

Figure S3. Hori *et al.*

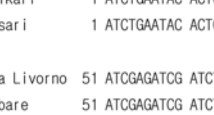
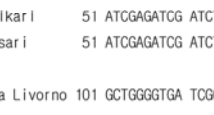
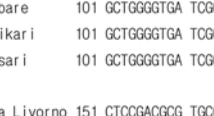
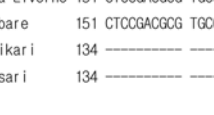
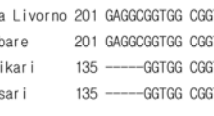
Italica Livorno	1	ATCTGAATAC	ACTGGCTAGC	AAGCAAAGCT	AGGTAGAGGC	CAGGCCATAG	50
Nipponbare	1	ATCTGAATAC	ACTGGCTAGC	AAGCAAAGCT	AGGTAGAGGC	CAGGCCATAG	50
Koshihikari	1	ATCTGAATAC	ACTGGCTAGC	AAGCAAAGCT	AGGTAGAGGC	CAGGCCATAG	50
Hayamasari	1	ATCTGAATAC	ACTGGCTAGC	AAGCAAAGCT	AGGTAGAGGC	CAGGCCATAG	50
							
Italica Livorno	51	ATCGAGATCG	ATCTGCAGGT	GCAGTGCGGT	GGGTGGGCAT	GGCGACGAAA	100
Nipponbare	51	ATCGAGATCG	ATCTGCAGGT	GCAGTGCGGT	GGGTGGGCAT	GGCGACGAAA	100
Koshihikari	51	ATCGAGATCG	ATCTGCAGGT	GCAGTGCGGT	GGGTGGGCAT	GGCGACGAAA	100
Hayamasari	51	ATCGAGATCG	ATCTGCAGGT	GCAGTGCGGT	GGGTGGGCAT	GGCGACGAAA	100
							
Italica Livorno	101	GCTGGGTTGA	TGCGCACGCT	CCTGGCCCTG	AACCTCCCTT	TCTTCACTTT	150
Nipponbare	101	GCTGGGTTGA	TGCGCACGCT	CCTGGCCCTG	AACCTCCACT	TCTTCACTTT	150
Koshihikari	101	GCTGGGTTGA	TGCGCACGCT	CCTGGCCCTG	AACC-----	-----	134
Hayamasari	101	GCTGGGTTGA	TGCGCACGCT	CCTGGCCCTG	AACC-----	-----	134
							
Italica Livorno	151	CTCGACGCG	TGCGGCTGCC	AGTGGCGCTC	ATGCCCTAGT	CCCGGCGGAG	200
Nipponbare	151	CTCGACGCG	TGCGGCTGCC	AGTGGCGCTC	ATGCCCTAGT	CCCGGCGGAG	200
Koshihikari	134	-----	-----	-----	-----	-----	134
Hayamasari	134	-----	-----	-----	-----	-----	134
							
Italica Livorno	201	GAGCGCGTGG	CGGTGGCGGT	GCGCGTGGCG	GTGGTGGAGG	GCGTGGAGGT	250
Nipponbare	201	GAGCGCGTGG	CGGTGGCGGT	GCGCGTGGCG	GTGGTGGAGG	GCGTGGAGGT	250
Koshihikari	135	-----GTTGG	CGGTGGCGGT	GCGCGTGGCG	GTGGTGGAGG	GCGTGGAGGT	179
Hayamasari	135	-----GTTGG	CGGTGGCGGT	GCGCGTGGCG	GTGGTGGAGG	GCGTGGAGGT	179
							
Italica Livorno	251	GGTGGCGGGA	GCGGCGGAGG	TTCAGGTGGA	GCGCGCGGTT	CAGSTGGAGG	300
Nipponbare	251	GGTGGCGGGA	GCGGCGGAGG	TTCAGGTGGA	GCGCGCGGTT	CAGSTGGAGG	300
Koshihikari	180	GGTGGCGGGA	GCGGCGGAGG	TTCAGGTGGA	GCGCGCGGTT	CAGSTGGAGG	229
Hayamasari	180	GGTGGCGGGA	GCGGCGGAGG	TTCAGGTGGA	GCGCGCGGTT	CAGSTGGAGG	229

Figure S3. Partial sequence alignment from 5'UTR region of *qLTG3-1*. DNA sequences from Italice Livorno (AB369214), Hayamasari (AB369215), Nipponbare and Koshihikari were aligned using ClustalW. * above the alignment denotes nonsynonymous substitution between Italice Livorno and Nipponbare. Arrow indicates the translation initiation site of *qLTG3-1*.