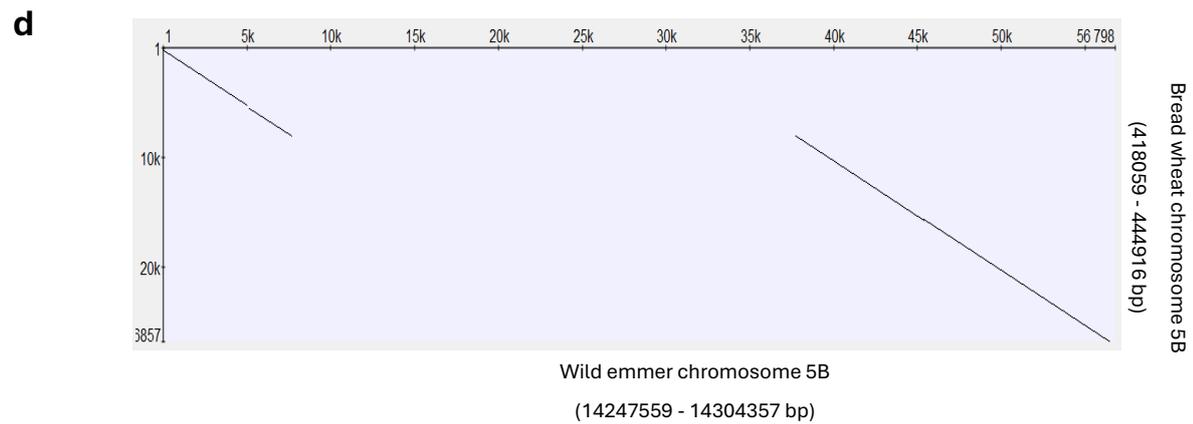
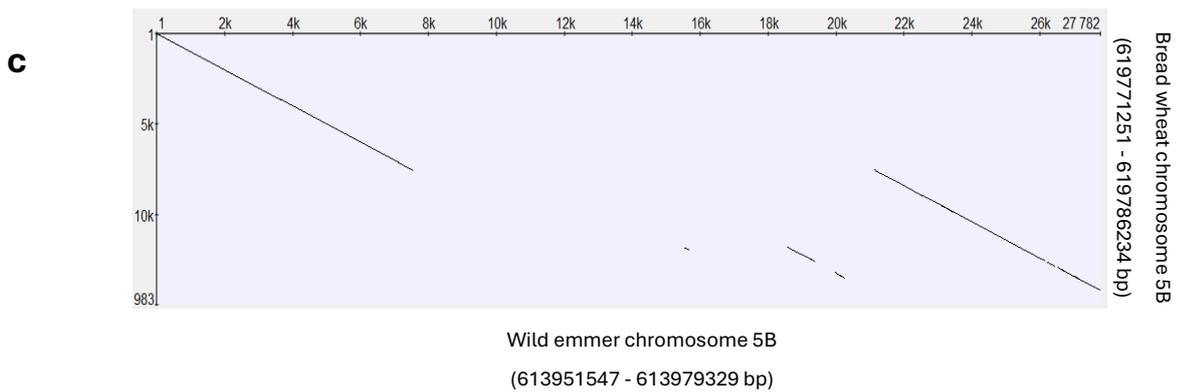
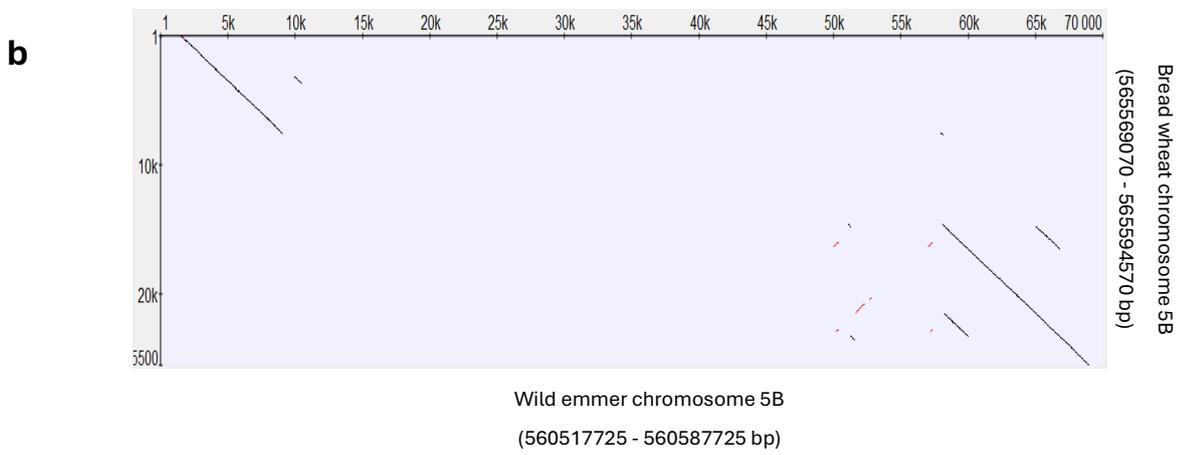
