

**Table S3** Number of base pairs in the 2.1Gb maize v2 reference assembly with a given coverage range for each of the population pools. M=million.

Coverage	Population		
	Krug Yellow Dent	KLS_30	KSS_30
0	759M	859M	792M
1-5	523M	568M	447M
6-10	219M	225M	183M
11-15	144M	143M	127M
15-20	106M	99M	100M
21-25	81M	68M	82M
26-30	63M	45M	69M
31-40	86M	43M	105M
41-50	47M	12M	70M
>51	37M	4M	89M