ForeBrain – Ica1 Methylation Analysis Correlation Range: -0.946 to 0.946 | Max Fold Change: 1.57 | Min adj. p-value: 0.029 ForeBrain – Ica1 Raw Expression Levels Over Time Raw Expression 10 1,5 Developmental Stage Isoform → NM_001252266 → NM_010492 ForeBrain – Ica1 Methylation vs Expression Region: gene_body 0.60 0.55 Expression (Replf) 0.45 77 78 79 80 Methylation Isoform → NM_001252266 → NM_010492 ForeBrain - Ica1 Relative Methylation and Expression Over Time Solid: Methylation Dashed: Expression 0.75 Relative Value 0.25 0.00 Developmental Stage Isoform → NM_001252266 → NM_010492 ForeBrain – Ica1 Methylation States Along the Region 100 75 Methylation Level 8650000 8700000 8750000 Position → e10.5 → e12.5 → e14.5 → e16.5 Stage

→ e11.5 → e13.5 → e15.5 → p0