

		Time after initiation of development (h)						
		0 (not plated)	0 (plated)	4	8	12	16	20
<b>gene</b>								
DdRPA1	Intensity							
DdRPA1	ratio	1428.98 0.81	1502.18 0.85	543.4 0.31	1584.1 0.89	1772.52 <b>1<sup>a</sup></b>	1250.82 0.71	1546.72 0.87
DdActin8	intensity							
DdActin8	ratio	1277.12 0.87	1262.58 0.86	513.28 0.35	827.24 0.56	1468.24 <b>1<sup>b</sup></b>	844.82 0.58	51.16 <i>0.89<sup>c</sup></i>
DdRPA1 / DdActin8 <sup>d</sup>		0.93	0.99	0.89	1.6	1	1.2	0.98
<b>DdRPA1 mRNA expression level</b>			<b>1<sup>e</sup></b>	0.9	1.62	1.01	1.21	0.99

**Figure 51.** DdRPA1 mRNA expression level

- a: The 12 hr mRNA intensity level was set as standard, the other time points for mRNA expression level was determined by comparison to the standard.
- b: The 12 hr mRNA intensity level was set as standard, the other time points for mRNA expression level was determined by comparison to the standard. Because the expression level of actin8 mRNA is constant throughout the development, the difference between the comparison data were considered as an experimental error factor.
- c: The expression level of mRNA for actin8 drops 25.6 fold at 20 hr compare to 12 hr. In order to keep the mRNA reading constant, the 20 hr data was multiplied by 25.6. The experimental error factor was obtained by comparison the modified 20 hr data to the 12 hr standard.
- d: the reading for RPA in each stage was modified by the experimental error rate individually.
- e: 0 hr mRNA expression level was set as the standard.

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