

S2 Table. Summary of expression of *Otx* in the animal hemisphere of the 32-cell embryo under normal and experimental conditions.

Cell	Control	<i>Admp</i> MO	<i>EfnA.d</i> MO	<i>Fgβ/16/20</i> MO	<i>Gdf1/3-r</i> MO	<i>Admp</i> & <i>Gdf1/3-r</i> MO	<i>Admp</i> & <i>Fgβ/16/20</i> & <i>Gdf1/3-r</i> MO	<i>Admp</i> RNA	<i>EfnA.d</i> RNA	<i>Gdf1/3-r</i> RNA
a6.5	1	1	1	0	1	1	0	1	0	1
a6.6	0	0	1	0	0	1	0	0	0	0
a6.7	0	0	1	0	0	1	0	0	0	0
a6.8	0	0	1	0	0	1	0	0	0	0
b6.5	1	1	1	0	1	1	0	1	0	1
b6.6	0	0	1	0	0	1	0	0	0	0
b6.7	0	0	1	0	0	1	0	0	0	0
b6.8	0	0	1	0	0	1	0	0	0	0

Cells expressing *Otx* are indicated by '1', and cells not expressing *Otx* are indicated by '0'. This table is based on data published in our previous study [4].