BMC Biology
incorporating Journal of Biology

CORRECTION Open Access

Correction: Polyploidization increases meiotic recombination frequency in *Arabidopsis*

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Correction

The authors noted that three values in Table 1 need corrections [1]. The MRF for self-pollinated diploids should be corrected from 15.4% to 16.8%, for self-pollinated autotetraploids from 20.5% to 23.2%, and for self-pollinated allotetraploids from 24.1% to 28.0%, applying the correct formula for genotype combinations upon self-pollination given in reference nine. Similar corrections need to be done to Additional Files 1, 2 and 3. See also Rehmsmeier 2012 [2]. The changes do not affect any of the conclusions presented in the original manuscript. We apologize for any inconvenience caused by this error.

Additional material

Additional file 1: Additional Table 1.

Additional file 2: Additional Table 2.

Additional file 3: Additional Table 3.

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Received: 3 April 2012 Accepted: 18 April 2012 Published: 18 April 2012

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2. Rehmsmeier M: **Response to Wang and Luo.** *BMC Biology* 2012, **10**:32.

doi:10.1186/1741-7007-10-33
Cite this article as: Pecinka *et al.*: Correction: Polyploidization increases meiotic recombination frequency in *Arabidopsis*. *BMC Biology* 2012 **10**:33.

Table 1 Meiotic recombination frequencies (MRF) in diploid, autotetraploid and allotetraploid Arabidopsis[1]

Ploidy (species)	Meiosis[2]	Plants	Seed fluorescence				Seeds total	MRF (%)	S.D.[4] (%)
			Green-only	Red-only	Yellow[3]	None			
Diploid	Female	6	66	71	830	894	1861	7.4	1.9
A. thaliana	Selfed	3	322	333	2805	791	4251	16.8	1.1
	Male	3	147	143	561	582	1433	20.2	0.3
Autotetraploid	Female	10	264	317	1587	1703	3871	15.0	3.2
A. thaliana	Selfed	10	1868	2216	12707	3098	19889	23.2	1.4
	Male	9	506	492	1227	1345	3570	28.0	3.0
Allotetraploid	Female	5	181	214	1348	1305	3048	13.0	2.5
A. suecica	Selfed	5	275	298	1484	320	2377	28.0	2.6
	Male	5	598	599	1412	1410	4019	29.8	3.1

[1] Detailed values for individual plants are given in Additional Files 1,2 and 3

[2] Transmission of the meiotic recombination tester through maternal (female), paternal (male) or both gametes (selfed) determined by reciprocal crosses (female, male) or self-pollination.

[3] Seeds showing both red and green fluorescence.

[4] S.D. - standard deviation, calculated from the individual crosses/self-pollinations in Additional Files 1, 2 and 3

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