Supplementary Table S1 Information of 9 quinoa genotypes

Test material	Relevant information
HL58	Red quinoa, 1,000-grain weight 3.27g, growth period 120 days
G68	White quinoa, 1,000-grain weight 3.19 g, growth period of about 120 days, high stalk
A29	White quinoa, 1,000-grain weight 3.34 g growth period of about 120 days, dwarf
G36	White quinoa, 1,000-grain weight 3.26g growth period of about 120 days, high stalk
BL23	White quinoa, 1,000-grain weight 3.07g growth period 1-20 days
A86	quinoa, 1,000-grain weight 3.15g growth period about 120 days, dwarf
HL93	Red quinoa, 1,000-grain weight 3.21g growth period 1-20 days
BL77	White quinoa, 1,000-grain weight 3.16g growth period 1-20 days or so
BL22	quinoa, 1000 -grain weight 3.46g growth period about 120 days