ForeBrain - C2cd5 Methylation Analysis Correlation Range: -0.947 to 0.942 | Max Fold Change: 23.62 | Min adj. p-value: 0.029 ForeBrain – C2cd5 Raw Expression Levels Over Time Raw Expression Developmental Stage Isoform → NM\_001109688 → NM\_001286578 → NM\_029081 → NM\_029897 ForeBrain - C2cd5 Methylation vs Expression Region: gene\_body K² = U.8 0.8 0.6 Expression (Replf) 0.2  $R^2 = 0.2$ 80.0 80.5 81.0 81.5 82.0 Methylation Isoform → NM\_001109688 → NM\_001286578 → NM\_029081 → NM\_029897 ForeBrain - C2cd5 Relative Methylation and Expression Over Time Solid: Methylation Dashed: Expression 0.75 Relative Value 0.25 0.00 Developmental Stage Isoform → NM\_001109688 → NM\_001286578 → NM\_029081 → NM\_029897 ForeBrain - C2cd5 Methylation States Along the Region 100 Methylation Level 143025000 143050000 143075000 143100000 Position → e10.5 → e12.5 → e14.5 → e16.5

Stage

**→** e11.5 **→** e13.5 **→** e15.5 **→** p0