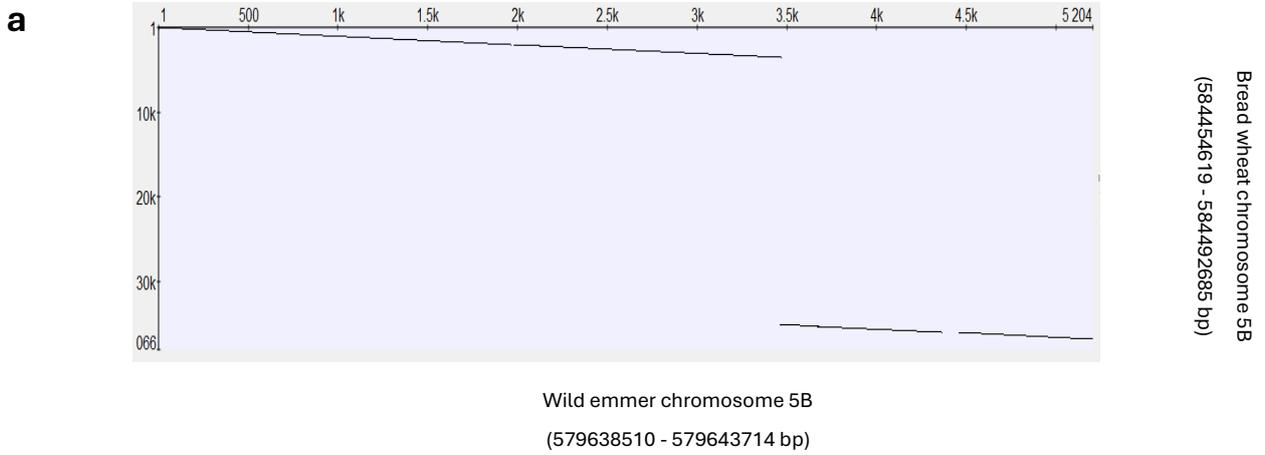
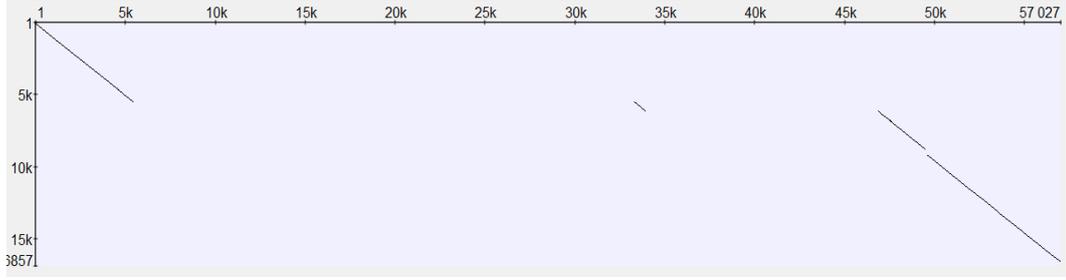


