

SUPPLEMENTARY DATA

TABLE S7. Summary of information on *Arabidopsis*, rice and poplar ICK/KRP genes and predicted proteins

Name	GI ^a	Chromosome Position ^b (BAC accessions)	Protein size (aa)	Mw (kDa) ^c	IP ^c
<i>Arath;ICK1/KRP1</i>	At2g23430	9984100-9985001 (NC_003071)	191	22.282	5.29
<i>Arath;ICK2/KRP2</i>	At3g50630	18811489-18812347 (NC_003074)	209	24.036	4.73
<i>Arath;ICK3/KRP5</i>	At3g24810	9060997-9061749 (NC_003074)	189	21.424	9.46
<i>Arath;ICK4/KRP6^d</i>	At3g19150	6616358 – 6617702 (NC_003074)	196	21.454	4.52
<i>Arath;ICK5/KRP7</i>	At1g49620	18369359-18370227 (NC_003070)	195	21.964	4.65
<i>Arath;ICK6/KRP3</i>	At5g48820	19809834-19811572 (NC_003076)	222	24.924	7.60
<i>Arath;ICK7/KRP4^e</i>	At2g32710	13880573-13882427 (NC_003071)	289	32.067	9.61
<i>Orysa;KRP1</i>	Os02g52480	32129863-32131024 (AP008208)	262	27.138	10.00
<i>Orysa;KRP2^f</i>	Os06g11050	5806627-5805555 (AP008212)	249	25.668	6.24
<i>Orysa;KRP3</i>	Os11g40030	23012139-23013872 (AP008217)	225	23.719	9.94
<i>Orysa;KRP4^g</i>	Os10g33310	16988093-16985195 (AP008216)	194	21.308	8.86
<i>Orysa;KRP5</i>	Os03g04490	2070547-2073133 (AP008209)	221	24.177	6.77

<i>Orysa;KRP6</i>	Os09g28580	17337828-17336561 (AP008215)	86	9.274	8.66
<i>Poptr;ICK1</i>	estExt_fgenesh4_pg.C _LG_V0508	4746516-4747551 (NC_008471)	223	25.163	4.91
<i>Poptr;ICK2</i>	GRAIL3.0019007301	9127116-9128223 (NC_008473)	220	25.087	6.47
<i>Poptr;ICK3</i>	eugene3.00002475	22645741-22648322 (NC_008468)	223	24.851	8.90
<i>Poptr;ICK4</i>	fgenesh4_pg.C_scaffo Id_130000050	NW_001492739 ^h	207	22.996	5.11
<i>Poptr;ICK5</i>	estExt_fgenesh4_pg.C _LG_IX0597	3819120-3820604 (NC_008475)	206	23.119	6.84
<i>Poptr;ICK6</i>	eugene3.00170155	1582673-1585653 (NC_008483)	244	27.330	9.54
<i>Poptr;ICK7</i>	eugene3.00012276	25443779-25446939 (NC_008467)	241	27.233	9.40

^a Gene Identifiers for Arabidopsis, rice and poplar are according to AGI code for Arabidopsis (the Arabidopsis information resource: <http://www.arabidopsis.org/index.jsp>), TIGR V4 pseudo-molecules annotation for rice (TIGR Rice Genome Annotation: <http://www.tigr.org/tdb/e2k1/osa1/index.shtml>), and *Populus trichocarpa* JGI genome assembly v1.1 (Populus genome release 1.1: http://genome.jgi-psf.org:8080/annotator/servlet/jgi.annotation.Annotation?pDb=Poptr1_1), respectively..

^b Chromosome positions of the *ICK/KRP* genes from Arabidopsis, *O. sativa* subsp. *Japonica* and *Populus trichocarpa*.

^c Predicted amino acid (aa) sequences were used to calculate the molecular mass (Mw) and theoretical isoelectric point (pI) with the ExPASy Proteomics Compute tool available from: http://ca.expasy.org/tools/pi_tool.html; kDa - kiloDaltons.

^d It has a splicing variant not described here: At3g19150.2 (*Arath:KRP6.2*) NP_974338 (176 aa, pI/Mw: 4.54 / 18.929 kDa). Information in the table corresponds to At3g19150.1 (*Arath:KRP6.1*).

^e At2g32710 has two polymorphic variants which we believe are miss-annotated as splicing variants: At2g32710.1 (870 bp) and At2g32710.2 (861 bp). At2g32710.1 is a cDNA (accessions: DR354760 and AY087958) from WS/Ler ecotypes while At2g32710.2 (accessions: AU238423, AK117586, and BX835336) is from Col-0 and therefore used in this study.

^f The original accession (Os06g11050) encodes a polypeptide of 410 aa which is not supported by the cDNA sequence. In this study we used a cDNA clone (DQ229363) for the analysis.

^g There is another accession AAG16867 (242 aa,pI/Mw: 9.16 / 26.750 kDa) for the *Orysa:KRP4* (Os10g33310), but there is no

information on cDNA yet.

^h *Populus trichocarpa* genomic scaffold "scaffold_130".