

Supplemental Table 2. DMZ morpholino injection statistics

<u>Condition</u>	<u>ng/embryo</u>	<u>% Full defect</u>	<u>% Partial defect</u>	<u>% Normal</u>	<u>Total #*</u>
Uninjected	0	0	0	100	179
CoMO	80	3	2	95	457
Hipk1MO1	20	22	30	48	179
Hipk1MO1	40	70	19	11	253
Hipk1MO1	80	71	26	3	75
Uninjected	0	0	1	99	232
CoMO	32	7	7	86	136
Hipk1MO2	8	4	18	78	120
Hipk1MO2	16	39	23	38	121
Hipk1MO2	32	72	19	9	127

*combined total from 3 independent experiments

Legend

ng/embryo = nanograms of reagent injected per embryo

% Full defect = percent of embryos with no neural fold fusion along anterior/posterior axis

% Partial defect= percent of embryos with partially fused neural folds along axis

% Normal = percent of embryos with normally fused neural folds along entire axis

Total # = number of embryos surviving past gastrulation