supplement figure 1



2

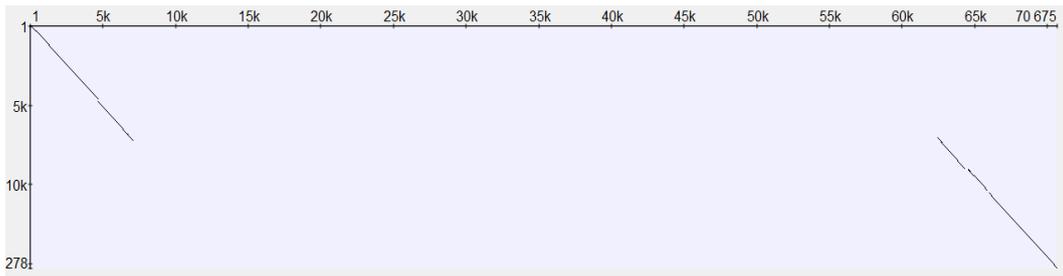
e



Bread wheat chromosome 5B  
(655628695 - 655645552 bp)

Wild emmer chromosome 5B  
(651502736 - 651559763 bp)

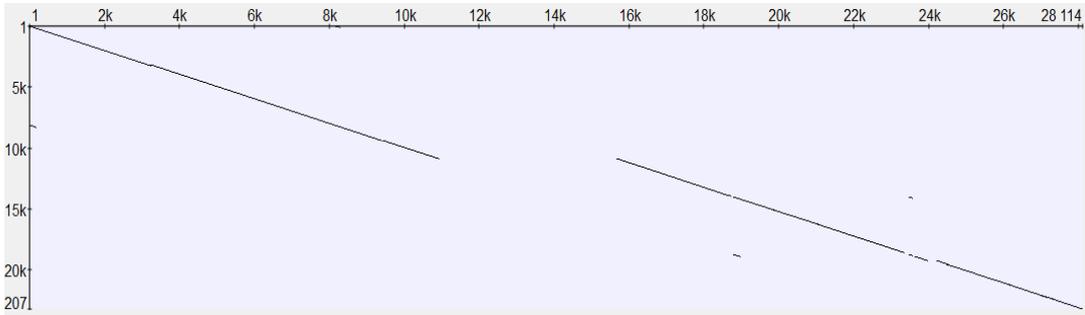
f



Bread wheat chromosome 5B  
(722742505 - 722757783 bp)

Wild emmer chromosome 5B  
(715401899 - 715472574 bp)

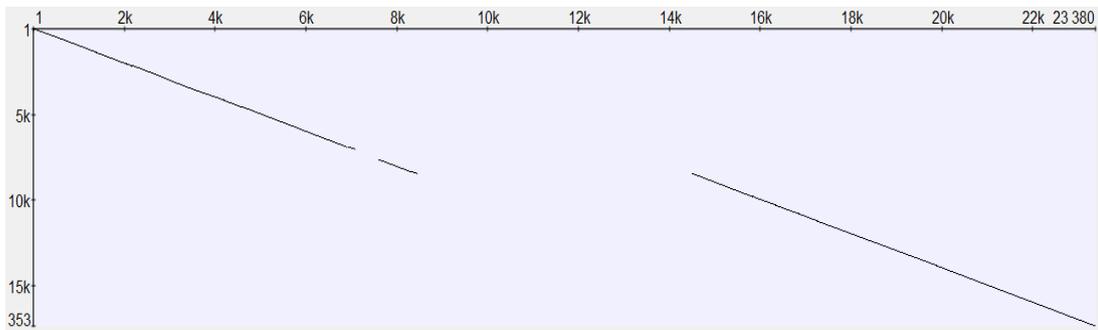
g



Bread wheat chromosome 5B  
(50946689 - 50969896 bp)

Wild emmer chromosome 5B  
(53621880 - 53629994 bp)

