable trend: 16 16 [>60] p = 0.52123 |FC|<4 or adjPval>0.01 [>60] p = 0.94155 |FC|<4 or adjPval>0.01 [AII] p = 0.26191[AII] p = 0.107354 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 8: N = 300iClust 7: N = 193DVL|ILMN\_1678564 DVL|ILMN\_1678564 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.71606No detectable trend: [<=60] p = 0.076853No detectable trend: 16 16 [>60] p = 0.88194 [>60] p = 0.84448|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.65981[AII] p = 0.17984 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω  $\infty$ 9

20

40

60

Age at diagnosis

80

100

20

40

60

Age at diagnosis

80

100

iClust 9: N = 146 DVL|ILMN\_1678564

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

60

Age at diagnosis

80

100

40

20

iClust 10: N = 226 DVL|ILMN\_1678564

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

