ForeBrain - Shtn1 Methylation Analysis Correlation Range: -0.953 to 0.953 | Max Fold Change: 15.93 | Min adj. p-value: 0.026 ForeBrain - Shtn1 Raw Expression Levels Over Time 10 Raw Expression Developmental Stage Isoform → NM_001114312 → NM_175172 ForeBrain – Shtn1 Methylation vs Expression Region: gene_body 1.00 0.75 Expression (Replf) 0.25 0.00 70.0 Methylation 67.5 72.5 Isoform → NM_001114312 → NM_175172 ForeBrain - Shtn1 Relative Methylation and Expression Over Time Solid: Methylation _Dashed: Expression 0.75 Relative Value 0.25 0.00 Developmental Stage Isoform → NM_001114312 → NM_175172 ForeBrain – Shtn1 Methylation States Along the Region 100 75 Methylation Level 58975000 59000000 59025000 59050000 59075000 Position

→ e10.5 → e12.5 → e14.5 → e16.5

→ e11.5 → e13.5 → e15.5 → p0

Stage