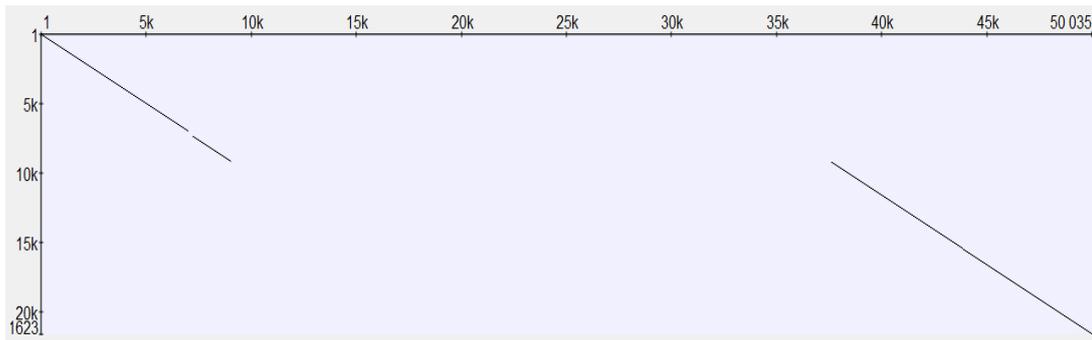
h



Bread wheat chromosome  
5B

Wild emmer chromosome 5B  
(95709760 - 95713140 bp)

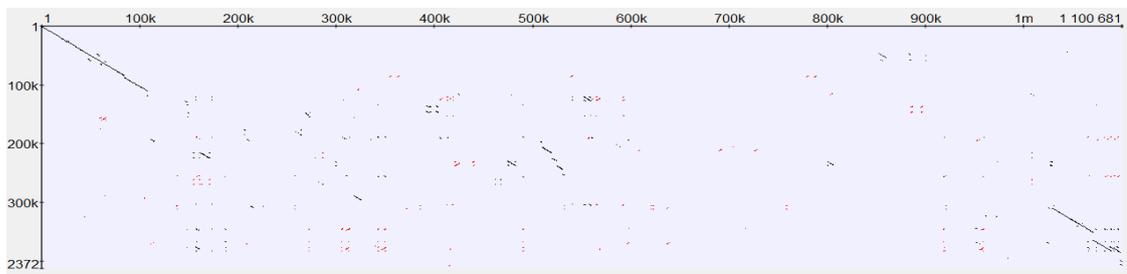
i



Wild emmer chromosome 5B  
(448344723 - 448374758 bp)

Bread wheat chromosome 5B  
(451509784 - 451531407 bp)

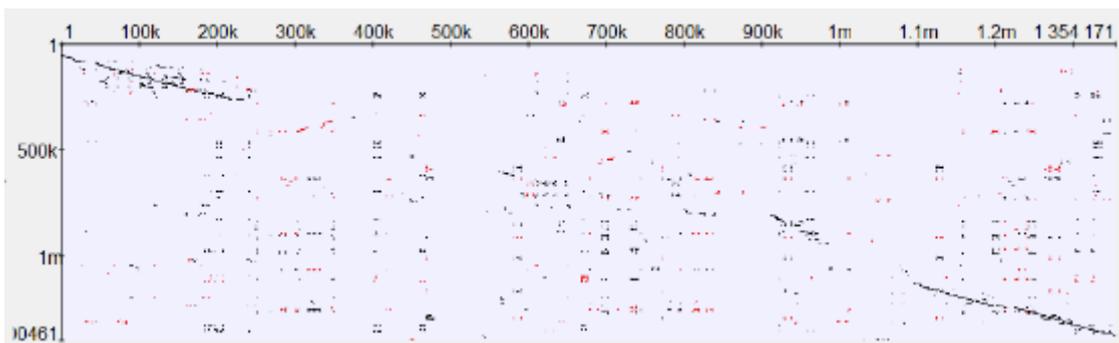
j



Wild emmer chromosome 5B  
(25483530 - 26584211 bp)

Bread wheat chromosome 5B  
(26841924 - 27254296 bp)

k



Wild emmer chromosome 5B  
(531976485 - 533330656 bp)

Bread wheat chromosome 5B  
(526991519 - 528391980 bp)

**Supplement figure 1:** Dot plot representation of identified genomic rearrangement between wild emmer wheat (x axis) and its orthologous loci in bread wheat (y axis). a – 5A12; b – 5A11; c – 5A13; d – 3A14; e – 3A16; f – 2A23; g – 2A24; h – 7A28; i – 7A30; j – 5B18; k – 5B19. Sequence alignment performed with minimum repeat length of 100bp and 95% repeat identity parameters. Black represents direct repeats, red represents inverted repeats. The numbers in the parentheses represent the coordinates of the annealed sequences in the WEWSeq\_v.1.0 assembly (wild emmer) and in the IWGSC assembly (bread wheat).