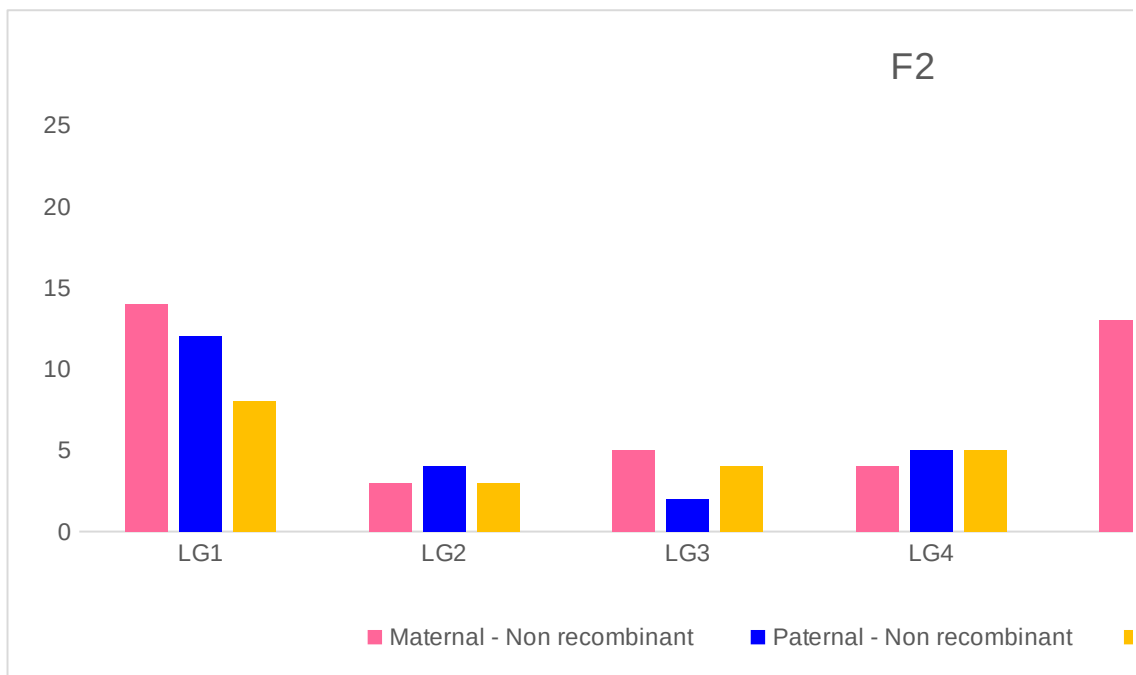


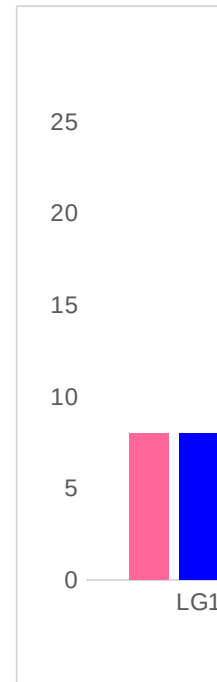
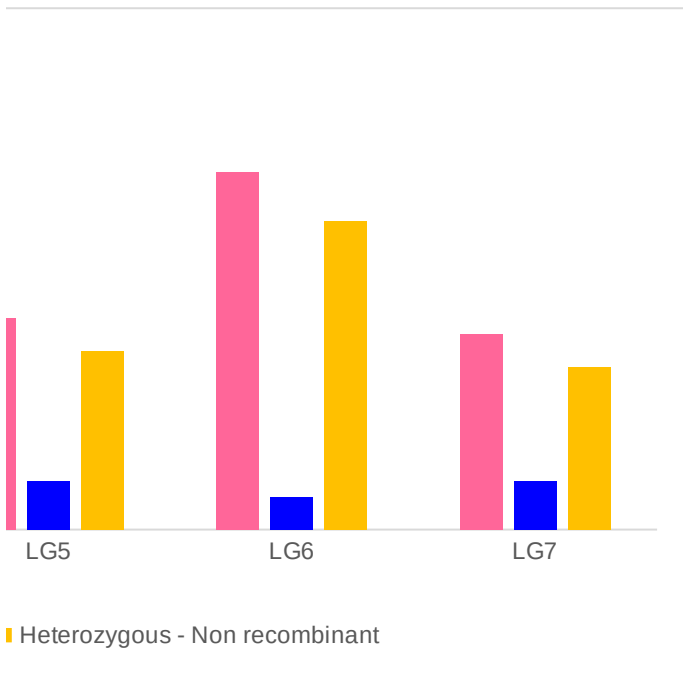
F2

LG	Maternal - Non recombinant	Paternal - Non recombinant	Heterozygous - Non recombinant	Total no. of Non recombinant chromosomes
LG1	14	12	8	34
LG2	3	4	3	10
LG3	5	2	4	11
LG4	4	5	5	14
LG5	13	3	11	27
LG6	22	2	19	43
LG7	12	3	10	25
Total	73	31	60	164



