|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Phenotypic Class** | **marker gene ->** | **dpp** | **sog** | **snail** |
| **genotype** |
| dorsalised | *gd9* | +++ | - | - |
| lateralized | *tlrm10/tlrm9* | \*-\* | +++ | - |
| ventralised | *spn27aex/*  *Df(2L)6374* | \*-\* | +++ | +++ |
| ventralised | *Tl10B /*  *Df(3R)ro80b* | \*-\* | around head fold | +++  (gap around head fold) |

**Table 1:**

Genotypes of mutants used for mass spectrometry and expression of diagnostic zygotic genes in the mutant embryos.

Legend: +++: entire circumference at 50% egg length; \*-\*: expression only at the poles, no expression in the trunk region; - : no expression.