RNA-Seq transcriptome profiles (by Experiment) 1 result

Expression profile summary from all experiments in WT and mutant conditions: OVERVIEW

FPKM & RPKM

Click here to see the RNA-Seq Pipeline Protocol.
You can show/hide lines in the charts by clicking on it in the legend part.
You can see more details by clicking on a point and then, on the link which will appear.

Be careful, FPKM & RPKM does not permit you to compare a gene across different conditions or experiments.

Download FPKM & RPKM data

Relative Log Expression RLE

Be careful, RLE and 2^{RLE} does not permit you to compare a gene across different experiments.

Download RLE Relative Log Expression data

RNA-Seq Experiment n°64998 Read more...

Oocytes of a single individual of Phallusia mammillata (Roscoff, France) were fertilized by a mixture of sperm of two individuals and development was followed microscopically. Embryos were snapfrozen in liquid nitrogen at the appropriate stage and kept at -80°C. Samples at stage 0, 8, 12, 15, 21, 26 were collected from the same fertilization, while sample from stage 11 was independently collected from a different individual. Total RNA was prepared with the RNA II kit of Magerey Nagel and the quality was checked with the Bioanalyzer, all samples had a RIN value of higher than 9. Strand specific libraries were constructed and the sequencing (50PE) was performed with Illumina HiSeq 2000 technology (BGI, Hong Kong, China).

Assay platform	Illumina HiSeq 2000
Layout	Paired-end
Stranded	Yes
Read length	49
Normalized data types	• FPKM • RLE

Wild type - Replica 1

Territories	**whole embryo -**
Biomaterial(s)	P.mammillata, Stage 0 (Unfertilized egg) P.mammillata, Stage 8 (64-cell) P.mammillata, Stage 11 (early gastrula) P.mammillata, Stage 12 (mid gastrula) P.mammillata, Stage 15 (mid neurula) P.mammillata, Stage 21 (mid tailbud I) P.mammillata, Stage 26 (hatching larva)

Wild type - Replica 2

Territories	**whole embryo -**
Biomaterial(s)	P.mammillata, Stage 0 (Unfertilized egg) P.mammillata, Stage 8 (64-cell) P.mammillata, Stage 11 (early gastrula) P.mammillata, Stage 12 (mid gastrula) P.mammillata, Stage 15 (mid neurula) P.mammillata, Stage 21 (mid tailbud I) P.mammillata, Stage 26 (hatching larva)

Figure S1