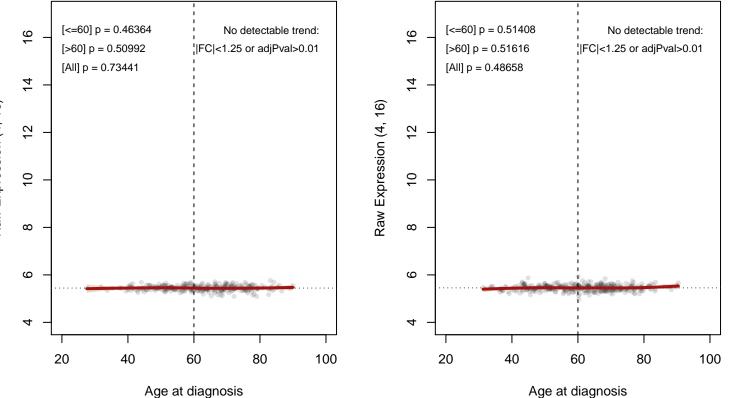
iClust 1: N = 140iClust 2: N = 72 HIF3alpha|ILMN\_1808409 HIF3alpha|ILMN\_1808409 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.46042[<=60] p = 0.36812No detectable trend: No detectable trend: 16 16 [>60] p = 0.38125 [>60] p = 0.25815 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.91198[AII] p = 0.667584 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 = 344HIF3alpha|ILMN\_1808409 HIF3alpha|ILMN\_1808409 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.46364[<=60] p = 0.51408No detectable trend: No detectable trend: 16 16 [>60] p = 0.50992[>60] p = 0.51616 |FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [All] p = 0.73441[AII] p = 0.486584 4 Raw Expression (4, 16) 12 12



HIF3alpha|ILMN\_1808409 HIF3alpha|ILMN\_1808409 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.83918 [<=60] p = 0.63164 No detectable trend: No detectable trend: 16 16 [>60] p = 0.25245 [>60] p = 0.98659|FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.23215[All] p = 0.776354 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 7: N = 193iClust 8: N = 300HIF3alpha|ILMN\_1808409 HIF3alpha|ILMN\_1808409 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.31638[<=60] p = 0.14164No detectable trend: No detectable trend: 16 16 [>60] p = 0.55943[>60] p = 0.70727|FC|<1.25 or adjPval>0.01 |FC|<1.25 or adjPval>0.01 [AII] p = 0.11027[All] p = 0.946574 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10

 $\infty$ 

9

20

40

60

Age at diagnosis

80

100

iClust 6: N = 86

iClust 5: N = 191

ω

9

20

40

60

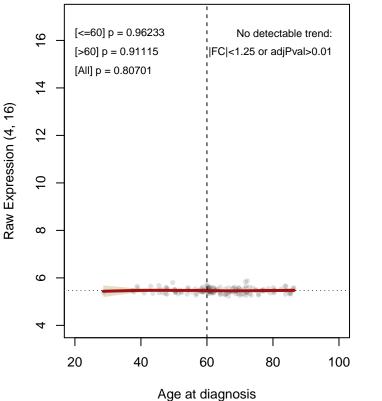
Age at diagnosis

80

100

iClust 9: N = 146 HIF3alpha|ILMN\_1808409

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



iClust 10: N = 226 HIF3alpha|ILMN\_1808409

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

