

FETAL ILCP BIOMARK



General informations

Samples:

2 x 48 well plates
24 single cells LTiP
24 single cells ILCP
22 single cells $\alpha_4\beta_7$
6 well of 10 cells of each

Genes:

66 Solaris Assay
27 Taqman Assay
93 Assay in total

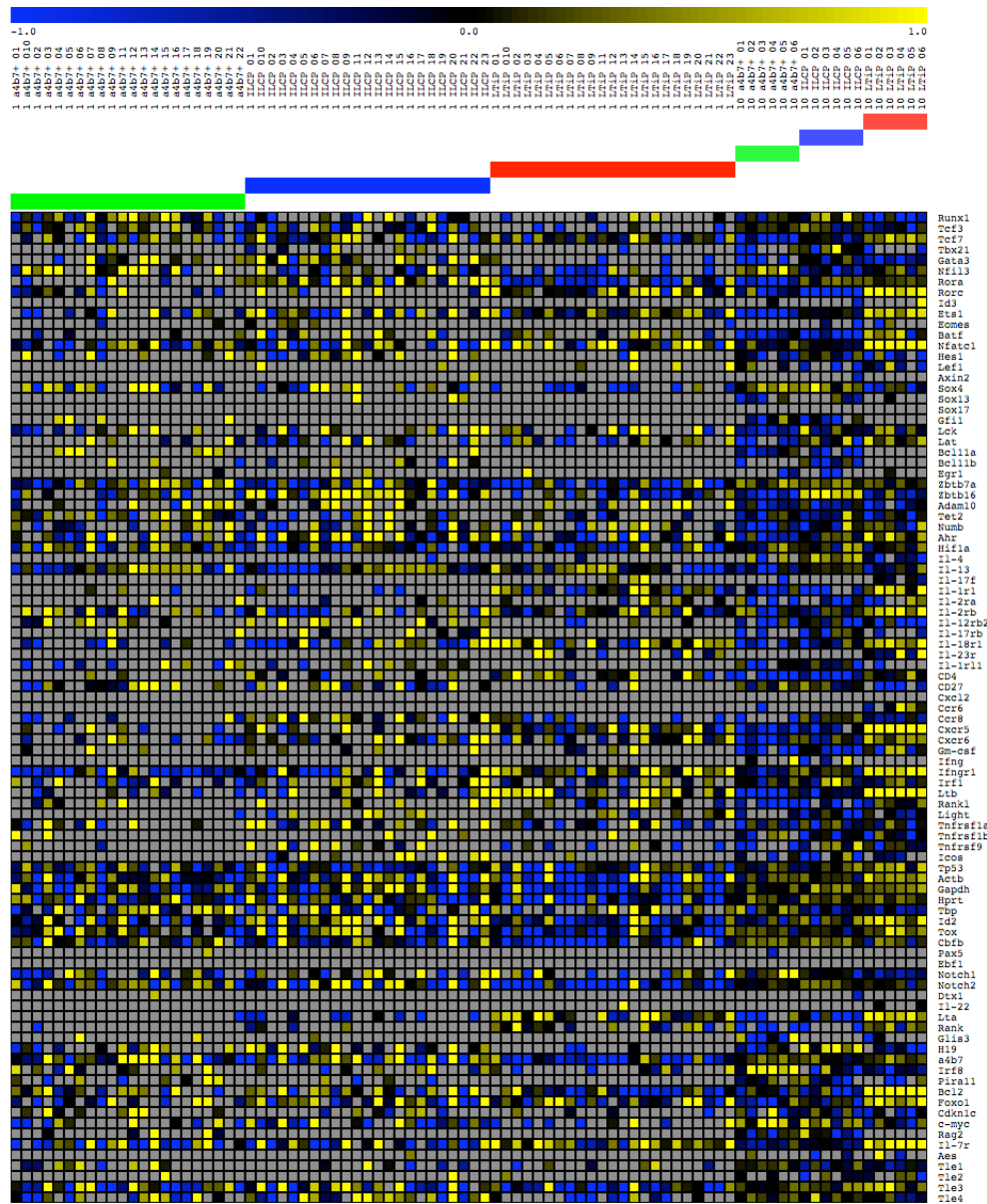
Biomark runs:

