CDK4|ILMN_1689001 CDK4|ILMN_1689001 NKI Tier 1: ER binding; Tier 2: ER binding NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.052742No detectable trend: [<=60] p = 0.56904No detectable trend: 16 16 [>60] p = 0.062033 |FC|<2 or adjPval>0.01 [>60] p = 0.19314 |FC|<2 or adjPval>0.01 [AII] p = 2.7784e - 10[AII] p = 0.356094 4 Raw Expression (4, 16) Raw Expression (4, 16) 12 12 10 10 ω ω 9 9 20 40 60 80 20 40 60 80 100 100 Age at diagnosis Age at diagnosis ER-/HER2-: N = 335ER-/HER2+: N = 139CDK4|ILMN_1689001 CDK4|ILMN_1689001 NKI Tier 1: ER binding; Tier 2: ER binding [<=60] p = 0.9173No detectable trend: [<=60] p = 0.75269No detectable trend: 16 16 [>60] p = 0.33015[>60] p = 0.69751 |FC|<2 or adjPval>0.01 |FC|<2 or adjPval>0.01 [AII] p = 0.6049[AII] p = 0.684284 4

ER+/HER2+: N = 110

ER+/HER2-: N = 1408

