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<b>the paralogous genes</b>	<b>the orthologous genes</b>
GrCDPK1/22	
GrCDPK6/21	
GrCDPK23/29	
GrCDPK12/41	
GrCDPK3/40	
GrCDPK10/24	
GrCDPK11/20	AtCPK20/GrCDPK27
GrCDPK33/37	AtCPK15/GrCDPK31
GrCDPK4/26	
GrCDPK9/25	
GrCDPK19/35	
GrCDPK2/13	
GrCDPK7/14	
GrCDPK5/18	

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Genes	Similarity	Coverage
GrCDPK1/22	88.40%	89%
GrCDPK6/21	85.90%	86%
GrCDPK23/29	54.30%	67%
GrCDPK12/41	87%	87%
GrCDPK3/40	95.90%	95%
GrCDPK10/24	84.30%	86%
GrCDPK11/20	89%	91%
GrCDPK33/37	92.10%	92%
GrCDPK4/26	81.20%	82%
GrCDPK9/25	85.50%	85%
GrCDPK19/35	96.60%	96%
GrCDPK2/13	92.10%	93%
GrCDPK7/14	90%	90%
GrCDPK5/18	91.70%	91%

<b>Name</b>	<b>Probe ID</b>	<b>E-value</b>
GrCDPK6	Ghi. 10417. 1. S1_s_at	1. 00E-63
GrCDPK21		0
GrCDPK3	Ghi. 58. 1. S1_s_at	1. 00E-162
GrCDPK29		9. 00E-19
GrCDPK40		2. 00E-84
GrCDPK4		2. 00E-17
GrCDPK15	Ghi. 7847. 1. S1_at	2. 00E-10
GrCDPK26		5. 00E-27
GrCDPK27		3. 00E-25
GrCDPK33		0
GrCDPK37		1. 00E-135
GrCDPK5	Ghi. 9230. 3. S1_at	0
GrCDPK18		1. 00E-124
GrCDPK32		1. 00E-140
GrCDPK16	Ghi. 9336. 3. S1_at	1. 00E-115
GrCDPK2	Ghi. 9384. 1. A1_at	1. 00E-79
GrCDPK13		5. 00E-45
GrCDPK17		2. 00E-13
GrCDPK7	GhiAffx. 12687. 1. A1_at	4. 00E-21
GrCDPK14		3. 00E-83
GrCDPK23	GhiAffx. 16171. 1. S1_at	2. 00E-08
GrCDPK28		1. 00E-150
GrCDPK11	GhiAffx. 21087. 1. S1_at	1. 00E-139
GrCDPK20		2. 00E-56
GrCDPK36		2. 00E-66
GrCDPK38		7. 00E-81
GrCDPK39		9. 00E-62
GrCDPK19		6. 00E-94
GrCDPK1		7. 00E-45
GrCDPK8	9. 00E-62	
GrCDPK12	GhiAffx. 46859. 1. S1_at	3. 00E-80
GrCDPK22		6. 00E-66
GrCDPK41	GraAffx. 18956. 1. A1_s_at	0
GrCDPK9		2. 00E-04
GrCDPK10		8. 00E-50
GrCDPK24		0
GrCDPK34	GraAffx. 3318. 1. A1_at	2. 00E-07
GrCDPK25		2. 00E-10
GrCDPK30		0
GrCDPK31	GraAffx. 7086. 1. A1_s_at	1. 00E-30
GrCDPK35		1. 00E-173