1 96x96 chip (Solaris Assays)
2 48x48 chips (Taqman Assays)

Analysis:

Single cells considered positive if at least 3 housekeeping genes are expressed
Each gene is analyzed by ΔC_t method (with average of 3 housekeeping genes
Actb, Hprt and Gapdh)

Overall results

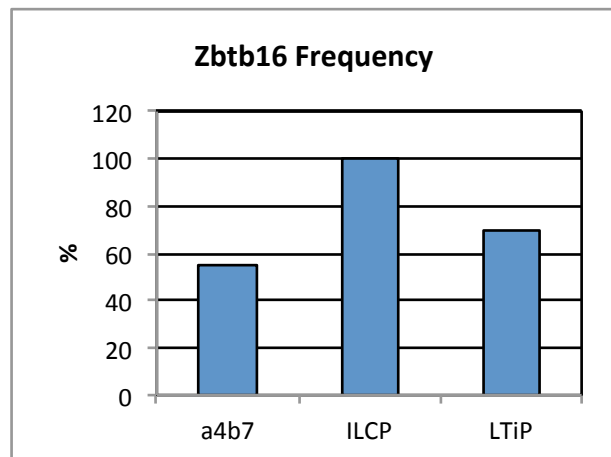


Analyzed single cells:
 23/24 single cells LTiP (Red)
 23/24 single cells ILCP (Blue)
 22/22 single cells $\alpha_4\beta_7$ (Green)
 +6 wells of 10 cells of each

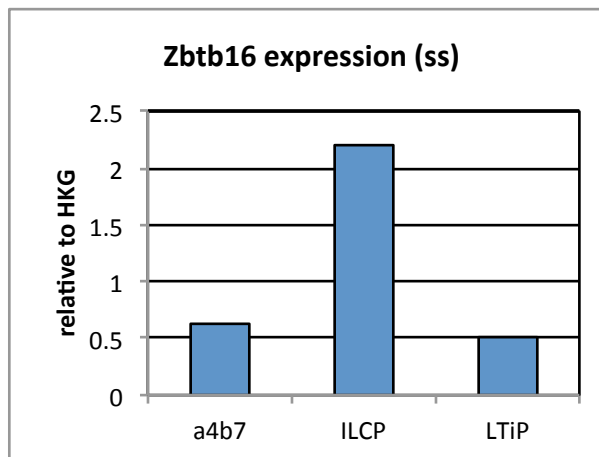
Legend:
 Columns: Sample
 Row: Assay
 Grey: Not Detected
 Blue: Low expression
 Yellow: High Expression

Results are presented as $-\Delta Ct$,
 each Gene expression is centered
 around median and at similar
 scales.

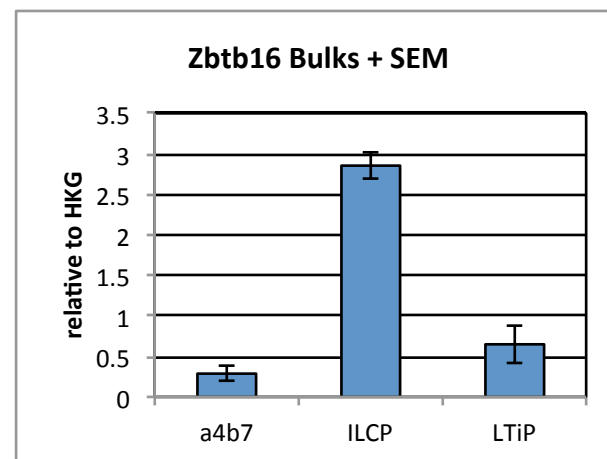
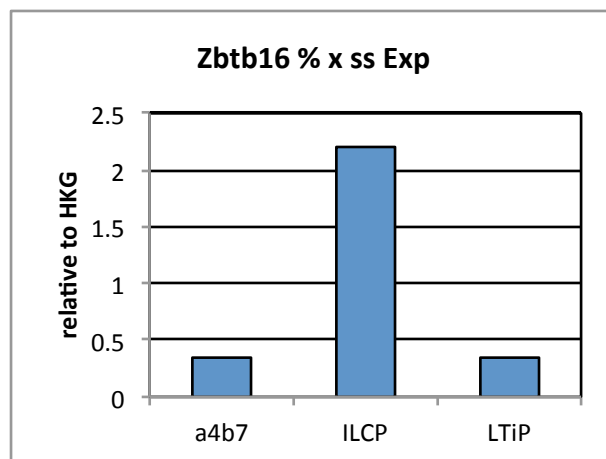
Frequencies, average single cell expression, average expression levels and bulks



