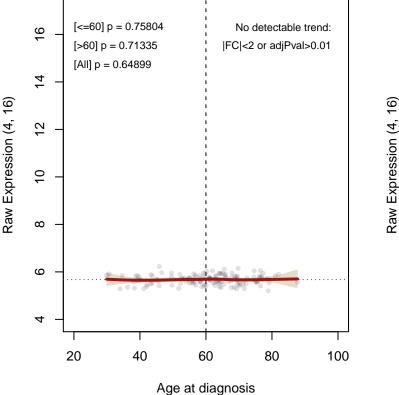
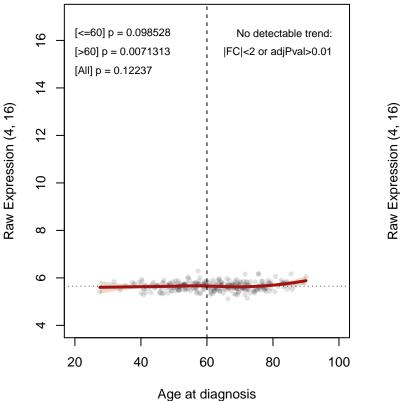
iClust 1: N = 140DVL|ILMN\_1657278 NKI Tier 1: non-ER binding; Tier 2: ER binding

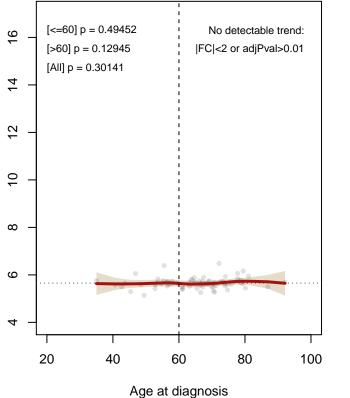


iClust 3: N = 294 DVL|ILMN\_1657278 NKI Tier 1: non-ER binding; Tier 2: ER binding



iClust 2: N = 72 DVL|ILMN\_1657278 NKI Tier 1: non-ER binding; Tier 2: ER binding

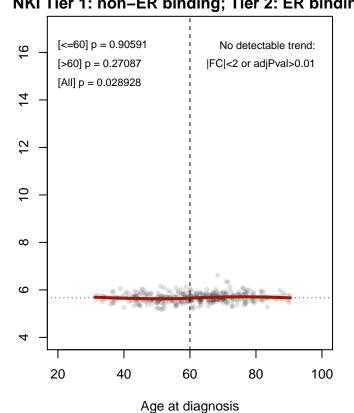




DVL|ILMN\_1657278 NKI Tier 1: non-ER binding; Tier 2: ER binding

iClust 4: N = 344





iClust 5: N = 191 iClust 6: N = 86DVL|ILMN\_1657278 DVL|ILMN\_1657278 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.58544 [<=60] p = 0.0019877 No detectable trend: No detectable trend: 16 16 [>60] p = 0.89713 |FC|<2 or adjPval>0.01 [>60] p = 0.08474 |FC|<2 or adjPval>0.01 [AII] p = 0.036119[AII] p = 0.997944 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 = 193 iClust 8: N = 300DVL|ILMN\_1657278 DVL|ILMN\_1657278 NKI Tier 1: non-ER binding; Tier 2: ER binding NKI Tier 1: non-ER binding; Tier 2: ER binding [<=60] p = 0.38084No detectable trend: [<=60] p = 0.41285No detectable trend: 16 16 [>60] p = 0.037354 [>60] p = 0.043919 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [All] p = 0.95935[AII] p = 0.898094 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\_1657278

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

By State Sta

60

Age at diagnosis

80

100

40

4

20

iClust 10: N = 226 DVL|ILMN\_1657278

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

