

Supplementary Table 1. List of primers used in this paper. References are given for those primers from previous studies. *primers previously published in (Siegfried and Nüsslein-Volhard, 2008). **Primers previously published in (Knaut *et al.*, 2000).

Gene	Primer Name	Primer sequence (5' - 3')	Application
<i>b-actin</i>	KS325	F - GACATCAAGGAGAAGCTCTG*	RT-PCR
<i>b-actin</i>	KS326	R - GAGGAGGGCAAAGTGGTAAAC*	RT-PCR
<i>cdk4</i>	KW30	F - TGGTTTGTGAGCTTGAGTTGATGAT	genotyping
<i>cdk4</i>	KW31	R - GGGCTGAAGTTGTGGTGGGAAA	genotyping
<i>cdk4</i>	KW32	F - GTATGAGCCAGTAGCAGAGATCG	RT-PCR
<i>cdk4</i>	KW33	R - AGTTGTGGTGGGAAAGAGTGAC	RT-PCR
<i>cdk6</i>	KW34	F - ACATGGACAAAGAGAGCTCGAC	genotyping
<i>cdk6</i>	KW35	R - TTACCTGACAACATTTGGATGC	genotyping
<i>cdk6</i>	KW36	F - GTACAAGGCTCGGGATTTGA	RT-PCR
<i>cdk6</i>	KW37	R - CTCTGGGGCTCGATAACCATA	RT-PCR
<i>cdk21^{t30421}</i>	KW38	F - ATACCACAAAGTTCCGAAATG	genotyping
<i>cdk21^{t30421}</i>	KW39	R - GCTAGTGGCTGTCTGGTTTTTC	genotyping
<i>cdk21^{umb7}</i>	KW40	F - CACTCCATGTGTATGCACCTCT	genotyping
<i>cdk21^{umb7}</i>	KW41	R - ATCTGGTGTGTTTAACGCATCC	genotyping
<i>cdk21</i>	KW42	F - CTGAAGCCTGACAATGTGCT	RT-PCR
<i>cdk21</i>	KW43	R - GCAAGCCAATTACCTCAAAGA	RT-PCR
<i>rb1</i>	KW44	F - CGGAACGACACAAGGACAAG	RT-PCR
<i>rb1</i>	KW45	R - GCTGCTTTCCACAGCTCTT	RT-PCR
<i>vasa</i>	vas1	F - CCGGCTCGAGCTGGCCTCACACCT**	RT-PCR
<i>vasa</i>	vas2	R - GGCCTCTAGAGTCACCAGTATCCGTC**	RT-PCR