**PAM50 LumA: N = 721 PAM50 LumB: N = 492** KDM2B/FBXL10|ILMN\_1794260 (non-ER binding KDM2B/FBXL10|ILMN\_1794260 (non-ER binding [<=60] p = 0.29777No detectable trend: [<=60] p = 0.39884No detectable trend: 16 16 [>60] p = 0.29684 [>60] p = 0.69227 |FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [AII] p = 0.70479[All] p = 0.213624 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 PAM50 Her2: N = 240 **PAM50 Basal: N = 331** KDM2B/FBXL10|ILMN\_1794260 (non-ER binding KDM2B/FBXL10|ILMN\_1794260 (non-ER binding [<=60] p = 0.02628[<=60] p = 0.59871No detectable trend: No detectable trend: 9 9 [>60] p = 0.38088[>60] p = 0.087764|FC|<4 or adjPval>0.01 |FC|<4 or adjPval>0.01 [All] p = 0.25648[AII] p = 0.0739844 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

## PAM50 Normal: N = 202 KDM2B/FBXL10|ILMN\_1794260 (non-ER binding