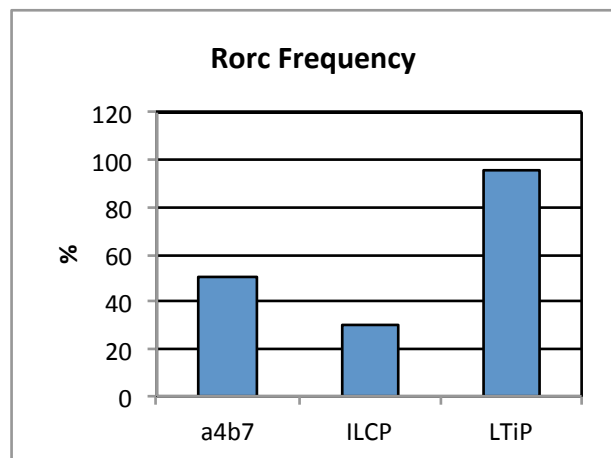
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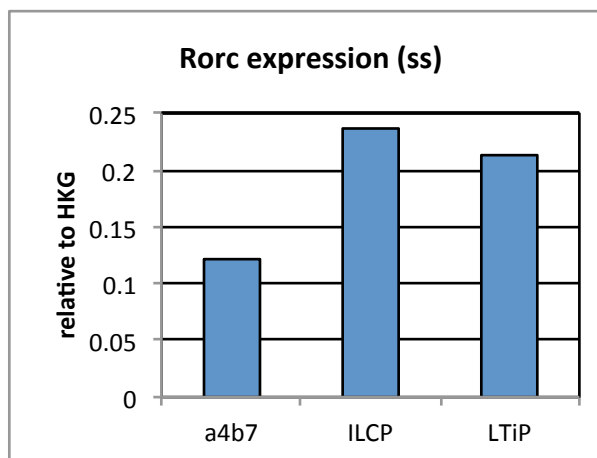
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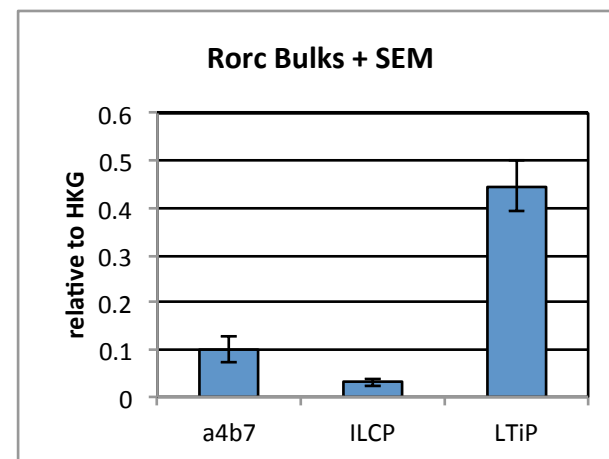
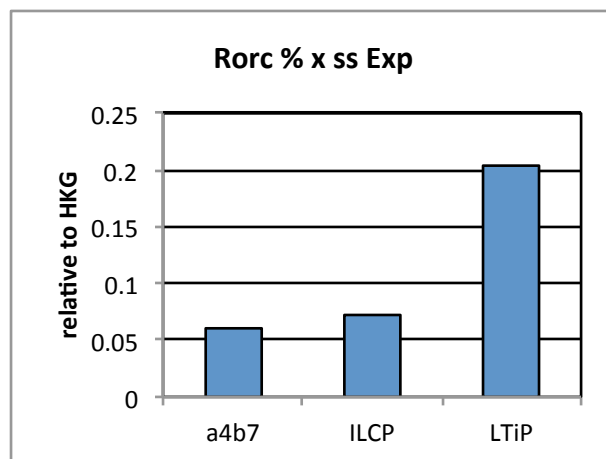
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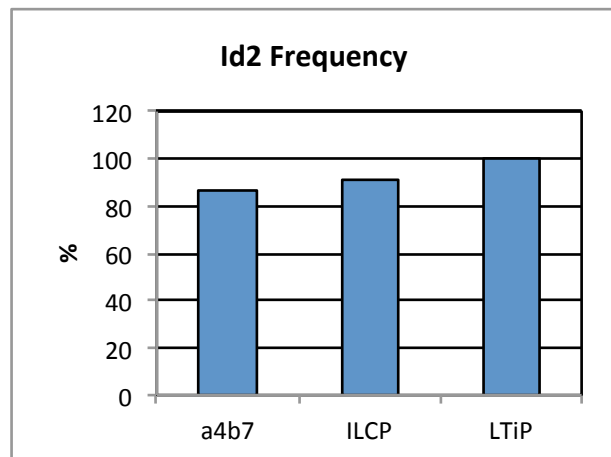
