Table S10. The relationship of methylation conservation and expression divergence with small RNA abundance controlled

Rice				
expression level divergence	**CHM<CLM level**			
p value of wilcox test of **expression level** changes	number of paralogs with CHM level	number of paralogs with CLM level	24nt ratio	21nt ratio
1.01E-02	84	117	0.244	0.8987
	CHM<NCM level		24nt ratio	21nt ratio
p value of wilcox test of **expression level** changes	number of paralogs with CHM level	number of paralogs with NCM level	0.2869	0.8688
5.16E-02	84	135		
	CHM<CLM pattern			
p value of wilcox test of **expression level** changes	number of paralogs with CHM pattern	number of paralogs with CLM pattern	24nt ratio	21nt ratio
7.13E-04	98	110	0.618	0.8623
	CHM<NCM pattern			
p value of wilcox test of **expression level** changes	number of paralogs with CHM pattern	number of paralogs with NCM pattern	24nt ratio	21nt ratio
1.50E-01	98	103	0.5386	0.5558
Arabidopsis				
expression level divergence	**CHM<CLM level**			
p value of wilcox test of **expression level** changes	number of paralogs with CHM level	number of paralogs with CLM level		
3.95E-02	61	120		
	CHM<NCM level			
p value of wilcox test of **expression level** changes	number of paralogs with CHM level	number of paralogs with NCM level		
7.03E-03	61	94		
	CHM<CLM pattern			
p value of wilcox test of **expression level** changes	number of paralogs with CHM pattern	number of paralogs with CLM pattern		
0.1351	59	115		
	CHM<NCM pattern			
p value of wilcox test of **expression level** changes	number of paralogs with CHM pattern	number of paralogs with NCM pattern		
0.04273	59	48		