

Table S1. P-values from HCNE enrichment analyses.

	200bp	500bp	1000bp	intron	500bp(90%)
segmentation module	4.0e-3	8.0e-6	2.2e-7	2.5e-5	7.9e-1
pharyngula module	1.4e-3	1.1e-4	2.3e-7	2.0e-4	6.5e-4

The column in bold corresponds to the case reported in the main text.