ForeBrain – Mtcl1 Methylation Analysis Correlation Range: -0.926 to 0.926 | Max Fold Change: 12.57 | Min adj. p-value: 0.035 ForeBrain - Mtcl1 Raw Expression Levels Over Time Raw Expression Developmental Stage Isoform → NM\_001114098 → NM\_172963 ForeBrain – Mtcl1 Methylation vs Expression Region: gene\_body  $R^2 = 0.8$ 0.75 Expression (Replf) 0.25  $R^2 = 0.8$ 71 Methylation 69 70 72 Isoform → NM\_001114098 → NM\_172963 ForeBrain - Mtcl1 Relative Methylation and Expression Over Time Solid: Methylation Dashed: Expression 0.75 Relative Value 0.25 0.00 Developmental Stage Isoform → NM\_001114098 → NM\_172963 ForeBrain – Mtcl1 Methylation States Along the Region 100 75 Methylation Level 0 66360000 66390000 66450000 66330000 66420000 Position → e10.5 → e12.5 → e14.5 → e16.5 Stage → e11.5 → e13.5 → e15.5 → p0