CORRECTION

Correction to: Advances and trends on the utilization of multi-parent advanced generation intercross (MAGIC) for crop improvement

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In the above mentioned publication, Table 4 is a duplicate of Table 3 and the current Table 5 should have been labeled as Table 4. The correct version of

Table 4 is thus published here and Table 5 is non-excising.

The original article can be found online at <https://doi.org/10.1007/s10681-021-02925-6>.

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Table 4 Summary of Multi-parent Advanced Generation Intercross (MAGIC) population in various crops for other agronomic traits

Sr. no	Crop	Experimental design	Trait/s identified	Software/methods used for QTL analysis	References
1	Oat (<i>Avena sativa</i>)	Eight spring oats crossed in halfdiallel with 42 funnels AIORIL	Heading dates and plant maturity dates, the height of the plant, yield	QTL, LMC, GWAS	Huang et al. (2015)
2	Rice (<i>Oryza sativa</i> L.)	A global MAGIC population made through intercrossing of eightway F1 <i>indica</i> and eight-way F1 <i>japonica</i> founders which resulted in a 150, 16-way crosses advanced for S8 (selfing generation)	Yield and grain quality parameters	GWAS, Multi-parent interval mapping, Bayesian genomic networking, RAP DB, QTARO, and GRAMENE databases for Candidate QTLs	Zaw et al. (2019)
3	Rice (<i>Oryza sativa</i> L.)	Eight <i>indica</i> founder parents were crossed to generate 1328 S7 lines	Grain quality (amylose content, grain length, gelatinization temperature)	TASSEL for GWAS	Bandillo et al. (2013)
4	Tomato (<i>Solanum lycopersicum</i> L.)	Four normal tomatoes and four cherry tomatoes were selected as founders and have produced 397 RILs from four generations of crosses and three selfings	Weight of fruit	R/mpMap	Pascual et al. (2014)
5	Strawberry (<i>Fragaria x ananassa</i>)	Six founder lines were intermated to generate 1060 intercross population	Traits related to Fruit quality	–	Wada et al. (2017)
6	Cotton (<i>Gossypium herbaceum</i>)	Eleven diversified varieties were intermated up to F5 and then selfed by SSD to generate 550 RILS	Quality of fiber	GAPIT, TASSEL	Islam et al. (2016), Li et al. (2016)

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