ForeBrain – Frmd4a Methylation Analysis Correlation Range: -0.911 to 0.956 | Max Fold Change: 3.97 | Min adj. p-value: 0.026 ForeBrain – Frmd4a Raw Expression Levels Over Time Raw Expression Developmental Stage Isoform → NM_001177843 → NM_001177844 → NM_172475 ForeBrain – Frmd4a Methylation vs Expression Region: gene_body 0.6 Expression (Replf) $R^2 = 0.9$ 0.2 $R^2 = 0.8$ Methylation Isoform → NM_001177843 → NM_001177844 → NM_172475 ForeBrain - Frmd4a Relative Methylation and Expression Over Time Solid: Methylation Dashed: Expression 0.75 Relative Value 0.25 0.00 Developmental Stage Isoform → NM_001177843 → NM_001177844 → NM_172475 ForeBrain – Frmd4a Methylation States Along the Region 100 75 Methylation Level 25 4200000 4300000 4400000 4500000 4600000 Position **→** e10.5 **→** e12.5 **→** e14.5 **→** e16.5

Stage

→ e11.5 → e13.5 → e15.5 → p0