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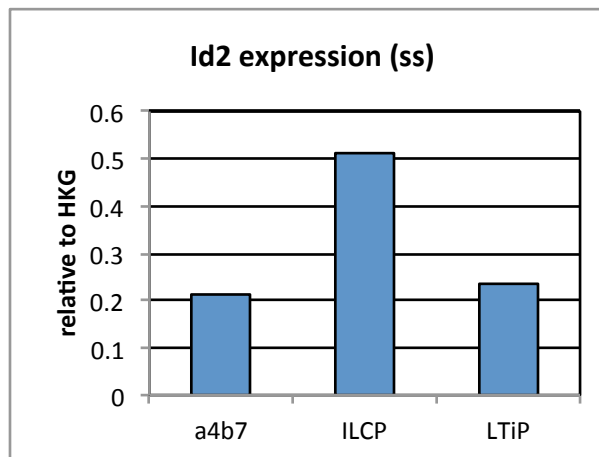
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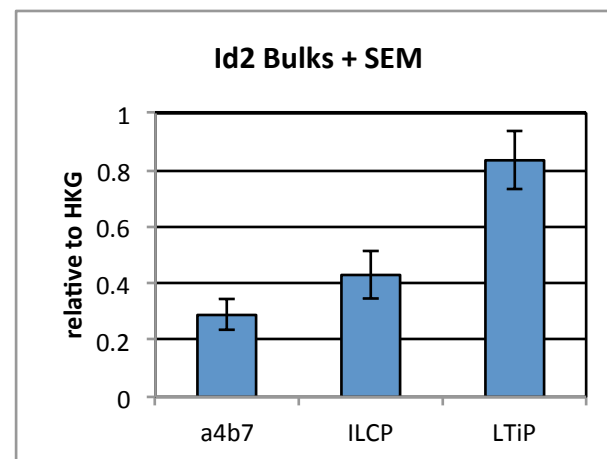
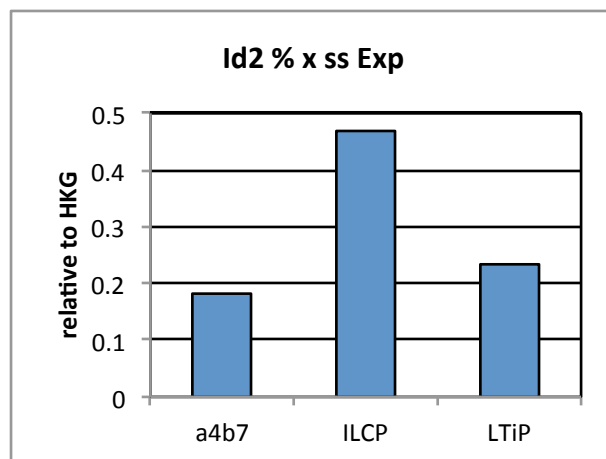
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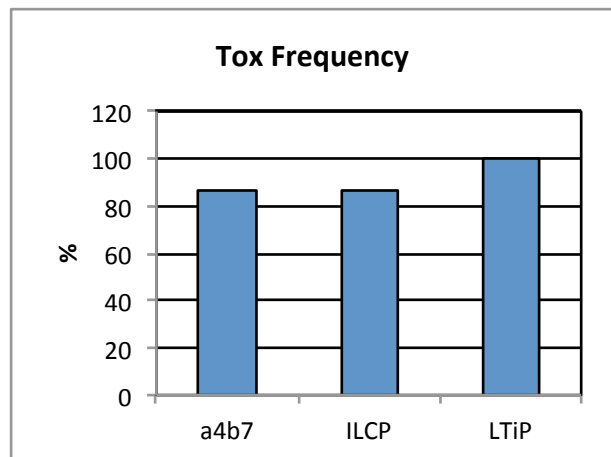
