

Table S1 Distribution of PA and SNP Variation Across the Wheat Genome

Chromosomes	Presence/Absence (PA) variation				SNP variation				Total
	PstI- Mlul	PstI- Msel	PstI- MspI	Total PA	PstI- Mlul	PstI- Msel	PstI- MspI	Total SNPs	
1A	478	6,580	7,517	14,575	34	1,505	1,111	2,650	17,225
1B	794	10,084	12,264	23,142	79	2,046	1,575	3,700	26,842
1D	301	4,438	5,840	10,579	40	718	581	1,339	11,918
2A	657	6,881	8,837	16,375	64	1,205	1,003	2,272	18,647
2B	920	11,012	14,797	26,729	90	2,122	1,829	4,041	30,770
2D	1,750	6,676	11,901	20,327	53	1,233	1,089	2,375	22,702
3A	487	5,584	7,977	14,048	54	1,524	1,214	2,792	16,840
3B	749	11,686	15,056	27,491	114	2,459	1,996	4,569	32,060
3D	534	5,845	7,986	14,365	51	1,408	1,096	2,555	16,920
4A	519	8,279	10,094	18,892	44	1,651	1,251	2,946	21,838
4B	318	5,122	6,738	12,178	47	1,452	1,119	2,618	14,796
4D	213	2,316	3,617	6,146	27	385	307	719	6,865
5A	857	7,848	11,214	19,919	75	1,169	991	2,235	22,154
5B	842	8,009	11,681	20,532	73	1,514	1,283	2,870	23,402
5D	740	4,363	5,558	10,661	44	945	878	1,867	12,528
6A	409	5,773	8,488	14,670	48	1,125	977	2,150	16,820
6B	543	8,632	10,217	19,392	56	1,648	1,473	3,177	22,569
6D	358	4,435	6,404	11,197	39	949	791	1,779	12,976
7A	484	8,778	11,088	20,350	94	2,017	1,619	3,730	24,080
7B	720	10,663	13,774	25,157	80	2,320	1,806	4,206	29,363
7D	383	5,408	7,113	12,904	58	1,434	1,145	2,637	15,541
Total	13,056	148,412	198,161	359,629	1,264	30,829	25,134	57,227	416,856