

Additional file 6: Estimation of *PMM* copy numbers in the diploid and tetraploid species possessing additional *Triticeae* genomes

Ploidy level	Species	Genome	Number of <i>PMM</i> specific fragment	Germplasm lines used during the analysis
Diploid (2n = 14)	<i>T. monococcum</i>	A ^m A ^m	2	TA2024, TA2026, TA2030, TA2034, TA2714, TA2715, TA2722, TA2725
	<i>Ae. markgrafii</i>	CC	2	PI203431, PI 263554, PI 542198, PI 542200, PI 542206, PI 542209
	<i>Ae. comosa</i>	MM	2	PI 551018, PI 551022, PI 551024, PI 542172, PI 542174, PI 542175, PI 542176
	<i>Ae. uniaristata</i>	NN	2	PI 276995, PI 276996, PI 374326, PI 554418, PI 554419, PI 554420, PI 554421
	<i>Secale cereale</i>	RR	2	PI 29447, PI 323376, PI 446244, PI 534935
	<i>Ae. speltooides</i>	SS	2	PI 449338, PI 486263, PI 554295, KU-2-1, PI 173614
	<i>Ae. bicornis</i>	S ^b S ^b	2	Clae47, KU-14610-1, KU-14615-1
	<i>Ae. longissima</i>	S ¹ S ¹	2	KU-14621-1, KU-14627-1, PI 604129, PI 604131, PI 604142
	<i>Ae. searsii</i>	S ^s S ^s	2	KU-14652-1, KU-14656-1, PI 599157, PI 599160, PI 599177
	<i>Ae. sharonensis</i>	S ^{sh} S ^{sh}	2	PI 542237, PI 584370, PI 584379, PI 584392, PI 584346
	<i>Pseudoroegneria stipifolia</i>	S ^t S ^t	2	PI 636641
	<i>Ae. umbellulata</i>	UU	2	PI 486260, PI 542364, PI 542369, KU-12199
	<i>T. timopheevii</i>	AAGG	4	PI 190974, PI 286073, PI 266850, PI 282932, PI 288033, PI 290518, KU-107-1, KU-107-2
Tetraploid (2n = 28)	<i>Ae. cylindrica</i>	DDCC	4	PI 172357, PI 254864, PI 276977, PI 499259
	<i>Ae. crassa</i>	DDMM	4	PI 227434, PI 487286, PI 574459, KU-21-4, KU-21-6
	<i>Ae. ventricosa</i>	DDNN	4	KU-12966
	<i>Ae. biuncialis</i>	UUMM	4	PI 614606, PI 614608, PI 614610, PI 614612, KU-12790, KU-11488
	<i>Ae. columnaris</i>	UUMM	4	KU-11-1, KU-11-3
	<i>Ae. geniculata</i>	UUMM	4	PI 170210, PI 388754, PI 487220, PI 487283, PI 491429, PI 614625
	<i>Ae. ovata</i>	UUMM	4	KU-12417

The TA accessions are from Wheat Genetic & Genomic Resources Center, Kansas State University, USA. The Clae and PI accessions are from USDA-ARE National Small Grains Collection, Aberdeen, USA. The KU accessions are from the National BioResource Project-wheat, Japan.