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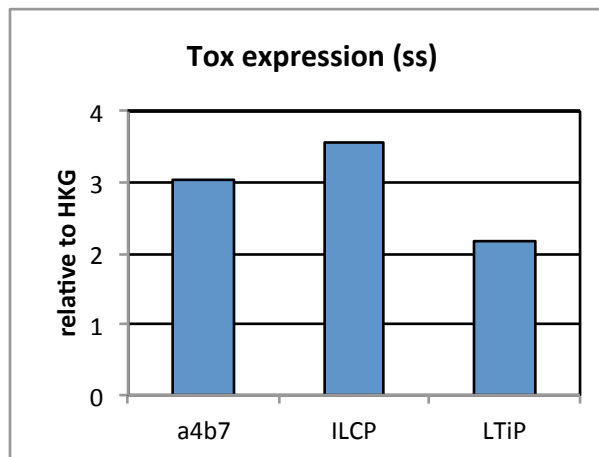
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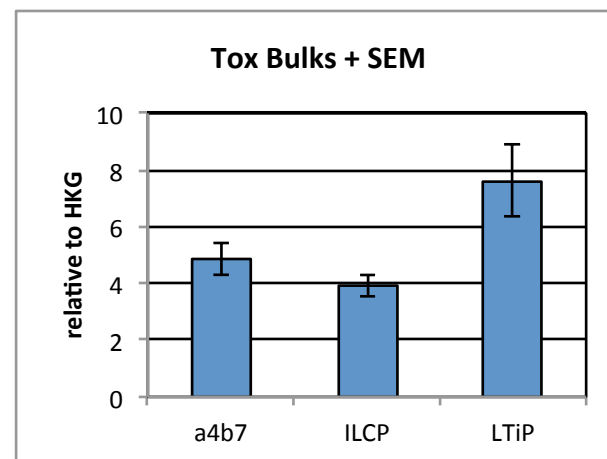
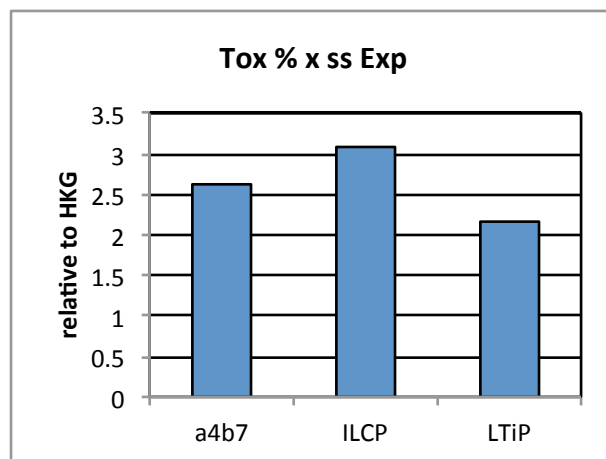
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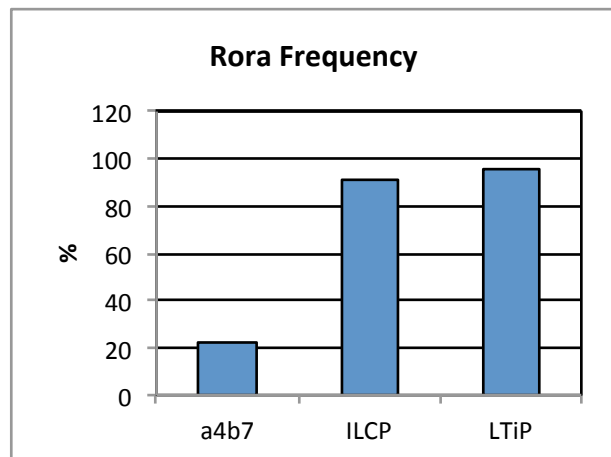
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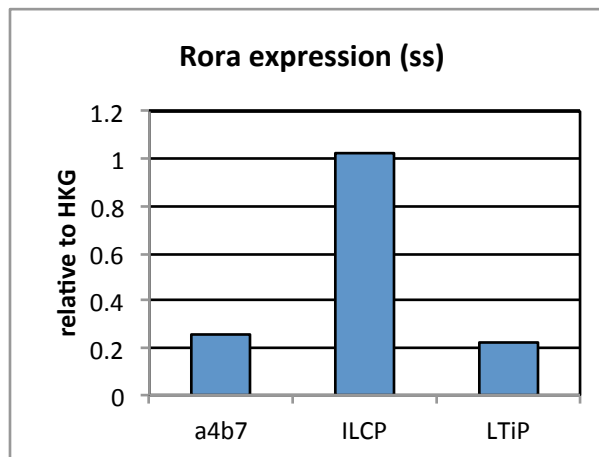
