Correction to: Toward validation of QTLs associated with pod and seed size in common bean using two nested recombinant inbred line populations

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Published online: 17 July 2020
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Correction to: Mol Breeding (2020) 40: 7
<https://doi.org/10.1007/s11032-019-1085-1>

Unfortunately, in the final version of this article the original Table 6 was not included in the proofing step and the Table 5 was duplicated.

The online version of the original article can be found at <https://doi.org/10.1007/s11032-019-1085-1>

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Table 6 QTL with significant epistatic interaction detected in the RIL population XB

E-QTL 1 (1)	LG	Position (cM)	Start	End	E-QTL 2	LG	Position (cM)	Start	End	AA ⁽¹⁾	h ²
E-SA1.1 ^{XB}	Pv01	685-845	SNP01_348	SNP01_350	SA9 ^{XB*}	Pv09	41-83	SNP09_098	SNP09_119	-1.80	0.01
SA12 ^{XB*}	Pv01	1305-1375	SNP01_543	SNP01_562	E-SA10 ^{XB}	Pv10	00-11	SNP10_15	SNP10_16	2.26	0.02
E-SA2.1 ^{XB}	Pv02	565-738	SNP02_130	SNP02_133	E-SA3 ^{XB}	Pv03	1362-1459	SNP03_597	SNP03_605	3.16	0.03
E-SP3.1 ^{XB}	Pv03	337-395	SNP03_212	SNP03_222	SP11.2 ^{XB*}	Pv11	674-726	SNP11_202	SNP11_219	0.65	0.01
SP7.2 ^{XB*}	Pv07	849-889	SNP07_316	SNP07_317	SP11.2 ^{XB*}	Pv11	674-726	SNP11_202	SNP11_219	-0.73	0.02
E-SP2.2 ^{XB}	Pv02	1401-1476	SNP02_306	SNP02_317	E-SP3.2 ^{XB}	Pv03	1511-1566	SNP03_640	SNP03_647	0.42	0.02
E-SP6.1 ^{XB}	Pv06	57-161	SNP06_151	SNP06_160	E-SP11.1 ^{XB}	Pv11	308-409	SNP11_092	SNP11_095	0.53	0.01
SL1 ^{XB*}	Pv01	685-735	SNP01_348	SNP01_350	E-SL6.2 ^{XB}	Pv06	676-744	SNP06_563	SNP06_582	0.23	0.02
E-SL3 ^{XB}	Pv03	347-395	SNP03_212	SNP03_222	SL11 ^{XB*}	Pv11	674-726	SNP11_202	SNP11_219	0.15	0.01
SL6.2 ^{XB*}	Pv06	676-744	SNP06_563	SNP06_582	SL7.2 ^{XB*}	Pv07	833-889	SNP07_316	SNP07_317	0.14	0.01
SL7.1 ^{XB*}	Pv07	395-512	SNP07_175	SNP07_188	SL11 ^{XB*}	Pv11	674-726	SNP11_202	SNP11_219	-0.23	0.02
E-SL5 ^{XB}	Pv05	773-822	SNP05_228	SNP05_238	E-SL6.1 ^{XB}	Pv06	151-212	SNP06_183	SNP06_200	0.14	0.01
E-SWI3.2 ^{XB}	Pv03	395-464	SNP03_270	SNP03_277	E-SWI8 ^{XB}	Pv08	104-170	SNP08_035	SNP08_048	-0.12	0.04
E-SWI3.3 ^{XB}	Pv03	1031-1084	SNP03_556	SNP03_561	E-SWI11 ^{XB}	Pv11	603-714	SNP11_186	SNP11_202	0.14	0.04
E-SWI4 ^{XB}	Pv04	1059-1130	SNP04_107	SNP04_111	SWI7 ^{XB*}	Pv07	379-497	SNP07_164	SNP07_175	0.19	0.07
E-SW2 ^{XB}	Pv02	565-775	SNP02_130	SNP02_133	SW3 ^{XB*}	Pv03	245-337	SNP03_122	SNP03_145	-0.34	0.01
SW3 ^{XB*}	Pv03	245-337	SNP03_122	SNP03_145	SW7.2 ^{XB*}	Pv07	849-889	SNP07_316	SNP07_317	-0.29	0.02
SW7.2 ^{XB*}	Pv07	849-889	SNP07_316	SNP07_317	E-SW11 ^{XB}	Pv11	684-766	SNP11_219	SNP11_226	-0.30	0.02
E-SW5.1 ^{XB}	Pv05	205-386	SNP05_031	SNP05_033	E-SW5.2 ^{XB}	Pv05	1116-1228	SNP05_290	SNP05_297	0.41	0.02
E-PP3 ^{XB}	Pv03	508-584	SNP03_356	SNP03_387	PP9 ^{XB*}	Pv09	00-27	SNP09_023	SNP09_049	-0.42	0.02
E-PP2 ^{XB}	Pv02	2603-2626	SNP02_725	SNP02_737	E-PP8 ^{XB}	Pv08	110-170	SNP08_035	SNP08_048	0.65	0.04
E-PP5 ^{XB}	Pv05	1191-1359	SNP05_345	SNP05_358	E-PP11.2 ^{XB}	Pv11	1217-1387	SNP11_493	SNP11_518	0.65	0.04
E-PA5.1 ^{XB}	Pv05	717-773	SNP05_205	SNP05_207	E-PA7.1 ^{XB}	Pv07	214-261	SNP07_052	SNP07_073	-0.44	0.03
PWI5 ^{XB*}	Pv05	568-628	SNP05_106	SNP05_108	PWI11 ^{XB*}	Pv11	593-726	SNP11_186	SNP11_202	0.01	0.01
PL1.2 ^{XB*}	Pv01	1336-1365	SNP01_543	SNP01_562	PL3.1 ^{XB*}	Pv03	657-724	SNP03_515	SNP03_532	-0.20	0.02
E-PL2 ^{XB}	Pv02	968-1090	SNP02_172	SNP02_179	E-PL3.2 ^{XB}	Pv03	1244-1392	SNP03_566	SNP03_586	0.30	0.04
E-NSP1.1 ^{XB}	Pv01	374-422	SNP01_166	SNP01_181	E-NSP11 ^{XB}	Pv11	884-937	SNP11_240	SNP11_285	0.18	0.07

QTL named with the prefix E- only were detected in the two dimension genomes scan. E-QTL 1 and E-QTL 2 are the couple of QTL involved in the epistatic interaction. AA, estimated additive by additive epistatic effect in which positive values are provided by the parent Xana. h², heritability of additive by additive effect; *, indicate that the QTL also is involved in epistatic interactions. (1) p value <0.001

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