% of Non recombinant chromosomes - F2	Recombinant (parental and heterozygous allele)	Total
20.36	133	167
5.99	157	167
6.59	156	167
8.38	153	167
16.17	140	167
25.75	124	167
14.97	142	167
14.03	1005	1169

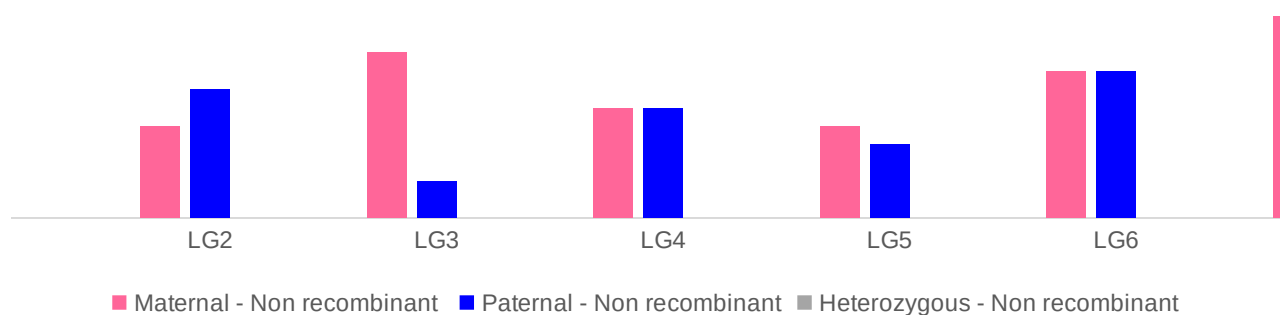
LG
LG1
LG2
LG3
LG4
LG5
LG6
LG7
0



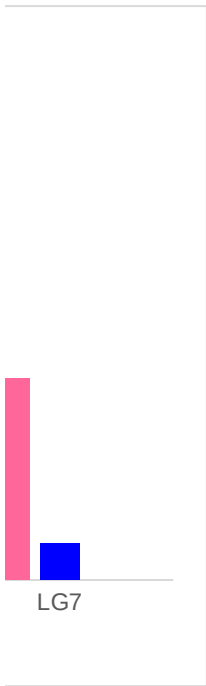
F6

Maternal - Non recombinant	Paternal - Non recombinant	Heterozygous - Non recombinant	% of Non recombinant chromosomes -F6	Total no. of Non recombinant chromosomes	Recombinant (parental and heterozygous allele)
8	8	0	39.02	16	25
5	7	0	29.27	12	29
9	2	0	26.83	11	30
6	6	0	29.27	12	29
5	3	0	19.51	8	32
8	8	0	39.02	16	25
11	2	0	31.71	13	28
52	36	0	30.66	88	198

F6



Total
41
41
41
41
41
41
41
41
287



Recombination events per linkage group per individual

S.no	chr1	chr2	chr3	chr4	chr5	chr6	chr7	Total
1	0	0	3	12	4	3	1	23
2	0	6	0	0	0	0	4	10
3	0	1	3	0	3	0	0	7
4	0	0	4	2	2	3	2	13
5	0	0	0	13	1	2	1	17
6	5	0	0	3	5	2	0	15
7	4	6	0	1	0	4	1	16
8	5	2	0	0	1	0	0	8
9	0	6	6	1	0	3	2	18
10	0	0	6	6	3	3	1	19
11	0	0	0	0	4	0	4	8
12	0	4	7	2	7	8	0	28
13	3	10	1	2	7	0	4	27
14	3	5	0	3	1	2	8	22
15	0	3	4	0	0	3	2	12
16	0	2	2	0	0	0	1	5
17	3	0	3	4	8	0	1	19
18	2	0	1	4	0	0	1	8
19	3	1	6	3	0	3	1	17
20	2	0	3	0	7	0	4	16
21	0	3	10	18	17	3	3	54
22	2	2	4	0	1	0	0	9
23	0	1	4	0	5	1	1	12
24	0	0	4	8	4	0	2	18
25	3	2	3	10	2	3	0	23
26	0	0	1	1	4	0	2	8
27	2	1	4	0	5	4	6	22
28	0	1	2	0	2	0	0	5
29	0	2	1	9	1	1	0	14
30	4	7	7	2	6	3	3	32
31	6	2	1	1	1	2	0	13
32	6	4	0	11	4	0	0	25
33	8	1	1	12	4	1	0	27
34	0	1	0	2	12	1	3	19
35	2	2	0	3	1	0	1	9
36	10	10	1	0	2	0	1	24
37	1	10	1	1	6	0	9	28
38	0	5	0	0	7	2	0	14
39	0	4	2	2	1	2	0	11
40	7	6	4	0	1	7	1	26
41	2	2	0	8	0	1	3	16

Individual_ID
Ind_007
Ind_019
Ind_043
Ind_067
Ind_078
Ind_082
Ind_089
Ind_094
Ind_096
Ind_104
Ind_111
Ind_118
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Ind_177
Ind_193
Ind_196
Ind_200
Ind_215
Ind_217
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