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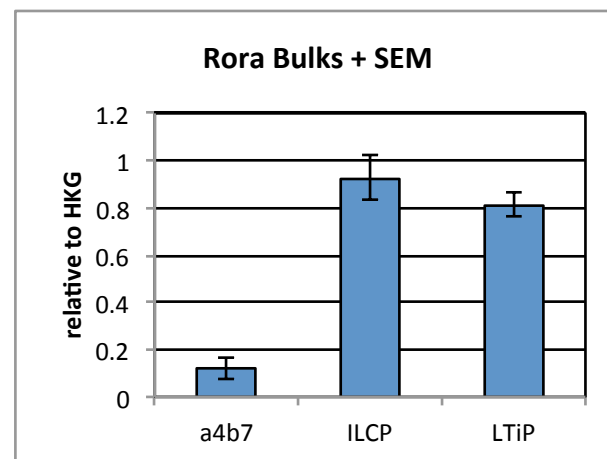
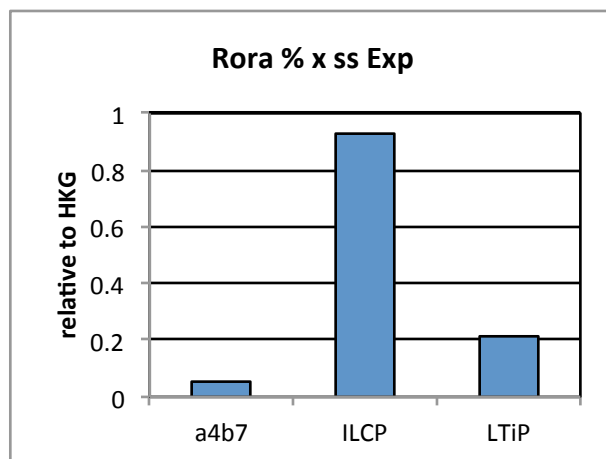
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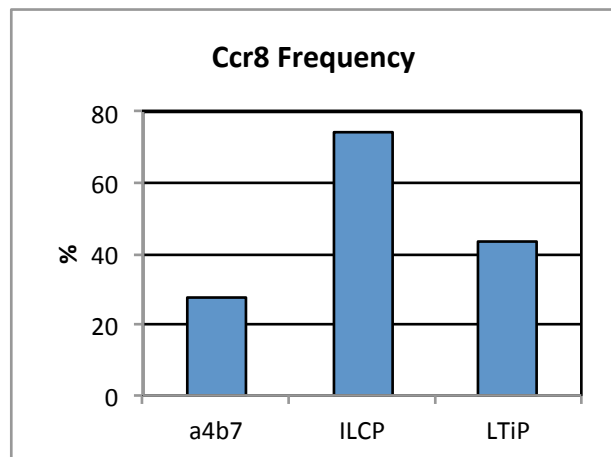
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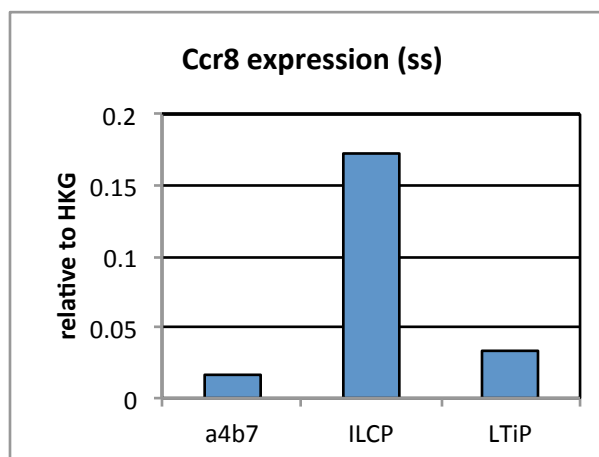
