

Why old duplicated genes are not thrown away in (paleo)polyploids? Example from the *petC* gene in *Brassica napus*

Plant Molecular Biology

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Table S1. Accession numbers of the different Brassicaceae *petC* sequences used for the phylogenetic analyses.

Species	Cultivar	Genome version	Gene name
<i>Arabidopsis thaliana</i>	Col0	TAIR10	AT4G03280
<i>Brassica juncea</i>	AU213	V1.0	BjuOA03G29680
<i>Brassica juncea</i>	AU213	V1.0	BjuOA09G02300
<i>Brassica juncea</i>	AU213	V1.0	BjuOB08G31750
<i>Brassica juncea</i>	AU213	V1.0	BjuOB08G38060
<i>Brassica juncea</i>	T84-66	V2.0	BjuVA03G29860
<i>Brassica juncea</i>	T84-66	V2.0	BjuVA09G02270
<i>Brassica juncea</i>	T84-66	V2.0	BjuVB08G31810
<i>Brassica juncea</i>	T84-66	V2.0	BjuVB08G37680
<i>Brassica oleracea</i>	HDEM	V1.0	BolC3t15998H
<i>Brassica oleracea</i>	HDEM	V1.0	BolC9t53193H
<i>Brassica oleracea</i>	JZS	V2	BolC03g033660.2J
<i>Brassica oleracea</i>	JZS	V2	BolC09g002610.2J
<i>Brassica rapa</i>	Chiifu	V3.0	BraA03g028630.3C
<i>Brassica rapa</i>	Chiifu	V3.0	BraA09g001100.3C
<i>Brassica rapa</i>	Z1	V2	A03p30540.2_BraZ1
<i>Brassica rapa</i>	Z1	V2	A09p02430.2_BraZ1
<i>Brassica napus</i>	Darmor	V10	A03p30490.1_BnaDAR
<i>Brassica napus</i>	Darmor	V10	C03p36910.1_BnaDAR
<i>Brassica napus</i>	Darmor	V10	C09p02650.1_BnaDAR
<i>Brassica napus</i>	Darmor	V10	A09p02620.1_BnaDAR
<i>Brassica napus</i>	Drakkar		See supp. results
<i>Brassica napus</i>	Drakkar		See supp. results
<i>Brassica napus</i>	Drakkar		See supp. results
<i>Brassica napus</i>	Drakkar		See supp. results
<i>Brassica napus</i>	Zs11	V2.0	BnA01g0041550.1
<i>Brassica napus</i>	Zs11	V2.0	BnA03g0120040.1
<i>Brassica napus</i>	Zs11	V2.0	BnC03g0572990.1
<i>Brassica napus</i>	Zs11	V2.0	BnC09g0888010.1
<i>Brassica nigra</i>	Ni100	V2	BniB08g038940.2N.1
<i>Brassica nigra</i>	Ni100	V2	BniB08g046100.2N.1
<i>Sisymbrium irio</i>			Scaffold1709-19