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| Experiment (Source Pubmed ID) | Observation | Filtering Criteria |
| 2.8sim (9840810) | Wild-type expression is observed in mesectoderm in one row of cells on either side of the embryo. | The peak of expression is at bin 14 and is more than 0.8 in scale of 1. The average expression in bins 13-15 is more than 0.3 and the average expression is less than 1% in all the other bins |
| mesectoderm2.1 (9840810) | No expression | Predicted expression profile differs from a flat line of no expression by an SSE score of less than 5%. |
| mesectoderm1.5 (9840810) | No expression | Predicted expression profile differs from a flat line of no expression by an SSE score of less than 5%. |
| 2.8simΔ3(9840810) | No expression ("mesectodermal transcription was abolished.") | Peak of predicted expression profile is less than 25% of the wild-type peak. |
| 2.8simΔ16(9840810) | Weak expression ("greatly reduced mesectodermal transcription, but a low level of expression was detectable") | The average expression in bins 1-9 is more than 50% of the peak in predicted expression profile. |
| 2.8simΔSD16(9840810) | No expression ("completely abolished mesectodermal transcription") | Predicted expression profile differs from a flat line of no expression by an SSE score of less than 5%. |
| 2.8simΔ15(9840810) | Mesectoderm ("did notaffect mesectodermal transcription") | Predicted expression profile differs from wild type profile by SSE score of less than 5%.  |
| mesectoderm(15128669) | The ventral-most line of cells of the neurogenic ectoderm. Weak and variable staining is also detected in more ventral regions of early embryos. | Average expression in bins 10-15 is greater than 10% of the peak expression and the average expression in bins 1-9 is less than 5%. |
| mesectoderm2.2(23101512) | Wild-type expression was observed in mesectoderm. | Predicted expression profile differs from wild type profile by SSE score of less than 5%. |
| mesectoderm2.0(23101512) | The lacZ expression extends to the presumptive mesoderm | Average expression in bins 1-12 is greater than 80% of the peak expression. The average expression in bins 14-25 is less than 1% of peak expression. |