

ESM Table 5: Distribution of anchor marker loci over the seven barley linkage groups

population	chromosome							Total
	1H	2H	3H	4H	5H	6H	7H	
I/F : S/M	5 (5+0) ^a	8 (6+2)	9 (7+2)	4 (4+0)	3 (3+0)	1 (1+0)	6 (6+0)	36 (32+4)
I/F : D/R	5 (1+4)	2 (0+2)	7 (3+4)	4 (3+1)	2 (1+1)	6 (1+5)	4 (2+2)	30 (11+19)
S/M : D/R	4 (3+1)	6 (3+3)	7 (3+4)	6 (3+3)	7 (3+4)	1 (0+1)	3 (2+1)	34 (17+17)
I/F : S/M : D/R	3 (2+1)	3 (2+1)	2 (1+1)	1 (1+0)	4 (4+0)	4 (4+0)	2 (2+0)	19 (16+3)
Total	17 (11+6)	18 (10+8)	24 (14+10)	15 (11+4)	16 (11+5)	12 (6+6)	15 (12+3)	119 ^b (77+42)

^a Numbers in brackets indicate distribution to non-GB and GB-markers, respectively, ^b Three markers are represented by two loci each, giving a total of 116 commonly mapped markers.