



Supplementary Figure 1. Amino acid sequence alignment of γ -TMT proteins.

Lines upper amino acid sequences represented SAM-binding domain. Arrow head indicated difference between Koshihikari and Kasalath.

		-2069
Koshihikari	GATGTGTGCGGAGATATGGGCCGGGGTATGTGAAGTGAGGGAAATTACCTCCCCAT	
Kasalath	GATGTGTGCGGAGATATGGGTCGGGGGTATGTGAAGTGAGGGAAATTACCTCCCCAT	
		-1927
Koshihikari	CGAGAGGCCTCGGGGTGCCACGTCATGCCCTCGGCCCTCGC	GCGCCTTGCCCCGAGG
Kasalath	CGAGAGGCCTCGGGGTGCCACGTCATGCCCTCGGCCCTCGCACCGCCTGCCCGAGG	
		-1803
Koshihikari	CTATCAATGCGCGCGCCCAACTGCCCTCGCCGCATTAAATGCGGTAGGGCAGAC	
Kasalath	CTATCAATGCGCGCGCCCAACTGCCCTCGCCGCATTAAATGCAGTAGGGCAGAC	
		-1717
Koshihikari	CGCCGGTCACGTCTGACTGGACGGCGGCCGTGCCCTGTCCCCGGCGG	
Kasalath	CGCCGGTCACGTCCGACTGGACGGCGGCCGTGCCCTGTCCCCGGCGG	
		-1546
Koshihikari	GGCAGGGGGCGACGATGGTCCCCTTAAGGACGAGCGGTGGCTGGCTCCGGCGAAG	
Kasalath	GGCATGGGGCGACGATGGTCCCCTTAAGGACGAGCGGTGGCTGGCTCCGGCGAAG	
		-1383
Koshihikari	GGCGGTGCATGTGGTTCCCTTGAGCTATAAAAGGAGGACCTACCCACCGAGAAAGAC	
Kasalath	GGCGGTGCATGTGGTTCCCTTGAGCTATAAAAGGAGGACCTACCTACCGAGAAAGAC	
		-1270
Koshihikari	AGGAACCCTTGTAACTCTAACCTTAAATCCCACACACAGAAGTAGGGTATTACGCTCCA	
Kasalath	AGGAACCCTTGTAACTCTAACCTTAAATCCCACACACAGGAGTAGGGTATTACGCTCCA	
		-1187
Koshihikari	TACGCGATCTCTAGAGGCGAGCCCTTCCCTAGCCGAACTCACAAAAGGGATCTCAGG	
Kasalath	TACACGATCTCTAGAGGCGAGCCCTTCCCTAGCCGAACTCACAAAAGGGATCTCAGG	
		-384
Koshihikari	AATATACTAGTAATACAATTATTCTCTTCTAACCGCTCTCAGTAGATTACCCGTAC	
Kasalath	AATATACTAGTAATACAATTATTCTTTCTAACCGCTCTCAGTAGATTACCCGTAC	

Supplementary Figure.2 .

Single nucleotide polymorphisms(SNPs) between Koshihirari and Kasalath in γ -TMT promoter region.