

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 S6. Synthesized fragment that was inserted in the pDONR207. This fragment contained attB1 sequence, the first guide driven by the BnU3 promoter and followed by a scaffold, the second guide driven by a BnU6 promoter followed by a scaffold and an attB2 region.

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GGGGACAAGTTTGTACAAAAAAGCAGGCTTCGAGCTCGAATTCACAAATCTTTCACCTTTTA  
TTAATTTGAAAATCCTTGTTGTGTTTTGTTTTGTTCTCATGCTTCAACTCTGTTACTATACTTTTGCTA  
AACCACATGATTTTACAAAATTTGTTAATTAATTAGGACTATCTTGTGTAACCTTTGAGTTTTGACA  
CATATAGATAGGCGTTAAATACCTAAATACCTAAATGGGCCTTCACCCATCTATGGTCTTACAAAA  
GTATTGTTTTGATCTGGATTAGCATCCACATCGCTGCATTGGCGAAGAACTCGTAGTATATGTT  
AGGCTGAACGAGCGATGATGGTCATCGTTCCAAGTGCATCCTGTTTTAGAGCTAGAAAATAGCAAG  
TTAAAATAAGGCTAGTCCGTTATCAACTTGAAAAAGTGGCACCGAGTCGGTGCTTTTTTTGAGCTG  
AGATCTACATATACATTAGACATCAATACATAATAACCGCAGCAATGCTCTGGCTTCAGCTCATGT  
GACTACTAGTTTCAGATTCTAGTATTTGAAATTGAGCGTTCTATACAGCATAAAAATCTACTTGGACA  
AGGTGGTAAGAGAATATGGAAGATAACGTTAATGGGCTTAGTACAATTAATAGAAAGAGATGCCT  
TATGATAAATAGGCCCATTTAAGCTTTTAAAGACGTTAGTTAACAACCTTGAAAGTCCCAATCGCT  
CAGGTGAAGAGAAGTAGCTGAGTTTATATAGCTATGGAGTCACGAGAGTGATTGATCTTGGATGTG  
TTGTGCCAGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAGGCTAGTCCGTTATCAACTTGAAAAA  
GTGGCACCGAGTCGGTGCTTTTTTTGAGCTCGTCGACCCAGCTTCTTGTACAAAGTGGTCCCC
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attB1
BnU3 promoter
gRNA-320
scaffold
BnU6 promoter
gRNA-502
attB2