ForeBrain – Abl1 Methylation Analysis Correlation Range: -0.939 to 0.952 | Max Fold Change: 20.29 | Min adj. p-value: 0.028 ForeBrain - Abl1 Raw Expression Levels Over Time Raw Expression Developmental Stage Isoform → NM\_001112703 → NM\_001283045 → NM\_001283046 → NM\_001283047 → NM\_009594 ForeBrain – Abl1 Methylation vs Expression Region: gene\_body 0.6 Expression (Replf)  $R^2 = 0.8$ 0.2  $R^2 = 0.6$ 72 73 74 75 Methylation Isoform → NM\_001112703 → NM\_001283045 → NM\_001283046 → NM\_001283047 → NM\_009594 ForeBrain - Abl1 Relative Methylation and Expression Over Time Solid: Methylation Dashed: Expression 0.75 Relative Value 0.25 0.00 Developmental Stage Isoform → NM\_001112703 → NM\_001283045 → NM\_001283046 → NM\_001283047 → NM\_009594 ForeBrain - Abl1 Methylation States Along the Region 100 75 Methylation Level 31740000 31710000 31770000 31800000 Position → e10.5 → e12.5 → e14.5 → e16.5 Stage e11.5 e13.5 e15.5 p0