**Table S2. Induction of *gol*-like mutants by *gol-ex2* TALEN**

|  |  |  |
| --- | --- | --- |
| **Amount TALEN RNA injected** | **# embryos analyzed** | **# *gol*-like embryos (%)** |
| 100pg | 386 | 1 (0.26%) |
| 200pg | 169 | 3 (1.8%) |
| 400pg | 107 | 5 (4.7%) |

One cell stage embryos were injected with *gol-ex2* TALEN RNA and embryos were analyzed at 2 dpf. Embryos with < 20 total darkly pigmented cells, including melanophores and RPE cells, were scored as ‘*gol*-like embryos’.