

**Supplemental Table 4.** Expected ratios of the dominant : recessive alleles in the gametes and sporophytes under consideration of the ploidy and a simplex, duplex and triplex constitution of the dominant alleles in the parents (in the cases of crossing parents with different ploidy and/or different dosages of dominant alleles the expected ratio has to be calculated from the gamete ratios) (modified from Haldane 1930)

	<b>4x</b>	<b>6x</b>	<b>8x</b>	<b>10x</b>
<b><u>simplex</u></b>	1Ai 3ai	1Ai 5ai	1Ai 7ai	1Ai 9ai
Gametes:	1 : 1	1 : 1	1 : 1	1 : 1
S <sub>1</sub> plants:	3 : 1	3 : 1	3 : 1	3 : 1
<b><u>duplex</u></b>	2Ai 2ai	2Ai 4ai	2Ai 6ai	2Ai 8ai
Gametes:	5 : 1	4 : 1	11 : 3	7 : 2
S <sub>1</sub> plants:	35 : 1	24 : 1	187 : 9	77 : 4
<b><u>triplex</u></b>	3Ai 1ai	3Ai 3ai	3Ai 5ai	3Ai 7ai
Gametes:	∞ : 0	19 : 1	13 : 1	11 : 1
S <sub>1</sub> plants:	∞ : 0	399 : 1	195 : 1	143 : 1