

Supplementary Table S1 Number of double haploid (DH) lines used for the evaluation of *Fusarium* head blight (FHB) resistance at six tests

Genotype	Number of DH lines					
	2020FJ	2021HN	2021BJ	2021GH	2022HN	2022GH
None	10	30	30	30	30	30
<i>Fhb1</i>	10	30	30	30	30	30
<i>Fhb2</i>	10	30	30	30	30	30
<i>Fhb5</i>	10	30	30	30	30	30
<i>Fhb1</i> + 2	10	30	30	30	30	30
<i>Fhb1</i> + 5	10	26	26	26	26	26
<i>Fhb2</i> + 5	10	30	30	30	30	30
<i>Fhb1</i> + 2 + 5	6	11	11	11	11	11