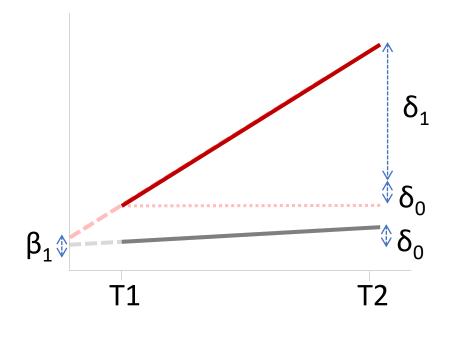
	Analysis	Annotation	Expression
1.		Reference genome	RNA-Seq reads (WT = $29$ , TG = $30$ )
2.		Iso-Seq defined transcriptome $(n = 12)$	RNA-Seq reads (WT = $29$ , TG = $30$ )
3.		Iso-Seq defined transcriptome $(n = 12)$	Iso-Seq reads $(WT = 6, TG = 6)$



## Inference from regression coefficients

 $\beta_{\,\scriptscriptstyle 1}:$  WT vs TG at T1  $\delta_0$ : WT over time  $\delta_1$ : WT vs TG over time

Model	$\beta_1$ CasevsControl	δ <sub>0</sub> Time	$\delta_1$ TimexCase	Condition	Effects
1	<b>✓</b>	X	X		Genotype
2	<b>✓</b>	<b>✓</b>	X		Genotype + Age
3	X	<b>√</b>	X		Age
4	X	<b>√</b>	<b>√</b>		Interaction
5	X	X	<b>✓</b>		Interaction
6	<b>✓</b>	X	<b>√</b>		Interaction
7	<b>√</b>	<b>√</b>	<b>√</b>		Interaction