

**SUPPLEMENTARY MATERIAL**

**corresponding to:**

**Zygotic expression of Exostosin1 (Ext1) is required for  
BMP signaling and establishment of dorsal-ventral  
pattern in *Xenopus***

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**Supplementary Table S1. Microarray-based identification of genes regulated by ext1 in midgastrula embryos.** *The probesets with either an increase of >2fold expression or a decrease to <0.5-fold expression between the control and experimental samples were included in the table. There were 1013 probesets that met these cutoff values. The human orthologs for each gene were manually identified based on the information in NCBI database. The gene ontology analysis was carried out using the NCBI database and GO Consortium (<http://www.geneontology.org>). The table includes fold changes, unigene ID, unigene title, Xenopus symbol and Xenopus name of each probeset, as well as the putative human orthologs (human symbol, human name, and human protein) and gene ontology.*