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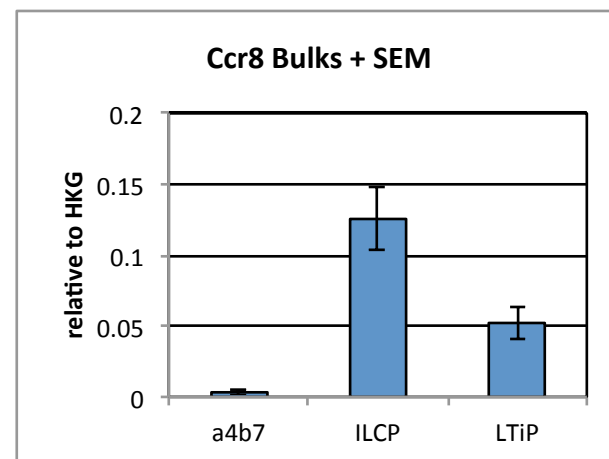
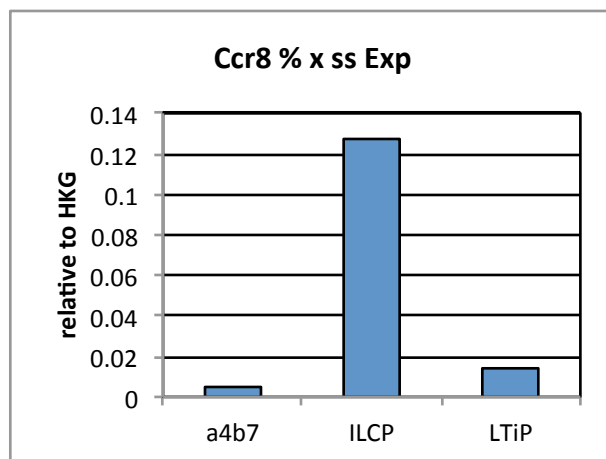
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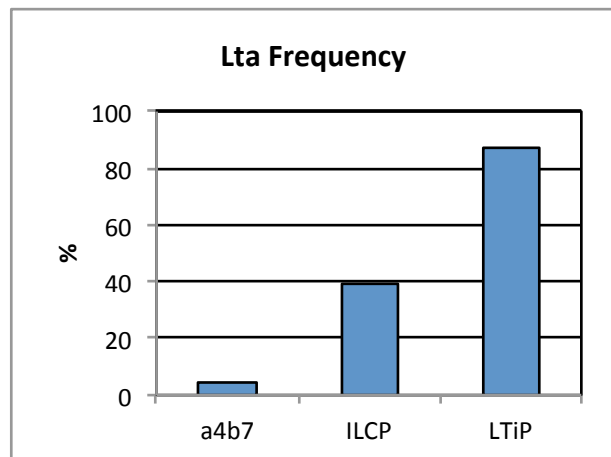
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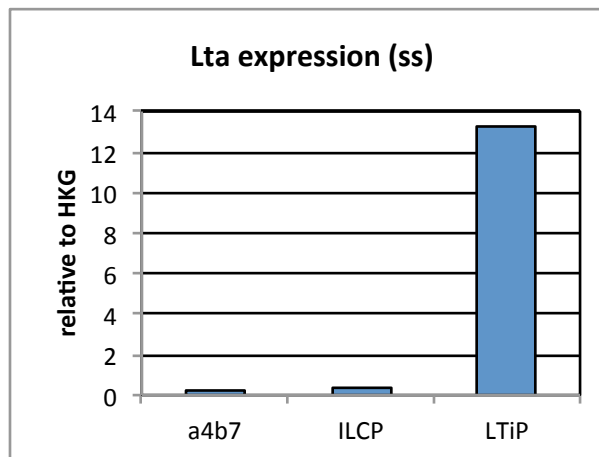
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