Supplementary Table S1: Comparison of domain position and width.

Kr mRNA

Time	$\mu(x_{max})$	$\sigma^2(x_{max})$	$\mu(x_A)$	$\sigma^2(x_A)$	$\mu(x_P)$	$\sigma^2(x_P)$	$\mu(x_{width})$	$\sigma^2(x_{width})$
T1	52.57	4.88	44.95	6.10	60.22	2.31	15.27	4.75
T2	52.49	1.82	45.03	2.22	60.33	2.31	15.30	3.63
T3	52.26	3.55	45.06	2.29	60.30	4.99	15.24	2.41
T4	51.55	2.44	45.00	2.04	59.06	2.31	14.07	1.76
T5	50.18	3.11	44.39	2.14	56.78	4.73	12.39	2.01
T6	49.44	1.94	43.83	1.88	55.16	2.22	11.32	0.84
T7	48.54	2.10	42.65	1.59	54.07	2.86	11.42	1.91
T8	48.20	3.89	42.90	5.03	53.46	3.45	10.56	1.16

Kr Protein

Time	$\mu(x_{max})$	$\sigma^2(x_{max})$	$\mu(x_A)$	$\sigma^2(x_A)$	$\mu(x_P)$	$\sigma^2(x_P)$	$\mu(x_{width})$	$\sigma^2(x_{width})$
T1	53.50	4.26	44.33	5.66	62.40	2.10	18.08	3.41
T2	52.51	1.58	43.84	2.87	61.30	1.76	17.46	3.74
T3	52.15	1.69	44.39	1.93	60.16	1.55	15.77	1.21
T4	52.13	1.29	44.22	1.53	60.11	1.44	15.89	1.08
T5	51.62	0.95	43.91	1.06	59.56	1.10	15.65	0.82
T6	51.15	0.70	43.61	1.26	59.19	1.41	15.57	1.31
T7	50.18	1.49	43.22	1.45	57.87	2.04	14.64	2.01
T8	49.89	0.90	43.28	1.19	57.16	2.01	13.88	1.66

kni mRNA

Time	$\mu(x_{max})$	$\sigma^2(x_{max})$	$\mu(x_A)$	$\sigma^2(x_A)$	$\mu(x_P)$	$\sigma^2(x_P)$	$\mu(x_{width})$	$\sigma^2(x_{width})$
T1	65.13	2.45	59.87	3.84	70.81	5.36	10.94	5.96
T2	64.93	5.18	59.55	2.02	70.43	5.83	10.88	3.66
T3	64.01	2.31	58.70	1.61	69.11	3.38	10.41	2.22
T4	63.38	2.83	58.81	2.19	67.75	3.40	8.94	1.27
T5	61.60	2.85	57.25	1.88	65.81	2.36	8.56	1.16
T6	60.18	1.53	55.86	1.95	64.17	3.24	8.31	3.83
T7	61.32	5.68	56.43	6.61	65.99	35.49	9.56	33.75
T8	60.52	4.24	53.37	55.31	65.29	0.53	11.93	58.53

Kni Protein

Time	$\mu(x_{max})$	$\sigma^2(x_{max})$	$\mu(x_A)$	$\sigma^2(x_A)$	$\mu(x_P)$	$\sigma^2(x_P)$	$\mu(x_{width})$	$\sigma^2(x_{width})$
T1	65.79	1.32	58.81	0.86	73.97	1.43	15.16	1.00
T2	64.66	1.39	58.44	1.24	71.22	1.51	12.78	0.75
T3	64.80	0.94	59.01	0.92	70.68	1.03	11.67	1.16
T4	64.03	0.65	58.82	1.09	69.82	0.77	11.00	0.62
T5	63.81	0.90	58.39	0.99	69.38	1.39	10.98	0.61
T6	63.57	0.64	58.39	0.79	68.99	1.13	10.61	0.63
T7	63.06	1.09	57.85	0.79	68.34	1.08	10.50	0.26
T8	62.60	0.84	57.14	0.60	67.65	1.03	10.52	0.69

gt mRNA

Time	$\mu(x_{max})$	$\sigma^2(x_{max})$	$\mu(x_A)$	$\sigma^2(x_A)$	$\mu(x_P)$	$\sigma^2(x_P)$	$\mu(x_{width})$	$\sigma^2(x_{width})$
T1	75.67	5.30	68.72	3.12	82.65	5.43	13.93	4.68
T2	74.28	2.16	68.06	0.67	79.51	1.89	11.45	1.23
T3	72.38	1.92	67.16	1.36	77.58	2.57	10.42	1.79
T4	72.14	2.61	67.45	2.49	77.21	2.78	9.76	1.60
T5	70.85	2.42	66.68	2.33	75.59	3.02	8.91	1.20
T6	69.55	1.51	65.71	1.35	73.56	2.52	7.85	1.65
T7	68.26	1.79	64.08	1.49	71.88	1.73	7.80	1.31
T8	68.08	1.65	63.79	1.92	71.97	2.81	8.18	4.74

Gt Protein

Time	$\mu(x_{max})$	$\sigma^2(x_{max})$	$\mu(x_A)$	$\sigma^2(x_A)$	$\mu(x_P)$	$\sigma^2(x_P)$	$\mu(x_{width})$	$\sigma^2(x_{width})$
T1	81.00	6.13	72.67	2.44	90.12	8.82	17.55	7.57
T2	77.78	4.77	71.01	2.93	84.76	2.31	14.00	3.23
T3	75.00	0.99	69.33	1.06	82.26	3.19	12.92	4.29
T4	74.14	2.16	68.67	1.34	79.77	3.27	11.09	1.04
T5	73.00	1.54	68.01	0.93	78.48	2.18	10.47	1.34
T6	72.22	1.20	67.32	0.88	77.51	1.78	10.19	0.68
T7	71.35	1.32	66.82	0.89	76.36	1.15	9.54	0.23
T8	70.66	1.35	66.29	1.16	75.48	1.50	9.19	0.30

Table S1. Comparison of domain position and width between mRNA and protein data. Mean (μ) and variances (σ^2) of the position of expression peaks ('max'), domain boundary positions ('A', anterior; 'P', posterior), and domain widths are shown for the central domain of Kr (green), the abdominal domain of kni (red), and the posterior domain of gt (blue).